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NASA
National Aeronautics and
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Lyndon B. Johnson Space Center
Houston, Texas 77058

DMS-DR-2346
NASA CR-151,385

VOLUME 1 OF 3

RESULTS OF SRB SEPARATION TESTS USING THE 0.010-SCALE SSV MODEL 75-OTS IN THE AEDC VKF TUNNEL A

(IA142)

SPACE SHUTTLE AERODYNAMIC DATA REPORT

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#18

Data ManAGEMENT SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

November 1977

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VOLUME 1 OF 3

RESULTS OF SRB SEPARATION TESTS

USING THE 0.010-SCALE SSV MODEL 75-OTS IN

THE AEDC VKF TUNNEL A

(IA142)

by

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Shuttle Aero Sciences
Rockwell International Space Division

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services
Chrysler Corporation Michoud Defense-Space Division
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	AEDC VKF V41A-K1A
NASA Series Number:	IA142
Model Number:	75-OTS
Test Dates:	August 11 through August 18, 1976
Occupancy Hours:	63.6

FACILITY COORDINATOR:

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ABSTRACT

An experimental investigation (test IA142) was conducted in the AEDC/VKF Tunnel A from August 11 through August 18, 1976. The objec ive was to obtain proximity force and moment data for the orbiter/extern l tank and SRBs with booster separation motor (BSM) plume effects. Si - component force and moment data were obtained on the orbiter/ET and four-component force and moment data were obtained on each SRB. BSM plumes were simulated with high pressure air exhausting through spec ally designed nozzles.

TABLE OF CONTENTS

INDEX OF MODEL FIGURES

INDEX OF MODEL FIGURES (Concluded)

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
AEDC		Arnold Engineering Development Center
b_{ref}	BREF	reference span, in.
BSM		booster separation motor
C_A	CA	axial force coefficient
C_ℓ	CBL	body axis rolling moment coefficient
C_m	CLM	pitching moment coefficient
C_{m_j}	CLMJ	BSM thrust pitching moment coefficient
C_{m_T}	CLMT	pitching moment coefficient due to both BSM thrust and aerodynamic effects
C_n	CYN	body axis yawing moment coefficient
C_{n_j}	CYNJ	BSM thrust body axis yawing moment coefficient
C_{n_T}	CYNT	body axis yawing moment coefficient due to both BSM thrust and aerodynamic effects
C_N	CN	normal force coefficient
C_{N_j}	CNJ	BSM thrust normal force coefficient
C_{N_T}	CNT	normal force coefficient due to both BSM thrust and aerodynamic effects
C_{PB1}, C_{PB2}	CPB1,CPB2	base pressure coefficients
C_{P_c}	CPC	balance cavity pressure coefficient
c_{ref}	CREF	reference chord, in.
C_Y	CY	side force coefficient
C_{Y_j}	CYJ	BSM thrust side force coefficient
C_{Y_T}	CYT	side force coefficient due to both BSM thrust and aerodynamic effects

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
CTS		captive trajectory system
ET		external tank
ℓ_{ref}	LREF	reference length, in.
M_∞	MACH	freestream Mach number
MRP		moment reference point
P_{B1}, P_{B2}	PB1,PB2	model base pressures, psia
P_c	PC	model cavity pressures, psia
P_o	PO	tunnel stilling chamber pressure, psia
P_∞	P	freestream static pressure, psia
q_∞	Q(PSF),Q(PSI)	freestream dynamic pressure, psfa,psia
R_e/ft	RE/L	unit Reynolds number, per foot
S_{ref}	SREF	reference area, $ft.^2$
SRB		solid rocket booster
SSV		Space Shuttle Vehicle
T_o	TO	tunnel stilling chamber temperature, ^oR
T_∞	T	freestream static temperature, ^oR
VKF		von Karman Facility
$X_{MRP_{O/ET}}$	XMRP	longitudinal location of mated orbiter an ET MRP, in. X_T
$X_{MRP_{SRB}}$	XMRP	longitudinal location of SRB MRP, in. X_s
X_o	XO	orbiter longitudinal station, in.
X_s, X_B	XS	SRB longitudinal station, in.

SYMBOL	MNEMONIC	DEFINITION
X_T	XT	ET longitudinal station, in.
$Y_{MRP_{O/ET}}$	YMRP	lateral location of mated orbiter and ET MRP, in. Y_T
$Y_{MRP_{SRB}}$	YMRP	lateral location of SRB MRP, in. Y_s
Y_O	YO	orbiter lateral station, in.
Y_s	YS	SRB lateral station, in.
Y_T	YT	ET lateral station, in.
$Z_{MRP_{O/ET}}$	ZMRP	vertical location of mated orbiter and ET MRP, in. Z_T
$Z_{MRP_{SRB}}$	ZMRP	vertical location of SRB MRP, in. Z_s
Z_O	ZO	orbiter vertical station, in.
Z_s	ZS	SRB vertical station, in.
Z_T	ZT	ET vertical station, in.
$\alpha_{O/ET,\ O/T}$	ALPHA	mated orbiter and ET angle of attack, deg.
α_{SRB}	ALPHAB, ALPHAR	left, right SRB angle of attack, deg.
$\beta_{O/ET,\ O/T}$	BETA	mated orbiter and ET angle of sideslip, deg.
β_{SRB}	BETAB, BETAR	left, right SRB angle of sideslip, deg.
δ_a	AILRON	aileron deflection angle, deg.
δ_{BF}	BDFLAP	body flap deflection angle, deg.
δ_e	ELEVON	elevon deflection angle, deg.
Δ_X	X	longitudinal displacement of SRB nose parallel to the X_T axis, from its mated position with the orbiter and ET, positive downstream, in.

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
ΔY	Y, YR, YL	lateral displacement of right, right, left SRB nose parallel to the Y_T axis, from its mated position with the orbiter and ET, positive to port, in.
ΔZ	Z	vertical displacement of SRB nose parallel to the Z_T axis, from its mated position with the orbiter and ET, positive down, in
$\Delta\alpha$	DALFA	incremental pitch angle between O/ET and SRB, degrees; $\Delta\alpha = \alpha_{SRB} - \alpha_{O/ET}$
$\Delta\beta$	DBETA	incremental sideslip angle between O/ET and SRB, degrees; $\Delta\beta = \beta_{SRB} - \beta_{O/ET}$ (left SRB) $\Delta\beta = \beta_{O/ET} - \beta_{SRB}$ (right SRB)
Δp	DELP	pressure differential between throat tap and supply line on venturi used to measure mass flow to simulated separation engines; psia
p_j	JET PC	chamber pressure of simulated BSM jets, psia
—	LTFW, LTAFT	left SRB balance foward or aft gage temperature, ^oF
$\dot{m}$	MDOT	total mass flow measured by venturi, lb.-mass/sec.
	MTR, MTL	total mass flow supplied to separation engines in right and left boosters, lb.-mass/sec.
p_a	PA	pressure in supply line to venturi, psia
p_c	PCHAR, PCHFR	chamber pressures for right SRB aft or forward engines, psia
	PCHAL, PCHFL	chamber pressures for left SRB aft or forward engines, psia

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
ϕ	PHI, PHIL, PHIR	left, left, right SRB model roll angles, degrees
p_s	PSR, PSL	pressure in supply lines to separation engines on right or left booster, psia
—	RTFW, RTAFT	right SRB balance forward or aft gage temperature, ^{o}F
T_a	TA	temperature of air supplied to venturi, ^{o}R
ORB		orbiter
F_N		normal force (in Z direction), lbs.
F_Y		side force (lateral direction), lbs.
M_Y		pitching moment about Y axis, lbs.
M_Z		yawing moment about Z axis, lbs.

INTRODUCTION

The space shuttle solid rocket boosters (SRBs) have small separation motors (BSMs) in the extreme forward and aft sections which fire during separation of the SRBs from the O/ET. This action assures a positive separation sequence. A series of three wind tunnel tests was conducted in the AEDC/VKF Tunnel A on a 0.010-scale model of the space shuttle configuration during SRB separation, with BSM plumes simulated with air jets, to obtain proximity force and moment data for the orbiter, external tank, and SRBs. This report presents results from the second test, conducted from August 11 through August 18, 1976. Results from the first test (IA40) are given in reference 8 while reference 9 presents the third test (IA143) results.

Data were obtained at a Mach number of 4.5 and a Reynolds number of (1.68×10^6). Test variables included orbiter/ET angles of attack and sideslip, SRB angles of attack and sideslip relative to the orbiter/ET; vertical, longitudinal, and lateral displacement of the SRBs from the mated position; SRB roll angle; BSM plenum pressure; and Reynolds number.

Two base pressure measurements and one cavity pressure were obtained in addition to the basic force measurement. Model (75-OTS) was used for these tests.

Chrysler Data Management Services adjusted the original data while this data report was being prepared for publication. Data for coefficients C_Y, C_n, and C_ℓ in certain groups of runs were adjusted to correct a balance zero shift which occurred during the test. Details of the adjustment are in the Remarks section.

CONFIGURATIONS INVESTIGATED

The model was a 0.010 scale representation of the space shuttle launch vehicle, designated 75-OTS. A model 72-0 wing was used for simplicity because it was not instrumented as was the 75-0 wing but was otherwise identical to the 75-0 wing. The wing represented a 140 A/B configuration. The orbiter fuselage represented a 140C modified configuration. The external tank model was built to VC78-000002 lines with an isentropic nose spike. SRB models were built to VC77-000002 lines to represent a modified vehicle 5 configuration. Figure 2a shows the mated configuration. Figure 2b shows the orbiter configuration. Figures 2c through f show the external tank configuration and its protuberances. Orbiter to tank attach hardware and feedlines are shown in Figures 2g through i. The SRB is shown in Figure 2j. The models were fabricated from stainless steel and aluminum.

The mated orbiter and external tank were mounted on the VKF Tunnel A captive trajectory system in an upright position. The AEDC VY109478 bent sting was attached to the captive trajectory system strut and entered the model through the orbiter base where it attached to the AEDC 0.85-inch diameter 4.00-Y-36-049 internal strain gage balance. The orbiter and tank were rigidly attached to the orbiter. The SRB's were mounted on the tunnel primary support system using the Rockwell W-1137A model support assembly and W-1138A twin sting assembly. Forces and moments on each SRB were measured by AEDC 4-component flow-through balances (4.00-Y-34-069 in the left SRB and 4.00-Y-34-065 in the right SRB). Figure 2k shows a sketch of the model installation. Figure 3 presents photographs of the installed models.

Booster separation motors (BSM) consisted of two four-nozzle clu ters located at the forward and aft end of each SRB as shown on Figure 2j. Each nozzle was supplied with high pressure air through a common plen m for each cluster. The plenums were designed to provide simultaneous firing of the forward and aft nozzles with identical plenum pressures Nozzle internal contours were designed to provide model plumes simula ing full scale plumes. External contours were made to maintain similitud with full scale contours.

All three balances were calibrated by AEDC prior to the test. I - tunnel check loadings were performed after installation to insure tot l measurement system integrity. All transducers or thermocouples used o measure base, cavity, sting, model plenum pressures and mass flow wer calibrated prior to the test.

Prior to the test, after the models were installed in the test chamber, sting pressure was calibrated as a function of forward and a t plenum pressures for each SRB model. A calibration of balance forces and moments and mass flow as functions of sting pressure was then perform d for each SRB model. These calibrations yielded thrust tares for each balance component and the average thrust for each BSM nozzle. Operat ng pressures for the test were then defined using these thrust calibrati ns.

CONFIGURATIONS INVESTIGATED (Continued)

The orbiter model was designated as ORB, where:

$$ORB = B_{62}\ C_{12}\ E_{44}\ F_{10}\ M_{16}\ R_5\ N_{89}\ N_{103}\ V_8\ W_{116}$$

The individual orbiter components were defined as follows:

Component	Definition	Reference Drawing
B_{62}	Body	VL70-000140C -202C, -205A, -200B, -203A
C_{12}	Canopy	VL70-000140C -202B, -204
E_{44}	Elevon	SAS/AERO/73-344
F_{10}	Body Flap	VL70-000140C, VL70-355114
M_{16}	OMS Pod	VL70-008401, VL70-008410
N_{89}	OMS Nozzles	SS-A01279
N_{103}	MPS Nozzles	SS-A01687
R_5	Rudder	VL70-000146B, VL70-000095
V_8	Vertical Tail	VL70-000140C, VL70-000146B
W_{116}	Wing	VL70-000140A/B, VL70-000200

The external tank was designated as ET, where:

$$ET = T_{35}\ AT_{28}\ AT_{130}\ AT_{131}\ FL_{10}\ FL_{11}\ FR_{10}\ FR_{14}\ FR_{15}\ FR_{16}\ FR_{17}$$
$$FR_{18}\ FR_{19}\ PT_{23}\ PT_{25}\ PT_{26}\ PT_{29}\ PT_{33}\ PT_{39}$$

Component	Description
AT_{28}	Aft O/ET attach structure per VL78-000063, VL78-000062B.
AT_{130}	Forward O/ET attach structure, per ICD-2-00001, Rev. B.
AT_{131}	Aft O/ET attach structure cross-member, per ICD-2-00001, Rev. B.

Component	Description
FL_{10}	LH_2 feedline per VL78-000063, VL78-000062B, VC78-000C 2.
FL_{11}	LO_2 feedline per VL78-000063, VL78-000062B, VC78-000C 2.
FR_{10}	Fairing, per VL78-000063, VL78-000062B, Martin-Mariet a 82600207000, VC78-000002
FR_{14}	ET nose cable fairing.
FR_{15}	ET nose fairing for PT_{39}
FR_{16}	LO_2 feedline (FL_{11}) fairing.
FR_{17}	LO_2 antigeyser-line (PT_{23}) fairing.
FR_{18}	Aft electrical-conduit (PT_{25}) fairing.
FR_{19}	LH_2 pressure line (PT_{33}) fairing.
PT_{23}	LO_2 recirculation line per VL78-000063, VL78-000062B, Martin-Marietta 82600207000, VC78-000002
PT_{25}	Aft electrical line, per VL78-000063, VL78-000062B, Martin-Marietta 82600207000, VC78-000002
PT_{26}	LO_2 pressure line, per VL78-000063, VL78-000062B, Martin-Marietta 82600207000
PT_{29}	Electrical conduit, per ICD-2-00001, Revision B.
PT_{33}	LH_2 pressure line per ICD-2-00001, Revision B.
PT_{39}	ET nose probe, per ICD-2-00001, Revision B.
T_{35}	Modified Vehicle 5 external tank per VC78-000002

The solid rocket booster was designated as:

$$SRB = S_{24}\ N_{101}\ N_{102}\ N_{106}\ PS_{20}\ PS_{26}\ PS_{27}\ PS_{28}\ PS_{29}\ PS_{31}\ PS_{32}\ PS_{33}\ PS_{34}\ PS_{35}$$

where:

Component	Description
N_{101}	Forward booster separation motor nozzle block. Reference: ICD-2-00001, Revision B (Model Drawing (SS-A01690).
N_{102}	Aft booster separation motor nozzle block. Reference: ICD-2-00001, Revision B (Model Drawing (SS-A01690).
N_{106}	SRB nozzle, per VL77-000066, VC77-000002D.
PS_{20}	Electrical cable tunnel, per ICD-2-00001. Revision B.
PS_{26}	SRB aft attach ring, per ICD-2-00001, Revision B.
PS_{27}	SRM nozzle actuator struts, per ICD-2-00001, Revision B.
PS_{28}	Aft booster separation motor fairing, per ICD-2-00001, Revision B.
PS_{29}	Tiedown struts (4) per ICD-2-00001, Revision B.
PS_{31}	Command antenna (2) per ICD-2-00001, Revision B.
PS_{32}	Data capsule and camera, per ICD-2-00001, Revision B.
PS_{33}	Intermediate structural rings (3), per ICD-2-00001, Revision B.
PS_{34}	Aft cable housing, per ICD-2-00001, Revision B.
PS_{35}	Aft structural ring, per ICD-2-00001, Revision B.
S_{24}	Modified Vehicle 5 Solid Rocket Booster body.

TEST FACILITY DESCRIPTION

Arnold Engineering Development Center (AEDC) is an Air Force fac: .ity located in Tullahoma, Tennessee. The tunnel used, Tunnel A, is in th(von Karman facility. Engineering and other technical operations in tl .s tunnel are conducted by contractor personnel of ARO, Inc.

Tunnel A is a 40 x 40-in., continuous, closed circuit, variable density, supersonic wind tunnel with a Mach number range of 1.5 to 6.(

The tunnel is served by the main compressor system which provide: a wide range of mass flows and stagnation pressures up to a maximum o: 200 psia.

The model may be injected into the tunnel for a test run and the: retracted for model cooling or model changes without interrupting the tunnel flow.

DATA REDUCTION

Standard AEDC methods for computing tunnel parameters, balance force and moments, and model attitudes were used. Six-component force and moment data were recorded and reduced for the orbiter/external tank balance. Base and cavity pressure coefficients were computed but corrections were not applied to the balance data. Four-component force and moment data were recorded and reduced for each SRB balance. Thrust tares were removed from these data and coefficients were calculated for each SRB both with and without BSM thrust. Base and cavity pressures were not measured. Attitude and position of all three model components were corrected for sting/balance deflections.

The following reference dimensions were used:

Symbol	Description	Model Scale	Full Scale
$\ell_{ref}, C_{ref}, b_{ref}$	reference length, chord, span, in.	12.903	1290.3
S_{ref}	reference area, ft.^{2}	0.269	2690.0
$X_{MRP_{O/ET}}$	orbiter/ET longitudinal location of MRP, in. X_T	10.97	1097.0
$X_{MRP_{SRB}}$	SRB longitudinal location of MRP, in. X_s	12.585	1258.5
$Y_{MRP_{O/ET}}$	orbiter/ET lateral location of MRP, in. Y_T	0.0	0.0
$Y_{MRP_{SRB}}$	SRB lateral location of MRP, in. X_S	0.0	0.0
$Z_{MRP_{O/ET}}$	orbiter/ET vertical location of MRP, in. Z_T	4.50	450.0
$Z_{MRP_{SRB}}$	SRB vertical location of MRP, in. Z_s	4.00	400.0

REMARKS

Several changes were made to the test hardware and the tunnel in stallation from the initial entry (test IA40).

(1) A clutch-face yaw adapter replaced the yaw pin/plate used with the W-1115-S-3 housing. The clutch-face was fabricat d by AEDC and provided for 5-degree yaw increments.

(2) A longer docking spike was fabricated by AEDC to facilitat docking measurements for $\Delta\alpha = -8^{\circ}$ test conditions.

(3) As a means of decreasing blockage, a new sting arrangement was investigated for mounting the O/ET to the CTS. This change moved the O/ET up in the wind tunnel relative to th CTS so that the separation rig could be raised toward the centerline of the wind tunnel.

(4) Marotta valves were installed in the high pressure air sup ly lines to each SRB. These valves provided the capability o running jet-on for either one or both SRBs.

The following test anomalies were observed during test IA142:

(1) Tunnel Blockage. Blockage was encountered at $\alpha_{O/T} = 15$, $\beta_{O/T} = 15$ at $\Delta\alpha$'s of 0 and -4 degrees when both left and right BSM jets were on. This problem was avoided by obtai ng jet-on data at these α, β conditions for only one BSM oper ing at any time.

No other blockage conditions were encountered, even at the same combinations of $\alpha_{O/T}$ and $\beta_{O/T}$ where blockage occurred during IA40. It is believed that this is due to the change in model installation which permitted the SRBs to be located closer to the center of the wind tunnel.

(2) Mass Flow System. Marotta valves were installed in the mass flow system to provide for on/off operation of the BSM jets. Unexpected large flow restrictions through these valves made it necessary to install a second set of Marotta valves in parallel with the first. Even with two valves for each SRB, a pressure level of 1500 psi could not be obtained in the SRB stings. Therefore, 1500 psi data were obtained with the Marotta valves removed from the system.

(3) Thrust calibrations: Repeat thrust calibrations during the 4th shift of the test did not agree with previous calibrations. During the 5th shift, a ruptured filter was located in the high pressure air system and was replaced. Following the 5th shift, the SRB models were removed from the stings and disassembled. Large concentrations of fine dirt particles were removed from the air system. A few broken pieces of O-ring were also removed from in between the model balance adapter and the outer shell. After this, thrust calibrations again repeated those obtained prior to the test. The effect of the disagreement between thrust calibrations on coefficient accuracy will be assessed during post-test data analysis.

(4) A balance zero shift occured in two increments, about) counts for groups 475-619 and 130 counts for groups 62 -1108. Chrysler Data Management Services was notified of the iift in October 1977 (ref. 10). Accordingly, an adjustment to the orbiter/external tank aerodynamic coefficients was mad by subtracting the following increments from the original lata:

	C_Y	C_n	C_ℓ
Groups 475-619	0.020	-0.003	0.004
Groups 620-1108	0.032	-0.005	0.007

Adjusted data are published in this report.

REFERENCES

1. NA-73-435, "Structural Analysis of the 0.010-Scale #32-OTS SSV Model, Appendix E," dated May 17, 1976.

2. SAS/AERO/74-588, "Test Requirements for the Booster Separation Test IA40," dated August 14, 1974.

3. SAS/AERO/76-164, "Booster Separation Motor Model Design for Test IA40A," dated March 26, 1976.

4. SAS/WTO/74-186, Addendum #5, "Model Design Information for the 0.010-Scale SSV Model 32-OTS, Task 23 (Test IA40), AEDC Tunnel A," dated November 24, 1975.

5. SAS/WTO/74-186, Addendum #6, "Calibration Requirements for Model 75-OTS SRB Model High Pressure Air System for Test IA40A," dated April 22, 1976.

6. SAS/WTO/74-186, Addendum #7, "Additional Model Design Requirements for SRB Model 72-OTS/75-OTS Test IA40A at AEDC, Tunnel A," dated April 29, 1976.

7. SD76-SH-0126, "Pretest Information for SRB Separation Tests IA40 and IA142 Using the 0.010-Scale SSV Model 75-OTS in the AEDC VKF Tunnel A," dated May 28, 1976.

8. DMS-DR-2293, "Results of SRB Separation Tests Using the 0.010-Scale SSV Model 75-OTS in the AEDC VKF Tunnel A (IA40)."

9. DMS-DR-2354, "Results of SRB Separation Tests Using the 0.010-Scale SSV Model 75-OTS in the AEDC VKF Tunnel A (IA143)."

10. Letter from T. Best, proj. eng., Aero. Proj. Branch, ARO, Inc., AEDC, Arnold AFS, Tenn., to J. E. Vaughn, Chrysler Corp. (Huntsville Electronics), Huntsville, Ala., dated Oct. 4, 1977

TABLE I.

TEST : IA142			DATE :

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER $(Re \times 10^{-6})$ per foot	DYNAMIC PRESSURE (psfa)	STAGNATION EMPERATURE (degrees F renheit)
4.5	1.68	166	1[illegible]

BALANCE UTILIZED: Orbiter/Tank - AEDC 0.85-inch diameter 4.00-Y-36 049
SRB - 0.625-inch diameter flow through alance

	ORBITER/TANK CAPACITY:	SRB CAPACITY	COEFFICIEN TOLERANC
Normal Force	200 lb	125 lb	
Axial Force	50 lb	--	
Side Force	200 lb	125 lb	
Pitching Moment	310 in-lb	451 in-lb	
Rolling Moment	100 in-lb	--	
Yawing Moment	310 in-lb	451 in-lb	

COMMENTS:

TABLE II.

SRB JETS OFF 1 JEV

TEST: IA142 DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_C		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT001	ORB/ET/2SRB's	0	0	0	0		0	0	0	L	0		371	373				
02										M			372	374				
03										N			397	400				
04										P			398	401				
05										Q			399	402				
06				-4			-4			N			407	410				
07										N			432	437				
08										P			408	411				
09										P			—	438				
10										Q			409	412				
11										Q			436	439				
12				-8			-8			R					450	453		
13										R						472		
14										S					451	454		
15										S						473		
16										T					452	455		
17										T						474		

TEST RUN NUMBERS

α OR β SCHEDULES

L = 400, 300, 250, 200, 175, 150, 125, 100, 75, 50, 25, 0, -50, -100, -200
M = -100, -50, 0, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400
N = 400, 300, 250, 200, 175, 150, 125, 100, 75, 50
P = 25, 0, -50, -100, -200, -100, -50, 0, 50
Q = 75, 100, 125, 150, 175, 200, 250, 300, 400
R = 400, 300, 250, 200, 175, 150, 125, 100
S = 75, 50, 25, 0, 25, 50, 75, 100
T = 125, 150, 175, 200, 250, 300, 400

COEFFICIENT SCHEDULE ON P. 120.

TABLE II. (Continued)

SRB JETS OFF — 2 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT018	ORB/ET/2SRB's	0	0	0	4		0	4	200	U	0		475	476		477		478
19					2			2	100				479	480		481		482
20					2			2	150				483	484		485		486
21					0			0	0				487	488		489		490
22					0			0	50				491	492		493		494
23					0			0	100				495	496		497		498
24					-2			-2	0				499	500		501		502
25					-2			-2	50				503	504		505		506
26					-2			-2	100				507	508		509		510
27				-4	4		-4	4	200				620	621		622		623
28					2			2	100				624	625		626		627
29					2			2	150				628	629		630		631
30					0			0	0				632	633		634		635
31					0			0	50				636	637		638		639
32					0			0	100				640	641		642		643
33					-2			-2	0				644	645		646		647
34					-2			-2	50				648	649		650		651
35					-2			-2	100				652	653		654		655

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

SRB JETS OFF 3 JEV

TEST: IA142 DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT036	ORB/ET/2SRB's	0	0	-8	4		-8	4	200	A	0					753	754	755
37					2			2	100							756	757	758
38					2			2	150							759	760	761
39					0			0	0							762	763	764
40					0			0	50							765	766	767
41					0			0	100							768	769	770
42					-2			-2	0							771	772	773
43					-2			-2	50							774	775	776
44					-2			-2	100							777	778	779
45			10	0	14		0	4	200				2067	2013		2014		2015
46					12			2	100				2068	2016		2017		2018
47					12			2	150				2069	2019		2020		2021
48					10			0	0				2070	2022		2023		2024
49					10			0	50				2071	2025		2026		2027
50					10			0	100				2072	2028		2029		2030
51					8			-2	0				2073	2031		2032		2033
52					8			-2	50				2074	2034		2035		2036
53					8			-2	100				2075	2037		2038		2039

α OR β SCHEDULES

A: 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

SRB JETS OFF — 4 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_s	SRB's β_s		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	F_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT054	ORB/ET/2SRB's	0	10	-4	14		-4	4	200	A	0		2076			2077		2078
55					12			2	100				2079			2080		2081
56					12			2	150				2082			2083		2084
57					10			0	0				2085			2086		2087
58					10			0	50				2088			2089		2090
59					10			0	100				2091			2092		2093
60					8			-2	0				2094			2095		2096
61					8			-2	50				2097			2098		2099
62					8			-2	100				2100			2101		2102
63				-8	14		-8	4	200							2130	2131	2132
64					12			2	100							2133	2134	2135
65					12			2	150							2136	2137	2138
66					10			0	0							2139	2140	2141
67					10			0	50							2142	2143	2144
68					10			0	100							2145	2146	2147
69					8			-2	0							2148	2149	2150
70					8			-2	50							2151	2152	2153
71					8			-2	100							2154	2155	2156

α OR β SCHEDULES: A = 400, 300, 100, [illegible]

TABLE II. (Continued)

SRB JETS OFF 5 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T		SRB's		SEPARATION PARAMETERS							Z, VERTICAL SEPARATION DIST.					
		α_o	β_o	α_B	β_B		$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		0	50	75	100	150	200
VT072	ORB/ET/2SRB's	10	0	10	4		0	4	200	A	0		2184			2185		2186
73					2			2	100				2187			2188		2189
74					2			2	150				2190			2191		2192
75					0			0	0				2193			2194		2195
76					0			0	50				2196			2197		2198
77					0			0	100				2199			2200		2201
78					-2			-2	0				2202			2203		2204
79					-2			-2	50				2205			2206		2207
80					-2			-2	100				2208			2209		2210
81				6	4		-4	4	200				2238			2239		2240
82					2			2	100				2241			2242		2243
83					2			2	150				2244			2245		2246
84					0			0	0				2247			2248		2249
85					0			0	50				2250			2251		2252
86					0			0	100				2253			2254		2255
87					-2			-2	0				2257			2258		2259
88					-2			-2	50				2260			2261		2262
89					-2			-2	100				2263			2264		2265

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

SRB JETS OFF   6 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z 0	Z 50	Z 75	Z 100	Z 150	Z 200
VT090	ORB/ET/2SRB's	10	10	10	14	0	4	200	A	0	891	892		893		894
91					12		2	100			895	896		897		898
92					12		2	150			899	900		901		902
93					10		0	0			903	904		905		906
94					10		0	50			907	908		909		910
95					10		0	100			911	912		913		914
96					8		-2	0			915	916		917		918
97					8		-2	50			919	920		921		922
98					8		-2	100			923	924		925		926
99				6	14	-4	4	200			1035	1036		1037		1038
100					12		2	100			1039	1040		1041		1042
101					12		2	150			1045	1046		1047		1048
102					10		0	0			1049	1050		1051		1052
102					10		0	50			1053	1054		1055		1056
104					10		0	100			1057	1058		1059		1060
105					8		-2	0			1061	1062		1063		1064
106					8		-2	50			1065	1066		1067		1068
107					8		-2	100			1069	1070		1071		1072

[illegible]

α OR β SCHEDULES

TABLE II. (Continued)

SRB JETS ØFF 7 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT108	ORB/ET/2SRB's	10	10	2	14		-8	4	200	A	0					1850	1851	1852
109					12			2	100							1853	1854	1855
110					12			2	150							1856	1857	1858
111					10			0	0							1859	1860	1861
112					10			0	50							1862	1863	1864
113					10			0	100							1865	1866	1867
114					8			-2	0							1868	1869	1870
115					8			-2	50							1871	1872	1873
116					8			-2	100							1874	1875	1876
117		-10		-10	14		0	4	200				1150	1151		1152		1153
118					12			2	100				1154	1155		1156		1157
119					12			2	150				1158	1159		1160		1161
120					10			0	0				1162	1163		1164		1165
121					10			0	50				1166	1167		1168		1169
122					10			0	100				1170	1171		1172		[illegible]
123					8			-2	0				1174	1175		1176		1177
124					8			-2	50				1178	1179		1180		[illegible]
125					8			-2	100				1182	1183		1184		1185

A = 400, 200, 100, 50, 0, -150, -200

α OR β SCHEDULES

TABLE II. (Continued)

SRB JETS ØFF

8 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT126	ORB/ET/2SRB's	-10	10	-14	14		-4	4	200	A	0			1904		1905		1906
127					12			2	100					1907		1908		1909
128					12			2	150					1910		1911		1912
129					10			0	0					1913		1914		1915
130					10			0	50					1916		1917		1918
131					10			0	100					1919		1920		1921
132					8			-2	0					1922		1923		1924
133					8			-2	50					1925		1926		1927
134					8			-2	100					1928		1929		1930
135				-18	14		-8	4	200							1959	1960	1961
136					12			2	100							1962	1963	1964
137					12			2	150							1965	1966	1967
138					10			0	0							1968	1969	1970
139					10			0	50							1971	1972	1973
140					10			0	100							1974	1975	1976
141					8			-2	0							1977	1978	1979
142					8			-2	50							1980	1981	1982
143					8			-2	100							1983	1984	1985

TEST RUN NUMBERS

A- 400, 200, 100, 50, 0, -150, -200

α OR β SCHEDULES

TABLE II. (Continued)

SRB JETS OFF 9 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT144	ORB/ET/2SRB's	15	15	15	19		0	4	200	A	0		1366	1367		1368		1369
145					17			2	100				1370	1371		1372		1373
146					17			2	150				1374	1375		1376		1377
147					15			0	0				1378	1379		1380		1381
148					15			0	50				1382	1383		1384		1385
149					15			0	100				1386	1387		1388		1389
150					13			-2	0				1390	1391		1392		1393
151					13			-2	50				1394	1395		1396		1397
152					13			-2	100				1398	1399		1400		1401
153				11	19		-4	4	200				1476	1477		1478		1479
154					17			2	100				1480	1481		1482		1483
155					17			2	150				1484	1485		1486		1487
156					15			0	0				1531	1532		1533		1534
157					15			0	50				1492	1493		1494		1495
158					15			0	100				1496	1497		1498		1499
159					13			-2	0				1500	1501		1502		1503
160					13			-2	50				1504	1505		1506		1507
161					13			-2	100				1508	1509		1510		1511

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

SRB JETS OFF   10 JET

TEST: IA142   DATA SET/RUN NUMBER COLLATION SUMMARY   DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_S	SRB's β_S	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT162	ORB/ET/2SRB's	15	15	7	19		-8	4	200	A	0					1625	1626	1627
163					17			2	100							1628	1629	1630
164					17			2	150							1631	1632	1633
165					15			0	0							1652	1653	1654
166					15			0	50							1655	1656	1657
167					15			0	100							1658	1659	1660
168					13			-2	0							1643	1644	1645
169					13			-2	50							1646	1647	1648
170					13			-2	100							1649	1650	1651
171		-15		-15	19		0	4	200				1730	1731		1732		1733
172					17			2	100				1734	1735		1736		1737
173					17			2	150				1738	1739		1740		1741
174					15			0	0				1742	1743		1744		1745
175					15			0	50				1746	1747		1748		1749
176					15			0	100				1750	1751		1752		1753
177					13			-2	0				1754	1755		1756		1757
178					13			-2	50				1758	1759		1760		1761
179					13			-2	100				1762	1763		1764		1765

TEST RUN NUMBERS

A: 400 200 100 50 0 -150 -300

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON — 11 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_c	O/T β_o	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT501	ORB/ET/2SRB's	0	0	0	0		0	0	0	L	1225		375	377				
502										M			376	378				
503										N			385	388				
504										P			386	380				
505				↓			↓			Q			387	390				
506				-4			-4			N			413	416				
507										N			440	443				
508										P			414	417				
509										P			441	444				
510										Q			415	418				
511				↓			↓			Q			442	445				
512				-8			-8			R					459	456		
513										R					—	469		
514										S					—	457		
515										S					—	470		
516										T					460	458		
517		↓	↓	↓	↓		↓	↓	↓	T	↓				—	471		

TEST RUN NUMBERS

α OR β SCHEDULES

L = 400, 300, 250, 200, 175, 150, 125, 100, 75, 50, 25, 0, -50, -100, -200
M = -100, -50, 0, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400
N = 400, 300, 250, 200, 175, 150, 125, 100, 75, 50
P = 25, 0, -50, -100, -200, -100, -50, 0, 50
Q = 75, 100, 125, 150, 175, 200, 250, 300, 400
R = 400, 300, 250, 200, 175, 150, 125, 100
S = 75, 50, 25, 0, 25, 50, 75, 100
T = 125, 150, 175, 200, 250, 300, 400

TABLE II. (Continued)

BOTH SRB JETS ON — 12 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_c	O/T β_c	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's																	
VT518		0	0	0	4		0	4	200	U	642		511	512		513		514
519											1225		547	548		549		550
520								↓	↓		1500		583	584		585		586
					↓													
521					2			2	100		642		515	516		517		518
522											1225		551	552		553		554
523									↓		1500		587	588		589		590
524									150		642		519	520		521		522
525											1225		555	556		557		558
526					↓			↓	↓		1500		591	592		593		594
527					0			0	0		642		523	524		525		526
528										↓	1225		559	560		561		562
529								↓	↓	A,U*	1500		595*	597		598		599
530		↓	↓	↓	↓		↓	0	50	U	642		527	528		529		530

TEST RUN NUMBERS

α OR β SCHEDULES

A - 400, 200, 100, [illegible]

U - 400, 100, 0

TABLE II. (Continued)

BOTH [illegible] JETS ON 13 JEV

TEST: IA 142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_S	SRB's β_S		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT531	ORB/ET/2SRB's	0	0	0	0		0	0	50	U	1225		563	564		565		566
532									50	A	1500		600	601		602		603
533									100	U	642		531	532		533		534
534										U	1225		567	568		569		570
535					↓			↓	↓	A	1500		604	605		606		607
536					-2			-2	0	A	642		535	536		537		538
537											1225		571	572		573		574
538									↓		1500		608	609		610		611
539									50		642		539	540		541		542
540											1225		575	576		577		578
541									↓		1500		612	613		614		615
542									100		642		543	544		545		546
543											1225		579	580		581		582
544		↓	↓	↓	↓		↓	↓	↓	↓	1500		616	617		618		619

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400 200 100, 50, 0, -150, -200

U = 400, 100, 0

34

TABLE II. (Continued)

BOTH SRB JETS ON — 14 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's																	
VT545		0	0	-4	4		-4	4	200	U	642		656	657		658		659
546											1225		692	693		694		695
547					↓			↓	↓		1500		728	729		730		731
548					2			2	100		642		660	661		662		663
549											1225		696	697		698		699
550									↓		1500		732	733		734		735
551									150		642		664	665		666		667
552											1225		700	701		702		703
553					↓			↓	↓	↓	1500		736	737		738		739
554					0			0	0		642		668	669		670		671
555											1225		704	705		706		707
556								↓	↓	A, U*	1500		740*	741		742		743
557		↓	↓	↓	↓		↓	0	50	U	642		672	673		674		675

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON   15 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT558	ORB/ET/2SRB's	0	0	-4	0		-4	0	50	U	1225		708	709		710		711
559									50	A	1500		744	745		746		747
560									100	A	642		676	677		678		679
561										A	1225		712	713		714		715
562										A	1500		877	878		879		880
563					-2			-2	0	A	642		680	681		682		683
564										A	1225		716	717		718		719
565										A	1500		865	866		867		868
566									50	A	642		684	685		686		687
567										A	1225		720	721		722		723
568										A	1500		869	870		871		872
569									100	A	642		688	689		690		691
570										A	1225		724	725		726		727
571										A	1500		873	874		875		876

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200
U = 400, 100, 0

TABLE II. (Continued)

BOTH SRB JETS ON 16 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_s	SRB's β_s		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's																	
VT572		0	0	-8	4		-8	4	200	A	642					780	781	782
573											1225					810	811	812
574											1500					837	838	839
575					2			2	100		642					786	787	788
576											1225					813	814	815
577											1500					840	841	842
578									150		642					789	790	791
579											1225					816	817	818
580											1500					843	844	845
581					0			0	0		642					792	793	794
582											1225					819	820	821
583											1500					847	848	849
584									50		642					795	796	797

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON 17 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT585	ORB/ET/2SRB's	0	0	-8	0	-8	0	50	A	1225				822	823	824
586								50		1500				850	851	852
587								100		642				798	799	800
588										1225				825	826	827
589										1500				853	854	855
590					-2		-2	0		642				801	802	803
591										1225				828	829	830
592										1500				856	857	858
593								50		642				804	805	806
594										1225				831	832	833
595										1500				859	860	861
596								100		642				807	808	809
597										1225				834	835	836
598										1500				862	863	864

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON

18 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T		SRB's		SEPARATION PARAMETERS							Z, VERTICAL SEPARATION DIST. (TEST RUN NUMBERS)					
		α_c	β_c	α_B	β_B		$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		0	50	75	100	150	200
VT599	ORB/ET/2SRB's	0	10	-8	14		-8	4	200	A	1225					2157	2158	2159
600					12			2	100							2160	2161	2162
601					12			2	150							2163	2164	2165
602					10			0	0							2166	2167	2168
603					10			0	50							2169	2170	2171
604					10			0	100							2172	2173	2174
605					8			-2	0							2175	2176	2177
606					8			-2	50							2178	2179	2180
607					8			-2	100							2181	2182	2183
608		10	0	6	4		-4	4	200				2293			2294		2295
609					2			2	100				2269			2270		2271
610					2			2	150				2272			2273		2274
611					0			0	0				2275			2276		2277
612					0			0	50				2278			2279		2280
613					0			0	100				2281			2282		2282
614					-2			-2	0				2284			2285		2286
615					-2			-2	50				2287			2288		2289
616					-2			-2	100				2290			2291		2292

A: 400 200 100 50 0 -150 -200

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON   19 JEV

TEST: IA142   DATA SET/RUN NUMBER COLLATION SUMMARY   DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_c	O/T β_c	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT617	ORB/ET/2SRB's	10	0	10	4	0	4	200	A	1225	2211			2212		2213
618					2		2	100			2214			2215		2216
619					2		2	150			2217			2218		2219
620					0		0	0			2220			2221		2222
621					0		0	50			2223			2224		2225
622					0		0	100			2226			2227		2228
623					-2		-2	0			2229			2230		2231
624					-2		-2	50			2232			2233		2234
625		↓	↓	↓	-2	↓	-2	100			2235			2236		2237
626		10	10	2	14	-8	4	200						1877	1878	1879
627					12		2	100						1880	1881	1882
628					12		2	150						1883	1884	1885
629					10		0	0						1886	1887	1888
630					10		0	50						1889	1890	1891
631					10		0	100						1892	1893	1894
632					8		-2	0						1895	1896	1897
633					8		-2	50						1898	1899	1900
634		↓	↓	↓	8	↓	-2	100	↓	↓				1901	1902	1903

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

BOTH SRB JETS ON   20 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's																	
VT635		10	10	10	14		0	4	200	A	642		927	928		929		930
636											1225		963	964		965		966
637											1500		999	1000		1001		1002
638					12			2	100		642		931	932		933		934
639											1225		967	968		969		970
640											1500		1003	1004		1005		1006
641									150		642		935	936		937		938
642											1225		971	972		973		974
643											1500		1007	1008		1009		1010
644					10			0	0		642		939	940		941		942
645											1225		975	976		977		978
646											1500		1011	1012		1013		1014
647									50		642		943	944		945		946

TEST RUN NUMBERS

A - 400 200 100 50 0 -150 -200

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON — 21 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_s	SRB's β_s		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z. VERTICAL SEPARATION DIST. (TEST RUN NUMBERS) 0	50	75	100	150	200
VT 648	ORB/ET/2SRB's	10	10	10	10		0	0	50	A	1225		979	980		981		982
649									50		1500		1015	1016		1017		1018
650									100		642		947	948		949		950
651											1225		983	984		985		986
652											1500		1019	1020		1021		1022
653					8			-2	0		642		951	952		953		954
654											1225		987	988		989		990
655											1500		1023	1024		1025		1026
656									50		642		955	956		957		958
657											1225		991	992		993		994
658											1500		1027	1028		1029		1030
659									100		642		959	960		961		962
660											1225		995	996		997		998
661											1500		1031	1032		1033		1034

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

Both SRB Jets ON 22 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_c	O/T β_c	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z VERTICAL SEPARATION DIST. (TEST RUN NUMBERS) 0	50	75	100	150	200
	ORB/ET/2SRB's																	
VT662		10	10	6	14		-4	4	200	A	642		1073	1074		1075		1076
663					14			4	200		1500		1110	1111		1112		1113
664					12			2	100		642		1077	1078		1079		1080
665									100		1500		1118	1119		1120		1121
666									150		642		1081	1082		1083		1084
667									150		1500		1122	1123		1124		1125
668					10			0	0		642		1085	1086		1087		1088
669									0		1500		1126	1127		1128		1129
670									50		642		1089	1090		1091		1092
671									50		1500		1130	1131		1132		1133
672									100		642		1093	1094		1095		1096
673									100		1500		1134	1135		1136		1137

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

BOTH SRB JETS ON 23 JEY

TEST: IA142 DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_O	O/T β_O	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_C		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's																	
LVT674		10	10	6	8		-4	-2	0	A	642		1097	1098		1099		1100
675									0		1500		1138	1139		1140		1141
676									50		642		1101	1102		1103		1104
677									50		1500		1142	1143		1144		1145
678									100		642		1105	1106		1107		1108
679									100		1500		1146	1147		1148		1149
680		-10	10	-10	14		0	4	200		642		1186	1187		1188		1189
681					14			4	200		1500		1222	1223		1224		1225
682					12			2	100		642		1190	1191		1192		1193
683									100		1500		1226	1227		1228		1229
684									150		642		1194	1195		1196		1197
685									150		1500		1230	1231		1232		1233

TEST RUN NUMBERS

α OR β SCHEDULES

A- 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

BOTH SRB JETS ON	24 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T		SRB's		SEPARATION PARAMETERS							Z, VERTICAL SEPARATION DIST.					
		α_o	β_o	α_B	β_B		$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		0	50	75	100	150	200
VT686	ORB/ET/2SRB's	10	10	6	14		-4	4	200	A	1225		1767			1768		1769
687					12			2	100				1770			1771		1772
688					12			2	150				1773			1774		1775
689					10			0	0				1776			1777		1778
690					10			0	50				1779			1780		1781
691					10			0	100				1782			1783		1784
692					8			-2	0				1785			1786		1787
693					8			-2	50				1788			1789		1790
694					8			-2	100				1791			1792		1793
695		-10		-10	14		0	4	200				1258	1259		1260		1261
696					12			2	100				1278	1279		1280		1281
697					12			2	150				1282	1283		1284		1285
698					10			0	0				1286	1287		1288		1289
699					10			0	50				1290	1291		1292		1293
700					10			0	100				1294	1295		1296		1297
701					8			-2	0				1298	1299		1300		1301
702					8			-2	50				1302	1303		1304		1305
703					8			-2	100				1306	1307		1308		1309

TEST RUN NUMBERS

A = 400 200 100 50 0 -150 -200

α OR β SCHEDULES

TABLE II. (Continued)

BOTH SRB JETS ON 25 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_s	SRB's β_s	SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
	ORB/ET/2SRB's															
VT 704		-10	10	-10	10	0	0	0	A	642	1198	1199		1200		1201
705								0		1500	1234	1235		1236		1237
706								50		642	1202	1203		1204		1205
707								50		1500	1238	1239		1240		1241
708								100		642	1206	1207		1208		1209
709								100		1500	1242	1243		1244		1245
710					8		-2	0		642	1210	1211		1212		1213
711								0		1500	1246	1247		1248		1249
712								50		642	1214	1215		1216		1217
713								50		1500	1250	1251		1252		1253
714								100		642	1218	1219		1220		1221
715								100		1500	1254	1255		1256		1257

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

Both SRB Jets On 26 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VT716	ORB/ET/2SRB's	-10	10	-14	14		-4	4	200	A	1225			1931		1932		1933
717					12			2	100					1934		1935		1936
718					12			2	150					1937		1938		1939
719					10			0	0					1940		1941		1942
720					10			0	50					1943		1944		1945
721					10			0	100					1946		1947		1948
722					8			-2	0					1949		1950		1951
723					8			-2	50					1953		1954		1955
724					8			-2	100					1956		1957		1958
725				-18	14		-8	4	200							1986	1987	1988
726					12			2	100							1989	1990	1991
727					12			2	150							1992	1993	1994
728					10			0	0							1995	1996	1997
729					10			0	50							1998	1999	2000
730					10			0	100							2001	2002	2003
731					8			-2	0							2004	2005	2006
732					8			-2	50							2007	2008	2009
733					8			-2	100							2010	2011	2012

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

LEFT SRB JETS ON

27 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T		SRB's		SEPARATION PARAMETERS							Z, VERTICAL SEPARATION DIST. (TEST RUN NUMBERS)					
		α_o	β_o	α_B	β_B		$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		0	50	75	100	150	200
VTL01	ORB/ET/2SRB's	0	0	0	0		0	0	0	N	1225		391	394				
L02										P			392	395				
L03										Q			393	396				
L04				-4			-4			N			419	421				
L05										N			431	428				
L06										P			—	422				
L07										P			426	429				
L08										Q			420	423				
L09										Q			427	430				
L10				-8			-8			R						461		
L11										R						467		
L12										S						462		
L13										T						463		
L14										T						468		

α OR β SCHEDULES

N = 400, 300, 250, 200, 175, 150, 125, 100, 75, 50
P = 25, 0, -50, -100, -200, -100, -50, 0, 50
Q = 75, 100, 125, 150, 175, 200, 250, 300, 400
R = 400, 300, 250, 200, 175, 150, 125, 100
S = 75, 50, 25, 0, 25, 50, 75, 100
T = 125, 150, 175, 200, 250, 300, 400

TABLE II. (Continued)

LEFT SRB JET ON 28 JEV

TEST: IA142 DATA SET/RUN NUMBER COLLATION SUMMARY DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTL15	ORB/ET/2SRB's	10	10	6	14		-4	4	200	A	1225		1794			1795		1796
L16					12			2	100					1820		1821		1822
L17					12			2	150				1799			1800		1801
L18					10			0	0					1802		1803		1804
L19					10			0	50					1805		1806		1807
L20					10			0	100					1808		1809		1810
L21					8			-2	0					1811		1812		1813
L22					8			-2	50					1814		1815		1816
L23					8			-2	100					1817		1818		1819
L24		-10	10	-10	14		0	4	200				1262	1263		1264		1265
L25					12			2	100				1274	1275		1276		1277
L26					12			2	150				1310	1311		1312		1313
L27					10			0	0				1314	1315		1316		1317
L28					10			0	50				1318	1319		1320		1321
L29					10			0	100				1322	1323		1324		1325
L30					8			-2	0				1326	1327		1328		1329
L31					8			-2	50				1330	1331		1332		1333
L32					8			-2	100				1334	1335		1336		1337

TEST RUN NUMBERS

α OR β SCHEDULES

TABLE II. (Continued)

LEFT SRB JET ON 29 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS	$\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTL33	ORB/ET/2SRB's	15	15	15	19		0	4	200	A	1225		1404	1405		1406		1407
L34					17			2	100				1408	1409		1410		1411
L35					17			2	150				1412	1413		1414		1415
L36					15			0	0				1416	1417		1418		1419
L37					15			0	50				1420	1421		1422		1423
L38					15			0	100				1424	1425		1426		1427
L39					13			-2	0				1428	1429		1430		1431
L40					13			-2	50				1432	1433		1434		1435
L41					13			-2	100				1436	1437		1438		1439
L42				11	19		-4	4	200				1516	1517		1518		1519
L43					17			2	100				1520	1521		1522		1523
L44					17			2	150				1524	1525		1526		1527
L45					15			0	0					1528		1529		1530
L46					15			0	50					1535		1536		1537
L47					15			0	100					1538		1539		1540
L48					13			-2	0					1541		1542		1543
L49					13			-2	50					1544		1545		1546
L50					13			-2	100				1550	1547		1548		1549

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

LEFT SRB JET ØN   30 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_s	SRB's β_s		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTL51	ORB/ET/2SRB's	15	15	7	19		-8	4	200	A	1225					1661	1662	1663
L52					17			2	100							1664	1665	1666
L53					17			2	150							1667	1668	1669
L54					15			0	0							1694	1695	1696
L55					15			0	50							1697	1698	1699
L56					15			0	100							1700	1701	1702
L57					13			-2	0							1685	1686	1687
L58					13			-2	50							1688	1689	1690
L59					13			-2	100							1691	1692	1693

TEST RUN NUMBERS

A= 400 200 100 50 0 -150 -200

α OR β SCHEDULES

TABLE II. (Continued)

RIGHT SRB JET ON — 31 JEV

TEST: IA 142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_S	SRB's β_S	SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTR01	ORB/ET/2SRB's	0	10	0	14	0	4	200	A	1225	2040			2041		2042
R02					12		2	100			2043			2044		2045
R03					12		2	150			2046			2047		2048
R04					10		0	0			2049			2050		2051
R05					10		0	50			2052			2053		2054
R06					10		0	100			2055			2056		2057
R07					8		-2	0			2058			2059		2060
R08					8		-2	50			2061			2062		2063
R09					8		-2	100			2064			2065		2066
R10				-4	14	-4	4	200			2103			2104		2105
R11					12		2	100			2106			2107		2108
R12					12		2	150			2109			2110		2111
R13					10		0	0			2112			2113		2114
R14					10		0	50			2115			2116		2117
R15					10		0	100			2118			2119		2120
R16					8		-2	0			2121			2122		2123
R17					8		-2	50			2124			2125		2126
R18					8		-2	100			2127			2128		2129

TEST RUN NUMBERS

α OR β SCHEDULES

A = 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

RIGHT SRB JET ON

32 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_c	O/T β_c	SRB's α_B	SRB's β_B	SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c	Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTR19	ORB/ET/2SRB's	10	10	6	14	-4	4	200	A	1225		1823		1824		1825
R20					12		2	100				1826		1827		1828
R21					12		2	150				1829		1830		1831
R22					10		0	0				1832		1833		1834
R23					10		0	50				1835		1836		1837
R24					10		0	100				1838		1839		1840
R25					8		-2	0				1841		1842		1843
R26					8		-2	50				1844		1845		1846
R27					8		-2	100				1847		1848		1849
R28		-10	10	-10	14	0	4	200			1266	1267		1268		1269
R29					12		2	100			1270	1271		1272		1273
R30					12		2	150			1338	1339		1340		1341
R31					10		0	20			1342	1343		1344		1365
R32					10		0	50			1345	1346		1347		1348
R33					10		0	100			1349	1350		1351		1352
R34					8		-2	0			1353	1354		1355		1356
R35					8		-2	50			1357	1358		1359		1360
R36					8		-2	100			1361	1362		1363		1364

TEST RUN NUMBERS

A = 400, 200, 100, 50 0 -150 -200

α OR β SCHEDULES

TABLE II. (Continued)

RIGHT SRB JET ON — 33 JEV

TEST: IA142 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		Separation Parameters $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, Vertical Separation Dist. 0	50	75	100	150	200
VTR37	ORB/ET/2SRB's	15	15	15	19		0	4	200	A	1225		1440	1441		1442		1443
R38					17			2	100				1444	1445		1446		1447
R39					17			2	150				1448	1449		1450		1451
R40					15			0	20				1472	1473		1474		1475
R41					15			0	50				1452	1453		1454		1455
R42					15			0	100				1456	1457		1458		1459
R43					13			-2	0				1460	1461		1462		1463
R44					13			-2	50				1464	1465		1466		1467
R45		↓	↓	↓	13		↓	-2	100				1468	1469		1470		1471
R46		15	15	11	19		-4	4	200				1551	1552		1553		1554
R47					17			2	100				1555	1556		1557		1558
R48					17			2	150				1559	1560		1561		1562
R49					15			0	0				1587	1588		1589		1590
R50					15			0	50				1593	1594		1595		1596
R51					15			0	100				1597	1598		1599		1600
R52					13			-2	0				1575	1576		1577		1578
R53					13			-2	50				1579	1580		1581		1582
R54		↓	↓	↓	13		↓	-2	100	↓	↓		1583	1584		1585		1586

TEST RUN NUMBERS

α OR β SCHEDULES

A: 400, 200, 100, 50, 0, -150, -200

TABLE II. (Continued)

RIGHT SRB JET ON 34 JEV

TEST: IA142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	O/T α_o	O/T β_o	SRB's α_B	SRB's β_B		SEPARATION PARAMETERS $\Delta\alpha$	$\Delta\beta$	Y	X	P_c		Z, VERTICAL SEPARATION DIST. 0	50	75	100	150	200
VTR55	ORB/ET/2SRB's	15	15	7	19		-8	4	200	A	1225					1703	1704	1705
R56		↓	↓	↓	17		↓	2	100	↓	↓					1706	1707	1708
R57					17			2	150							1709	1710	1711
R58					15			0	0							1712	1713	1714
R59					15			0	50							1715	1716	1717
R60					15			0	100							1718	1719	1720
R61					13			-2	0							1721	1722	1723
R62					13			-2	50							1724	1725	1726
R63					13			-2	100							1727	1728	1729

TEST RUN NUMBERS

A = 400, 200, 100, 50, 0, -150, -200

α OR β SCHEDULES

TABLE II. (Concluded)

ISOLATED ϕ/ET

35 JEV

TEST: IA 142

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/14/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES	δ_e	δ_{BF}	δ_{SB}						NO. OF RUNS	MACH NUMBERS 4.5			
ϕVTI01	ORB/ET	A	0		0	0	0							446			
I02		A	0											752			
I03		C	0											447			
I04		A	0											882			
I05		B	0											883			
I06		C	0											884			
I07		A	5											448			
I08		C	5											449			
I09		B	5											885			
I10		C	5											886			
I11		B	10											887			
I12		C	10											888			
I13		B	15											889			
I14		C	15											890			
I15		0	C											1109			

TEST RUN NUMBERS

α OR β SCHEDULES

A = 0, -5, -10, -10, -5, 0

B = 0, -5, -10, -15, -10, -5, 0

C = 5, 10, 15, 10, 5, 0

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{28}

GENERAL DESCRIPTION: Rear orbiter to ET attach structure (left-hand and right-hand) (two members)

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B

DIMENSIONS:

	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_O	1317.00	13.17
		Y_O	- 96.50 (LH)	- 0.96
			96.50 (RH)	0.96
		Z_O	267.50	2.67
		X_T	2058.0	20.58
		Y_T	- 96.50 (LH)	- 0.96
			96.50 (RH)	0.96
		Z_T	515.50	5.15
	#2	X_O	1317.0	13.17
		Y_O	- 96.50 (LH)	- 0.96
			96.50 (RH)	0.96
		Z_O	267.50	2.67
		X_T	1872.0	18.72
		Y_T	- 125.68 (LH)	- 1.25
			125.68 (RH)	1.25
		Z_T	504.5	5.04
Diameter, In.	#1		11.5	0.11
	#2		15.5	0.15

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ATTACH STRUCTURE - AT_{130}

GENERAL DESCRIPTION: Forward orbiter/ET attach structure (2 members structure).

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01692

DIMENSIONS:	MEMBER		FULL SCALE		MODEL SCALE
Orbiter attach point	#1	X_O	388.9		3.889
		Y_O	0	(LH)	0
			0	(RH)	0
		Z_O	283.8		2.838
		X_T	1129.9		11.299
		Y_T	0	(LH)	0
			0	(RH)	0
		Z_T	620.3		6.203
Tank attach point		X_T	388.9		3.889
		Y_T	42.75	(LH)	.4275
			42.75	(RH)	.4275
		Z_T	227.5		2.275
		X_O	1129.9		11.299
		Y_O	42.75	(LH)	.4275
			42.75	(RH)	.4275
		Z_O	564.0		5.640

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ATTACH STRUCTURE - AT_{131}

GENERAL DESCRIPTION: Aft Orbiter/ET attach structure

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01692

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Upper attach point:	X_O		13.17
	Y_O		.87
	Z_O		2.67
	X_T		20.58
	Y_T		.87
	Z_T		6.04
ET attach point:	X_T		20.58
	Y_T		.14
	Z_T		1.72
	X_O		13.17
	Y_O		.14
	Z_O		2.36

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY - B_{62}

GENERAL DESCRIPTION: Configuration 140 C orbiter fuselage, MCR 200-R_4. Similar to 140 A/B fuselage except aft body revised and improved mid-body-wing-boot fairing, X_o = 940 to X_o = 1040.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, -000202C, -000205A, -000200B, -000203A.

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (IML: Fwd. Sta. X_o = 238), In.	1290.3	12.903
Length (OML: Fwd. Sta. X_o = 235), In.	1293.3	12.933
Max Width (@ X_o = 1528.3), In.	264.0	2.640
Max Depth (@ X_o = 1464), In.	250.0	2.500
Fineness Ratio	4.899	4.899
Area - Ft^2		
Max. Cross-Sectional	340.885	.03409

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C_{12}

GENERAL DESCRIPTION: Configuration 140 C orbiter canopy, vehicle c bin No. 31 updated to MCR 200-R_4. Used with fuselage B_{62}.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C -000202B, -000204

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_o = 434.643-578), In.	143.357	1.43
Max Width (@ X_o = 513.127), In.	152.412	1.52
Max Depth (Z_o = 501 to 449.39), In.	51.61	0.51

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON - E_{44}

GENERAL DESCRIPTION: 6.0 in F.S. gaps machined into E_{26} elevon. Flapper doors, centerbody pieces, and tipseals are not simulated. (Data are for one of two sides).

MODEL SCALE: 0.010

DRAWING NUMBER:

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area, Ft^2	210.00	0.021
Span (equivalent), In.	349.2	3.492
Inb'd equivalent chord, In.	118.0	1.180
Outb'd equivalent chord, In.	55.19	0.552
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
Area Moment (Product of Area & $\bar{c}$), Ft^3	1587.25	0.00159
Mean Aerodynamic Chord, In.	90.7	0.907

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP - F_{10}

GENERAL DESCRIPTION: Configuration 140 C body flap. Hingeline loc ted at X_o= 1532, Z_o = 238.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, VL70-355114

DIMENSIONS:

	FULL SCALE	MODEL SC E
Length (X_o = 1525.5 to X_o = 1613), In.	87.50	0.87
Max Width (@ L.E., X_o = 1525.5), In.	256.00	2.56
Max Depth (X_o = 1532), In.	19.798	0.19
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional (@H.L.)	35.196	.00 52
Planform	135.00	.01 50
Wetted		
Base (X_o = 1613)	4.89	

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: FEEDLINE - FL_{10}

GENERAL DESCRIPTION: LH_2 feedline on upper left-hand side of T_{35}

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	2071.5	20.715
	Y_T	- 70.0	- 0.700
	Z_T	573.934	5.739
Trailing edge at:	X_T	2081.8	20.818
	Y_T	- 70.0	- 0.700
	Z_T	584.059	5.841
Line diameter (17.0 I.D.)		18.160	0.182

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: FEEDLINE - FL_{11}

GENERAL DESCRIPTION: LO_2 feedline on upper right-hand side of T_{35}.

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1000.667	10.00
	Y_T	70.00	0.70
	Z_T	150.519	1.50
Trailing edge at:	X_T	2071.5	20.71
	Y_T	70.00	0.70
	Z_T	573.934	5.73
Line diameter (17.0 I.D.)		18.16	0.18

Centerline of line located radially at $\phi = 113^{\circ}04'$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: FAIRING - FR_{10}

GENERAL DESCRIPTION: Umbilical door fairing between aft ET/Orbiter attach structure.

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B, Martin-Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at	X_T	2052.0	20.520
Length		193.0	1.930
Width		15.00	0.150

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition	
FR_{14}	External Tank nose cable fairing per model dwg. SS-A01668-5 located at:	
	Model Scale	Full Scale
	X_T = 3.490 → 3.710	X_T = 349.00 → 371.00
	ϕ = 31°31'	ϕ = 31°31'
FR_{15}	External Tank nose probe fairing per model dwg. SS-A01668-5 located at:	
	Model Scale	Full Scale
	X_T = 3.413 → 3.710	X_T = 341.30 → 371.00
FR_{16}	External Tank LO_2 feedline (F11) fairing per model dwg. SS-A01668-3 located at:	
	Model Scale	Full Scale
	X_T = 9.820 → 10.420	X_T = 982.00 → 1042.0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition
FR_{17}	External Tank LO_2 antigeyser line (PT_{23}) fairing per model dwg. SS-A01668-3. Located at:

Model Scale	Full Scale
X_T = 9.860 → 10.460	X_T = 986.00 → 1046.00
ϕ = 33°45'	ϕ = 33°45'

Component	Definition
FR_{18}	External Tank aft electrical conduit (PT_{25}) fairing per model dwg. SS-A01668-3. Located at:

Model Scale	Full Scale
X_T = 10.670 → 10.820	X_T = 1067.00 → 1082.00
ϕ = 37°30'	ϕ = 37°30'

Component	Definition
FR_{19}	External Tank LH_2 pressure line (PT_{33}) fairing per model dwg. SS-A01668-9. Located at:

Model Scale	Full Scale
X_T = 10.600 → 11.269	X_T = 1060.00 → 1126.90
ϕ = 30°0'	ϕ = 30°0'

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS POD - M_{16}

GENERAL DESCRIPTION: Configuration 140 C orbiter OMS pod - Short pod.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-008401, VL70-008410

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Length (OMS Fwd. Sta. X_o = 1310.5), In.	258.50	2.58
Max Width (@ X_o = 1511), In.	136.8	1.36
Max Depth (@ X_o = 1511), In.	74.70	0.74
Fineness Ratio	2.484	2.48
Area - Ft^2		
Max. Cross-Sectional	58.864	0.00 39

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: NOZZLES - N_{89}

GENERAL DESCRIPTION: OMS nozzle in stowed position which is outboard 8 deg. and down 7 deg. from null position. Use with M_{16}.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01279

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length - In.		
Gimbal Point to Exit Plane	56.0	0.560
Diameter - In.		
Exit (O.D.)	50.0	0.50
Gimbal Point (Station) - In.		
X_o	1518.00	15.180
Y_o	88.00	0.880
Z_o	492.0	4.920
Null Position - Deg.		
Pitch	15°49'	15°49'
Yaw	6°30'	6°30'

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SRB FWD. SEPARATION NOZZLE BLOCK - N_{101}

GENERAL DESCRIPTION: Fwd. separation nozzles for Vehicle 5 Configuration solid rocket booster.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01690

DIMENSIONS:	FULL SCALE	MODEL SCALE
Diameter - In.		
Exit	12.14	.121
Throat	7.00	.07
Inlet	7.00	.070
Lip Angle	13°	13°
Area - Ft^2		
Exit	.8038	.000 8038
Throat	.2673	.000 2673
Design exit Mach No.	2.64	2.64
No of nozzles	4 (in two blocks)	

Centerline of the two fwd. nozzles @ X_s 2.854

Centerline of the two aft nozzles@ X_s 3.081

Nozzles canted 20 degrees forward, away from O/ET

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SRB AFT SEPARATION NOZZLE BLOCK - N_{102}

GENERAL DESCRIPTION: Aft separation nozzles for Vehicle 5 Configuration solid rocket booster.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01690

DIMENSIONS:	FULL SCALE	MODEL SCALE
Diameter	12.14	.1214
Exit	7.00	.0700
Throat	7.00	.0700
Inlet	13^{o}	13^{o}
Lip Angle		
Area - Ft^2		
Exit	.8038	.00008038
Throat	.2673	.00002673
Design Exit Mach No.	2.64	2.64
No. of nozzles	4 (In two blocks)	

Centerline of the four (4) nozzles @ X_s 18.90 - nozzle mounted on SRB aft shut, canted 20^{o} aft, away from O/ET

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: MPS NOZZLES - N_{103}

GENERAL DESCRIPTION: Non-flow-through MPS nozzle dummy nozzle - sa ıe external dim. as N_{87}

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01687

DIMENSIONS:	FULL SCALE	MODEL SC ,E
MACH NO.		
Length- In.		
Gimbal Point to Exit Plane	--	--
Throat to Exit Plane		
Diameter - In.		
Exit	--	--
Throat		
Inlet		
Area - Ft^2		
Exit	--	--
Throat		
Gimbal Point (Station) - In.		
Upper Nozzles		
X	1445.00	14.450
Y	0.0	0.0
Z	443.00	4.430
Lower Nozzles		
X	1468.17	14.682
Y	±53.0	0.530
Z	342.64	3.426
Null Position - Deg.		
Upper Nozzle		
Pitch	16°	16°
Yaw	0°	0°
Lower Nozzle		
Pitch	10°	10°
Yaw	0	0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SOLID ROCKET BOOSTER NOZZLES - N_{106}

GENERAL DESCRIPTION: SRB nozzle to lines used with S_{22}

MODEL SCALE: 0.010

DRAWING NUMBER: VC77-000002D

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Diameter, D_{ex} - In. (I.D.)	(exit)	145.64	1.456
Diameter, D_{ex} - In. (O.D.)	(exit)	147.64	1.476
Diameter, DT - In.	(throat)	--	--
Diameter, D_{in} - In.	(inlet)	--	--
Area - Ft^2		115.688	0.0116
Gimbal Center Coordinates:			
Left Nozzle			
X_B - cold		1863.458	18.635
X_B - hot		1875.358	18.754
Y_O		- 250.50	- 2.505
Z_T		400.0	4.000
Right Nozzle			
X_B - cold		1863.458	1.863
X_B - hot		1875.358	1.875
Y_O		250.50	2.505
Z_T		400.0	4.000
Null Position - Deg.			
Left Nozzle			
Pitch		±8	±8
Yaw			
Right Nozzle			
Pitch		±8	±8
Yaw			

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SRB PROTUBERANCE - PS_{20}

GENERAL DESCRIPTION: Electrical tunnel on SRB side, 30° taper L. 1 . circular cross-section with mounting flange. Tunnel discontinued : rom X_B 15.022 to X_B 15.199.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01667 and SS-A01690

DIMENSIONS:	FULL SCALE	MODEL SC LE
Length, In.	1384.7	13.84
Tunnel, Depth	4.30	.04
Max Width	16.90	.16
Max Depth @ L.E.	7.30	.07
Radius	8.30	.08
Tapes @ L.E.	30°	30°
Radius @ L.E.	11.40	.114

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SRB PROTUBERANCE - PS_{26}

GENERAL DESCRIPTION: SRB aft attach point stiffener ring, trimmed and enclosed from PS_{14}, extends for 292.7 deg. around 146 in SRB

MODEL SCALE: 0.010

DRAWING NUMBER: VC77-000002F, ICD-2-000001 Rev. A, see Dwg.

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In.	17.70	0.177
Max Width varies zero to 16.20"		
Location ℄ XB	1511.1	15.111

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition
PS_{27}	SRB Nozzle Actuator Struts, protuberance on SRB nozzle skirt, defined by ICD-2-00001, Rev. B
PS_{28}	Solid Rocket Booster separation rocket motor fairings per model dwg. SS-A01667-38. Located on SRB skirt aft of rear structural ring at $\phi = 0 \rightarrow 36^\circ$ RH; $324 \rightarrow 360^\circ$ LH
PS_{29}	Solid Rocket Booster tiedown struts located on SRB skirt per model dwg. SS-A01667-30 located at:
PS_{31}	Solid Rocket Booster command antenna per model dwg. SS-A01667-28, located at:
PS_{32}	Solid Rocket Booster data capsule and camera per model dwg. SS-A01667-26, located at:
PS_{33}	Solid Rocket Booster 3 intermediate structural rings per model dwg. SS-A01667-8, located at:

PS_{29}:

Model Scale	Full Scale
$X_B = 18.603 \rightarrow 19.306$	$X_B = 1860.30 \rightarrow 19$[illegible]$0.60$
$\phi = 30^\circ, 150^\circ, 210^\circ, 330^\circ$	$\phi = 30^\circ, 150^\circ, 21$[illegible]$, 330^\circ$

PS_{31}:

Model Scale	Full Scale
$X_B = 4.026 \rightarrow 4.526$	$X_B = 402.60 \rightarrow 452.60$
$\phi = 0^\circ$ & 180°	$\phi = 0^\circ$ & 180°

PS_{32}:

Model Scale	Full Scale
$X_B = 4.017 \rightarrow 4.402$	$X_B = 401.70 \rightarrow 440.$[illegible]$0$
$\phi = 90^\circ$ RH	$\phi = 90^\circ$ RH
$= 270^\circ$ LH	$= 270^\circ$ LH

PS_{33}:

Model Scale	Full Scale
$X = 16.559$	$X = 1655.90$
$= 17.319$	$= 1731.90$
$= 17.760$	$= 1776.00$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component

PS_{34} Solid Rocket Booster aft cable housing per model drawing SS-A01667-12, located at:

Model Scale	Full Scale
$X_B = 4.726 \rightarrow 18.554$	$X_B = 472.60 \rightarrow 1855.40$
$\phi = 90^\circ$ RH	$\phi = 90^\circ$ RH
$= 180^\circ$ LH	$= 180^\circ$ LH

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: SRB PROTUBERANCE - PS_{35}

GENERAL DESCRIPTION: Ring stiffener located at the point where the skirt flares. The stiffener is on I-beam.

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01690

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Height, In.	7.9	.079
Length, In.	3.0	.030
Location ℄ X_B =	1837.4	18.374

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: LO_2 RECIRCULATION LINE - PT_{23}

GENERAL DESCRIPTION: LO_2 recirculation line on right-hand upper side of T_{35}

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B, Martin-Marietta 82600207000

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1040.667	10.407
	Y_T	94.169	0.942
	Z_T	540.934	5.409
Trailing edge at:	X_T	2062.920	20.629
	Y_T	70.0	0.700
	Z_T	573.934	5.739
Line diameter		4.0	0.040

Centerline of line located radially at $\phi = 33^{\circ}45'$
(Right of TDC looking forward)

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: EXTERNAL TANK PROTUBERANCES - PT_{25}

GENERAL DESCRIPTION: Right-hand electrical conduit line on T_{35} wi· ı LH_2 pressure sensors line and LO_2 vent valve actuator line.

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B, Martin-Marietta 826002('000

DIMENSIONS:

		FULL SCALE	MODEL SC· E
Leading edge at:	X_T	371.0	
	Y_T		
	Z_T		
Trailing edge at:	X_T	847.8	
	Y_T		
	Z_T	2.0 x 6.0	0.2 x .06
Line diameter			

Centerline of line located radially at $\phi = 31^\circ 31'$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: LO_2 PRESSURE LINE - PT_{26}

GENERAL DESCRIPTION: LO_2 pressure line on the T_{35}

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B, Martin-Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	360.733	3.607
	Y_T	15.145	.1515
	Z_T	407.718	4.077
Trailing edge at:	X_T	2083.5	20.835
	Y_T	63.25	0.633
	Z_T	609.0	6.090
Line diameter		2.0	0.020

Centerline of line located radially at $\phi = 27^{\circ}$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELECTRICAL LINE - PT_{29}

GENERAL DESCRIPTION: Left-hand electrical conduit line on T_{35}

MODEL SCALE: 0.010

DRAWING NUMBER:

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	371.0	3.710
	Y_T		
	Z_T		
Trailing edge at:	X_T	847.8	8.478
	Y_T		
	Z_T		
Line diameter			

Centerline of line located radially at $\phi = 31^{\circ}31'$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition	
PT_{33}	External Tank LH_2 pressure line per model dwg. SS-A01668-9. Located at:	
	Model Scale	**Full Scale**
	X_T = 10.600 → 20.580	X_T = 1060.00 → 2058.00
	ϕ = 330°0'	ϕ = 330°0'
PT_{39}	External Tank nose probe per model dwg. SS-A01668-5. Located at:	
	Model Scale	**Full Scale**
	X_T = 3.225 → 3.413	X_T = 332.5 → 341.3
	Max. Dia. = .069 in.	Max. Dia. = 6.90 in.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: RUDDER - R_5

GENERAL DESCRIPTION: Configuration 140C orbiter rudder (identical to configuration 140A/B rudder)

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000146B, -000095

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area, Ft^2	100.15	0.010 2
Span (equivalent), In.	201.00	2.010
Inb'd equivalent chord, In.	91.585	0.916
Outb'd equivalent chord, In.	50.833	0.508
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of Area and $\bar{c}$), Ft^3	610.92	0.000 10
Mean Aerodynamic Chord, In.	73.2	0.73

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S_{24}

GENERAL DESCRIPTION: Booster Solid Rocket - modified Vehicle 5

MODEL SCALE: 0.010

DRAWING NUMBER: SS-A01690

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Length (Includes Nozzle) - In.	1789.6	17.896
Max. Width (Tank Dia.) - In.	150.0	1.500
Max. Depth (Aft Shroud) - In.	208.0	2.08
Fineness Ratio	11.931	11.931
Area - Ft^2		
Max. Cross-Sectional	236.0	.02360
Planform		
Wetted		
Base		
WP of BSRM Centerline (Z_T) - In.	400.00	4.00
FS of BSRM Nose (X_T) - In.	200.00	2.00

TABLE III. MODEL DIMENSIONAL DATA (Continued)

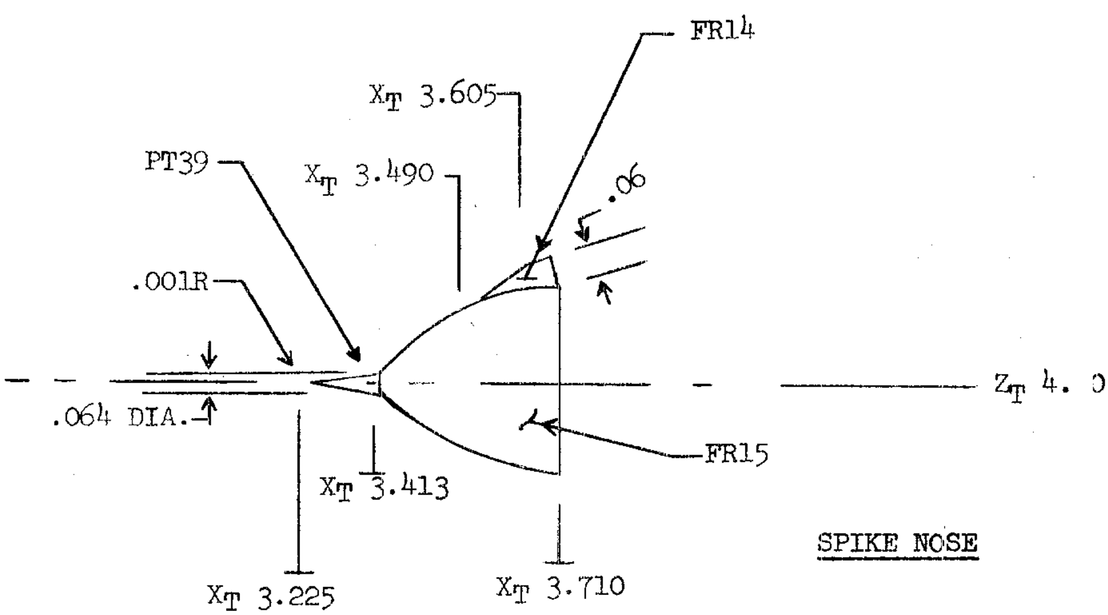
MODEL COMPONENT: EXTERNAL TANK - T_{35}

GENERAL DESCRIPTION: External oxygen-hydrogen tank per Rockwell dr wings SS-A01692 and SS-A01689, ICD 2-00001 Rev. B

MODEL SCALE: 0.010

DRAWING NUMBER: VC78-00002

DIMENSIONS:	FULL SCALE	MODEL SCA E
Length - In.	1852.5	18.525
Max Width (Dia.) - In.	333	3.33
Fineness Ratio L/D	5.5631	5.563
Area - Ft^2		
Max Cross-Sectional	604.81	6.048
W.P. of Tank Centerline (X_T) in.	400.0	4.0



SPIKE NOSE

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 140C orbiter vertical tail (identical to configuration 140A/B vertical tail).

MODEL SCALE: 0.010

DRAWING NUMBER: V70-000140C, -000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.), ft^2		
Planform	413.253	0.0413
Span (Theo.), in.	315.720	3.157
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo.) WP	268.500	2.685
Tip (Theo.) WP	108.470	1.085
MAC	199.808	1.998
Fus. Sta. of .25 MAC	1463.50	14.635
W.P. of .25 MAC	635.522	6.355
B.L. of .25 MAC	0.000	0.000
Airfoil Section		
Leading Wedge Angle, deg.	10.000	10.000
Trailing Wedge Angle, deg.	14.920	14.920
Leading Edge Radius	2.00	.020
Void Area	13.17	0.00131
Blanketed Area	0.00	0.000

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: WING - W_{116}

GENERAL DESCRIPTION: Configuration 140A/B orbiter wing.

NOTE: Identical to W_{114} except airfoil thickness. Dihedral angle i along trailing edge of wing.

MODEL SCALE: 0.010 DRAWING NO.: VL70-000140A, -000200

DIMENSIONS:	FULL SCALE	MODEL SC LE
TOTAL DATA		
Area (Theo.), ft^2		
Planform	2690.00	0.2 90
Span (Theo.), in.	936.68	9.3 7
Aspect Ratio	2.265	2.2 5
Rate of Taper	1.177	1.1 7
Taper Ratio	0.200	0.2 0
Dihedral Angle, degrees	3.500	3.5 0
Incidence Angle, degrees	0.500	0.5 0
Aerodynamic Twist, degrees	+ 3.000	+ 3.0 0
Sweep Back Angles, degrees		
Leading Edge	45.000	45.0 0
Trailing Edge	- 10.056	- 10.0 6
0.25 Element Line	35.209	35.2 9
Chords:		
Root (Theo.) B.P.O.O.	689.24	6.8 2
Tip, (Theo.) B.P.	137.85	1.3 9
MAC	474.81	4.7 8
Fus. Sta. of .25 MAC	1136.83	11.3 8
W.P. of .25 MAC	290.58	2.9 6
B.L. of .25 MAC	182.13	1.8 3
EXPOSED DATA		
Area (Theo.), ft^2	1751.50	0.1 52
Span, (Theo.), in. BP108	720.68	7.2 7
Aspect Ratio	2.059	2.0 9
Taper Ratio	0.245	0.2 5
Chords		
Root BP108	562.09	5.6 1
Tip 1.00 b/2	137.85	1.3 9
MAC	392.83	3.9 8
Fus. Sta. of .25 MAC	1185.98	11.8 0
W.P. of .25 MAC	395.40	3.9 4
B.L. of .25 MAC	251.77	2.5 8
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root b/2 =	0.113	0.1 3
Tip b/2 =	0.120	0.1 0
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area, ft^2	113.18	0.0 13
Leading Edge Intersects Fus M.L. @ Sta	500.00	5.0 0
Leading Edge Intersects Wing @ Sta	1024.00	10.2 0

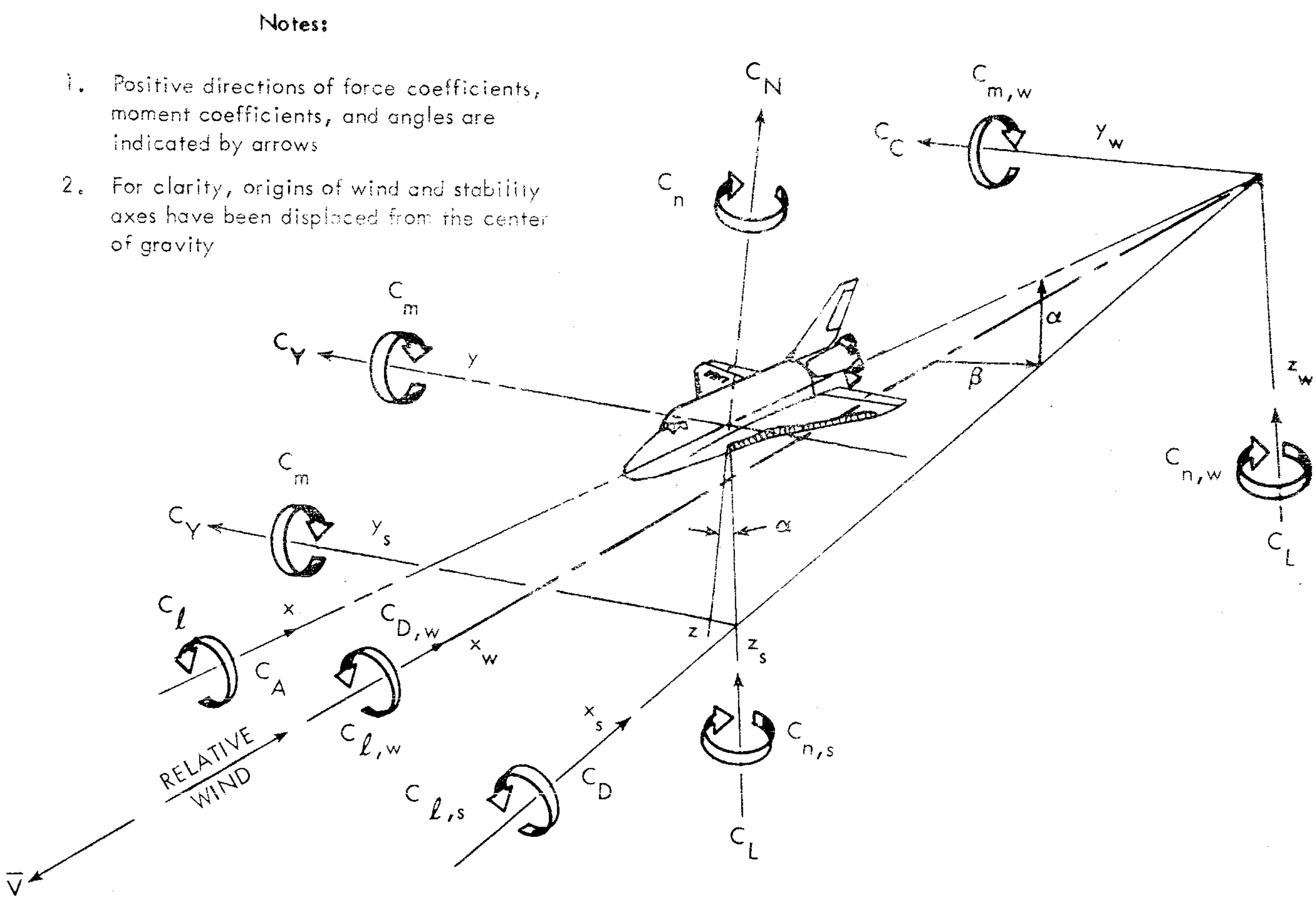
TABLE IV. SUMMARY OF FLOW SIMULATION PARAMETERS FOR THE BSM

A. FREE STREAM CONDITIONS	FREE FLIGHT	WIND TUNNEL
Dynamic Pressures, Q(PSF)	55.0	165.6
Mach Number, M	4.46	4.5
Altitude, h (ft)	142,830	----
Reynolds Number, R_e	*6.95 x 10^6	1.62 x 10^6

B. BSM FLOW CHARACTERISTICS	PROTOTYPE	MODEL
Chamber Pressure, P_c (psia)	1800	1134
Chamber Temperature, T_c (°R)	5435	530
Average Specific Heat Ratio, γ	1.22	1.4
Nozzle Expansion Ratio, ϵ	5.826	3.00
Nozzle Lip Angle, θlip (deg.)	8	13
Nozzle Exit Area, A_e (In^2)	44.94	0.01157
Exit Mach Number, M_e	2.94	2.64
Exit Pressure, P_e (psia)	44.50	53.4
Mass Flow Rate/Jet, $\dot{m}$ (lbm/sec)	86	0.1009
Momentum/jet, $\dot{m}$ V_e (lb_f)	20,000	6.03
Thrust/Jet, T (lb_f)	22,000	6.647

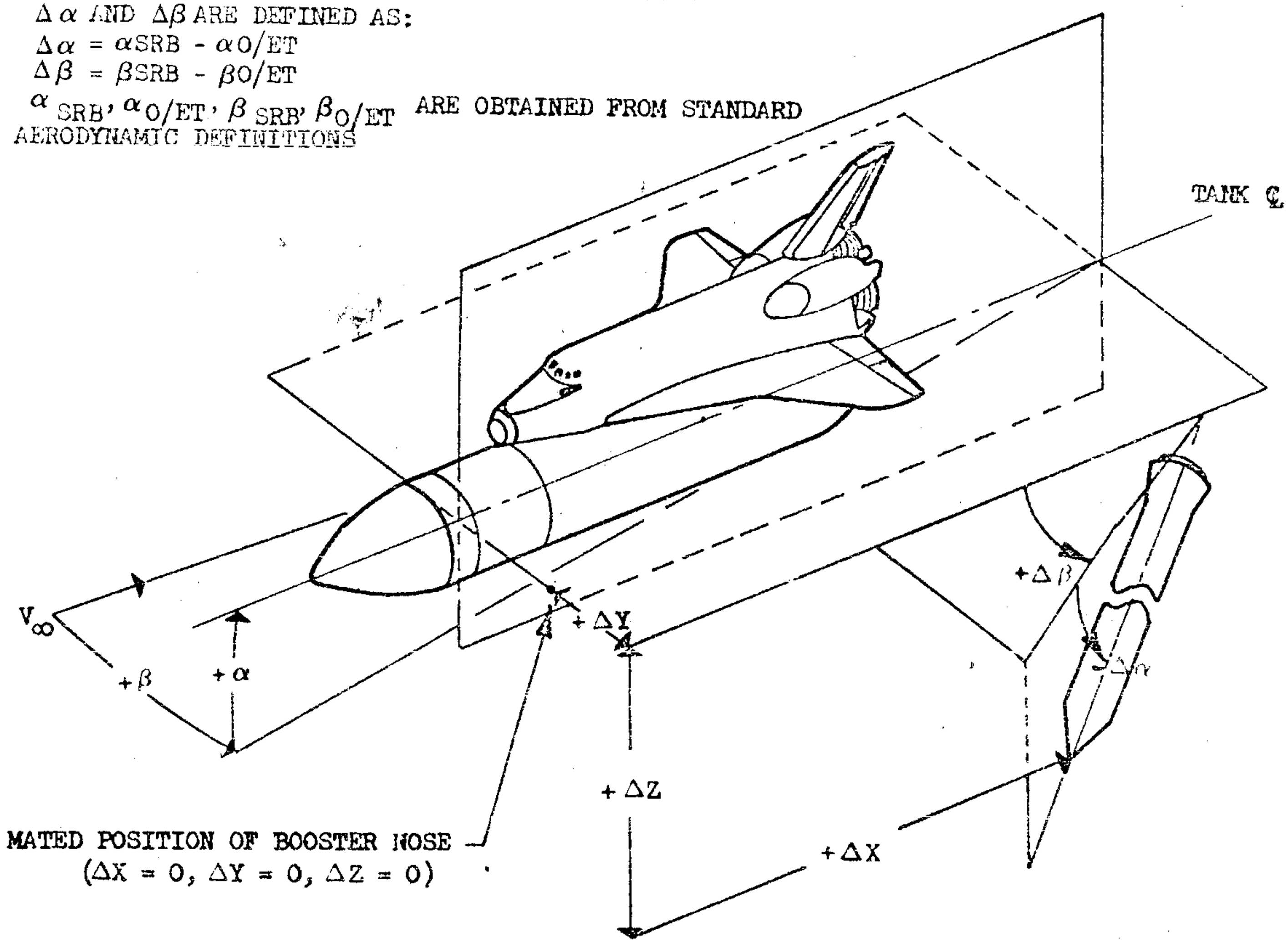
C. JET-TO-FREE STREAM PARAMETERS	FLIGHT	TUNNEL
Thrust Ratio, TH/($q_S$ref)	400	401.4
Momentum Ratio, $\dot{m}$ Ve/q S_{ref}	364	364
Mass Flow Ratio, $\dot{m}/(P_\infty V_\infty S_{ref})$	120	224
Pressure Ratio, P_e/P_∞	1704.3	658.4
Momentum Flux Ratio. q jet/q_∞ (250 inches F.S. downstream of nozzle exit plane)	0.1803	0.1805
Plume cross-sectional Area at 250 in., A Plume (in^2)	145,220	14.522

*Reynolds number based on orbiter body length (L_{ORB} = 107.5 ft. Full Scale)

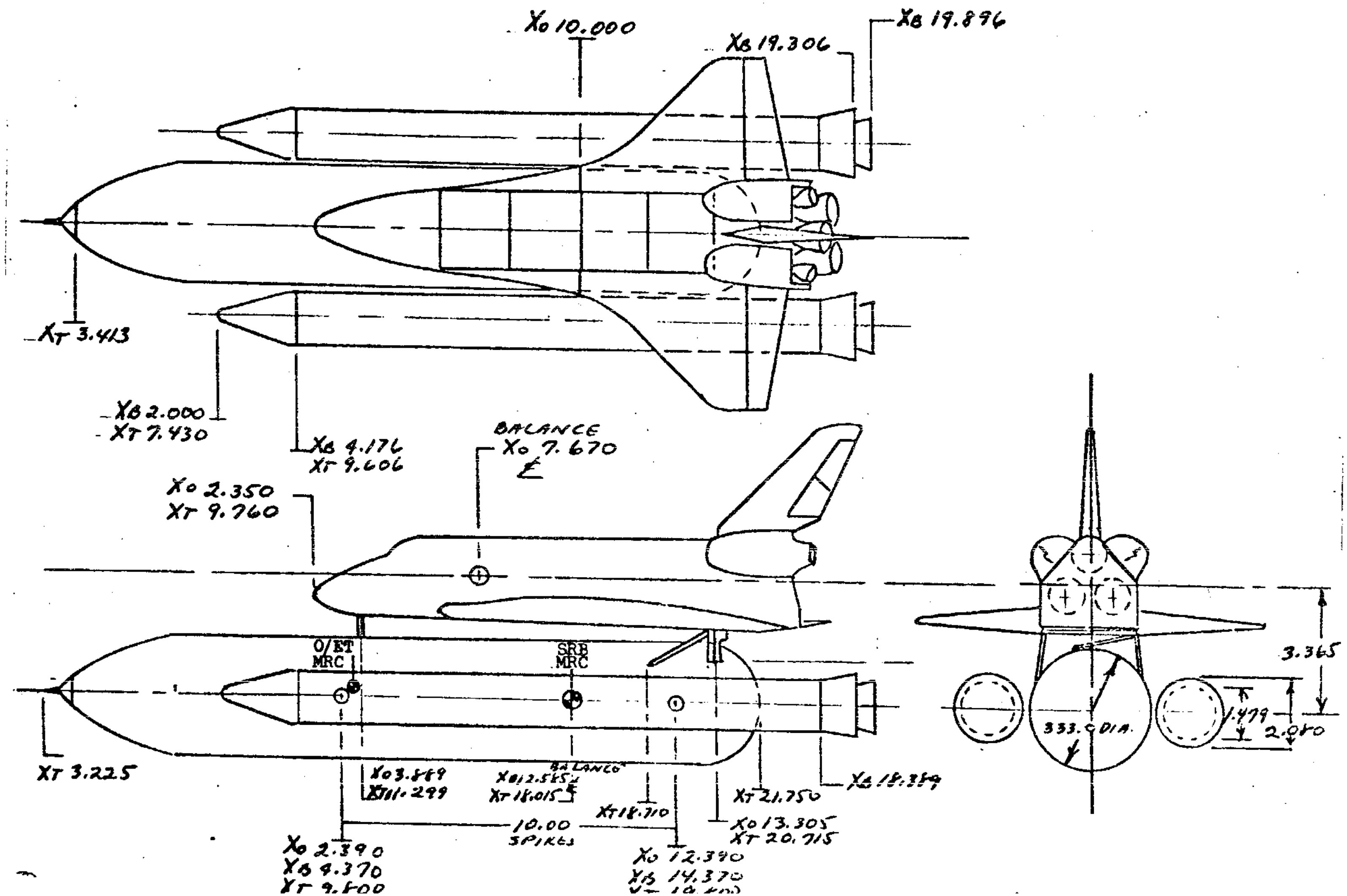


a. General
Figure 1. Axis Systems

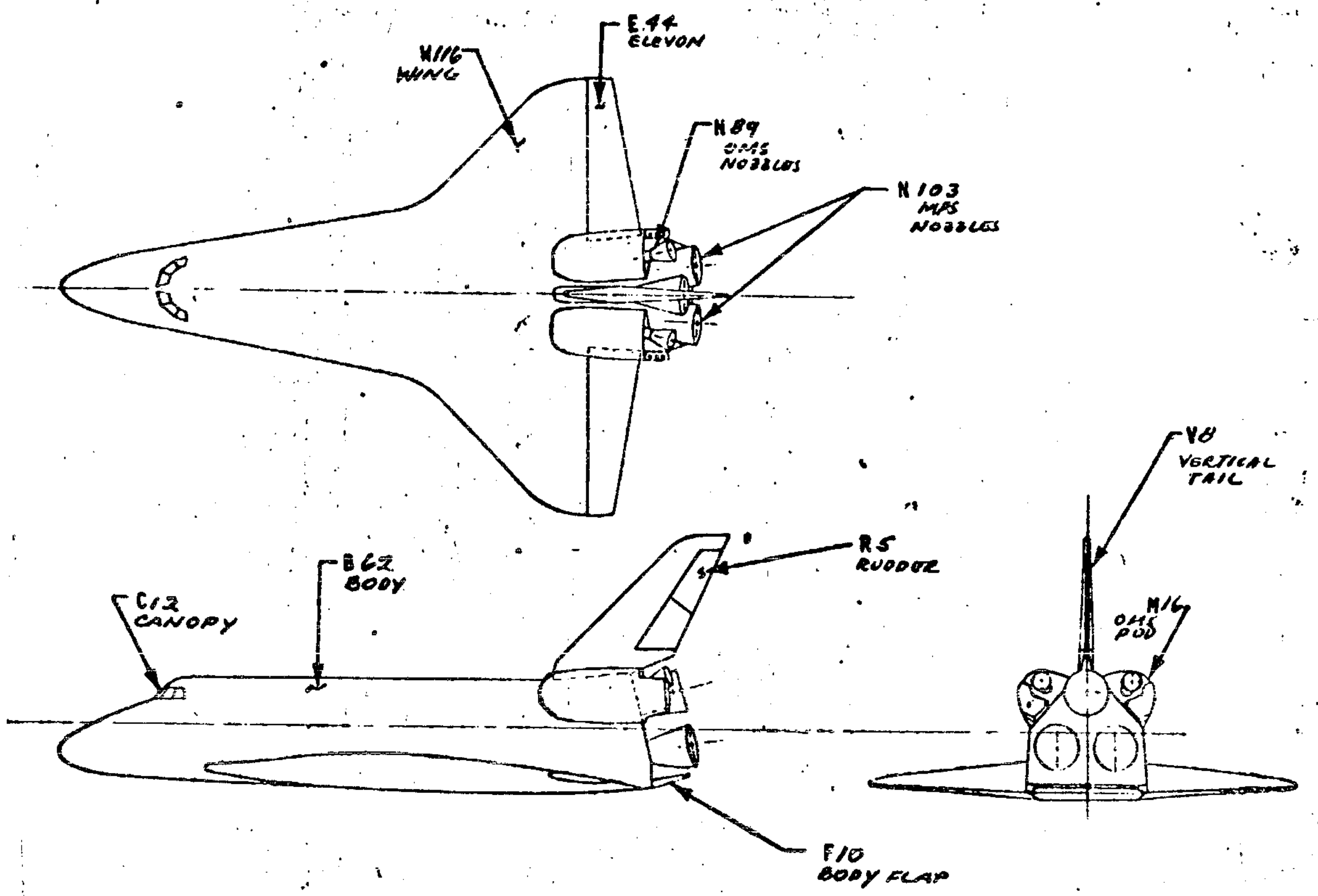
NOTES:
1. ΔX, ΔY, AND ΔZ ARE DISPLACEMENTS OF THE SRB NOSE FROM THE MATED SRB NOSE POSITION.
2. ΔX IS MEASURED POSITIVE <u>AFT</u>; ΔY IS MEASURED POSITIVE <u>OUTBOARD</u> FOR LEFT SRB, POSITIVE <u>INBOARD</u> FOR RIGHT SRB; ΔZ IS MEASURED POSITIVE <u>AWAY FROM</u> THE ORBITER.
3. $\Delta\alpha$ AND $\Delta\beta$ ARE DEFINED AS:
   $\Delta\alpha = \alpha SRB - \alpha O/ET$
   $\Delta\beta = \beta SRB - \beta O/ET$
4. α_{SRB}, $\alpha_{O/ET}$, β_{SRB}, $\beta_{O/ET}$ ARE OBTAINED FROM STANDARD AERODYNAMIC DEFINITIONS



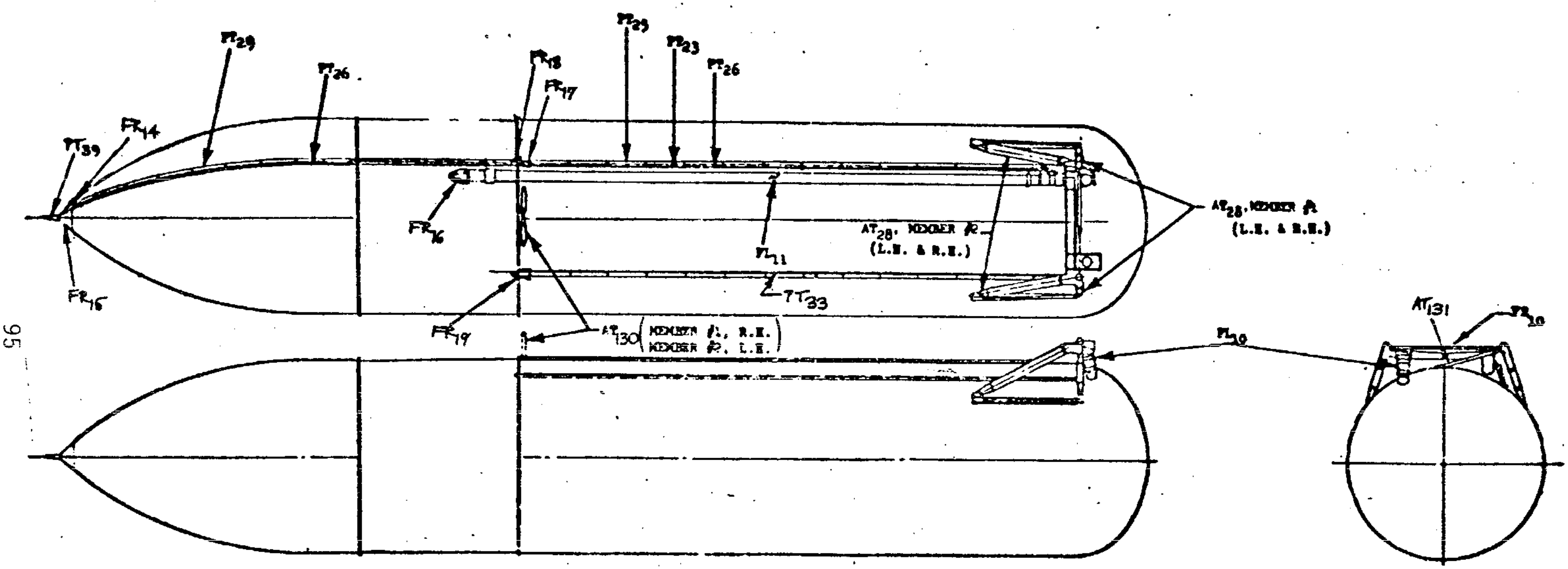
b. Booster Separation from Orbiter/External Tank
Figure 1. Concluded.



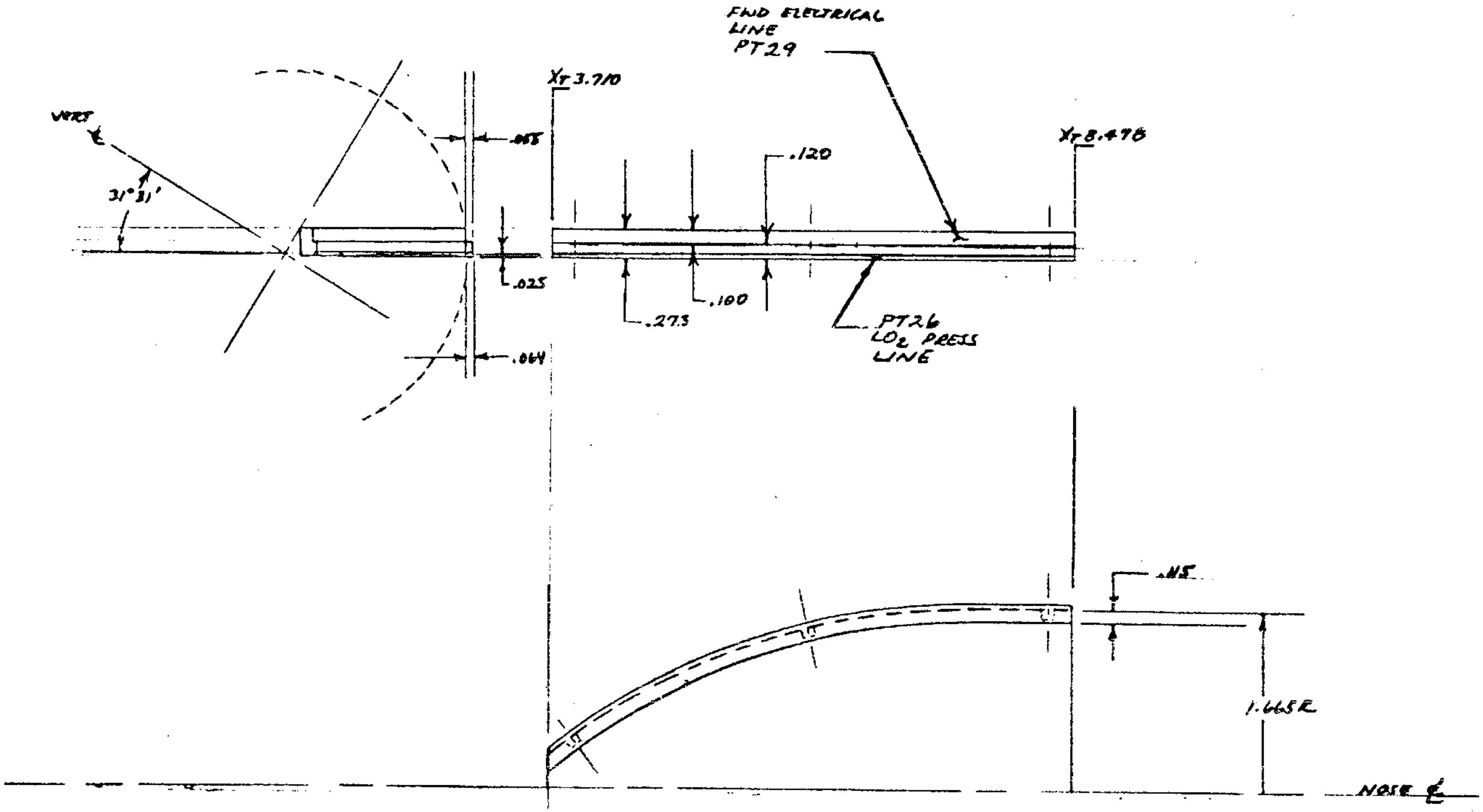
a. Integrated Vehicle Model 75-OTS Configuration
Figure 2. Model sketches.



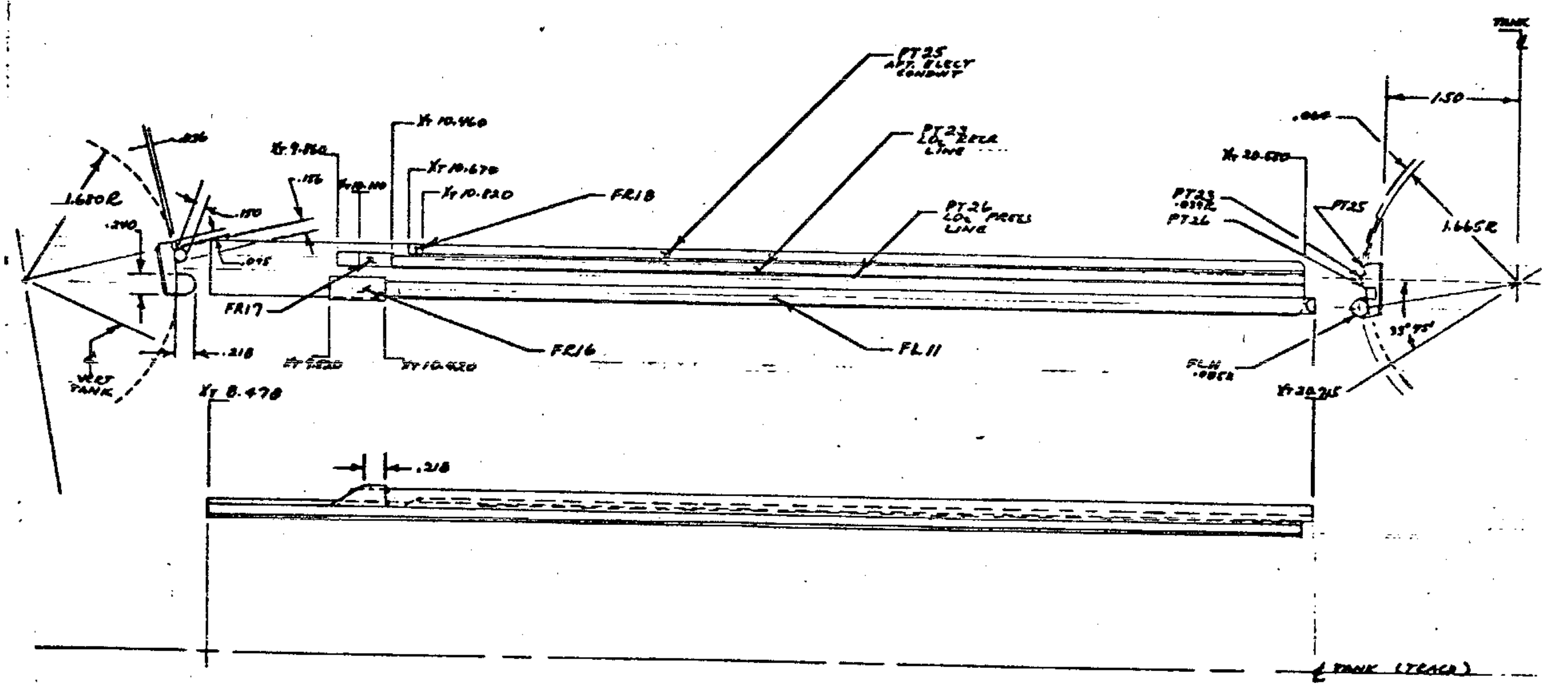
b. Orbiter Nomenclature
Figure 2. Continued.



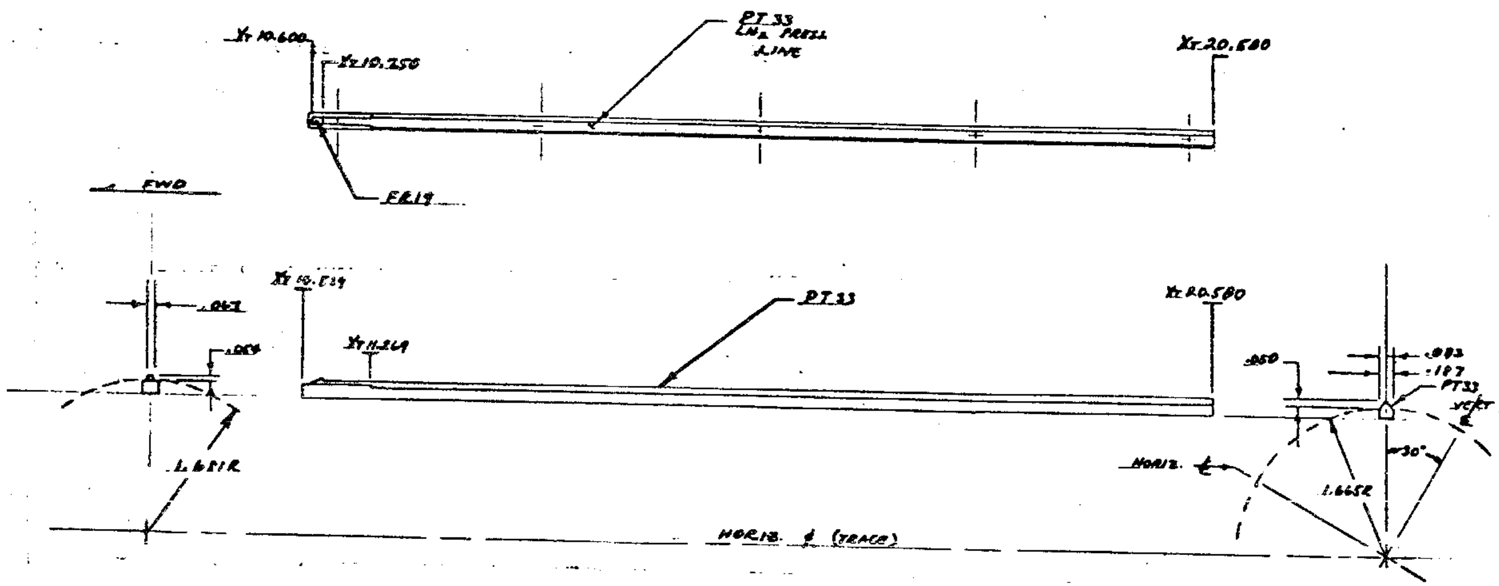
c. External Tank (T_{35}) Protrusions
Figure 2. Continued.



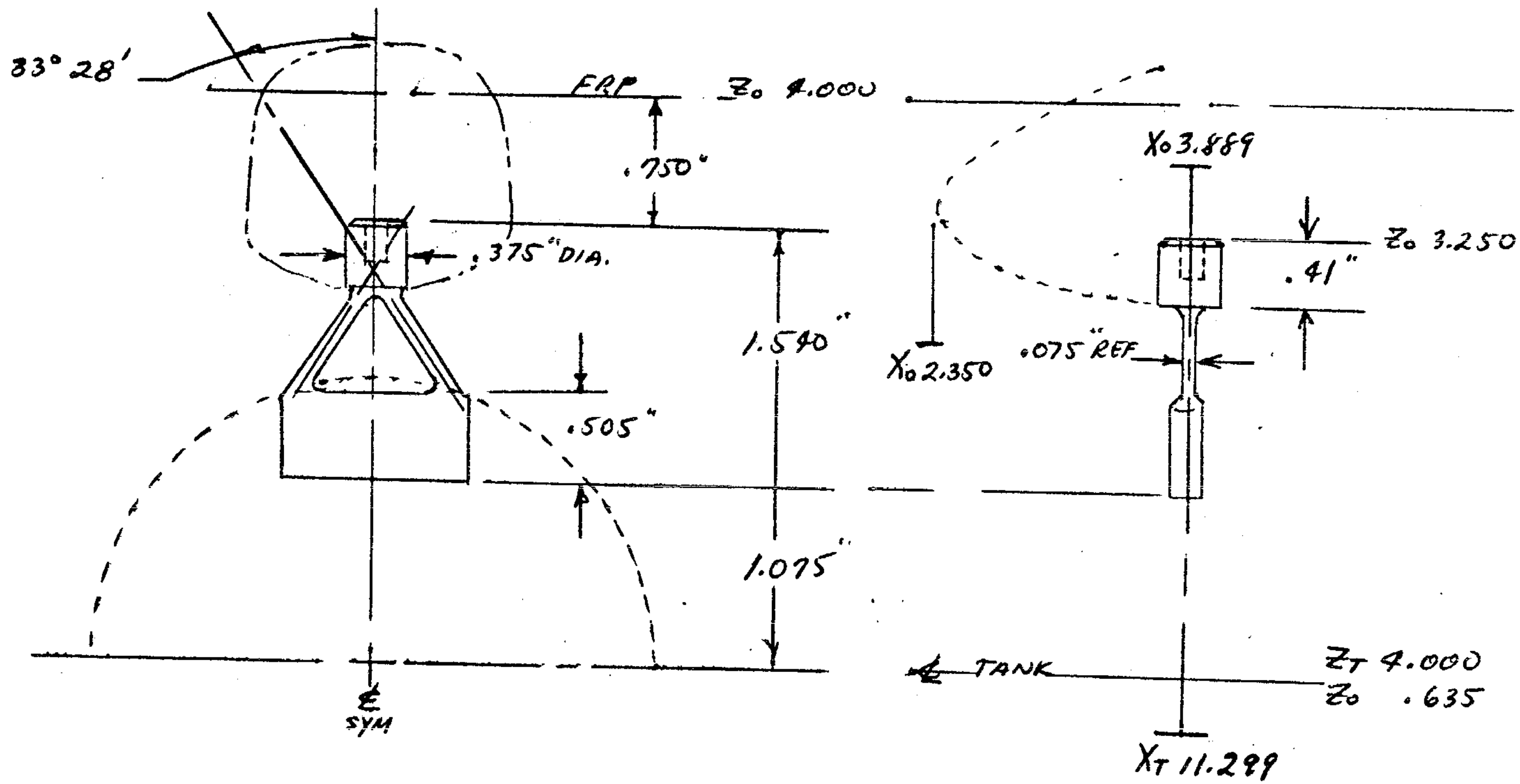
d. Forward Electrical Conduit (PT_{29}) and LO_2 Pressure Line (PT_{26})
Figure 2. Continued.



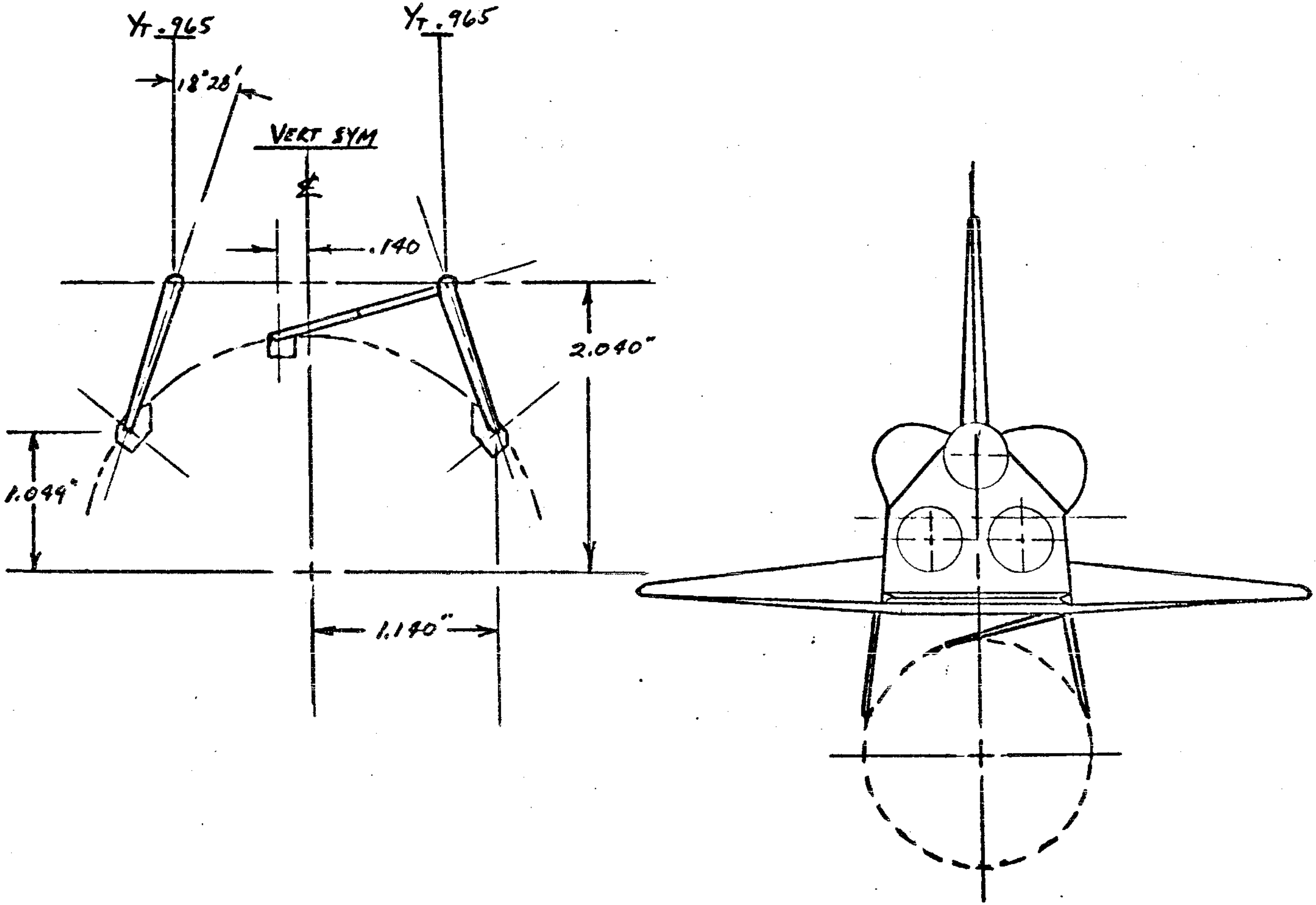
e. External Tank Hardware and Protrusions
Figure 2. Continued.



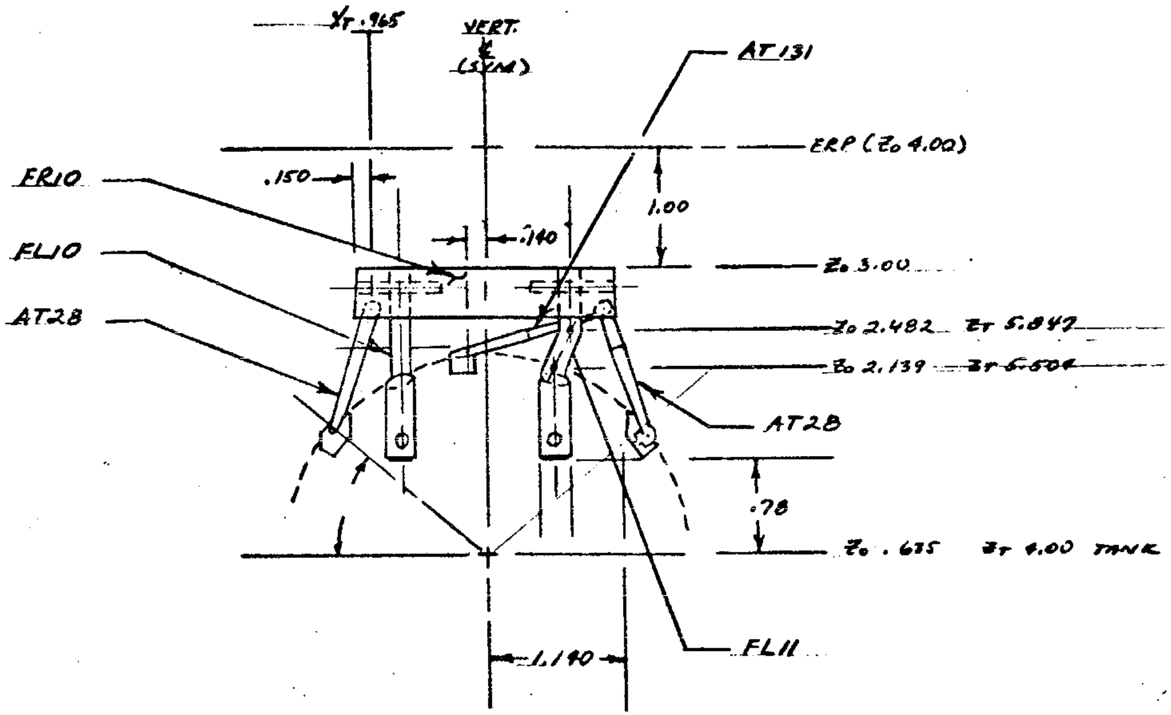
f. Left LH_2 Pressure Line - PT_{33} and FR_{19}
Figure 2. Continued.



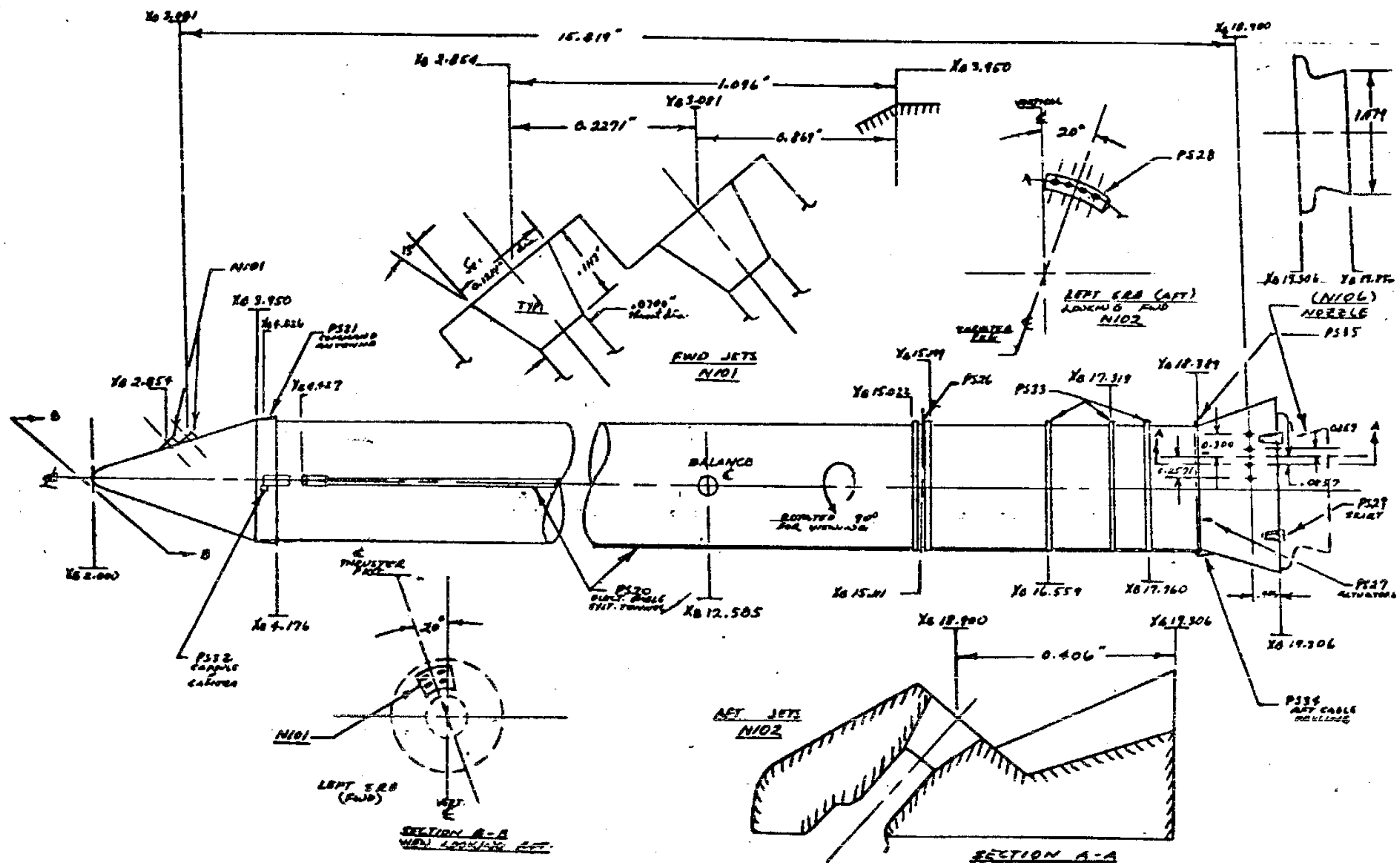
g. Orbiter/Tank Forward Support (AT_{130})
Figure 2. Continued.



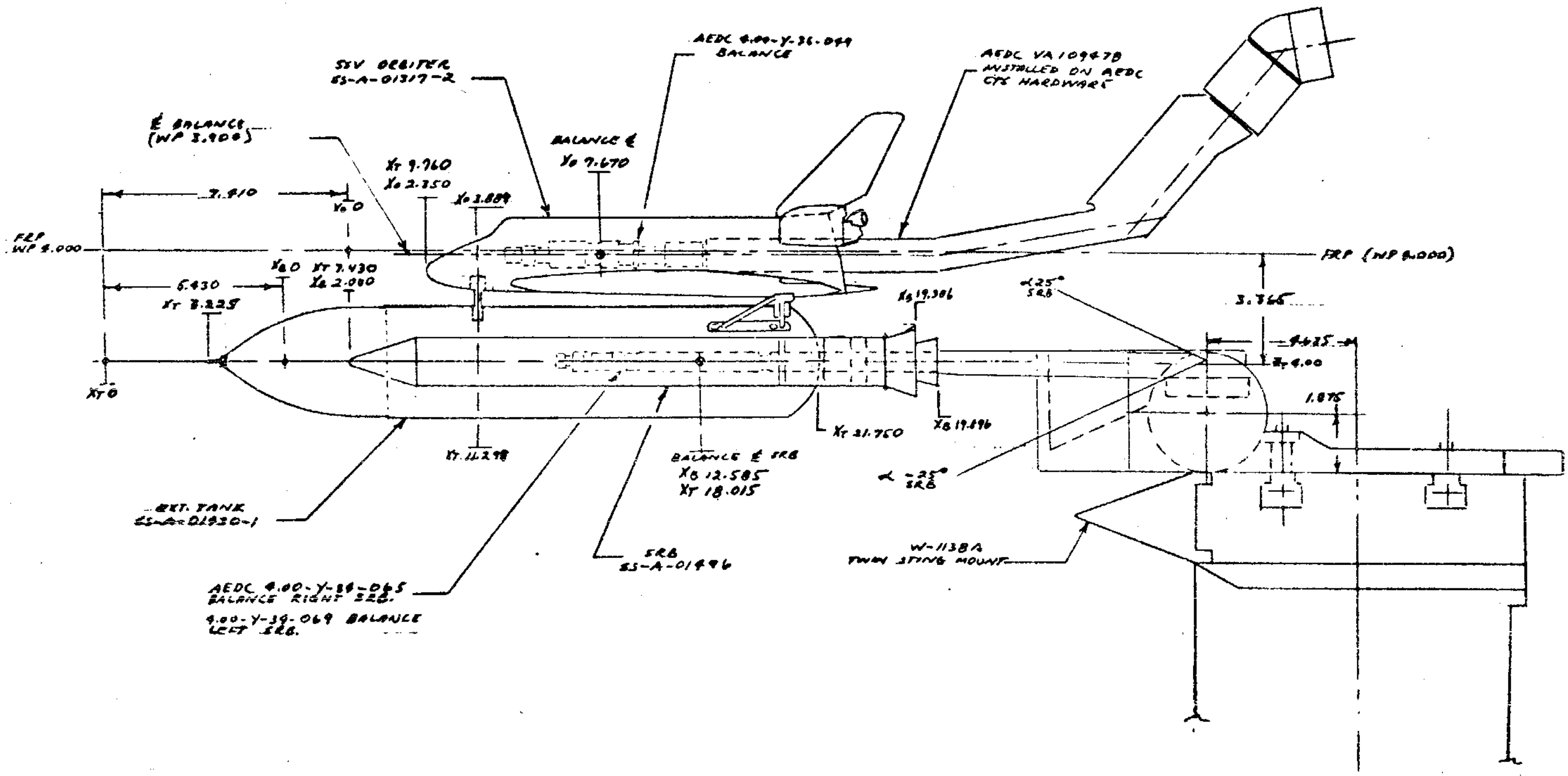
h. Aft Attachment of External Tank to Orbiter (AT_{28} and AT_{131})
Figure 2. Continued.



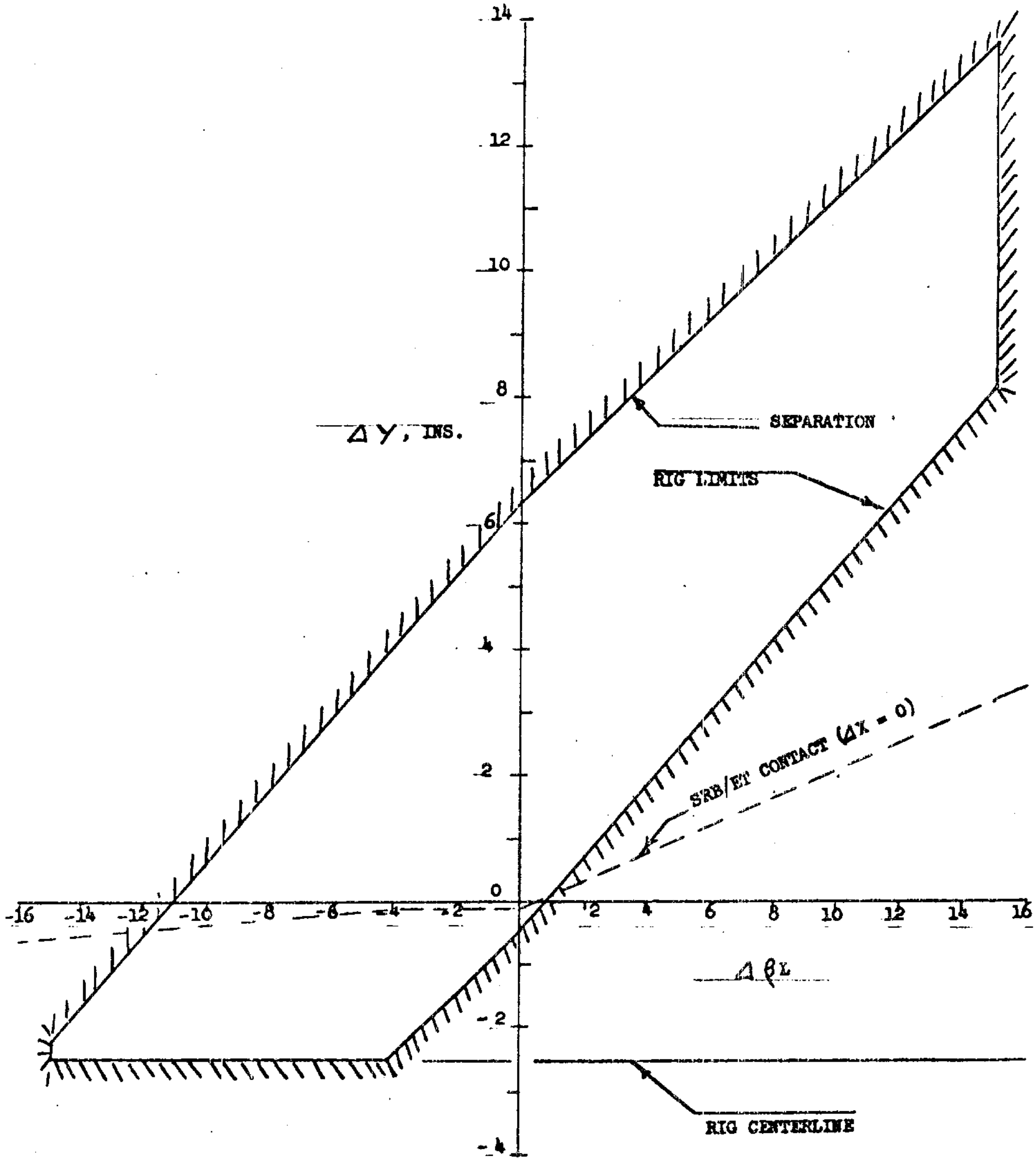
i. LH and LO_2 Feedline and Aft Orbiter/Tank Attach Structure (FL_{10}, FL_{11}) and (AT_{28}, AT_{131})
Figure 2. Continued.



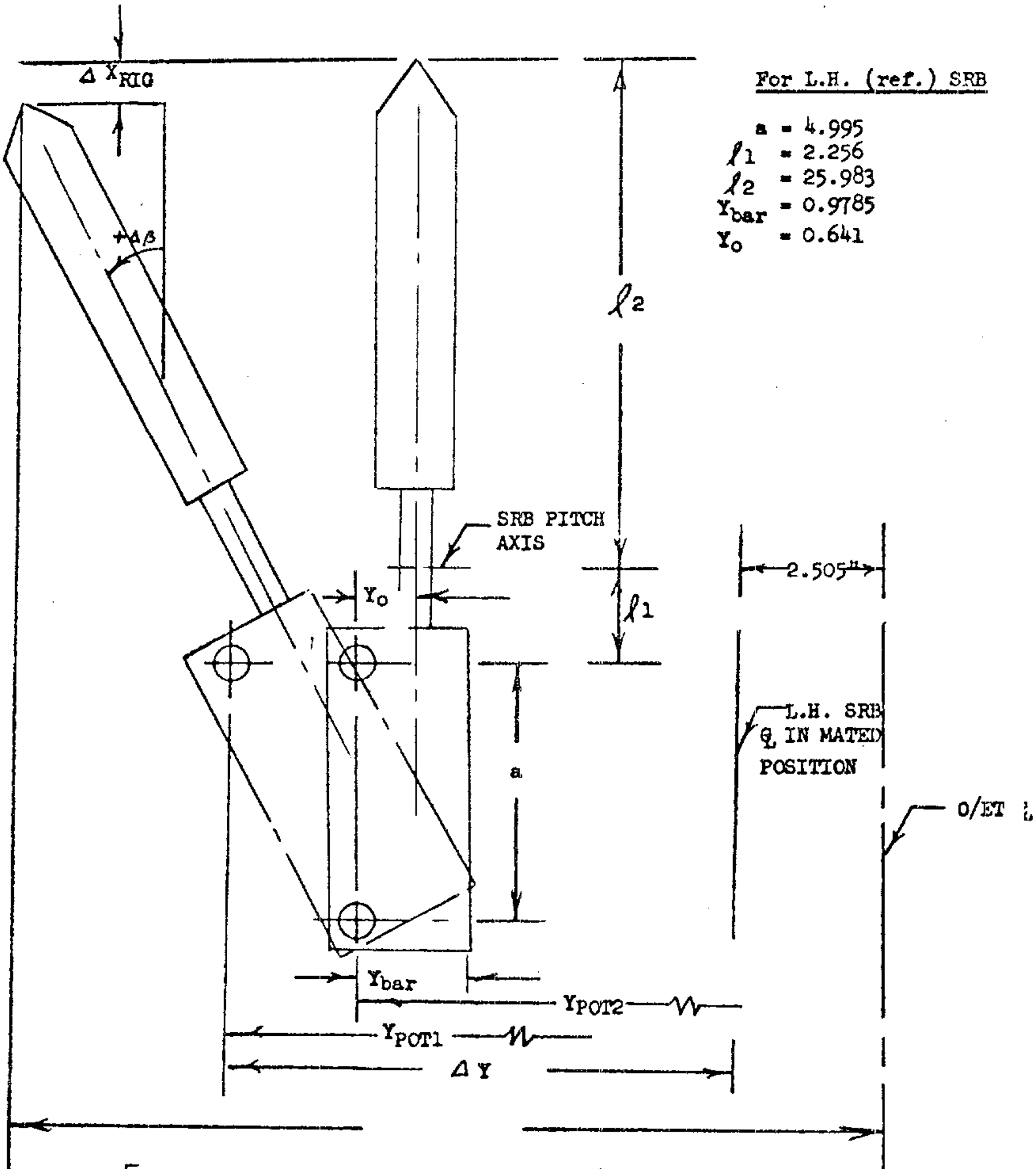
j. BSRM 0.010 Scale 75 OTS Test IA142
Figure 2. Continued.



k. IA142 Installation
Figure 2. Continued.



1. W-1138A Separation Rig Envelope in Yaw Plane
Figure 2. Continued.



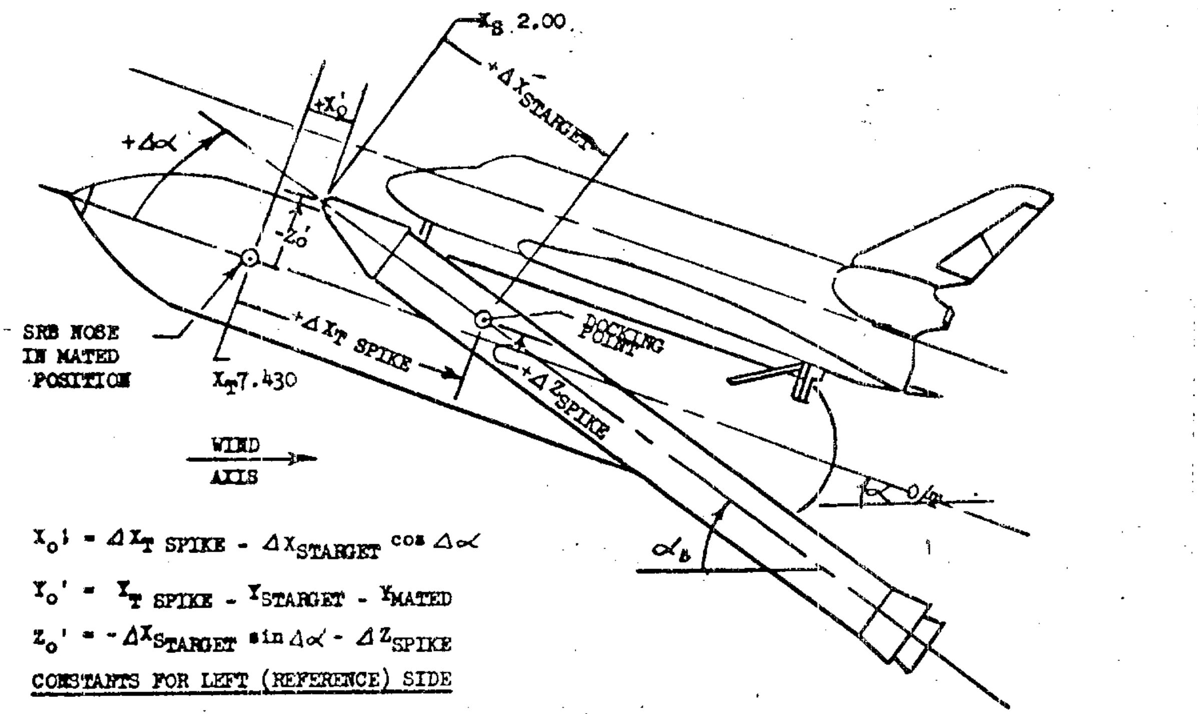
$$\Delta X_{RIG} = \left[(\ell_1 + \ell_2 \text{Cos}\quad)(1-\text{Cos}\,\Delta\beta) - Y_o \sin\Delta\beta\right] (1/\text{Cos}\,\alpha_{O/T})$$

$$\Delta Y = Y_{ref} + Y_{POT1} + Y_{bar}/\text{Cos}\,\Delta\beta - Y_o \,\text{Cos}\,\Delta\beta + (\ell_1 + \ell_2 \cos\alpha_\beta)\sin\Delta\beta$$

Determine Y_{ref} for each installation as follows: with $\Delta\beta = 0$, ΔY set at a known position, and the O/ET centered between LH and RH SRB's, read Y_{POT1} and calculate Y_{ref}.

$$\Delta\beta = \tan^{-1}\left(\frac{Y_{POT1} - Y_{POT2}}{a}\right)$$

m. Separation Rig Geometry and Equations
Figure 2. Continued.



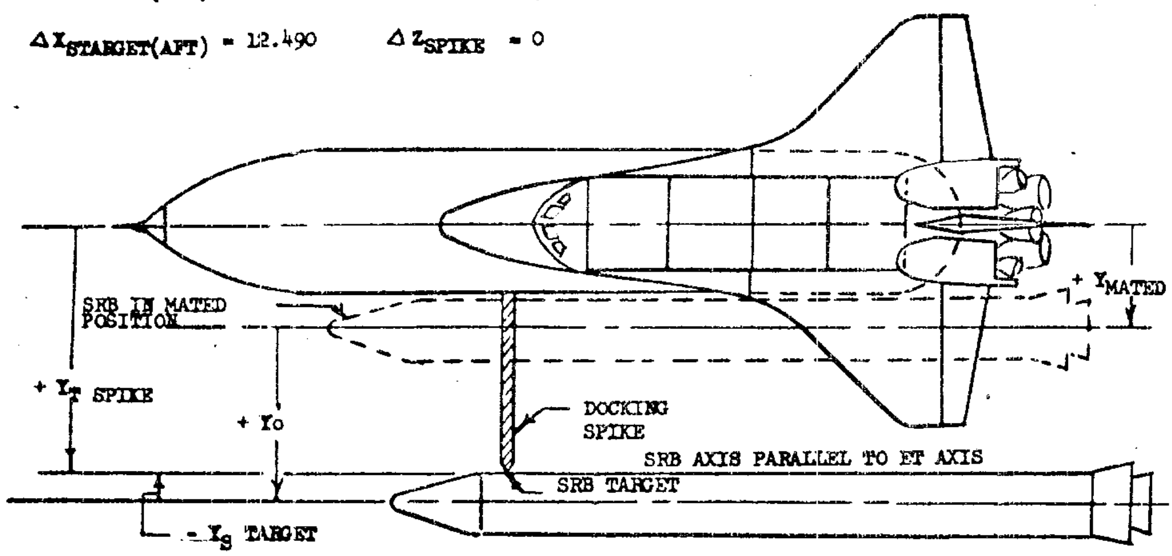
$X_o' = \Delta X_{T\ SPIKE} - \Delta X_{STARGET} \cos \Delta\alpha$

$Y_o' = Y_{T\ SPIKE} - Y_{STARGET} - Y_{MATED}$

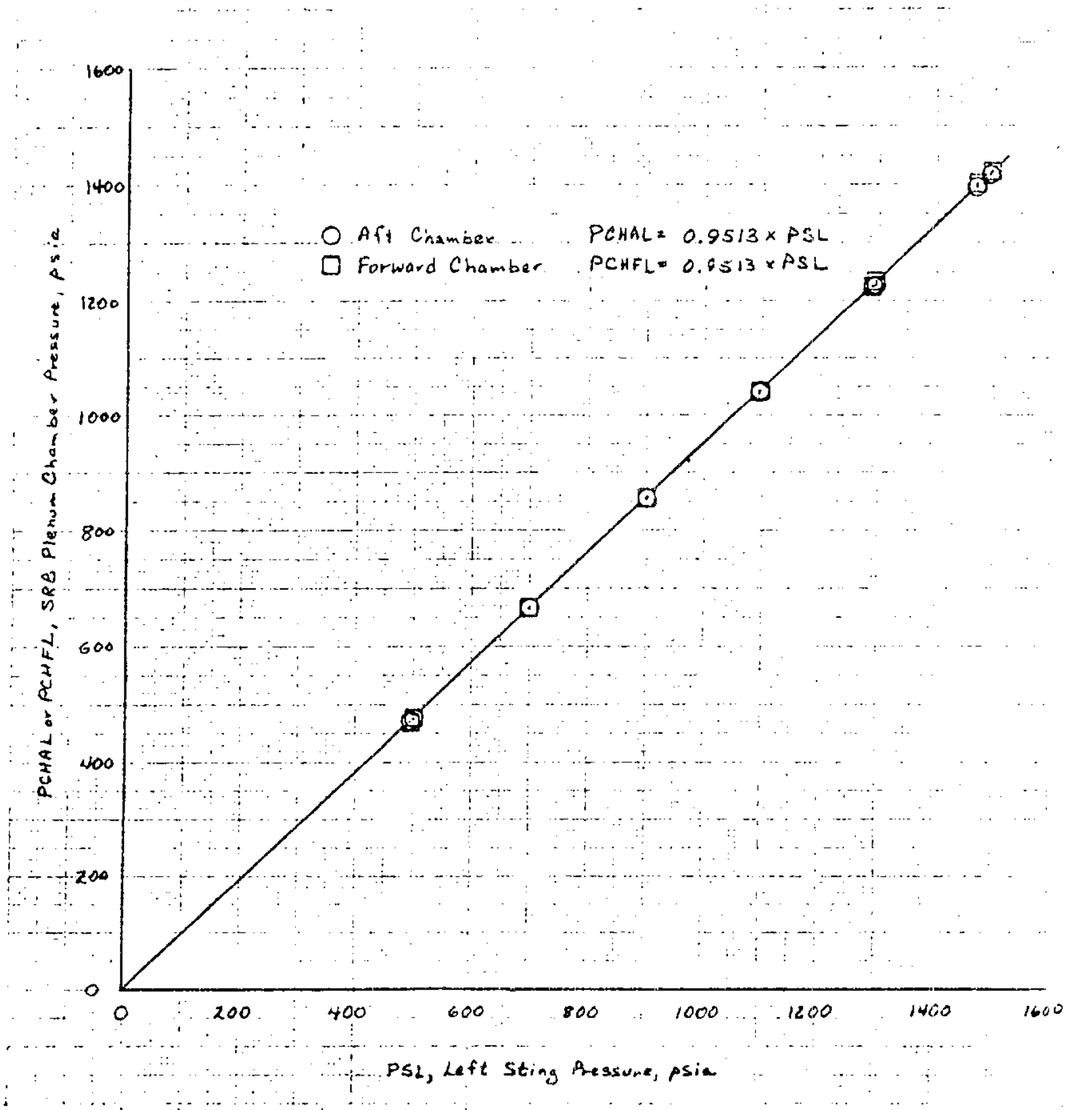
$Z_o' = -\Delta X_{STARGET} \sin \Delta\alpha - \Delta Z_{SPIKE}$

CONSTANTS FOR LEFT (REFERENCE) SIDE

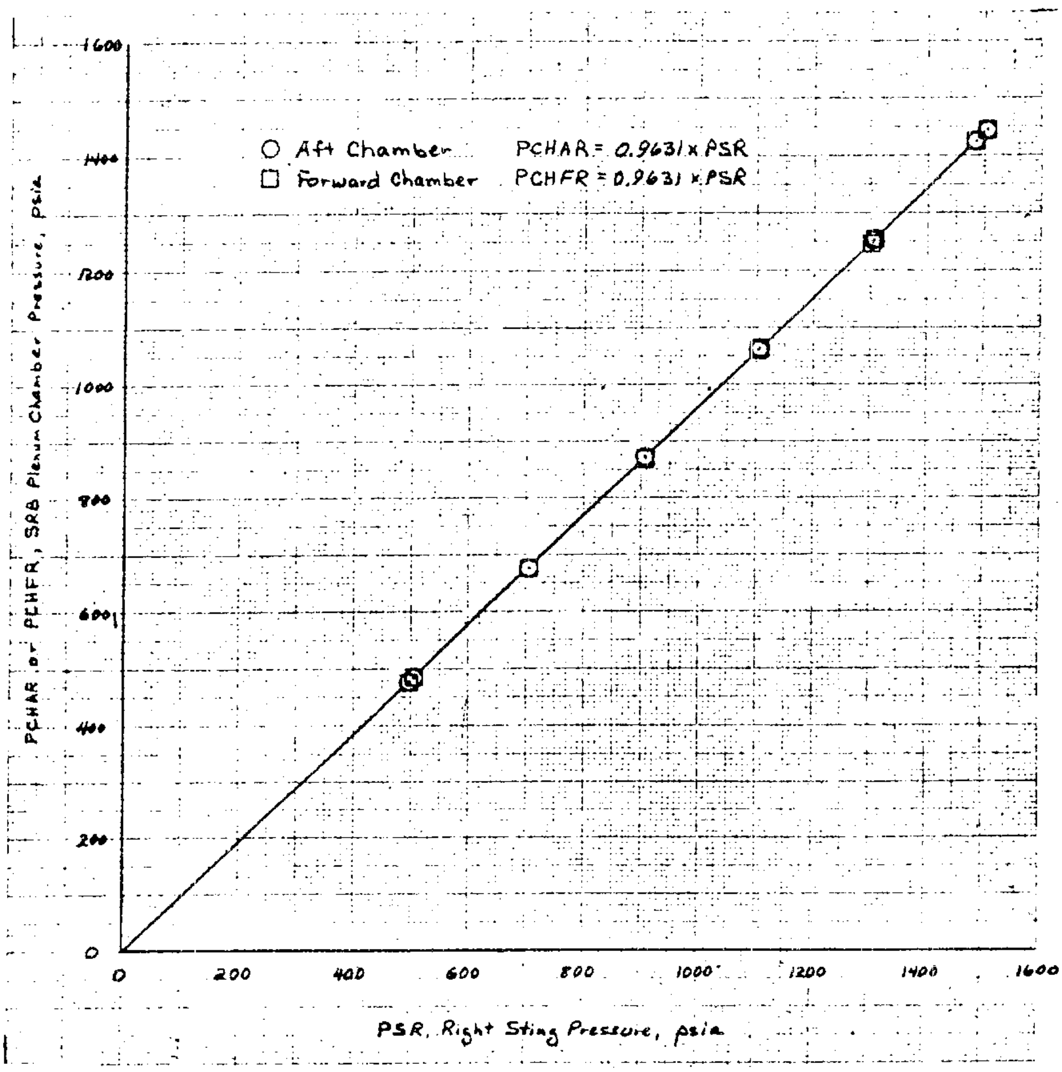
	ET (SHORT SPIKE)
Y_{MATED} = 2.505	ΔX_{TSPIKE} = 2.279
$Y_{STARGET}$ = -0.7295	Y_{TSPIKE} = 3.879
$\Delta X_{STARGET(FWD)}$ = 2.510	ΔZ_{SPIKE} = 0
$\Delta X_{STARGET(AFT)}$ = 12.490	



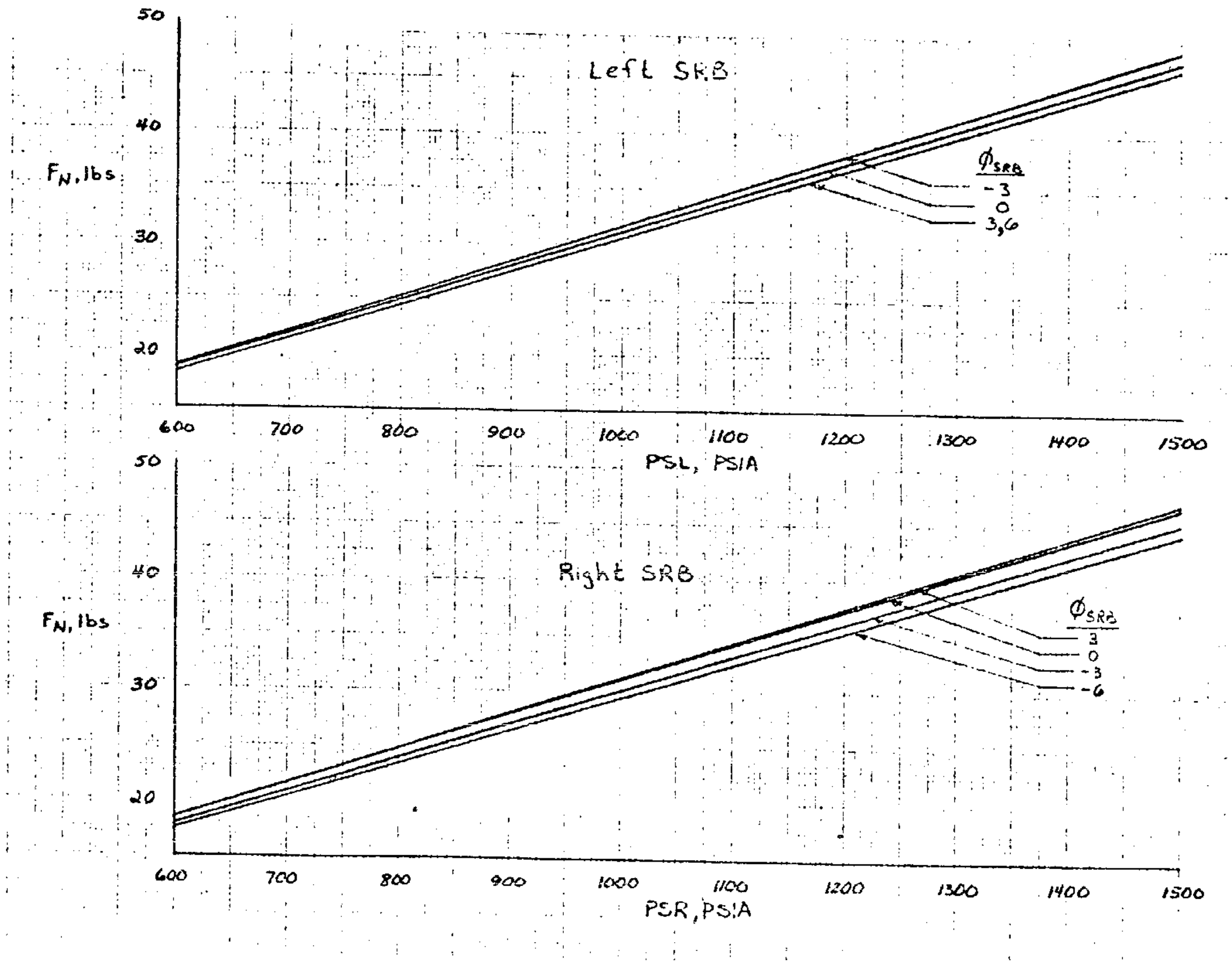
n. CTS Docking Equations
Figure 2. Continued.



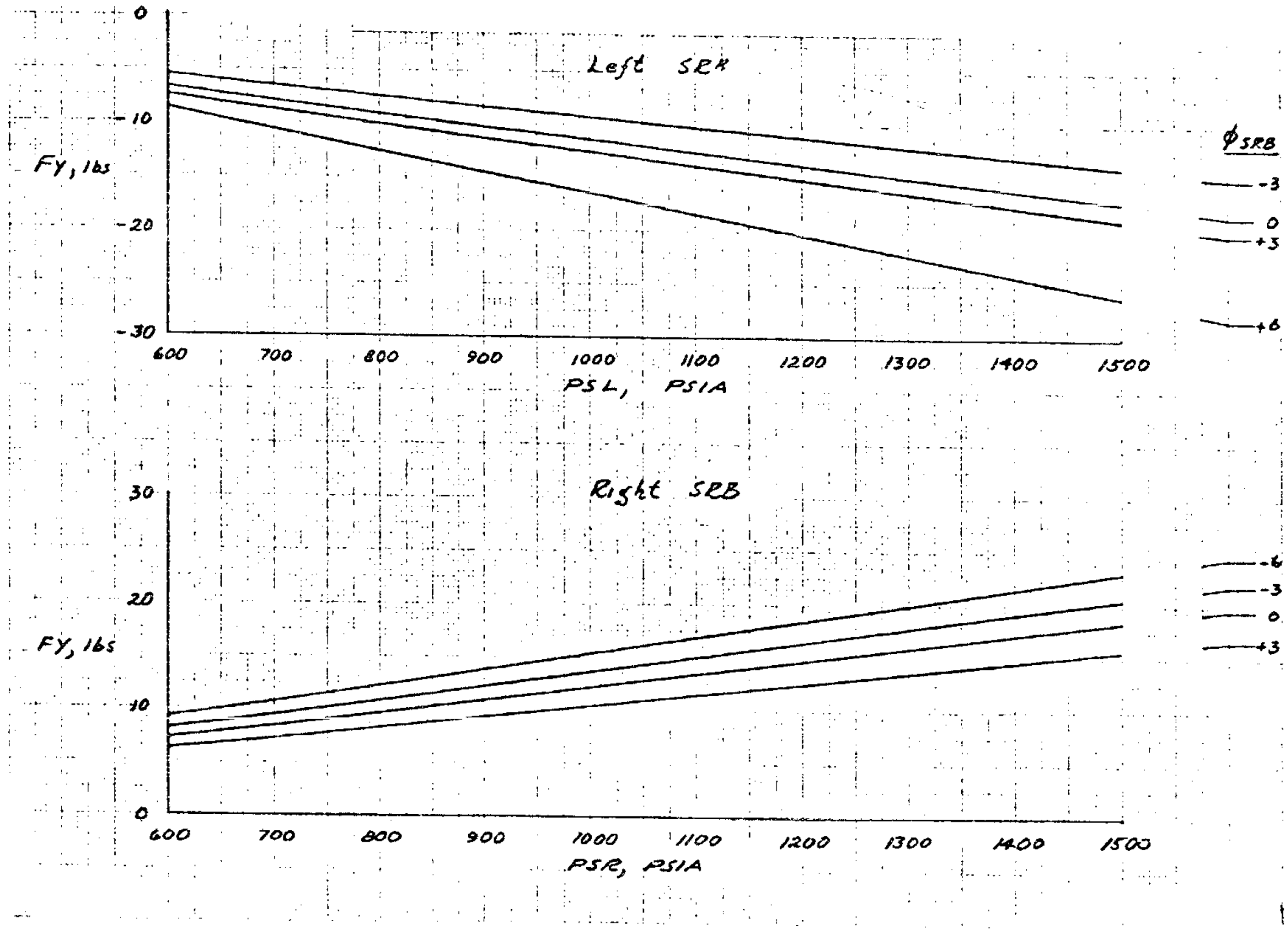
o. Sting/Plenum Chamber Pressure Calibration Left SRB
Figure 2. Continued.



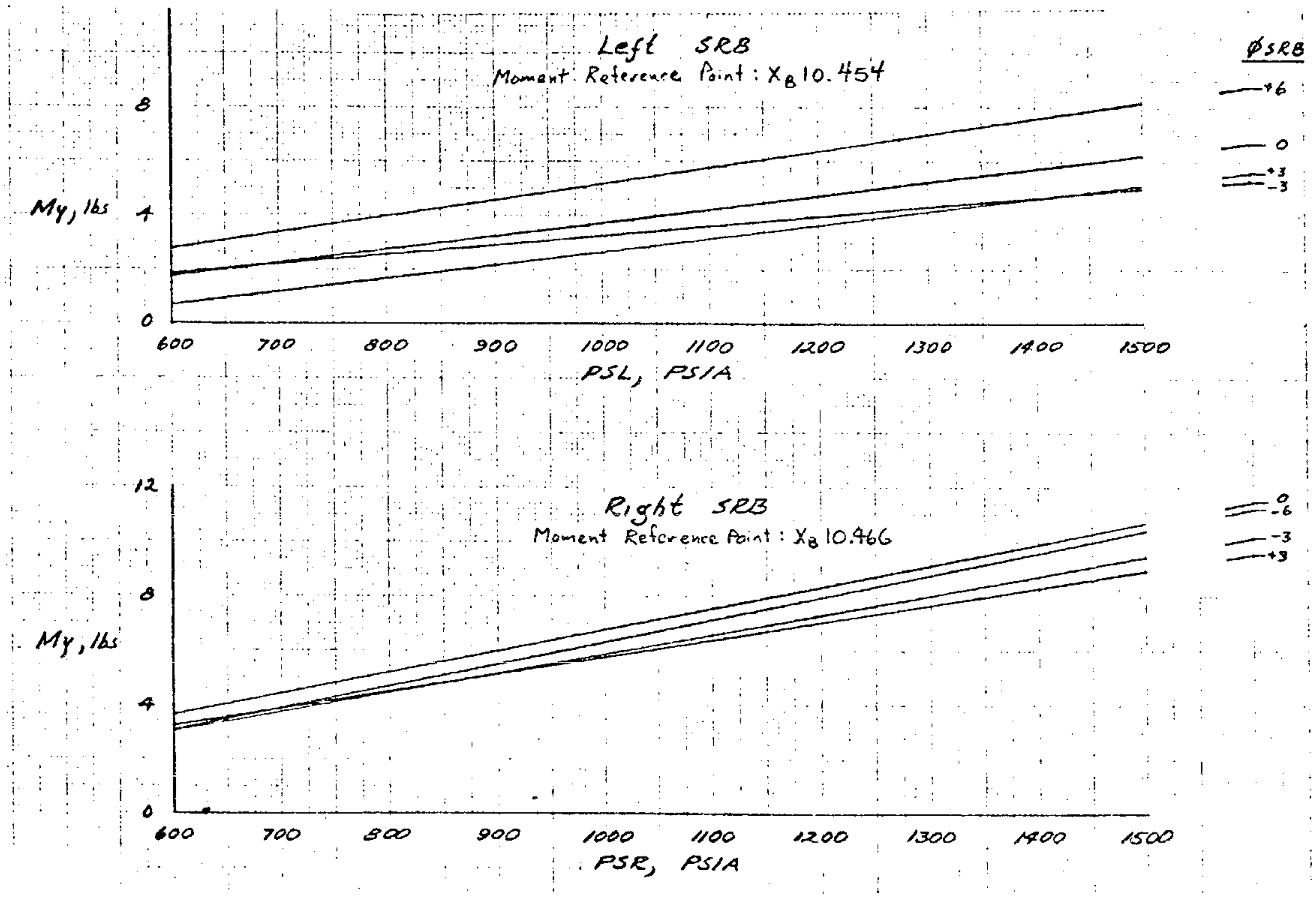
p. Sting/Plenum Chamber Pressure Calibration Right SRB
Figure 2. Continued.



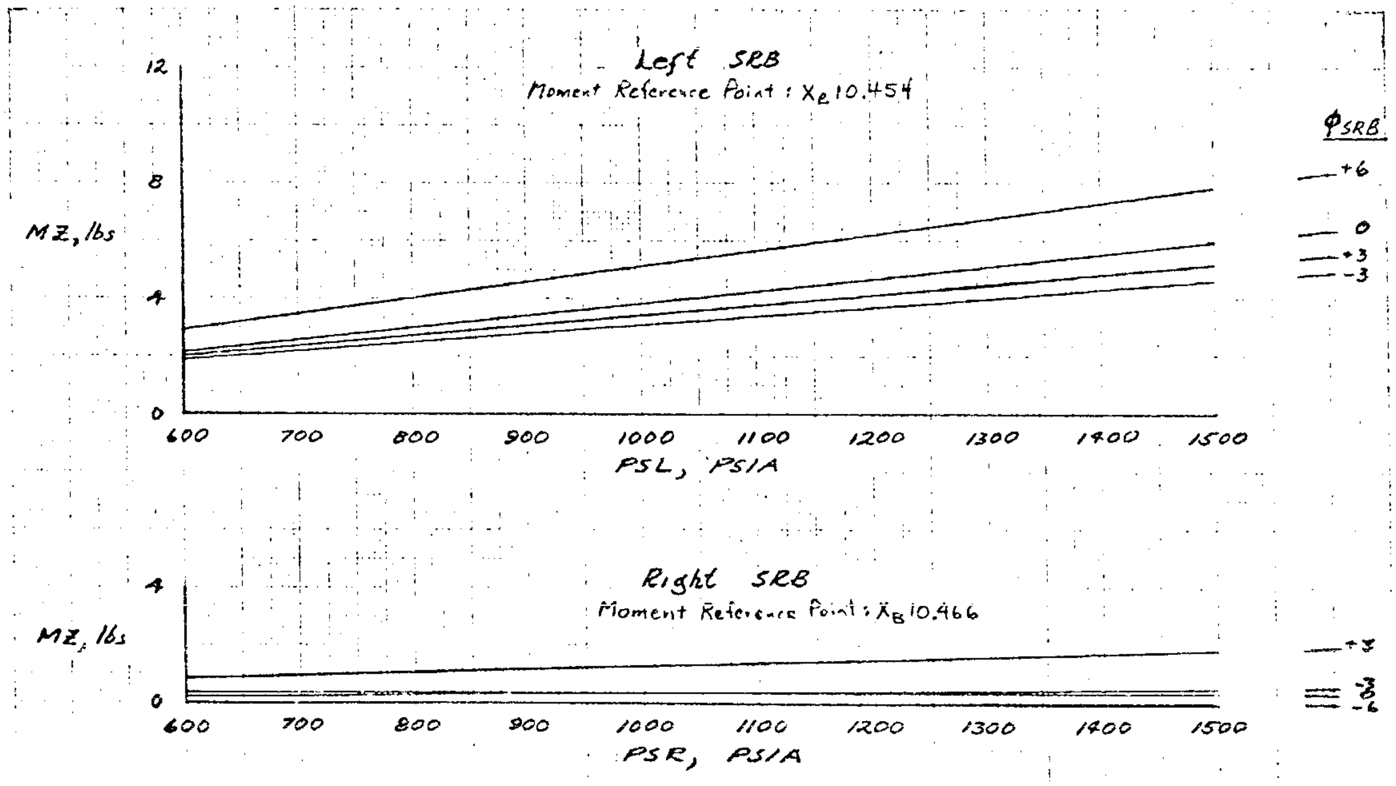
q. SRB Thrust Tare Normal Force Calibrations for Left and Right SRB
Figure 2. Continued.



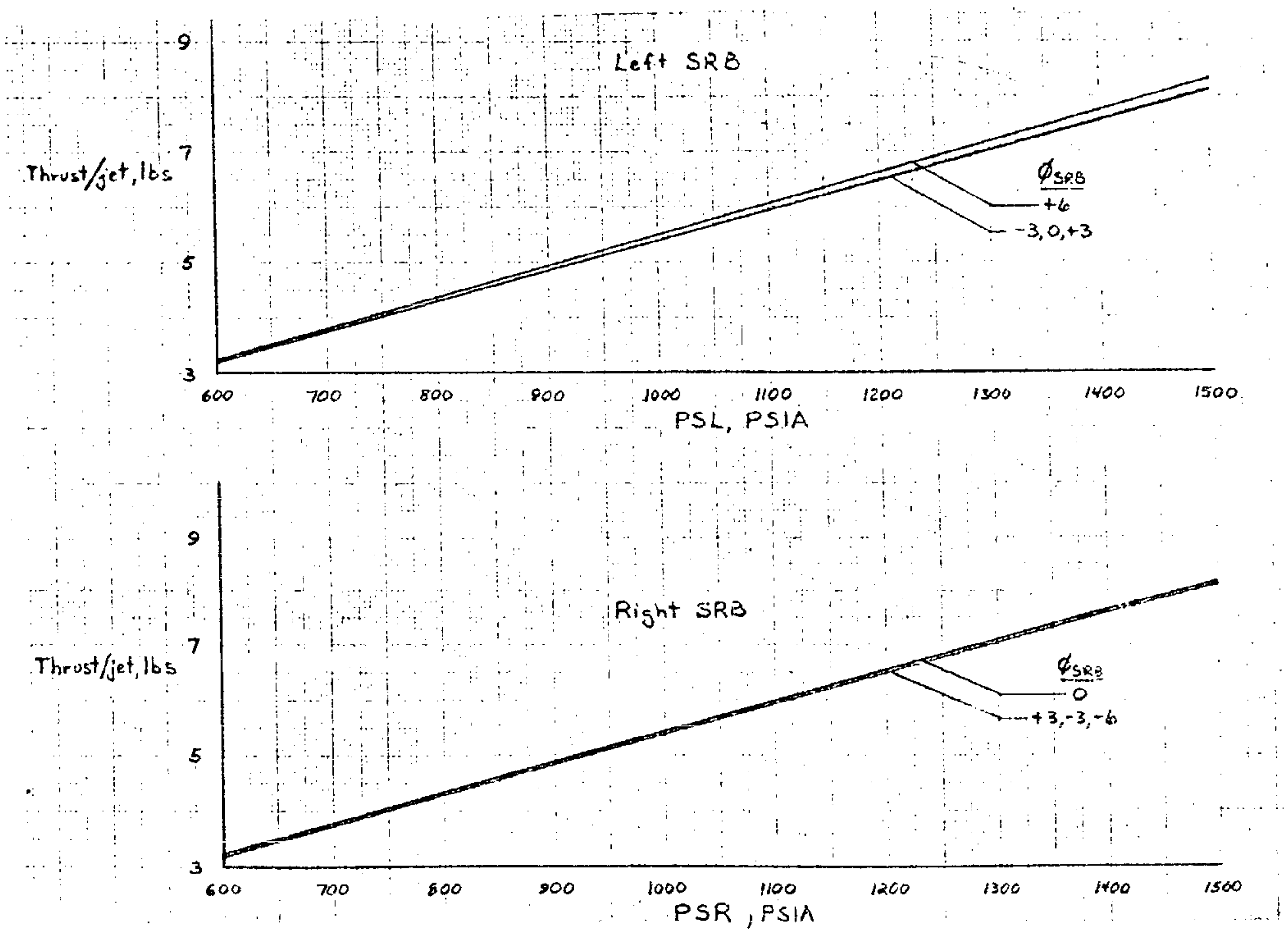
r. SRB Thrust Tare Side Force Calibrations for Left and Right SRB
Figure 2. Continued.



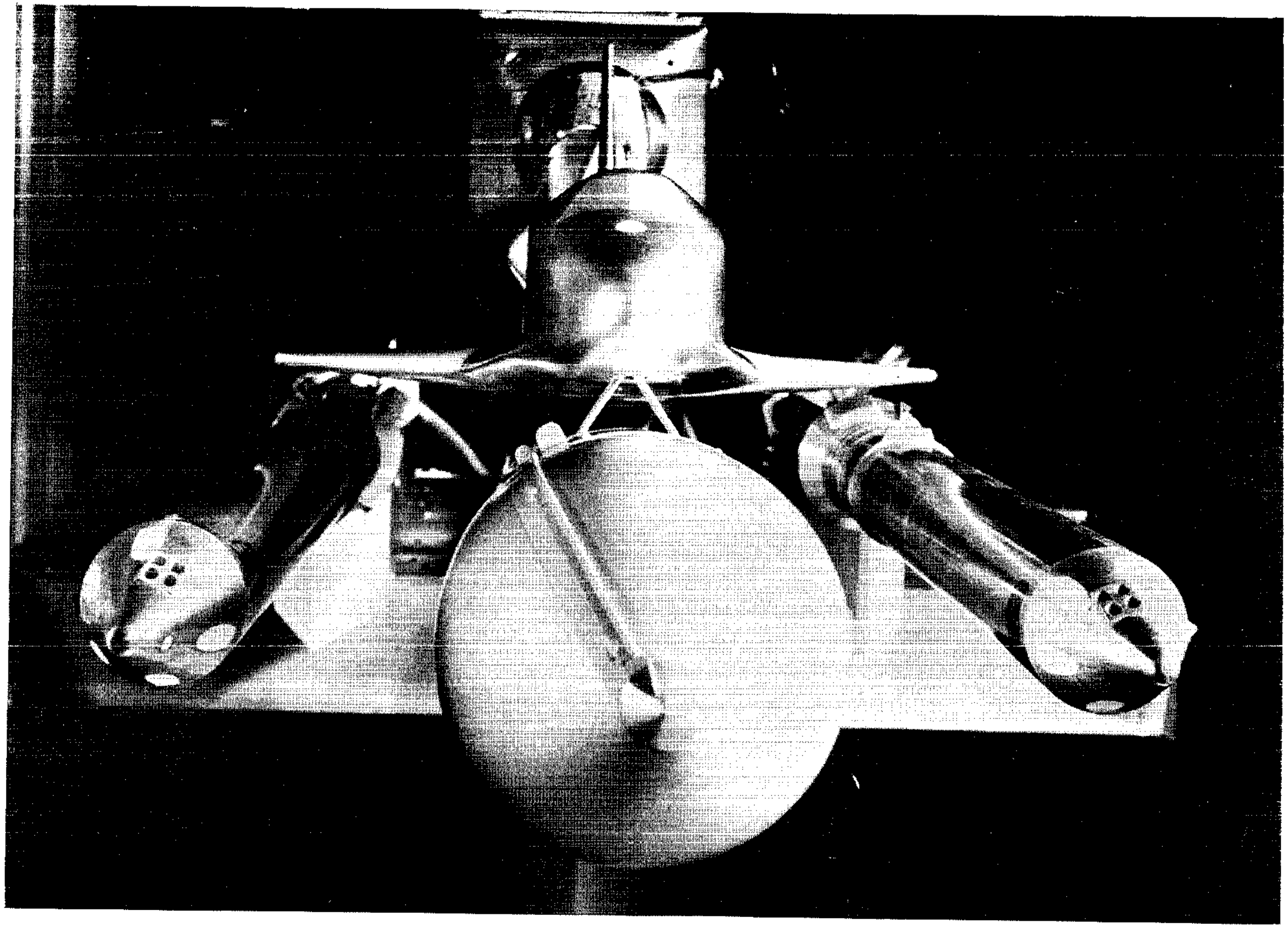
s. SRB Thrust Tare Pitching Moment Calibrations for Left and Right SRB
Figure 2. Continued.



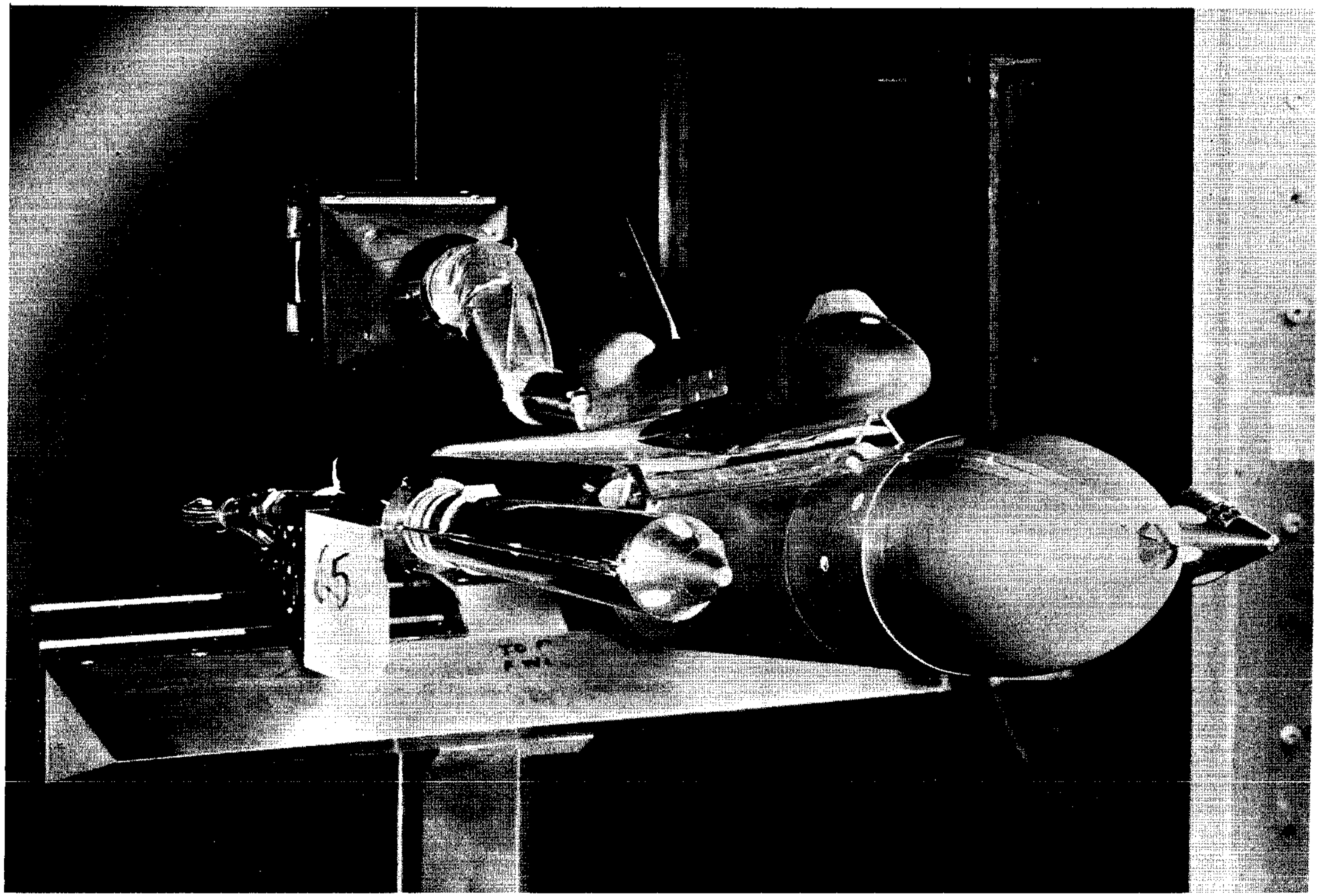
t. SRB Thrust Tare Yawing Moment Calibrations for Left and Right SRB
Figure 2. Continued.



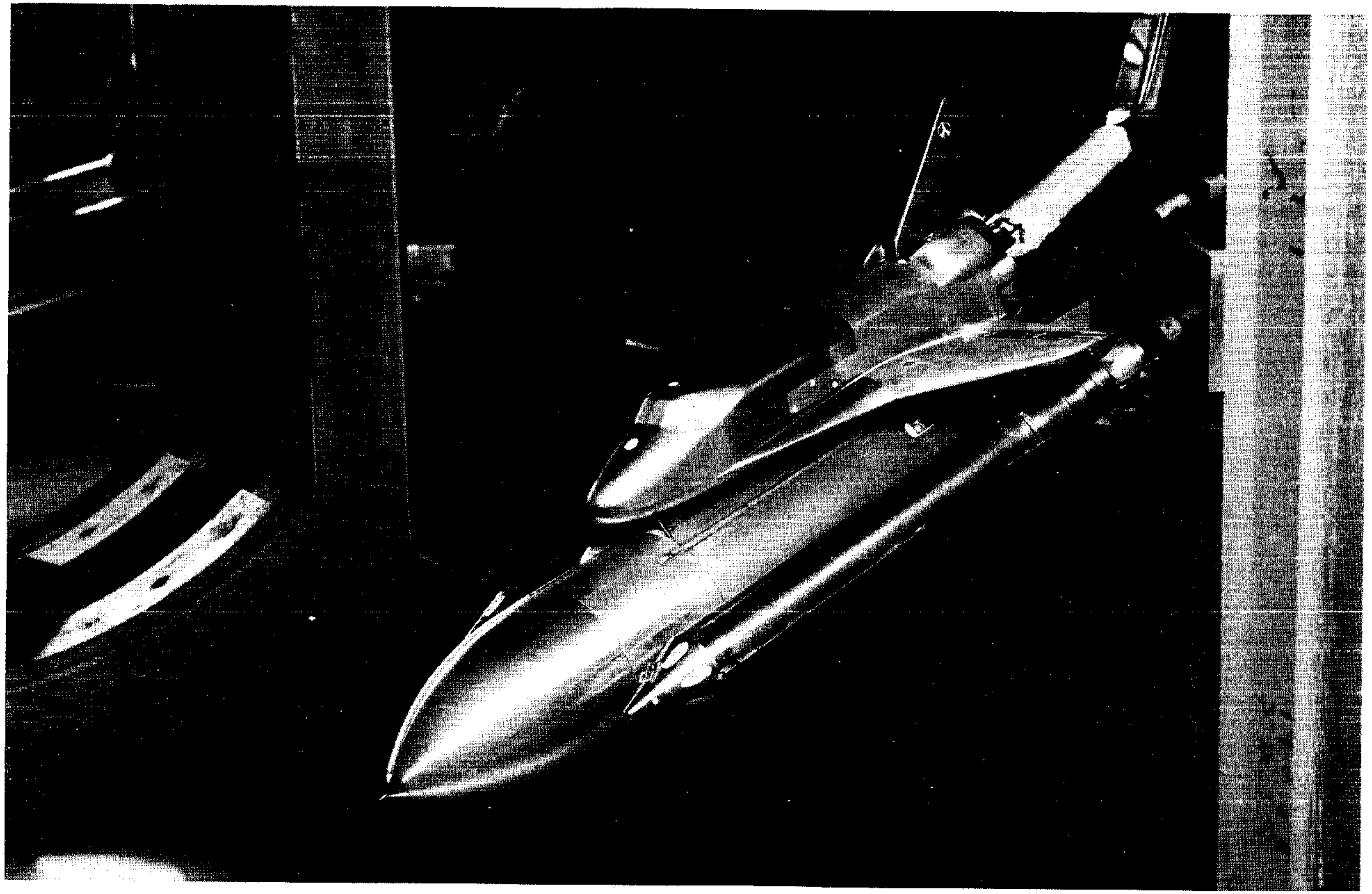
u. Thrust/Jet vs. Sting Pressure for Left and Right SRB
Figure 2. Concluded.



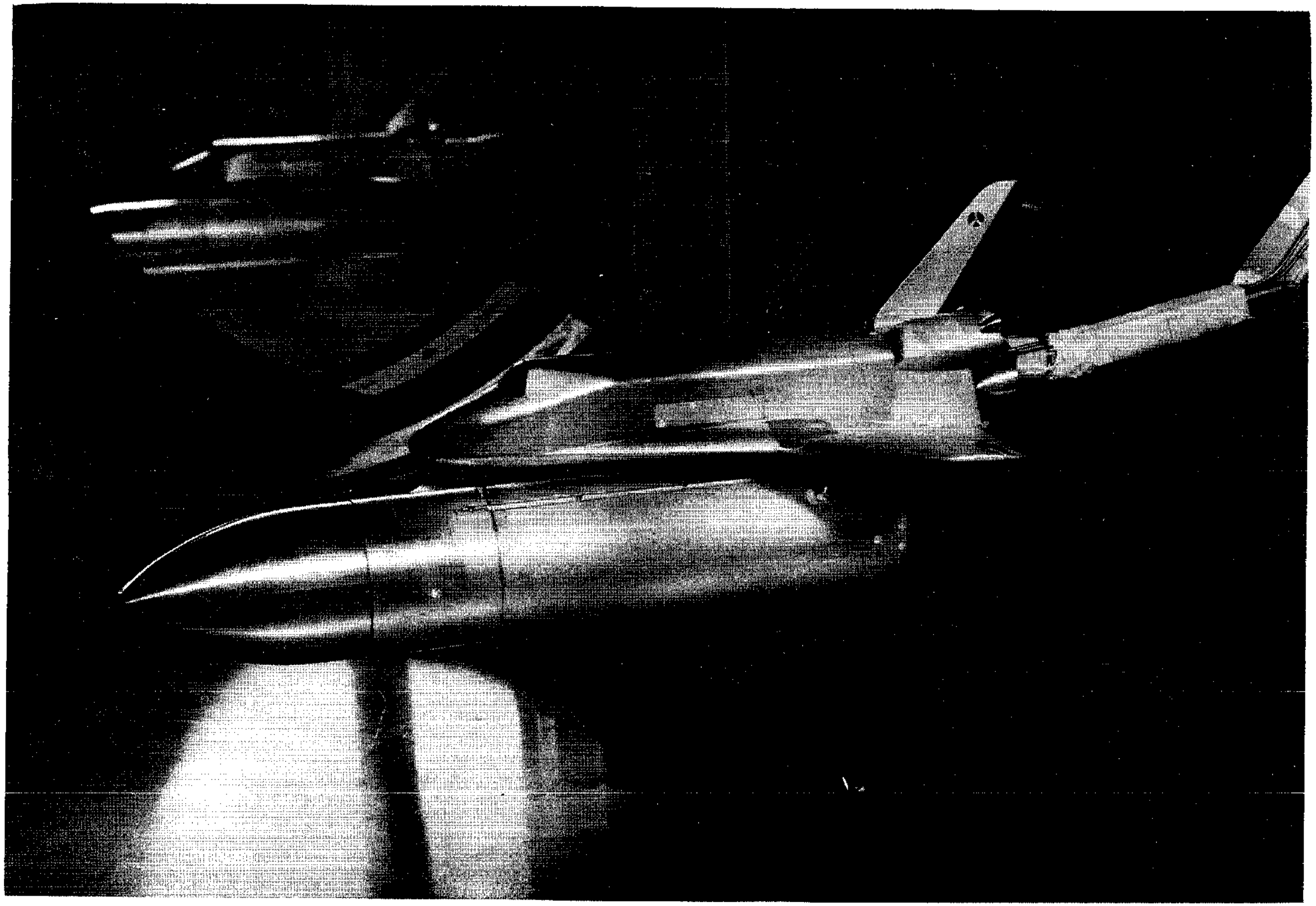
a. Front View of Model on CTS Rig
Figure 3. Model photographs.



b. Front Three-quarter View of Model CTS Rig
Figure 3. Continued.



c. Top Three-quarter View of Model Installed in Tunnel
Figure 3. Continued.



d. Model with SRB's Removed
Figure 3. Concluded.

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APPENDIX

TABULATED SOURCE DATA

COEFFICIENT SCHEDULE

DATA SET I.D.	1st INDEP. VARIABLE	2nd INDEP. VARIABLE	DEPENDENT VARIABLES
OVT101 - 15	MACH	ALPHA	CN, CLM, CA, CY, CYN, CBL, BETA
OVT001 - 179 OVT501 - 733 OVTL01 - L59 OVTR01 - R63	Z	X	CN, CLM, CA, CY, CYN, CBL, ALPHA, BETA, DALFA, DBETA
LVT001 - 179	Z	X	Y, CN, CLM, CY, CYN, ALPHAB, BETAB, ALPHA, BETA
LVT501 - 733 LVTL01 - L59	Z	X	CN, CNT, CLM, CLMT, CY, CYT, CYN, CYNT, ALPHAB, BETAB
LVTR01 - R63	Z	X	Y, CN, CLM, CY, CYN, ALPHAB, BETAB, ALPHA, BETA
RVT001 - 179	Z	X	Y, CN, CLM, CY, CYN, ALPHAR, BETAR, ALPHA, BETA
RVT501 - 733	Z	X	CN, CNT, CLM CLMT, CY, CYT, CYN, CYNT, ALPHAR, BETAR
RVTL01 - L59	Z	X	Y, CN, CLM, CY, CYN, ALPHAR, BETAR, ALPHA, BETA
RVTR01 - R63	Z	X	CN, CNT, CLM, CLMT, CY, CYT, CYN, CYNT, ALPHAR, BETAR
PVT001 - 179	Z	X	Y, PHI, PC/P, PB1/P, PB2/P
PVT501 - 733	Z	X	Y, PHI, PC/P, PB1/P, PB2/P, MDOT, PA, DELP, TA, PHIL
PVTL01 - L59	Z	X	Y, PHI, PC/P, PB1/P, PB2/P, MDOT, PA, DELP, TA, PHIL
RVTR01 - R63	Z	X	Y, PHI, PC/P, PB1/P, PB2/P, MDOT, PA, DELP, TA, PHIL
TVT501 - 733	Z	X	Y, MTR, MTL, PSR, PSL, PCHAR, PCHFR, PCHAL, PCHFL, PHIR
TVTL01 - L59	Z	X	YL, YR, MTL, PSL, PCHAL, PCHFL, LTFW, LTAFT, PHIR
TVTR01 - R63	Z	X	YR, YL, MTR, PSR, PCHAR, PCHFR, RTFW, RTAFT, PHIR
SVT001 - 179	Z	X	YL, YR, MACH, P, Q(PSI), T
SVT501 - 733 SVTL01 - L59 SVTR01 - R63	Z	X	YL, YR, MACH, P, Q(PSI), T, LTFW, LTAFT, RTFW, RTAFT

INDEX TO DATA TABULATIONS

* RTFW data are unavailable to DMS; lack of data is noted by asterisk in these data sets.

IA142, ISOLATED O/ET (OVT101) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 446/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.077	-.06281	.03136	.18957	-.00529	.00351	-.00140	.00343
4.500	-5.067	-.18980	.06652	.21579	-.00710	.00417	-.00129	.01339
4.500	-10.067	-.30750	.09270	.24086	-.00229	.00211	-.00086	.00153
4.500	-10.000	-.30923	.09306	.24148	-.00393	.00251	-.00103	.00544
4.500	-4.923	-.18541	.06523	.21472	-.00426	.00323	-.00103	.00376
4.500	.058	-.06085	.03085	.18934	-.00393	.00274	-.00108	.00760
	GRADIENT	.02501	-.00690	-.00510	.00007	-.00010	-.00001	.00077

IA142, ISOLATED O/ET (OVT102) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 752/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.086	-.06700	.03182	.18922	.02739	-.00400	.00584	-.00822
4.500	-5.071	-.19249	.06749	.21609	.02661	-.00378	.00607	.01674
4.500	-10.084	-.31468	.09391	.24193	.02948	-.00479	.00616	.01669
4.500	-10.002	-.31232	.09351	.24173	.02837	-.00475	.00606	.01617
4.500	-4.934	-.19056	.06668	.21547	.02659	-.00381	.00598	.01545
4.500	.061	-.06249	.03089	.18851	.02757	-.00430	.00586	.01371
	GRADIENT	.02564	-.00716	-.00540	.00020	-.00010	-.00002	-.00035

IA142, ISOLATED O/ET (OVT103) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 447/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.978	.04810	.00705	.17570	-.00226	.00189	-.00079	.00267
4.500	10.056	.16966	-.02557	.16569	-.00341	.00177	-.00088	.00649
4.500	15.064	.28848	-.05438	.15374	-.00593	.00246	-.00040	.00403
4.500	9.920	.16784	-.02518	.16513	-.00367	.00177	-.00061	.00662
4.500	4.932	.04713	.00737	.17503	-.00314	.00203	-.00088	.00534
4.500	-.073	-.06443	.03166	.18958	-.00397	.00278	-.00101	.00423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVT104) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 882/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM*	CA	CY	CYN	CBL	BETA
4.500	-.080	-.06179	.02991	.18831	.03446	-.00562	.00706	-.01287
4.500	-5.075	-.19298	.06593	.21472	.03363	-.00527	.00734	.01903
4.500	-10.074	-.31505	.09305	.24096	.03430	-.00568	.00710	.01467
4.500	-10.002	-.31140	.09223	.23990	.03240	-.00537	.00698	.01922
4.500	-4.925	-.18675	.06415	.21344	.03059	-.00458	.00708	.01690
4.500	.061	-.05757	.02883	.18697	.03159	-.00500	.00678	.01814
	GRADIENT	.02591	-.00708	-.00531	.00020	-.00008	-.00006	.00025

IA142, ISOLATED O/ET (OVTI05) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 883/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.082	-.06494	.03040	.18711	.03179	-.00529	.00698	-.00706
4.500	-5.070	-.19238	.06590	.21333	.03234	-.00532	.00716	.01960
4.500	-10.080	-.31365	.09287	.23865	.03338	-.00574	.00712	.02081
4.500	-15.076	-.44083	.12429	.25638	.03668	-.00663	.00741	.01784
4.500	-9.930	-.30903	.09193	.23791	.03375	-.00605	.00727	.01904
4.500	-4.931	-.16801	.06458	.21235	.03192	-.00530	.00714	.01966
4.500	.060	-.06134	.02961	.18651	.03335	-.00607	.00707	.01804
	GRADIENT	.02538	-.00701	-.00518	.00029	-.00016	-.00001	-.00032

IA142, ISOLATED O/ET (OVTI06) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 884/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.979	.04944	.00529	.17267	.03401	-.00611	.00734	-.01122
4.500	10.057	.17239	-.02764	.16306	.03153	-.00639	.00707	.01944
4.500	15.061	.29306	-.05679	.15094	.02798	-.00485	.00758	.01444
4.500	9.921	.16854	-.02676	.16304	.03224	-.00621	.00710	.01275
4.500	4.927	.04614	.00594	.17268	.03421	-.00630	.00728	.01463
4.500	-.074	-.06355	.03009	.18646	.03271	-.00578	.00697	.01777
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVTI07) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 5.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 448/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.079	-.06233	.03131	.19709	-.15293	.04170	-.01785	5.08360
4.500	-5.064	-.18904	.06519	.22173	-.16447	.04673	-.01761	5.00700
4.500	-10.072	-.30916	.09200	.24659	-.18163	.05532	-.01989	5.00390
4.500	-10.002	-.31144	.09241	.24707	-.17985	.05501	-.01987	5.00100
4.500	-4.917	-.18461	.06414	.22063	-.16230	.04565	-.01733	5.00370
4.500	.061	-.05552	.02970	.19570	-.14892	.04073	-.01738	4.99800
	GRADIENT	.02593	-.00692	-.00501	.00269	-.00099	-.00001	-.00114

IA142, ISOLATED O/ET (OVTI08) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 5.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 449/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.978	.06226	-.00131	.18044	-.14193	.03587	-.01669	5.08480
4.500	10.062	.18595	-.03368	.16957	-.12988	.02919	-.01555	5.00400
4.500	15.065	.29976	-.05804	.15570	-.12408	.02227	-.01513	5.01260
4.500	9.920	.18316	-.03302	.17006	-.12879	.02883	-.01539	4.99250
4.500	4.926	.05880	-.00042	.18078	-.14095	.03528	-.01658	5.00250
4.500	-.072	-.06052	.03098	.19640	-.15016	.04091	-.01741	5.00170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVTI09) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 5.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 885/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.088	-.06452	.03054	.19440	-.11553	.03334	-.00969	5.06760
4.500	-5.077	-.19243	.06512	.21905	-.12894	.03862	-.00958	5.00740
4.500	-10.076	-.31405	.09181	.24376	-.14496	.04716	-.01182	5.00560
4.500	-15.068	-.44775	.13016	.26167	-.14856	.04818	-.01141	5.00690
4.500	-9.929	-.30770	.09048	.24251	-.14328	.04691	-.01177	5.00040
4.500	-4.929	-.16800	.06406	.21808	-.12789	.03840	-.00945	5.00770
4.500	.061	-.05895	.02919	.19353	-.11346	.03281	-.00935	5.00690
	GRADIENT	.02586	-.00699	-.00492	.00289	-.00112	.00002	-.00016

IA142, ISOLATED O/ET (OVTI10) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 5.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 886/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.976	.06183	-.00259	.17737	-.10476	.02762	-.00865	5.06290
4.500	10.063	.18806	-.03558	.16640	-.09250	.02047	-.00722	5.01300
4.500	15.067	.30397	-.06045	.15238	-.08925	.01459	-.00737	5.01590
4.500	9.914	.18297	-.03443	.16728	-.09445	.02101	-.00718	5.00110
4.500	4.926	.05849	-.00180	.17734	-.10395	.02719	-.00856	5.00800
4.500	-.075	-.06290	.03010	.19365	-.11304	.03288	-.00923	5.00910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVTI11) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 10.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 887/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.009	-.05664	.02469	.20397	-.28397	.08242	-.02890	10.00800
4.500	-5.070	-.18933	.06121	.22976	-.30926	.09560	-.02965	10.01300
4.500	-10.075	-.31700	.09271	.25190	-.32954	.10341	-.03089	10.01900
4.500	-15.063	-.46307	.13839	.27151	-.34653	.11125	-.03155	10.01700
4.500	-9.931	-.31297	.09159	.25154	-.32770	.10304	-.03084	10.00500
4.500	-4.929	-.16546	.06016	.22853	-.30860	.09479	-.02959	9.98730
4.500	.066	-.05370	.02401	.20356	-.28387	.08252	-.02892	10.00600
	GRADIENT	.02638	-.00724	-.00500	.00495	-.00246	.00013	.00374

IA142, ISOLATED O/ET (OVTI12) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 10.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 888/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.992	.07542	-.01134	.18556	-.26496	.07177	-.02688	10.00900
4.500	10.067	.20594	-.04484	.17119	-.24705	.05931	-.02495	10.01700
4.500	15.068	.32815	-.07294	.15742	-.23683	.04949	-.02609	10.01700
4.500	9.917	.20333	-.04421	.17078	-.24843	.05994	-.02515	9.99950
4.500	4.915	.07107	-.01029	.18586	-.26374	.07136	-.02680	10.00400
4.500	-.076	-.05818	.02510	.20393	-.28604	.08330	-.02909	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVTI13) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 15.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 889/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	-.008	-.04628	.01754	.21720	-.47687	.14012	-.05019	15.00800
4.500	-5.071	-.18539	.05742	.24143	-.51015	.15694	-.05237	15.01000
4.500	-10.071	-.32669	.09674	.26186	-.53636	.16800	-.05355	15.01600
4.500	-15.069	-.48270	.14923	.28311	-.56650	.18525	-.05671	15.01400
4.500	-9.936	-.32289	.09557	.26158	-.53212	.16641	-.05306	15.01500
4.500	-4.934	-.18407	.05689	.24097	-.50930	.15611	-.05241	15.00400
4.500	.065	-.04479	.01719	.21698	-.47620	.13989	-.05013	15.00600
	GRADIENT	.02786	-.00794	-.00480	.00662	-.00324	.00046	.00040

IA142, ISOLATED O/ET (OVTI14) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 15.000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 890/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CLM	CA	CY	CYN	CBL	BETA
4.500	4.992	.09103	-.02115	.19737	-.44311	.12204	-.04687	15.00900
4.500	10.068	.23262	-.06064	.18186	-.41364	.10208	-.04313	15.03000
4.500	15.060	.36677	-.09513	.17020	-.40559	.09398	-.04610	15.01800
4.500	9.916	.22939	-.05972	.18186	-.41486	.10337	-.04349	14.99900
4.500	4.921	.08900	-.02049	.19752	-.44378	.12215	-.04690	15.00500
4.500	-.078	-.04784	.01807	.21721	-.47629	.14024	-.04999	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, ISOLATED O/ET (OVTI15) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
BDFLAP = .000 SPDBRK = .000

RUN NO. 1109/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CLM	CA	CY	CYN	CBL	ALPHA
4.500	.016	-.06294	.03093	.19487	.00684	-.00255	.00076	-.08936
4.500	5.015	-.06066	.03092	.20211	-.14730	.03928	-.01662	-.00613
4.500	10.018	-.05949	.02683	.21374	-.32209	.08958	-.03648	-.01228
4.500	15.010	-.04716	.01947	.22788	-.51880	.15000	-.05854	-.00366
4.500	9.927	-.05577	.02605	.21228	-.31698	.08856	-.03579	.00048
4.500	4.937	-.06242	.03135	.20235	-.14421	.03802	-.01606	.00083
4.500	-.062	-.06164	.03073	.19495	.00709	-.00198	.00118	-.00814
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT001) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 371/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.904	400.060	-.04187	.01828	.19534	.00383	-.00163	.00089	-.08433	-.00134	-.02607	.00846
-.486	300.130	-.04830	.02261	.19410	.00064	-.00046	.00034	-.00397	.00732	-.10269	-.00344
-.445	249.970	-.05143	.02448	.19377	.00451	-.00169	.00086	-.00499	-.00184	-.10014	.00604
-.414	200.030	-.05288	.02545	.19240	.00475	-.00184	.00084	-.00394	-.00211	-.10008	.00385
-.385	175.100	-.05344	.02587	.19186	.00525	-.00178	.00064	-.00357	-.00263	-.09968	.00653
-.398	150.160	-.05624	.02675	.19191	.00605	-.00186	.00092	-.01220	-.00336	-.09028	.00941
-.330	125.030	-.05419	.02648	.19052	.00566	-.00183	.00082	-.00276	-.00182	-.09905	.01133
-.506	100.090	-.05841	.02760	.19100	.00557	-.00175	.00087	-.01122	-.00471	-.08994	.01124
-.323	74.994	-.05811	.02759	.19039	.00495	-.00185	.00080	-.00599	-.00047	-.09444	.00778
-.371	49.944	-.05840	.02802	.18983	.00406	-.00141	.00056	-.00370	-.00161	-.09610	.00666
-.418	25.066	-.06227	.02880	.18951	.00774	-.00307	.00089	-.00606	-.00275	-.09340	.01372
-.271	-.002	-.05978	.02807	.18764	.00890	-.00360	.00105	-.00410	-.00289	-.09494	.01849
-.349	-50.050	-.06016	.02731	.18545	.00628	-.00250	.00079	-.00437	.00499	-.09414	.01672
-.463	-100.140	-.05794	.02324	.18396	.00743	-.00270	.00083	-.01031	-.00316	-.08700	.03932
-.315	-200.050	-.04929	.01878	.17504	.00498	-.00191	.00088	-.00424	-.00131	-.08623	.07281
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT001) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	.000	BETAB	=	.000
Y	=	.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 373/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.070	400.140	-.03761	.01861	.19573	.00455	-.00223	.00104	-.07468	-.00106	-.03084	.00282
49.663	300.180	-.04100	.02154	.19361	.01002	-.00381	.00126	-.00488	-.00223	-.09757	-.00428
49.703	250.010	-.04293	.02318	.19240	-.00037	-.00018	.00039	.00526	.00130	-.10639	-.00029
49.569	199.980	-.04684	.02504	.19230	.00530	-.00205	.00079	-.00892	.00002	-.09123	.00294
49.661	175.100	-.04943	.02617	.19199	.00468	-.00151	.00087	-.00963	-.00262	-.08982	.00770
49.698	150.080	-.05128	.02717	.19226	.00627	-.00183	.00096	-.00892	-.00353	-.09014	.01402
49.695	125.080	-.05206	.02807	.19165	.00556	-.00199	.00076	-.01026	.00028	-.08782	.00685
49.881	100.040	-.04590	.02739	.18938	.00866	-.00284	.00111	.00994	-.00204	-.10769	.01131
49.482	75.003	-.05337	.02954	.19058	.00517	-.00198	.00088	-.01289	.00068	-.08432	.00474
49.686	49.898	-.05456	.03044	.19060	.00661	-.00258	.00096	-.01617	.00037	-.08062	.00935
49.679	24.998	-.05713	.03161	.19054	.00631	-.00257	.00103	-.01005	-.00131	-.08641	.00945
49.680	.020	-.05888	.03252	.18993	.00666	-.00272	.00101	-.01036	-.00238	-.08604	.01252
49.794	-50.036	-.05697	.03171	.18492	.00428	-.00220	.00095	-.00754	-.00084	-.08928	.01830
49.818	-100.040	-.05508	.03135	.18201	.00711	-.00265	.00101	-.00512	-.00087	-.09308	.03604
49.945	-200.060	-.04921	.03118	.17848	.00476	-.00100	.00094	-.00241	-.00374	-.09622	.07615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT002) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 372/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.645	-100.090	-.06489	.02456	.18492	.00592	-.00221	.00056	-.08793	-.00251	-.00927	.03900
.006	-50.013	-.05755	.02667	.18452	.00749	-.00309	.00089	.00289	-.00026	-.10166	.02289
-.378	.068	-.06059	.02809	.18725	.00827	-.00343	.00087	-.00813	-.00255	-.09108	.02114
-.379	25.031	-.06020	.02838	.18875	.00702	-.00273	.00081	-.00576	-.00252	-.09371	.01649
-.296	49.866	-.05988	.02834	.18971	.00718	-.00240	.00099	-.00494	-.00343	-.09495	.00954
-.326	75.016	-.05816	.02766	.19031	.00580	-.00202	.00094	-.00463	-.00340	-.09603	.01202
-.336	100.050	-.05793	.02741	.19045	.00382	-.00129	.00075	-.00473	-.00176	-.09660	.01103
-.240	125.000	-.05446	.02647	.19027	.00537	-.00189	.00094	-.00262	-.00252	-.09940	.01432
-.427	150.120	-.05626	.02677	.19181	.00546	-.00213	.00109	-.00780	-.00210	-.09489	.00864
-.321	175.110	-.05401	.02595	.19151	.00508	-.00149	.00088	-.00352	-.00325	-.09980	.00919
-.310	200.180	-.05449	.02582	.19263	.00489	-.00164	.00084	-.00568	-.00103	-.09848	.00966
-.182	249.960	-.04849	.02386	.19275	.00561	-.00226	.00094	-.00243	-.00217	-.10277	.00668
-.293	300.220	-.04637	.02231	.19349	.00355	-.00130	.00071	-.00618	-.00161	-.10069	.01063
-.169	400.160	-.03817	.01755	.19458	.00465	-.00193	.00079	-.00570	-.00180	-.10444	.00389
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 374/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
47.850	-100.130	-.05829	.03188	.18254	.00760	-.00301	.00113	-.06726	-.00030	-.03122	.03598
49.724	-49.997	-.05506	.03130	.18388	.01171	-.00451	.00158	-.00900	-.00413	-.08818	.02218
49.559	-.035	-.05756	.03238	.18961	.00698	-.00292	.00089	-.00882	.00004	-.08808	.01085
49.699	24.986	-.05732	.03172	.19076	.00312	-.00136	.00069	-.01543	.00011	-.08163	.00722
49.718	49.942	-.05604	.03076	.19059	.00478	-.00158	.00067	-.01050	-.00126	-.08686	.01041
49.816	75.004	-.05286	.02961	.19083	.00540	-.00177	.00084	-.00672	-.00256	-.09097	.01022
49.758	100.130	-.05128	.02857	.19080	.00476	-.00174	.00071	-.00924	-.00372	-.08889	.01051
49.744	125.030	-.05166	.02794	.19129	.00511	-.00172	.00072	-.01091	-.00216	-.08764	.01012
49.767	150.010	-.05124	.02716	.19184	.00510	-.00162	.00087	-.01173	-.00218	-.08752	.00815
49.787	175.040	-.04953	.02628	.19203	.00560	-.00172	.00075	-.00888	-.00469	-.09089	.00846
49.835	200.010	-.04643	.02497	.19187	.00500	-.00158	.00086	-.00779	-.00033	-.09253	.00336
49.810	249.960	-.04359	.02324	.19249	.00503	-.00214	.00093	-.01071	-.00280	-.09072	.01033
49.755	300.170	-.04153	.02172	.19328	.00585	-.00235	.00098	-.01068	-.00027	-.09209	.00043
49.925	400.110	-.03406	.01795	.19479	.00464	-.00196	.00103	-.00853	-.00060	-.09713	-.00108
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT003) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 397/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.928	400.140	-.04261	.01969	.19934	-.01042	.00544	-.00279	-.08445	.00181	-.02425	-.01402
-.282	300.370	-.04532	.02339	.19744	-.00849	.00477	-.00267	-.00460	.00292	-.10093	-.01739
-.421	250.130	-.05125	.02579	.19722	-.00870	.00489	-.00272	-.01032	.00023	-.09370	-.01265
-.352	200.160	-.05430	.02760	.19657	-.00936	.00535	-.00281	-.01054	.00230	-.09213	-.01684
-.371	175.130	-.05745	.02858	.19642	-.00882	.00541	-.00277	-.00998	-.00143	-.09211	-.00957
-.263	150.180	-.05700	.02860	.19567	-.00779	.00476	-.00257	-.00690	-.00084	-.09445	-.00976
-.276	125.090	-.05954	.02952	.19543	-.00845	.00471	-.00267	-.01263	.00268	-.08811	-.01651
-.142	100.270	-.05812	.02949	.19459	-.00864	.00460	-.00254	-.00609	-.00021	-.09414	-.01316
-.261	75.067	-.06013	.03017	.19460	-.00761	.00415	-.00249	-.01113	-.00036	-.08825	-.01018
-.227	50.145	-.06095	.03053	.19406	-.00849	.00497	-.00269	-.00678	-.00151	-.09211	-.00917
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 400/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.049	400.130	-.03555	.01927	.19952	-.00569	.00346	-.00206	-.07454	.00112	-.02984	-.02094
49.579	300.170	-.04349	.02328	.19819	-.00274	.00251	-.00177	-.00884	-.01008	-.09272	-.00840
49.644	250.070	-.04820	.02545	.19820	-.00456	.00312	-.00192	-.01077	.00179	-.08956	-.01923
49.760	200.100	-.04734	.02628	.19609	-.00441	.00313	-.00172	-.00729	.00158	-.09194	-.01710
49.706	175.150	-.04774	:02701	.19562	-.00502	.00328	-.00188	-.00526	-.00041	-.09325	-.01362
49.725	150.170	-.04814	.02782	.19564	-.00457	.00332	-.00181	-.00592	-.00067	-.09206	-.01463
49.583	125.060	-.05533	.02995	.19647	-.00497	.00335	-.00191	-.01072	-.00160	-.08683	-.01515
49.928	100.120	-.05085	.02976	.19463	-.00581	.00349	-.00187	-.00482	.00100	-.09210	-.01583
49.662	75.133	-.05484	.03129	.19518	-,00605	.00344	-.00190	-.00981	-.00262	-.08660	-.01307
49.846	50.146	-.05311	.03150	.19377	-.00517	.00312	-.00189	-.00580	-.00158	-.09009	-.01293
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT004) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 398/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.319	25.169	-.06037	.03045	.19230	-.00552	.00340	-.00236	-.07762	.00127	-.02100	-.01092
-.328	.109	-.06263	.03100	.19209	-.00588	.00332	-.00235	-.01253	-.00115	-.08578	-.00397
-.237	-49.884	-.06202	.02998	.18892	-.00782	.00412	-.00276	-.00456	.00062	-.09302	.00389
-.177	-99.966	-.05600	.02594	.18758	-.00705	.00439	-.00268	-.00566	-.00264	-.09091	.01982
-.253	-199.920	-.05298	.02274	.18077	-.00938	.00508	-.00290	-.00652	.00146	-.08471	.05047
-.219	-99.948	-.05776	.02597	.18752	-.00409	.00344	-.00241	-.01136	-.00521	-.08537	.02513
-.274	-49.822	-.06196	.02993	.18956	-.00544	.00340	-.00234	-.00714	.00103	-.09085	.00315
-.141	.162	-.05938	.02977	.19042	-.00376	.00231	-.00204	-.00487	-.00115	-.09362	-.00333
-.374	25.197	-.06278	.03074	.19295	-.00491	.00340	-.00221	-.00823	-.00108	-.09049	-.00409
-.185	50.137	-.05949	.03004	.19324	-.00636	.00387	-.00218	-.00466	.00018	-.09424	-.01036
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 401/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
47.692	25.209	-.05735	.03307	.19396	-.00461	.00279	-.00183	-.06992	.00168	-.02573	-.01313
49.812	.177	-.05722	.03352	.19299	-.00503	.00279	-.00178	-.00409	-.00068	-.09129	-.00646
49.718	-49.911	-.05880	.03362	.18874	-.00538	.00279	-.00167	-.00822	-.00128	-.08789	.00084
49.864	-99.970	-.05585	.03354	.18548	-.00370	.00272	-.00157	.00023	.00131	-.09794	.01268
50.049	-199.820	-.04735	.03302	.18035	-.00600	.00449	-.00172	.00385	-.00123	-.10265	.04528
49.407	-99.923	-.05729	.03391	.18638	-.00444	.00260	-.00157	-.01721	.00240	-.08063	.01220
49.664	-49.926	-.05631	.03321	.18823	-.00632	.00323	-.00182	-.01122	-.00021	-.08547	.00316
49.694	.054	-.05632	.03329	.19237	-.00444	.00242	-.00175	-.00774	.00062	-.08843	-.01017
49.677	25.187	-.05670	.03295	.19346	-.00580	.00319	-.00178	-.00677	.00364	-.08954	-.01582
49.811	50.118	-.05483	.03196	.19345	-.00456	.00320	-.00176	-.00595	.00056	-.09066	-.01272
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT005) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 399/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.325	75.185	-.06089	.03028	.19439	-.00501	.00372	-.00192	-.07861	-.00017	-.02134	-.01179
-.060	100.290	-.05502	.02872	.19364	-.00454	.00350	-.00210	-.00020	-.00505	-.10033	-.00759
-.289	125.190	-.05590	.02873	.19460	-.00698	.00410	-.00215	-.01013	.00053	-.09092	-.01034
-.220	150.110	-.05591	.02854	.19534	-.00668	.00402	-.00222	-.00571	-.00097	-.09604	-.01254
-.198	175.040	-.05667	.02831	.19620	-.00609	.00385	-.00207	-.00787	.00009	-.09462	-.01401
-.246	200.160	-.05576	.02779	.19664	-.00612	.00417	-.00211	-.00519	-.00008	-.09777	-.01414
-.138	250.150	-.05207	.02611	.19758	-.00755	.00433	-.00226	-.00423	-.00033	-.09994	-.01349
-.198	300.280	-.04847	.02430	.19837	-.00740	.00378	-.00228	-.00484	-.00012	-.10081	-.01246
-.051	400.210	-.03989	.01918	.19921	-.00706	.00398	-.00218	-.00480	-.00210	-.10379	-.01202
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 402/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
47.691	75.145	-.05680	.03164	.19472	-.00534	.00347	-.00165	-.07260	.00085	-.02431	-.01640
49.765	100.300	-.05285	.03003	.19411	-.00419	.00330	-.00165	-.00293	.00229	-.09453	-.01838
49.736	125.170	-.05199	.02928	.19494	-.00443	.00284	-.00163	-.01035	-.00177	-.08742	-.01654
49.880	150.230	-.04782	.02759	.19408	-.00380	.00314	-.00154	-.00475	-.00415	-.09377	-.01276
49.762	175.160	-.04767	.02704	.19504	-.00447	.00316	-.00168	-.00725	-.00043	-.09184	-.01339
49.761	200.230	-.04665	.02620	.19544	-.00353	.00295	-.00154	-.01221	-.00153	-.08751	-.01452
49.622	250.250	-.04696	.02506	.19682	-.00466	.00284	-.00175	-.01169	.00051	-.08907	-.01675
49.800	300.220	-.04307	.02310	.19721	-.00447	.00298	-.00162	-.00863	-.00168	-.09323	-.01714
49.880	400.160	-.03609	.01927	.19896	-.00377	.00239	-.00150	-.00993	.00132	-.09462	-.02134
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT006) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 407/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.107	400.460	-.02999	.00600	.19234	.00347	-.00108	.00071	-.08860	.00509	-4.04750	.00724
-.441	300.180	-.03321	.00749	.19181	.00354	-.00131	.00071	-.01162	.00719	-4.11990	.00491
-.349	250.200	-.03452	.00794	.19118	.00439	-.00117	.00053	-.01043	.00827	-4.11900	.00452
-.335	200.150	-.03843	.00955	.19061	.00473	-.00183	.00099	-.01075	.00750	-4.11790	-.00201
-.328	175.190	-.04092	.01006	.19031	.00539	-.00152	.00119	-.01394	.00859	-4.11410	-.00111
-.201	150.110	-.03847	.00812	.18935	.00509	-.00180	.00120	-.00808	.00889	-4.11940	-.00158
-.220	125.050	-.03017	.00212	.18876	.00403	-.00169	.00124	-.01293	.00885	-4.11350	-.00190
-.358	100.260	-.02818	-.00116	.18939	.00367	-.00125	.00089	-.01583	.00583	-4.10980	.00160
-.181	75.353	-.02174	-.00484	.18884	.00586	-.00225	.00099	-.00698	.00623	-4.11830	-.00030
-.266	50.082	-.01950	-.00602	.18827	.00632	-.00241	.00109	-.00622	.00759	-4.11900	-.00124
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 410/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.799	400.440	-.03552	.01236	.19245	.00422	-.00149	.00086	-.08777	.00578	-4.04350	-.00755
49.672	300.230	-.03732	.01496	.19091	.00460	-.00174	.00066	-.00491	.00771	-4.12280	-.00880
49.580	249.960	-.04133	.01687	.19045	.00505	-.00191	.00094	-.00675	.00308	-4.11980	-.00580
49.626	200.070	-.04690	.01903	.19082	.00574	-.00172	.00085	-.01143	.00424	-4.11400	-.00360
49.716	175.140	-.04549	.01929	.18897	.00595	-.00195	.00081	-.00815	.00716	-4.11690	-.00580
49.644	150.200	-.04723	.02036	.18827	00614	-.00233	.00090	-.00718	.00710	-4.11730	-.00826
49.582	125.070	-.04902	.02093	.18779	.00528	-.00167	.00083	-.00975	.00429	-4.11430	.00026
49.789	100.190	-.04170	.01885	.18554	.01244	-.00368	.00163	-.00916	-.00967	-4.11430	.01313
49.434	75.137	-.04773	.01880	.18756	.00521	-.00122	.00121	-.01308	.00740	-4.10980	-.00137
49.725	50.065	-.04352	.01636	.18712	.00549	-.00198	.00105	-.00792	.00943	-4.11450	-.00176
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT007) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 432/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.559	400.490	-.02988	.00659	.19307	-.00670	.00411	-.00175	-.08773	.00616	-4.09570	.01875
-.427	300.110	-.03136	.00734	.19213	-.00722	.00433	-.00210	-.00662	.00625	-4.17170	.01658
-.227	249.970	-.02956	.00706	.19060	-.00701	.00342	-.00188	-.00914	.01000	-4.16710	.01386
-.411	199.940	-.03615	.00930	.19061	-.00569	.00325	-.00157	-.01216	.00624	-4.16330	.01169
-.304	174.920	-.03932	.00988	.19097	-.00676	.00417	-.00157	-.00975	.01010	-4.16520	.00973
-.195	149.860	-.03575	.00768	.18991	-.00595	.00344	-.00143	-.01022	.00912	-4.16410	.01251
-.238	124.870	-.02933	.00233	.18947	-.00689	.00373	-.00149	-.01575	.00842	-4.15760	.01257
-.225	99.926	-.02535	-.00153	.18942	-.00502	.00328	-.00149	-.01125	.00417	-4.16100	.01553
-.242	74.900	-.02159	-.00487	.18962	-.00524	.00298	-.00151	-.01051	.00843	-4.16140	.01513
-.277	49.777	-.02075	-.00571	.18980	-.00399	.00267	-.00141	-.00876	.00420	-4.16310	.01511
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 437/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.874	400.450	-.03327	.01127	.19029	.00472	-.00153	.00094	-.08094	.00464	-4.05030	-.00135
49.558	300.070	-.04175	.01533	.19087	.00578	-.00189	.00088	-.00899	.00824	-4.11870	-.00461
49.698	249.910	-.04233	.01659	.18954	.00761	-.00265	.00108	-.00658	.00783	-4.11990	-.00221
49.734	199.950	-.04275	.01746	.18840	.00562	-.00206	.00078	-.00462	.00877	-4.12060	-.00160
49.578	174.960	-.04858	.01943	.18888	.00547	-.00205	.00086	-.00871	.00727	-4.11630	-.00492
49.705	149.970	-.04916	.02021	.18742	.00728	-.00233	.00100	-.00611	.00784	-4.11830	-.00484
49.707	124.970	-.04924	.02051	.18653	.00536	-.00162	.00110	-.00418	.00559	-4.11960	-.00231
49.739	100.060	-.04742	.01970	.18590	.00560	-.00163	.00118	-.00656	.00502	-4.11660	.00264
49.662	74.942	-.04575	.01737	.18544	.00506	-.00144	.00131	-.00775	.00639	-4.11480	-.00144
49.712	49.830	-.04434	.01547	.18604	.00711	-.00242	.00151	-.00978	.00425	-4.11220	.00121
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT008) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 408/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.192	25.300	-.01900	-.00575	.18704	.00939	-.00394	.00126	-.00485	.00464	-4.12050	.00480
-.412	.142	-.02496	-.00359	.18748	.00653	-.00279	.00113	-.00923	.00753	-4.11560	.00548
.342	-50.056	.00493	-.01712	.18159	.00389	-.00130	.00144	.01800	.02286	-4.14270	.00063
-.842	-99.947	-.02102	-.00840	.18570	.00160	.00095	-.00013	-.02328	.00689	-4.10020	.02766
-.396	-149.900	-.03075	-.00382	.17817	.00231	-.00057	.00067	-.00922	.00676	-4.11360	.04045
-.140	-99.789	-.01849	-.01064	.18673	.00497	-.00161	.00068	-.01168	.00740	-4.11260	.02852
.645	-50.084	.01614	-.01986	.17977	.01125	-.00313	.00165	-.00409	-.02393	-4.12070	.04656
-1.132	.177	-.02333	-.00475	.18652	.00913	-.00369	.00118	-.02322	.00941	-4.10200	.00632
-.276	25.211	-.02182	-.00583	.18698	.01213	-.00429	.00144	-.00405	.00688	-4.12150	.00644
-.242	50.047	-.02179	-.00585	.18815	.00588	-.00169	.00104	-.00857	.00817	-4.11710	.00172
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 411/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.443	25.425	-.04599	.01626	.18756	.00846	-.00329	.00127	-.08730	.00399	-4.03500	.00475
49.851	.186	-.04224	.01427	.18681	.00884	-.00367	.00120	-.00915	.00673	-4.11300	.00132
49.737	-49.968	-.04285	.01434	.18580	.00698	-.00274	.00090	-.00800	.00844	-4.11560	.01069
49.858	-99.870	-.04066	.01307	.18261	.00626	-.00196	.00043	-.00705	.00622	-4.11800	.03055
49.868	-150.010	-.04061	.01286	.17872	.00553	-.00074	-.00022	-.00757	.00570	-4.12040	.04399
49.637	-100.020	-.04181	.01318	.18219	.00847	-.00202	.00054	-.00925	.00740	-4.11610	.02166
49.519	-50.012	-.04436	.01459	.18623	.00718	-.00245	.00086	-.00979	.00909	-4.11380	.00735
49.701	.107	-.04152	.01417	.18649	.00977	-.00413	.00117	-.00849	.00720	-4.11400	.00354
49.722	25.194	-.04263	.01484	.18709	.00831	-.00286	.00115	-.00935	.00673	-4.11290	-.00204
49.747	50.012	-.04348	.01577	.18696	.00582	-.00209	.00120	-.00793	.00714	-4.11420	.00207
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT009) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 438/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.467	25.249	-.04498	.01543	.18613	.00840	-.00354	.00154	-.08722	.00710	-4.03480	.00387
49.692	-.058	-.04224	.01376	.18545	.00912	-.00357	.00110	-.00821	.00521	-4.11380	.00380
49.759	-50.070	-.04367	.01432	.18542	.00838	-.00315	.00099	-.00867	.00745	-4.11480	.01622
49.754	-100.130	-.04177	.01326	.18255	.00795	-.00288	.00057	-.00709	.00818	-4.11800	.02855
49.867	-150.200	-.03778	.01191	.17698	.00399	-.00033	-.00034	-.00460	.00753	-4.12350	.04690
49.422	-100.200	-.04465	.01368	.18286	.01491	-.00403	.00113	-.01249	-.00675	-4.11290	.03734
49.655	-50.069	-.04399	.01415	.18493	.00747	-.00273	.00086	-.00802	.01790	-4.11560	.00197
49.700	-.016	-.04228	.01404	.18563	.00961	-.00376	.00094	-.00577	.00840	-4.11660	.00099
49.669	25.017	-.04344	.01467	.18641	.00848	-.00355	.00111	-.00413	.00738	-4.11800	.00048
49.674	49.877	-.04413	.01534	.18593	.00713	-.00244	.00139	-.00716	.00928	-4.11510	-.00192
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT010) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 409/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.415	75.103	-.03071	-.00319	.19064	.00828	-.00292	.00120	-.02716	.00654	-4.09850	-.00279
.012	100.110	-.02433	-.00296	.18789	.00341	-.00094	.00109	.00075	.00629	-4.12690	-.00003
-.316	125.090	-.03043	.00139	.18887	.00514	-.00181	.00124	-.00814	.00622	-4.11840	.00163
-.361	150.140	-.03645	.00700	.18894	.00457	-.00174	.00139	-.00786	.00683	-4.11980	-.00059
-.253	175.030	-.03804	.00911	.18919	.00511	-.00202	.00128	-.00591	.00933	-4.12230	-.00268
-.225	200.060	-.03622	.00866	.18928	.00443	-.00143	.00102	-.00650	.00446	-4.12250	-.00211
-.228	250.160	-.03133	.00689	.18950	.00347	-.00120	.00061	-.00577	.00787	-4.12390	.00024
-.166	400.260	-.02599	.00459	.19159	.00408	-.00130	.00091	-.00985	.00757	-4.12620	.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT010) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 412/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.368	75.401	-.05206	.01932	.18795	.00408	-.00122	.00110	-.08582	.00303	-4.03710	.00022
49.920	100.150	-.04907	.02002	.18754	.00516	-.00153	.00106	-.00460	.00780	-4.11910	-.00291
49.735	125.100	-.04857	.02066	.18747	.00562	-.00176	.00092	-.00768	.00544	-4.11640	-.00892
49.770	150.160	-.04673	.02007	.18751	.00613	-.00183	.00090	-.00709	.00435	-4.11730	-.00208
49.692	175.030	-.04811	.01978	.18935	.00460	-.00150	.00075	-.00946	.00637	-4.11570	-.00456
49.780	200.120	-.04504	.01849	.18979	.00666	-.00236	.00095	-.00873	.00644	-4.11680	-.00552
49.812	249.990	-.04153	.01691	.19027	.00681	-.00263	.00090	-.00750	.00702	-4.11910	-.00604
49.881	300.140	-.03676	.01474	.19020	.00543	-.00212	.00080	-.00678	.00611	-4.12120	-.00553
49.769	400.190	-.03153	.01140	.19147	.00543	-.00182	.00085	-.00682	.00679	-4.12430	-.00505
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT011) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 436/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.264	75.030	-.02444	-.00483	.18778	.00770	-.00335	.00153	-.00379	-.00272	-4.12180	.01158
-.366	99.959	-.02985	-.00244	.18806	.00563	-.00212	.00123	-.01200	.00573	-4.11420	.00433
-.179	124.960	-.03176	.00113	.18799	.00502	-.00189	.00120	-.00394	.00972	-4.12280	-.00108
-.105	149.950	-.03365	.00588	.18727	.00506	-.00162	.00123	-.00206	.00986	-4.12540	.00253
-.348	175.010	-.03762	.00849	.18804	.00481	-.00171	.00120	-.00937	.00866	-4.11880	.00056
-.198	199.910	-.03586	.00826	.18842	.00478	-.00181	.00107	-.00677	.00825	-4.12180	.00061
-.245	249.960	-.03264	.00668	.18935	.00410	-.00147	.00069	-.00806	.01009	-4.12140	.00756
-.112	300.050	-.02940	.00574	.18947	.00309	-.00102	.00060	-.00640	.01040	-4.12520	.00170
-.138	400.120	-.02596	.00413	.19040	.00393	-.00126	.00094	-.00935	.00897	-4.12650	.00495
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT011) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 439/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.510	75.172	-.04666	.01755	.18512	.00787	-.00245	.00161	-.08378	.00396	-4.03900	.00371
49.771	99.947	-.04890	.01965	.18613	.00672	-.00178	.00127	-.00587	.00760	-4.11750	-.00380
49.715	124.930	-.04932	.02041	.18647	.00619	-.00181	.00115	-.00505	.00526	-4.11900	.00250
49.744	150.050	-.04766	.01988	.18691	.00567	-.00175	.00091	-.00585	.00637	-4.11870	.00077
49.718	175.010	-.04824	.01923	.18854	.00606	-.00215	.00097	-.01147	.00682	-4.11370	-.00196
49.713	199.970	-.04677	.01837	.18921	.00717	-.00270	.00097	-.00885	.00761	-4.11660	-.00192
49.789	249.910	-.04322	.01680	.18981	.00678	-.00234	.00086	-.00782	.00594	-4.11870	-.00352
49.787	300.020	-.04089	.01513	.19064	.00604	-.00221	.00088	-.00881	.00865	-4.11900	-.00825
50.020	399.970	-.03183	.01098	.19010	.00578	-.00168	.00110	-.00659	.00728	-4.12450	-.00552
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT012) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 450/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
74.641	400.780	-.01270	-.00528	.18968	.00711	-.00230	.00149	-.09090	.00175	-8.06650	-.02160
74.643	300.130	-.00710	-.01078	.19041	.00678	-.00200	.00133	-.01418	.00734	-8.14060	-.01735
74.783	250.140	-.00627	-.01106	.19043	.00845	-.00250	.00146	-.00779	.00425	-8.14720	-.01968
74.684	200.090	-.00665	-.01198	.18954	.00731	-.00223	.00170	-.00976	.00561	-8.14450	-.01437
74.821	175.130	.00641	-.02288	.18805	.00877	-.00280	.00166	-.01528	.00978	-8.13890	-.02199
74.825	150.070	.02372	-.03581	.18754	.00815	-.00278	.00160	-.01313	.00482	-8.13980	-.01845
74.695	125.090	.03126	-.04356	.18881	.00659	-.00236	.00151	-.01613	.00568	-8.13650	-.02230
74.854	100.180	.04385	-.05040	.18809	.00778	-.00245	.00155	-.00623	.00858	-8.14630	-.02443
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT012) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 453/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.463	400.830	-.02602	.00337	.19204	.00673	-.00229	.00129	-.08755	-.00154	-8.06790	-.01751
99.888	300.270	-.01684	.00063	.18988	.00818	-.00293	.00142	-.00137	.00673	-8.15110	-.02862
99.629	250.130	-.01866	-.00040	.19030	.00939	-.00303	.00150	-.01017	.00663	-8.14240	-.02711
99.624	200.110	-.02077	-.00010	.18974	.00948	-.00309	.00154	-.01147	.00567	-8.14130	-.02087
99.800	175.070	-.01809	-.00118	.18905	.00671	-.00170	.00156	-.00571	.00689	-8.14650	-.02349
99.748	150.110	-.00928	-.00887	.18826	.00707	-.00189	.00175	-.01318	.00494	-8.13810	-.02503
99.771	125.120	-.00123	-.01632	.18852	.00758	-.00268	.00161	-.01591	.00613	-8.13490	-.02389
99.849	100.230	.00962	-.02314	.18803	.00756	-.00255	.00147	-.00814	.00524	-8.14230	-.02111
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT013) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 472/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.549	400.620	-.02163	.00365	.19094	-.00159	.00145	-.00107	-.08403	-.00212	-8.06990	.01479
99.702	300.080	-.02094	.00273	.18950	-.00012	.00122	-.00080	-.01004	.00307	-8.14170	.00874
99.734	250.020	-.01895	.00126	.18860	-.00017	.00087	-.00074	-.00862	.00425	-8.14220	.01325
99.661	199.980	-.02377	.00263	.18912	-.00142	.00141	-.00070	-.01165	.00348	-8.13980	.01476
99.896	174.970	-.01947	.00116	.18818	.00061	.00091	-.00053	-.00917	.00294	-8.14210	.01388
99.696	149.960	-.01416	-.00447	.18738	-.00152	.00170	-.00026	-.01323	.00331	-8.13710	.01028
99.813	124.960	-.00573	-.01167	.18734	-.00067	.00171	-.00044	-.01214	.00272	-8.13780	.01484
99.845	99.993	.00482	-.01862	.18681	-.00249	.00225	-.00065	-.01038	.00426	-8.13890	.01353
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT014) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 451/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
74.868	75.075	.04637	-.05186	.18706	.00653	-.00222	.00103	-.00434	.00563	-8.14850	-.01941
74.689	50.106	.04309	-.04904	.18760	.00743	-.00246	.00118	-.00634	.00731	-8.14740	-.01475
74.777	25.061	.04311	-.04777	.18964	.00623	-.00248	.00128	-.00234	.00848	-8.15240	-.01996
74.801	.068	.04566	-.04819	.18815	.00635	-.00204	.00128	-.00319	.00572	-8.15220	-.01043
74.645	25.130	.04490	-.04844	.18947	.00608	-.00190	.00102	-.00790	.01057	-8.14700	-.01873
74.602	50.048	.04377	-.04937	.18763	.00743	-.00300	.00093	-.01287	.00948	-8.14120	-.02323
74.766	75.027	.04920	-.05272	.18612	.00669	-.00255	.00098	-.00871	.00782	-8.14440	-.01987
74.439	100.120	.04207	-.05140	.18850	.00813	-.00259	.00127	-.01080	.00700	-8.14180	-.01456
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 454/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.539	75.762	.00525	-.02277	.18926	.00709	-.00249	.00159	-.09994	.00448	-8.05100	-.02486
99.873	50.110	.01420	-.02553	.18856	.00782	-.00304	.00185	-.00530	.00833	-8.14650	-.01988
99.736	25.175	.01508	-.02502	.18802	.00901	-.00371	.00215	-.00634	.00528	-8.14670	-.01442
99.660	.133	.01480	-.02531	.18865	.00901	-.00382	.00200	-.00683	.00901	-8.14720	-.01658
99.746	25.122	.01803	-.02579	.18745	.00924	-.00363	.00211	-.00290	.00717	-8.15020	-.01778
99.614	50.081	.01659	-.02624	.18779	.00684	-.00258	.00170	-.01116	.00592	-8.14080	-.01888
99.573	75.065	.01205	-.02552	.18900	.00698	-.00235	.00164	-.00863	.00579	-8.14240	-.02231
99.691	100.050	.01057	-.02422	.18802	.00837	-.00240	.00163	-.00643	.00519	-8.14430	-.01913
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT015) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 473/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.611	75.648	.00418	-.01924	.18810	-.00237	.00177	-.00090	-.09940	.00154	-8.05020	.01418
99.828	49.919	.00837	-.02102	.18794	-.00111	.00167	-.00078	-.00474	.00033	-8.14570	.02059
99.820	24.972	.00744	-.01924	.18759	-.00013	.00048	-.00008	-.00240	.00382	-8.14910	.01883
99.868	-.115	.01118	-.02031	.18735	.00111	-.00018	.00002	.00586	-.00482	-8.15860	.03220
99.704	24.901	.01120	-.02018	.18704	.00397	-.00055	.00005	-.00031	.00212	-8.15120	.02065
99.661	49.915	.01089	-.02170	.18756	.00003	.00092	-.00053	-.01056	.00401	-8.13990	.01539
99.759	74.941	.00959	-.02214	.18770	-.00029	.00064	-.00069	-.01159	.00467	-8.13820	.01484
99.667	99.908	.00304	-.01915	.18815	-.00115	.00146	-.00064	-.00978	.00084	-8.13960	.01579
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT016) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 452/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
74.747	125.140	.03483	-.04525	.18844	.00575	-.00201	.00141	-.01300	.00970	-8.13950	-.01617
74.641	150.110	.02543	-.03818	.18748	.00698	-.00218	.00120	-.00554	.00784	-8.14760	-.02268
74.524	175.160	.00818	-.02560	.18877	.00601	-.00170	.00129	-.00226	.00816	-8.15210	-.01997
74.555	200.130	-.00623	-.01300	.19001	.01003	-.00327	.00187	-.00433	.01069	-8.15040	-.02238
74.654	250.150	-.00871	-.01100	.19091	.00757	-.00240	.00125	-.00369	.00453	-8.15160	-.01474
74.788	300.270	-.00390	-.01178	.18998	.00697	-.00224	.00124	-.00160	.00681	-8.15330	-.02480
74.742	400.210	-.00844	-.00703	.18937	.00765	-.00268	.00172	-.00340	.00765	-8.15400	-.02535
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT016) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 455/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.584	125.790	-.00132	-.01531	.18791	.00799	-.00253	.00172	-.09287	.00167	-8.05810	-.01770
99.699	150.090	-.00777	-.01040	.18838	.00773	-.00240	.00188	-.00779	.00766	-8.14380	-.02883
99.664	175.060	-.01846	-.00213	.18933	.00879	-.00246	.00188	-.00448	.00542	-8.14800	-.01997
99.744	200.020	-.01876	-.00079	.18900	.00909	-.00318	.00160	-.00536	.00495	-8.14720	-.01972
99.742	250.180	-.01621	-.00112	.18970	.00830	-.00287	.00148	-.00738	.00781	-8.14510	-.02819
99.652	300.220	-.01943	.00035	.19021	.00810	-.00282	.00161	-.00956	.00826	-8.14310	-.02497
99.890	400.250	-.01625	.00099	.18932	.00678	-.00243	.00137	-.00522	.00569	-8.15010	-.03285
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT017) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 474/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.477	125.650	-.00973	-.01006	.18786	-.00142	.00152	-.00039	-.09535	-.00137	-8.05470	.01868
99.823	149.990	-.01160	-.00621	.18705	-.00036	.00099	-.00011	.00137	.00091	-8.15180	.01812
99.718	174.960	-.01981	.00028	.18892	-.00114	.00125	-.00032	-.00525	.00484	-8.14650	.01400
99.731	199.890	-.01960	.00090	.18798	.00170	.00059	-.00058	-.00956	.00044	-8.14140	.01459
99.715	250.000	-.01879	.00093	.18911	.00139	.00046	-.00055	-.00744	.00606	-8.14340	.00671
99.783	300.030	-.02064	.00249	.18986	.00089	.00033	-.00043	-.00697	.00291	-8.14480	.00893
99.842	400.090	-.01896	.00304	.19077	-.00094	.00136	-.00074	-.00530	.00350	-8.14870	.00787
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT018) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 475/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.379	-2.563	-.03594	.01429	.19623	-.00280	.00002	-.00034	-.08158	-.00940	-.00294	4.01570
.051	97.445	-.02637	.01121	.19731	-.00143	-.00101	-.00005	-.00116	.01079	-.08733	4.01370
-.156	197.390	-.02324	.00944	.19650	-.00287	-.00024	-.00030	-.00016	.00620	-.09124	4.01780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 476/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.959	197.370	-.01586	.00581	.19545	-.00255	-.00044	-.00038	-.00024	.00564	-.09254	4.02210
49.676	97.469	-.02000	.00791	.19622	-.00193	-.00042	-.00033	-.00939	.00588	-.08124	4.01630
49.654	-2.575	-.02387	.00967	.19495	-.00233	-.00023	-.00044	-.00930	.01193	-.07706	3.99360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 477/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.942	-2.651	-.01705	.00630	.19334	-.00233	-.00023	-.00031	-.00812	.00893	-.08174	3.99860
99.762	97.487	-.01662	.00509	.19497	-.00345	-.00014	-.00030	-.01537	.01600	-.07705	4.00090
99.887	197.340	-.00907	.00142	.19371	-.00225	-.00022	-.00017	-.00265	.01717	-.09137	4.00260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 478/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.870	197.540	-.00810	-.00107	.18736	-.00168	-.00088	.00012	-.00625	.01265	-.09485	3.99760
199.510	97.377	-.01726	.00468	.18824	-.00102	-.00107	.00021	-.01642	.00698	-.08187	3.99820
199.670	-2.538	-.01744	.00632	.18895	.00353	-.00231	.00035	.00658	-.01441	-.10270	4.01070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT019) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 479/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.176	.306	-.05033	.02332	.18783	-.00149	-.00057	.00008	-.00022	.00572	-.08980	2.02510
-.056	100.280	-.04704	.02158	.19165	-.00328	.00007	-.00027	-.01179	.01031	-.08498	2.00460
-.019	200.300	-.04154	.01884	.19463	-.00299	-.00031	-.00001	-.00976	.01218	-.08894	1.98200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 480/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.849	200.360	-.03388	.01695	.19416	-.00309	-.00057	-.00006	.00091	.01050	-.09794	1.98100
49.719	100.330	-.04146	.02032	.19363	-.00534	.00041	-.00037	-.00799	-.00512	-.08988	2.01620
49.647	.261	-.04479	.02285	.18982	.00001	-.00074	.00029	-.00711	.02039	-.08513	2.00950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 481/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	.311	-.03380	.02053	.19223	-.00113	-.00100	.00007	-.00272	.01318	-.09321	2.01960
99.814	100.290	-.02690	.01643	.19388	-.00120	-.00106	.00003	-.00052	.01874	-.09697	1.99260
99.592	200.310	-.02686	.01336	.19557	-.00012	-.00134	.00021	-.00720	-.01615	-.08878	2.00850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 482/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.180	200.360	.00116	-.00109	.19315	-.00069	-.00088	.00006	-.00376	.00883	-.09752	1.99570
199.630	100.300	-.00683	.00461	.19512	-.00139	-.00060	-.00011	-.01107	.01080	-.09022	2.00110
199.810	.263	-.01278	.00951	.19499	.00019	-.00099	.00020	-.00579	.00703	-.10218	2.00930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT020) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 483/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.331	.437	-.04457	.01965	.19319	-.00093	-.00072	.00001	-.07872	-.01022	-.00981	2.02290
-.035	100.310	-.03799	.01689	.19665	-.00218	-.00048	-.00003	.00036	.01214	-.09206	2.00070
.069	200.340	-.02863	.01395	.19557	-.00214	-.00088	.00015	-.00354	.01311	-.09136	1.98830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 484/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.815	200.380	-.02586	.01249	.19636	-.00235	-.00062	-.00008	-.00897	.00711	-.08656	1.99440
49.666	100.350	-.02760	.01385	.19585	.00105	-.00217	.00041	-.00486	.01294	-.08828	1.99670
49.669	.284	-.03141	.01606	.19383	-.00089	-.00035	.00002	-.00440	.00586	-.08652	2.00210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 485/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.842	.297	-.02788	.01317	.19558	-.00005	-.00117	-.00002	-.00949	.00991	-.08455	1.99130
99.961	100.260	-.01765	.00976	.19446	-.00038	-.00121	-.00004	-.00538	.01218	-.09042	2.00020
99.528	200.330	-.01942	.00795	.19685	-.00181	-.00058	.00003	-.01895	.01177	-.07568	1.98900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 486/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	200.320	.00104	-.00561	.18962	-.00123	-.00113	.00036	-.00918	.01036	-.09111	1.98480
199.770	100.260	-.00405	-.00065	.19194	-.00128	-.00078	.00016	-.00987	-.01471	-.09433	2.01070
199.510	.363	-.01217	.00472	.19084	.00002	-.00121	.00022	-.00821	.00909	-.09287	1.97710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT021) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 487/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.344	-.217	-.06549	.02786	.18564	.00109	-.00247	.00023	-.08622	-.00761	-.01307	.01642
-.103	99.905	-.06327	.02765	.18895	-.00093	-.00161	.00036	-.01128	.00908	-.09042	-.00502
.011	199.910	-.05704	.02626	.19025	-.00067	-.00142	.00036	-.00442	.00834	-.10027	-.00846
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 488/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.753	199.820	-.05244	.02600	.19072	.00050	-.00153	.00035	.00488	.00790	-.10502	-.01125
49.758	99.854	-.05458	.02900	.18863	.00050	-.00171	.00041	-.00182	.00911	-.09600	-.00725
49.744	-.203	-.05767	.03090	.18585	.00085	-.00226	.00044	-.00281	.01192	-.09359	-.00530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 489/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	-.254	-.04209	.02802	.18804	.00043	-.00214	.00044	.00099	.00922	-.09508	-.00378
99.720	100.060	-.04040	.02468	.18998	-.00009	-.00132	.00032	-.01516	.00972	-.07942	-.00719
99.655	199.840	-.04098	.02142	.19353	.00189	-.00141	.00031	-.02057	.00974	-.07553	-.01519
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 490/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.970	199.840	-.01750	.01197	.19192	-.00039	-.00106	.00002	.01563	.01017	-.10863	-.01734
199.770	99.890	-.02226	.01695	.19384	.00102	-.00152	.00038	-.00521	.01123	-.08975	-.00243
200.190	-.261	-.01961	.02152	.19433	.00195	-.00144	.00059	.00055	.00857	-.10532	.00964
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT022) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	.000
Y =	50.000	JET PC =	.000
MACH =	4.500		

RUN NO. 491/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.443	-.202	-.06158	.02760	.18627	.00075	-.00222	.00055	-.07940	.02050	-.01566	-.04572
-.022	99.890	-.05505	.02561	.18961	-.00124	-.00067	.00023	-.02031	.01099	-.07764	-.05219
-.035	199.830	-.04825	.02259	.19285	-.00201	-.00048	-.00005	-.01289	.00911	-.08728	-.04761
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 492/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.900	199.790	-.03823	.01972	.19175	.00003	-.00109	.00032	-.00112	.00845	-.09632	-.05626
49.674	99.843	-.04575	.02369	.19104	-.00048	-.00062	.00028	-.00710	.00934	-.08848	-.04918
49.874	-.222	-.04741	.02682	.18770	.00053	-.00138	.00042	-.00104	.00783	-.09438	-.03171
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 493/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.982	-.188	-.04098	.02546	.19059	.00045	-.00120	.00042	-.00470	.00882	-.09312	-.02826
99.693	99.871	-.03416	.02053	.19186	.00065	-.00162	.00039	-.01257	.01054	-.08161	-.04765
99.554	199.930	-.03796	.01847	.19472	-.00062	-.00053	.00029	-.00176	.00764	-.09311	-.04914
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 494/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.130	199.900	-.01108	.00663	.19299	.00490	-.00247	.00044	-.00175	-.01568	-.09297	-.03018
199.980	99.919	-.01253	.01102	.19434	.00062	-.00114	.00023	-.01158	.01020	-.09014	-.03633
199.710	-.220	-.01677	.01580	.19480	.00521	-.00294	.00087	.00858	-.00472	-.11242	.05110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT023) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 495/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.379	-.190	-.05405	.02499	.18936	-.00063	-.00154	.00049	-.07776	-.02078	-.01224	.03575
.150	99.832	-.04226	.02084	.19176	.00030	-.00106	.00050	-.00078	.01312	-.09449	-.01557
-.288	199.870	-.04160	.01939	.19445	-.00018	-.00144	.00057	-.01103	.03315	-.08653	-.04984
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 496/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.794	199.820	-.03661	.01809	.19445	.00165	-.00168	.00063	-.00836	.03326	-.08694	-.05356
49.812	99.921	-.03997	.02100	.19443	-.00097	-.00098	.00027	-.00563	.01283	-.08983	-.02078
49.639	-.166	-.04575	.02350	.19067	.00071	-.00080	.00041	-.00966	.01024	-.08204	-.00486
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 497/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.060	-.192	-.03478	.02038	.19357	.00136	-.00156	.00044	-.00516	.01329	-.09095	-.01008
99.761	99.963	-.02900	.01699	.19485	.00211	-.00147	.00052	-.00500	.00643	-.09065	-.00403
99.637	199.750	-.02912	.01395	.19553	.00023	-.00138	.00033	-.01111	.01154	-.08321	-.02733
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 498/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.210	199.890	-.00025	-.00167	.19193	-.00022	-.00144	.00041	-.00612	.00987	-.09457	-.02205
199.730	99.852	-.00544	.00373	.19331	.00142	-.00164	.00037	-.00417	.00609	-.09773	-.01168
199.710	-.106	-.01497	.01021	.19341	.00231	-.00135	.00056	-.00549	.00694	-.10211	-.01051
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT024) (12 OCT 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	.000	BETAB	=	-2.000
Y	=	.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 499/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.434	-4.163	-.06545	.02784	.18313	.00191	-.00214	.00088	-.08289	-.01027	-.01335	-1.99660
.002	95.889	-.05878	.02667	.18650	-.00269	-.00068	.00046	.00125	.00865	-.10078	-2.01840
.058	195.770	-.05371	.02553	.18927	.00148	-.00121	.00077	-.00488	.00713	-.09778	-2.02110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 500/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.895	195.760	-.04747	.02457	.19002	.00348	-.00179	.00077	.00076	.01278	-.09910	-2.02830
49.561	95.898	-.05537	.02857	.18898	.00238	-.00177	.00082	-.00953	.01396	-.08642	-2.02580
49.586	-4.202	-.06210	.03143	.18627	.00332	-.00252	.00084	-.01227	.01290	-.08157	-2.02540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 501/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	-4.177	-.04794	.02889	.18932	.00322	-.00235	.00087	-.00152	.01059	-.09128	-2.02240
99.687	95.799	-.04685	.02528	.19153	.00333	-.00204	.00091	-.01727	.00782	-.07617	-2.02580
99.806	195.670	-.04071	.02108	.19266	.00265	-.00153	.00084	-.00886	.01048	-.08610	-2.02610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 502/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.920	195.810	-.02003	.01237	.19200	.00313	-.00145	.00064	-.00333	.00924	-.08927	-2.02500
199.890	95.856	-.01869	.01615	.19243	.00166	-.00180	.00063	.00015	.00991	-.09414	-2.02690
200.010	-4.173	-.02251	.02215	.19392	.00290	-.00199	.00070	.00093	.00874	-.10438	-2.00720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT025) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 503/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.055	-4.143	-.05283	.02215	.16824	-.00831	.00099	.00008	-.00706	-.00451	-.08742	-2.03220
-.207	95.905	-.04964	.01987	.17120	.00359	-.00173	.00083	-.00602	.00728	-.09032	-2.05660
-.050	195.880	-.03982	.01466	.16877	.00206	-.00145	.00070	.00544	.03206	-.10474	-2.08560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 504/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.733	195.790	-.03909	.01538	.17460	.00219	-.00176	.00078	-.00455	.01223	-.09119	-2.06570
49.767	95.846	-.04067	.01872	.17536	.00093	-.00099	.00071	-.00456	.00859	-.08914	-2.06100
49.715	-4.278	-.04969	.02360	.17598	.00263	-.00214	.00095	-.00504	.01154	-.08931	-2.05030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 505/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.904	-4.238	-.04481	.02695	.19257	.00200	-.00119	.00079	-.00284	.00673	-.09276	-2.04030
99.718	95.961	-.03953	.02232	.19294	.00453	-.00209	.00094	-.00926	.01141	-.08358	-2.06440
99.762	195.770	-.03325	.01775	.19256	.00327	-.00180	.00090	-.01078	.00938	-.08248	-2.06640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 506/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.920	195.770	-.01350	.00685	.19241	-.00291	.00010	-.00009	.00319	.03115	-.09708	-2.08670
200.000	95.830	-.01243	.01062	.19342	.00393	-.00197	.00077	.00177	.01379	-.10276	-2.05740
199.660	-4.204	-.02003	.01586	.19447	.00444	-.00220	.00085	-.00853	.00719	-.09565	-2.04340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT026) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 507/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.294	-4.153	-.04965	.01942	.17121	.00458	-.00222	.00087	-.09433	-.01074	.00623	-2.04940
.220	95.912	-.03667	.01481	.16978	-.00119	-.00071	.00046	.01846	.01255	-.11213	-2.08910
-.282	195.780	-.03855	.01490	.17459	.00078	-.00120	.00078	-.00977	.00759	-.08605	-2.09250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 508/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.892	195.890	-.03117	.01316	.17438	.00044	-.00075	.00061	-.00344	.00861	-.09015	-2.10360
49.726	95.830	-.03599	.01663	.17657	.00040	-.00096	.00050	-.00733	.01079	-.08599	-2.08840
49.716	-4.274	-.04013	.01961	.17710	.00321	-.00125	.00068	.00388	.00360	-.09397	-2.07420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 509/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.936	-4.237	-.03449	.01841	.18480	.00184	-.00119	.00045	-.00521	.02381	-.09073	-2.09790
99.692	95.903	-.03436	.01841	.19540	.00339	-.00160	.00068	-.01787	.01078	-.07694	-2.09260
99.773	195.750	-.02853	.01447	.19477	.00222	-.00199	.00074	-.00922	.01399	-.08286	-2.10800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 510/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.070	195.840	-.00369	-.00073	.19159	.00109	-.00151	.00049	-.01019	.00889	-.08883	-2.09340
199.840	95.882	-.00633	.00405	.19233	.00112	-.00124	.00039	.00283	.00721	-.10404	-2.08430
199.740	-4.175	-.01846	.01150	.19291	.00077	-.00069	.00049	-.02022	.01289	-.08735	-2.08780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT027) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 620/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.201	-2.559	.01431	-.02312	.19396	-.00533	.00137	-.00150	-.01808	.00573	-4.09980	4.01650
-.243	97.536	-.00693	-.00508	.19424	-.01419	.00413	-.00220	-.00979	.03283	-4.10980	4.00750
-.341	197.430	-.02083	.00449	.19602	-.00786	.00164	-.00161	-.00487	.00615	-4.11830	4.03280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 621/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.905	197.500	-.01835	.00553	.19584	-.01382	.00327	-.00211	-.00209	.02874	-4.12320	4.01240
49.680	97.333	-.02121	.00791	.19548	-.00556	.00106	-.00153	-.00366	-.00353	-4.11750	4.04030
49.759	-2.688	-.01859	.00681	.19312	-.01343	.00369	-.00222	-.00668	.02469	-4.11010	3.99970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 622/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.759	-2.581	-.01573	.00446	.19312	-.00391	.00063	-.00146	-.00658	-.00308	-4.10920	4.02120
99.906	97.385	-.01159	.00249	.19460	-.00598	.00086	-.00162	-.00340	.01023	-4.11810	4.02420
99.866	197.490	-.00992	.00073	.19416	-.00815	.00196	-.00166	.00066	.00824	-4.12640	4.02290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 623/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.850	197.440	-.00523	-.00366	.18719	-.00778	.00109	-.00159	.00614	.01294	-4.13240	4.01660
199.600	97.410	-.01057	-.00065	.18801	-.00628	.00095	-.00137	.01070	.00924	-4.13300	4.00930
199.730	-2.619	-.00990	-.00000	.18850	-.00813	.00122	-.00162	-.00235	.01320	-4.11840	3.99740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT028) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 624/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.077	.545	-.00732	-.00900	.16845	-.00531	.00089	-.00114	-.09242	-.01249	-4.03040	2.03480
-.343	100.330	-.02114	.00085	.19115	-.00798	.00153	-.00169	-.01519	.01845	-4.10900	1.98860
-.158	200.270	-.02866	.00898	.19406	-.00638	.00101	-.00149	-.01707	.00671	-4.10860	1.98470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 625/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.840	200.310	-.02833	.01111	.19308	-.00700	.00125	-.00119	-.01671	.01182	-4.10710	1.97780
49.893	100.420	-.03352	.01608	.19145	-.00751	.00132	-.00177	-.00123	.01124	-4.12340	1.99530
49.716	.280	-.02803	.01015	.18737	-.00858	.00211	-.00155	-.00519	.01239	-4.11900	2.00490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 626/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.973	.358	-.03020	.01677	.19065	-.00739	.00156	-.00148	.01225	.01137	-4.14020	2.00350
99.727	100.280	-.02696	.01443	.19263	-.00680	.00096	-.00154	-.00696	.00987	-4.11910	1.99580
99.585	200.310	-.02532	.01166	.19403	-.00733	.00081	-.00153	-.01006	.01214	-4.11310	1.97890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 627/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.260	200.300	.00049	-.00194	.19276	-.00749	.00129	-.00175	-.00219	.00779	-4.12560	1.99130
199.880	100.320	-.00141	.00152	.19375	-.00614	.00104	-.00153	-.01016	.01060	-4.12120	1.99380
199.790	.341	-.00534	.00470	.19246	-.00465	.00076	-.00152	-.00536	.00888	-4.12880	1.99980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT029) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 628/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.101	.391	.00421	-.01653	.19126	.00191	-.00060	-.00097	.00092	-.00660	-4.12120	2.01300
-.351	100.400	-.01681	.00005	.19421	-.00598	.00111	-.00130	-.00480	.01425	-4.11820	1.99130
-.363	200.380	-.02927	.00799	.19731	-.01042	.00248	-.00172	-.04055	.04888	-4.08430	1.94200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 629/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.378	200.410	-.01310	.00804	.19262	-.00587	.00146	-.00143	-.00113	.04938	-4.12490	1.93680
49.443	100.280	-.02667	.01206	.19454	-.00701	.00107	-.00136	.01737	.01821	-4.14290	1.98560
49.759	.328	-.02594	.01131	.18955	-.00497	.00138	-.00135	.01213	.00594	-4.13370	1.99470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 630/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.976	.308	-.01779	.00798	.18823	-.00513	.00146	-.00141	.00639	.00859	-4.12970	1.98780
99.691	100.330	-.02148	.00931	.19575	-.00467	.00074	-.00148	-.02159	.00898	-4.10510	1.99220
99.759	200.390	-.01494	.00631	.19519	-.00122	-.00051	-.00105	.01701	.00186	-4.14230	1.99380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 631/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.980	200.320	.00448	-.00732	.18974	-.00767	.00124	-.00131	-.00937	.01364	-4.11780	1.98000
199.780	100.390	-.00127	-.00326	.19153	-.00623	.00096	-.00152	-.03113	.00962	-4.09850	1.98240
199.590	.410	-.00640	.00006	.19076	-.00592	.00127	-.00151	-.00952	.00809	-4.11600	1.97530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT030) (12 OCT 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	.000
Y =	.000	JET PC =	.000
MACH =	4.500		

RUN NO. 632/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.348	.177	-.02517	-.00271	.18858	-.00474	-.00024	-.00133	-.09980	-.01743	-4.02600	.00309
-.092	99.803	-.02267	-.00324	.18897	-.00519	-.00006	-.00103	-.00443	.00818	-4.12200	-.02802
-.223	199.790	-.03711	.00874	.19138	-.00629	.00058	-.00122	-.00105	.00773	-4.12840	-.02924
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 633/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.797	199.810	-.04061	.01699	.19102	-.00501	-.00017	-.00135	-.00766	.00773	-4.11870	-.03756
49.593	99.864	-.04840	.02011	.18946	-.00199	-.00076	-.00083	-.03412	.01314	-4.08970	-.03917
49.754	-.279	-.04172	.01376	.18822	-.00547	-.00097	-.00122	-.00508	.02371	-4.11730	-.04301
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 634/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.974	-.231	-.04778	.02730	.18853	-.00582	-.00080	-.00127	.01470	.00857	-4.13520	-.03455
99.708	99.862	-.04086	.02219	.18999	-.00523	-.00002	-.00139	-.00539	.00608	-4.11430	-.03739
99.728	199.870	-.03750	.01903	.19136	-.00529	.00028	-.00154	-.01039	.00734	-4.11150	-.03514
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 635/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.920	199.820	-.01466	.01033	.19001	-.00748	.00094	-.00172	.01235	.01166	-4.12730	-.04798
199.810	99.904	-.01782	.01419	.19099	-.00480	-.00012	-.00121	-.01148	.00742	-4.10650	-.03223
200.300	-.202	-.01392	.01730	.19072	-.00495	.00022	-.00150	-.01596	.01164	-4.11290	-.02187
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT031) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 636/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.333	.147	-.02626	.00012	.18937	-.00627	-.00007	-.00114	-.09683	-.01560	-4.02790	-.00189
-.234	99.841	-.03643	.00829	.19047	-.00880	.00121	-.00165	-.00314	.01053	-4.12110	-.04273
-.029	199.760	-.03724	.01377	.19337	-.00859	.00142	-.00195	-.00310	.01429	-4.12150	-.05492
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 637/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
43.771	199.740	-.03483	.01421	.19244	-.00684	.00077	-.00140	-.02320	.00771	-4.09930	-.05104
49.741	99.884	-.03974	.01947	.18992	-.00715	.00102	-.00144	.01102	.01150	-4.13270	-.05338
49.708	-.168	-.03982	.01634	.18642	-.00986	.00152	-.00134	-.01286	.01346	-4.10980	-.03683
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 638/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.938	-.161	-.03754	.02198	.18771	-.00818	.00137	-.00160	.00711	.00566	-4.13060	-.02442
99.389	99.825	-.03803	.01871	.19217	-.00553	.00027	-.00130	-.01512	.01314	-4.10480	-.04802
99.829	199.800	-.03125	.01555	.19151	-.00648	.00048	-.00131	-.00086	.01259	-4.11820	-.05647
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 639/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.000	199.880	-.00949	.00579	.19157	-.00568	.00054	-.00180	-.00061	.00773	-4.11840	-.04620
199.990	99.832	-.01250	.00980	.19295	-.00522	.00029	-.00155	-.00057	.00853	-4.12600	-.03107
200.010	-.071	-.01328	.01275	.18897	-.00499	.00076	-.00138	.00405	.00905	-4.13540	-.02678
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT032) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 640/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.073	.142	-.00672	-.01500	.15982	-.00568	.00032	-.00152	-.09238	-.01739	-4.03010	.03420
-.347	99.903	-.02705	.00051	.15988	-.00533	.00040	-.00168	-.00764	.01366	-4.11630	-.01368
-.129	199.770	-.02520	.00268	.16224	-.00851	.00142	-.00160	-.00321	.01577	-4.11970	-.03586
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 641/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.784	199.880	-.02787	.00885	.17316	-.00662	.00064	-.00113	-.00041	.00761	-4.12250	-.02613
49.898	99.826	-.02960	.00952	.16161	-.00722	.00120	-.00143	.00213	.00856	-4.12640	-.01639
49.646	-.167	-.03570	.01154	.15389	-.00362	.00091	-.00113	-.02450	.00599	-4.09890	.00521
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 642/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.943	-.204	-.02544	.00751	.15705	-.00684	.00174	-.00135	-.00701	.01280	-4.11890	-.00148
99.511	99.865	-.02737	.01010	.17306	-.00623	.00098	-.00139	-.00564	.01192	-4.11810	-.01346
99.587	199.900	-.02675	.01312	.19374	-.00722	.00061	-.00146	-.00948	.01045	-4.11170	-.02999
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 643/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.180	199.750	.00073	-.00196	.19143	-.00405	-.00016	-.00125	-.01642	.01329	-4.10770	-.02423
199.880	99.860	-.00414	.00253	.19267	.00037	-.00107	-.00107	-.04194	.01114	-4.08710	-.00505
199.890	-.120	-.00802	.00586	.19168	-.00466	.00102	-.00126	-.00448	.01130	-4.12740	-.00952
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT033) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 644/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.112	-4.234	-.02607	-.00518	.15686	-.00891	.00081	-.00151	-.00611	.00850	-4.11760	-2.04040
-.054	95.825	-.02772	-.00147	.15678	-.00619	.00066	-.00107	.00172	.00540	-4.12640	-2.04050
-.236	195.830	-.03651	.00671	.16334	-.00601	.00070	-.00117	-.01529	.00993	-4.11160	-2.04190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 645/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.780	195.810	-.03702	.00865	.16026	-.00640	.00096	-.00133	-.00364	.01092	-4.12000	-2.04540
49.683	95.886	-.04578	.01480	.15822	-.00668	.00063	-.00109	-.00272	.00990	-4.11920	-2.04370
49.671	-4.195	-.04495	.01111	.15737	.00023	-.00237	-.00018	-.03785	.01862	-4.08210	-2.04910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 646/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.773	-4.068	-.05078	.02716	.18773	-.00786	.00071	-.00124	.00317	.01127	-4.12000	-2.04070
99.712	95.879	-.04275	.02257	.18967	-.00338	-.00040	-.00100	-.00822	.00634	-4.10820	-2.04320
99.747	195.890	-.03848	.01902	.19098	-.00318	-.00036	-.00091	-.00630	.00871	-4.11230	-2.04380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 647/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.960	195.730	-.01946	.01183	.19031	-.00387	-.00008	-.00132	.00028	.00950	-4.11380	-2.04660
199.940	95.840	-.02121	.01555	.19059	-.00394	-.00014	-.00112	-.00343	.00984	-4.11390	-2.04250
200.060	-4.226	-.02132	.01922	.19116	-.00320	-.00008	-.00114	-.00900	.00899	-4.11690	-2.02790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT034) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 648/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.381	-3.855	-.02920	-.00271	.16641	-.00547	-.00027	-.00098	-.09553	-.01468	-4.02820	-2.01620
-.103	95.887	-.03715	.00556	.15729	-.00566	.00083	-.00128	.00472	.00842	-4.12740	-2.05730
-.080	195.790	-.03239	.00633	.16131	-.00476	.00042	-.00131	-.00546	.00826	-4.11750	-2.05450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 649/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.762	195.800	-.03226	.00770	.16494	-.00563	.00081	-.00112	-.00324	.00785	-4.11730	-2.05980
49.697	95.873	-.04250	.01407	.16182	-.00542	.00094	-.00107	-.00566	.00764	-4.11520	-2.06010
49.832	-4.253	-.04423	.01672	.16151	-.00685	.00100	-.00120	-.00368	.01426	-4.11820	-2.05030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 650/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.947	-4.128	-.03419	.01540	.16859	-.00547	.00036	-.00105	.00013	.01257	-4.12160	-2.04600
99.513	95.820	-.03265	.01286	.17103	-.00523	.00033	-.00092	-.00916	.01019	-4.10850	-2.04750
99.729	195.900	-.03196	.01395	.18078	-.00361	-.00019	-.00075	-.00324	.01119	-4.11390	-2.06010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 651/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.980	195.880	-.01229	.00604	.19110	-.00564	.00016	-.00143	-.00914	.01317	-4.10730	-2.06360
199.990	95.920	-.01370	.00977	.19256	-.00355	-.00005	-.00099	-.00502	.01056	-4.11900	-2.05120
200.010	-4.283	-.01423	.01154	.18657	-.00341	-.00031	-.00090	-.01079	.00812	-4.11860	-2.03450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT035) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	-2.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 652/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.236	-3.848	-.02304	-.00301	.15932	-.00371	.00057	-.00081	-.08708	-.01903	-4.03380	-1.97500
-.039	95.878	-.03220	.00671	.15983	-.00598	.00086	-.00106	.00065	.01281	-4.12390	-2.01300
-.177	195.870	-.02786	.00600	.16274	-.00454	.00056	-.00094	-.00341	.00914	-4.11810	-2.02620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 653/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.801	195.810	-.02698	.00813	.16558	-.00448	.00001	-.00069	.00449	-.00925	-4.12570	-2.00830
49.700	95.981	-.03225	.01063	.16696	-.00506	.00041	-.00102	-.00559	.01089	-4.11770	-2.01470
49.652	-4.280	-.03971	.01442	.16050	-.00514	.00139	-.00097	-.00501	.00600	-4.11760	-2.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 654/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.954	-4.128	-.02818	.01024	.16666	-.00440	.00057	-.00101	-.00443	.00911	-4.11920	-2.00630
99.616	95.892	-.02752	.01064	.17272	-.00466	.00055	-.00106	-.00641	.01108	-4.11540	-2.01150
99.662	195.880	-.02490	.00841	.17226	-.00526	.00066	-.00114	-.00817	.01085	-4.11150	-2.02460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 655/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.010	195.890	-.00388	-.00125	.19095	-.00468	.00004	-.00107	-.01102	.01056	-4.11020	-2.02350
199.850	95.760	-.00986	.00408	.19223	-.00489	.00074	-.00132	.00508	.00907	-4.13160	-2.01110
199.860	-4.124	-.01428	.00789	.19199	-.00312	.00046	-.00105	-.00465	.00882	-4.12630	-2.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT036) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 753/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	-1.761	.02132	-.02696	.19280	-.00211	.00045	-.00065	-.09994	-.01067	-8.05030	4.01970
100.060	97.520	.01427	-.01940	.19227	-.00041	.00004	-.00070	-.00046	.00895	-8.15660	4.01470
99.816	197.490	-.00683	-.00293	.19470	-.00293	.00069	-.00068	-.00359	.01360	-8.15720	4.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 754/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.900	197.520	.00188	-.00800	.19190	-.00261	.00062	-.00057	-.01156	.01140	-8.14880	4.01210
149.510	97.564	-.00426	-.00520	.19306	-.00140	.00046	-.00082	-.01232	.00940	-8.14340	4.00810
149.730	-2.551	-.00168	-.00603	.19043	-.00190	.00033	-.00081	-.00619	.01489	-8.14170	3.99060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 755/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.850	-2.437	.00143	-.00894	.18757	-.00352	.00111	-.00081	-.01129	.01021	-8.13180	3.99140
199.860	97.560	-.00145	-.00820	.18960	-.00317	.00064	-.00072	-.01137	.01150	-8.13880	4.00020
200.140	197.340	.00521	-.01043	.18728	-.00350	.00064	-.00071	-.00866	.01369	-8.14900	4.00440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT037) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 756/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	.259	.02837	-.03021	.19125	-.00491	.00161	-.00082	-.00397	.01094	-8.15790	2.00040
99.479	100.290	.00961	-.01938	.19009	-.00341	.00093	-.00106	-.01065	.01605	-8.14760	1.98680
99.673	200.280	-.01533	.00194	.19181	-.00392	.00067	-.00075	.00346	.00191	-8.15850	1.98240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT037) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 757/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.890	200.350	-.01031	.00138	.19250	.00025	-.00075	-.00041	-.00676	.00015	-8.14890	1.98300
149.970	100.280	-.01448	.00581	.19018	-.00255	.00035	-.00070	-.00794	.01453	-8.15160	1.98850
149.960	.338	-.00284	-.00267	.18728	-.00213	.00063	-.00038	-.01022	.00931	-8.15210	1.99970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 758/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.070	.140	-.00330	.00232	.19041	-.00153	.00054	-.00073	-.00021	.00910	-8.16420	1.99740
199.710	100.330	-.00029	-.00049	.19177	-.00313	.00067	-.00058	-.01226	.01478	-8.14870	1.98500
199.720	200.190	.00176	-.00383	.19195	-.00549	.00107	-.00126	-.01438	.01527	-8.14280	1.97120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT038) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 759/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	1.032	.01520	-.02422	.18951	-.00201	.00091	-.00058	-.09838	-.01178	-8.05820	2.07440
99.928	100.370	.00466	-.01353	.19290	-.00255	.00068	-.00076	-.00323	.01357	-8.15720	2.04850
99.751	200.320	-.01013	.00120	.19423	-.00350	.00106	-.00071	.00150	.01141	-8.15910	2.04900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 760/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.900	200.280	-.00459	-.00220	.19421	-.00355	.00063	-.00064	-.00221	.01173	-8.15660	2.04770
149.860	100.350	-.00682	.00002	.19378	-.00367	.00101	-.00070	-.00675	.01203	-8.15470	2.04890
149.720	.196	-.00576	-.00191	.18805	-.00158	.00103	-.00062	-.00919	.01065	-8.14640	2.04370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT038) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 761/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	.160	-.00257	-.00361	.19051	-.00302	.00150	-.00109	-.01094	.00872	-8.13990	2.04030
200.130	100.290	.00633	-.00720	.19151	-.00254	.00112	-.00109	-.00887	.01368	-8.14970	2.04240
199.720	200.240	.00573	-.00984	.19136	-.00501	.00114	-.00079	-.01263	.01729	-8.14660	2.03450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT039) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 762/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.927	-.257	.01753	-.02617	.18787	.00004	-.00255	-.00009	-.00722	.01285	-8.14500	-.00071
99.654	99.892	.01401	-.02516	.18750	-.00265	-.00005	-.00061	-.01003	.00938	-8.13980	-.00766
99.718	199.760	-.01433	-.00271	.18776	-.00119	-.00041	-.00034	.00023	.01061	-8.15100	-.01218
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 763/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.800	199.720	-.02129	.00806	.18957	-.00100	-.00068	-.00068	.00266	.00953	-8.15120	-.01166
149.830	99.850	-.01852	.00604	.18732	-.00179	-.00046	-.00018	-.00988	.00977	-8.13840	-.01322
150.120	-.222	-.00845	.00147	.18699	-.00116	-.00131	-.00026	-.00656	.01260	-8.14830	.00150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 764/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.250	-.256	-.01366	.01316	.18686	.00098	-.00177	-.00036	.00662	.00809	-8.16800	.00789
199.290	99.794	-.01668	.00972	.18936	-.00178	-.00045	-.00066	-.01869	.01453	-8.13080	-.01566
199.710	199.790	-.01405	.00782	.18883	-.00222	-.00004	-.00087	-.00854	.00679	-8.13590	-.01441
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT040) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 765/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	.515	.00768	-.02263	.16959	-.00450	.00027	-.00076	-.09743	-.00821	-8.06020	.05012
99.723	99.865	.00662	-.02201	.16237	-.00455	.00116	-.00055	-.00444	.00921	-8.14720	.01455
99.705	199.800	-.01518	-.00252	.17019	-.00250	.00044	-.00051	-.00082	.01573	-8.14810	-.00132
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 766/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.780	199.770	-.02148	.00706	.19074	-.00464	.00078	-.00052	-.00609	.01893	-8.14200	-.00789
149.980	99.952	-.02102	.00960	.18942	-.00307	.00020	-.00054	.00164	.00941	-8.15490	.01463
150.090	-.243	-.01105	.00393	.18639	-.00172	.00045	-.00022	-.00641	.00883	-8.15140	.03200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 767/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.030	-.277	-.01344	.01037	.18844	-.00192	.00009	-.00057	.00205	.01197	-8.16360	.03021
199.790	99.781	-.00534	.00446	.18941	-.00151	-.00068	-.00051	-.01244	.01438	-8.14490	.01344
199.470	199.730	-.01015	.00412	.19041	-.00229	-.00001	-.00069	-.01632	.01165	-8.13230	.00342
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT041) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 768/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.758	99.862	-.00203	-.01287	.16979	-.00205	.00038	-.00083	-.00582	.01303	-8.15090	.00377
99.730	199.720	-.01594	.00016	.17233	-.00397	.00005	-.00048	.00126	.01233	-8.15410	-.01687
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT041) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 769/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.970	199.870	-.01149	.00348	.19279	-.00330	.00010	-.00052	-.00062	.00994	-8.15390	-.00973
149.800	99.892	-.01887	.00483	.18028	-.00206	.00012	-.00056	-.00892	.01219	-8.14990	.00048
150.050	-.185	-.01208	-.00053	.16965	-.00323	.00065	-.00050	-.00537	.01334	-8.15610	.00884
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 770/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.000	-.232	-.00665	.00177	.18629	-.00087	-.00006	-.00060	-.00491	.01255	-8.15620	.00975
199.750	99.852	-.00301	.00044	.19028	-.00348	.00045	-.00085	-.01279	.01266	-8.14640	.01158
199.690	199.710	-.00141	-.00246	.19291	-.00364	.00063	-.00102	-.01430	.01029	-8.14150	-.00627
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT042) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 771/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.763	-3.482	-.00277	-.01350	.18653	-.00270	-.00092	-.00040	-.09893	-.00952	-8.05270	-1.99150
99.689	95.867	-.00477	-.01128	.18488	-.00372	.00056	-.00059	-.00527	.00987	-8.14170	-2.01740
99.722	195.910	-.02839	.00861	.18905	-.00199	.00014	-.00088	-.00068	.00741	-8.14800	-2.01210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 772/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.860	195.830	-.02389	.00943	.18854	-.00194	.00003	-.00059	.01707	.01186	-8.16170	-2.02180
149.650	95.973	-.03634	.01464	.18865	-.00362	-.00001	-.00072	-.01468	.01369	-8.12990	-2.02230
150.320	-4.174	-.01804	.00846	.18451	-.00472	.00023	-.00029	-.00040	.01368	-8.15000	-2.01220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT042) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 773/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	-4.201	-.01779	.01444	.18666	-.00248	-.00035	-.00079	.00409	.00587	-8.16110	-2.00110
199.400	95.820	-.01705	.00998	.18769	-.00361	-.00003	-.00067	-.01532	.01215	-8.13070	-2.01840
199.630	195.900	-.01969	.01002	.18944	-.00334	.00033	-.00081	-.01366	.01305	-8.12800	-2.02460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT043) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 774/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.000	-3.437	-.00219	-.01626	.16211	-.00283	.00002	-.00047	-.09411	-.00790	-8.06260	-2.00100
99.651	95.875	-.00858	-.01208	.16048	-.00271	.00023	-.00076	-.00804	.00916	-8.14320	-2.03470
99.718	195.930	-.02027	.00019	.16562	-.00356	.00042	-.00060	-.00073	.01161	-8.14580	-2.04650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 775/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.850	195.900	-.01927	.00257	.17053	-.00409	.00045	-.00057	.01087	.01028	-8.15770	-2.03710
149.920	96.003	-.02328	.00584	.17062	-.00099	-.00062	-.00028	-.00756	.01112	-8.14470	-2.03010
150.160	-4.085	-.01853	.00504	.16341	-.00285	.00018	-.00045	-.00332	.00961	-8.15370	-2.01810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 776/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

200.210	-4.218	-.00885	.00357	.16512	-.00659	.00144	-.00095	.00089	-.01018	-8.16010	-1.99340
199.480	95.894	-.01227	.00646	.18770	-.00246	.00035	-.00057	-.01389	.01024	-8.14090	-2.02920
199.480	195.830	-.01503	.00656	.19152	-.00262	-.00012	-.00086	-.01173	.01443	-8.13520	-2.04070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT044) (12 OCT 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-8.000	BETAB =	-2.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 777/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.110	-3.372	-.00529	-.01199	.16452	-.00362	.00046	-.00094	-.09337	-.00802	-8.06660	-1.97720
99.741	95.918	-.00871	-.00799	.16530	-.00244	.00037	-.00071	-.00326	.00934	-8.15390	-2.00020
99.555	195.900	-.02198	.00281	.17105	-.00271	-.00031	-.00031	-.00432	.01358	-8.14760	-2.01990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 778/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.990	195.910	-.01395	.00023	.17406	-.00376	.00031	-.00071	-.00723	.01436	-8.14680	-2.01950
149.920	95.961	-.01733	.00310	.17432	-.00306	.00035	-.00071	-.00643	.01131	-8.15180	-2.00150
149.990	-4.078	-.01495	.00143	.16799	-.00209	.00041	-.00052	-.00810	.00911	-8.15370	-1.99670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 779/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.040	-4.164	-.00607	-.00185	.17126	-.00093	.000'1	-.00045	-.00584	.01060	-8.15350	-2.00530
199.760	95.893	-.00720	-.00224	.17636	-.00394	.00069	-.00084	-.01291	.01292	-8.14600	-2.00820
199.640	195.980	-.00389	-.00623	.17643	-.00345	.00066	-.00077	-.01363	.01126	-8.14090	-2.00860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT045) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	.000	BETA =	10.000
ALPHAB =	.000	BETAB =	14.000
Y =	200.000	JET PC =	.000
MACH =	4.500		

RUN NO. 2067/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.022	-2.567	-.03149	.00931	.19376	-.30015	.07804	-.03698	-.00821	10.01900	-.08044	4.05180
.017	97.222	-.02760	.00700	.19286	-.30763	.08204	-.03672	-.00754	10.01600	-.08307	4.04440
.033	197.230	-.02717	.00620	.19316	-.31154	.08433	-.03574	-.00838	10.00300	-.08462	4.03300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT045) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2013/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.042	-2.507	-.02472	.00920	.20444	-.29776	.07908	-.03664	-.00535	10.01700	-.08441	4.08310
49.896	97.362	-.02542	.00858	.20886	-.29993	.08038	-.03621	-.01025	10.01800	-.08130	4.07060
50.055	197.360	-.02423	.00771	.20763	-.31053	.08554	-.03611	-.00928	10.01700	-.08371	4.04660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2014/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.971	197.330	-.01943	.00505	.20683	-.31047	.08479	-.03640	-.00943	10.02000	-.08109	4.04830
99.965	97.401	-.01852	.00520	.20742	-.30035	.08009	-.03598	-.00623	10.01700	-.08434	4.07230
99.865	-2.526	-.02206	.00687	.20588	-.29700	.07841	-.03585	-.00663	10.01900	-.08350	4.07870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2015/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.960	-2.685	-.01464	.00222	.20648	-.30378	.08135	-.03554	-.00809	10.02000	-.08465	4.07170
199.870	97.303	-.01096	-.00086	.20556	-.30524	.08168	-.03619	-.00935	10.02000	-.08414	4.07910
199.860	197.390	-.00936	-.00205	.20254	-.30856	.08470	-.03669	-.00967	10.01700	-.08231	4.06710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT046) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2068/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA							
-.154	.304	-.03891	.01173	.18865	-.28764	.07010	-.03592	-.01007	10.01800	-.08320	2.00750
-.062	100.330	-.04104	.01314	.18812	-.30495	.07707	-.03870	-.00614	10.01700	-.08938	1.97830
.133	200.290	-.03554	.01163	.18946	-.31460	.08219	-.03925	-.00612	10.01500	-.09053	1.97160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT046) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2016/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.011	.378	-.03670	.01585	.19829	-.29932	.07420	-.03790	-.00545	10.01500	-.08788	2.02500
49.879	100.250	-.03974	.01675	.20056	-.30364	.07952	-.03852	-.01475	10.02200	-.07856	2.01610
50.068	200.320	-.03404	.01573	.20343	-.31373	.08429	-.03800	-.00500	10.01800	-.08854	2.01270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2017/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.779	200.410	-.03213	.01409	.20770	-.31590	.08671	-.03726	-.01086	10.01500	-.08092	2.01450
99.991	100.310	-.03374	.01574	.20468	-.30630	.08253	-.03763	-.00312	10.01400	-.08808	2.03080
99.965	.334	-.03343	.01525	.20187	-.29228	.07775	-.03782	-.00701	10.01400	-.08679	2.05190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2018/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.130	.303	-.01401	.00441	.20786	-.29680	.08189	-.03683	-.00625	10.01100	-.08934	2.07680
199.690	100.310	-.01098	.00217	.20893	-.30845	.08593	-.03796	-.00444	10.02300	-.08633	2.04420
199.810	200.240	-.00349	-.00412	.20724	-.31397	.08714	-.03994	-.01015	10.01500	-.07638	2.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT047) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2069/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.098	.379	-.03755	.01154	.18985	-.29275	.07679	-.03728	-.01181	10.01600	-.07681	2.03890
.119	100.280	-.03683	.01149	.19115	-.30388	.08094	-.03796	-.00797	10.02000	-.08613	2.00730
.008	200.370	-.03306	.01099	.19634	-.31901	.08578	-.03827	-.00712	10.03200	-.08917	1.97760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT047) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2019/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.885	.347	-.03294	.01135	.19980	-.29053	.07809	-.03715	-.00640	10.01400	-.08327	2.05040
50.169	100.310	-.03035	.01290	.20659	-.30242	.08072	-.03725	-.00541	10.02600	-.08840	2.01250
49.908	200.400	-.03233	.01295	.20790	-.31381	.08482	-.03696	-.00780	10.02200	-.08675	1.99160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	200.320	-.02285	.00815	.20887	-.31073	.08439	-.03695	-.00755	10.01400	-.08389	2.00350
99.931	100.290	-.02563	.01039	.20797	-.30100	.08108	-.03684	-.00754	10.01500	-.08356	2.02650
99.911	.194	-.02487	.00922	.20553	-.29263	.07888	-.03686	-.00762	10.01200	-.08292	2.04460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2021/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.100	.149	-.01576	.00388	.20623	-.29916	.08115	-.03636	-.00667	10.01800	-.08880	2.03700
199.750	100.270	-.01328	.00121	.20539	-.30216	.08185	-.03698	-.00937	10.01900	-.08331	2.03040
199.750	200.360	-.01117	-.00170	.20342	-.30939	.08546	-.03773	-.01093	10.01600	-.07880	2.02180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT048) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2070/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.095	99.740	-.05105	.01779	.18386	-.30015	.07621	-.03710	-.00861	10.01200	-.09139	-.02935
.042	199.690	-.04881	.01816	.18960	-.30717	.08020	-.03743	-.00749	10.00600	-.09311	-.03006
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT048) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2022/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.995	-.056	-.04926	.02325	.19878	-.29427	.07495	-.03667	-.00603	10.01600	-.08852	.02014
49.922	99.691	-.04942	.02272	.20129	-.29961	.07858	-.03748	-.00837	10.01300	-.08845	.00731
50.090	199.780	-.04395	.02023	.20255	-.30509	.08208	-.03741	-.00436	10.00900	-.09322	.01327
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.887	199.740	-.03642	.01636	.20600	-.30886	.08473	-.03810	-.00824	10.00900	-.08650	.01231
99.929	99.812	-.04009	.02005	.20198	-.30556	.08241	-.03769	-.00100	10.01900	-.09181	.00753
99.888	-.226	-.03956	.02137	.20141	-.30055	.07880	-.03818	-.00300	10.02200	-.08711	.01849
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2024/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.110	-.232	-.01925	.01245	.20563	-.30996	.08666	-.03730	-.00416	10.01300	-.08565	.05965
199.670	99.686	-.01554	.00824	.20774	-.31808	.08897	-.03829	-.01345	10.02000	-.07023	.02160
199.830	199.790	-.01105	.00156	.20740	-.31899	.09100	-.04044	-.01866	10.01300	-.06558	.01956
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT049) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2071/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.006	-.094	-.04874	.01563	.18392	-.28555	.06610	-.03414	-.00928	10.01700	-.08837	.00021
-.001	99.755	-.05032	.01822	.18576	-.29724	.07383	-.03682	-.00650	10.01300	-.09216	-.01089
-.021	199.790	-.04519	.01634	.19022	-.30954	.08174	-.03847	-.00593	10.01100	-.09279	-.02145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT049) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2025/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.977	-.051	-.04431	.01763	.18693	-.28795	.07005	-.03607	-.00624	10.01800	-.08855	.02818
49.929	99.601	-.04504	.02032	.19845	-.29851	.07738	-.03815	-.00672	10.00800	-.08925	.02304
49.914	199.810	-.04509	.02020	.20320	-.30804	.08258	-.03813	-.00854	10.01500	-.08758	.01027
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.070	199.880	-.03700	.01781	.20501	-.31149	.08559	-.03727	-.00464	10.01400	-.08991	.01352
99.844	99.811	-.04064	.01948	.20183	-.30844	.08204	-.03806	-.00775	10.02300	-.08522	.01054
100.020	-.229	-.03675	.01879	.19962	-.29696	.07789	-.03830	-.00135	10.01700	-.09028	.03164
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2027/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.140	-.253	-.01672	.00902	.20677	-.30461	.08433	-.03718	-.00462	10.01300	-.08749	.06418
199.620	99.788	-.01902	.00784	.20798	-.31556	.08810	-.03805	-.01367	10.02300	-.07258	.02369
199.900	199.810	-.00974	.00003	.20807	-.31864	.08978	-.04056	-.00894	10.01500	-.07743	.01344
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT050) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2072/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.089	-.166	-.04786	.01680	.19123	-.28787	.07175	-.03707	-.01069	10.01800	-.08256	.07113
.166	99.753	-.04116	.01470	.18957	-.30622	.07886	-.03874	-.00618	10.02100	-.08971	.04062
-.022	199.710	-.04321	.01909	.20519	-.31841	.08582	-.03992	-.01290	10.01100	-.08496	.03763
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT050) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2028/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.943	-.177	-.04538	.01961	.20266	-.29099	.07619	-.03792	-.00925	10.01800	-.08478	.02889
50.109	99.610	-.04072	.01840	.20177	-.30662	.08153	-.03831	-.00403	10.02600	-.09043	-.00210
49.994	200.000	-.04034	.01842	.20448	-.31352	.08462	-.03776	-.00669	10.03000	-.08890	.02416
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2029/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.911	199.770	-.03458	.01535	.20766	-.31418	.08554	-.03708	-.00617	10.00800	-.08597	.01896
99.996	99.694	-.03635	.01684	.20561	-.30780	.08334	-.03773	-.00548	10.01000	-.08664	.02941
99.962	-.114	-.03579	.01640	.20431	-.29442	.07952	-.03787	-.00500	10.01400	-.08740	.04754
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2030/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	-.229	-.01885	.00631	.20638	-.29783	.08285	-.03670	-.00556	10.01700	-.08926	.06201
199.750	99.738	-.01480	.00286	.20667	-.30724	.08514	-.03793	-.00659	10.02500	-.08473	.03560
199.800	199.590	-.00879	-.00242	.20511	-.31403	.08732	-.03964	-.01074	10.01100	-.07687	.02246
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT051) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2073/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.098	-4.159	-.05265	.01777	.18196	-.28659	.06541	-.03386	-.00902	10.01500	-.09011	-2.00180
.044	95.804	-.05376	.02013	.18464	-.29421	.07325	-.03620	-.00717	10.00900	-.09314	-2.00300
-.028	195.820	-.05060	.01971	.19067	-.30600	.08006	-.03737	-.01011	10.01200	-.09096	-2.01050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT051) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2031/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.940	-4.238	-.04964	.01944	.17870	-.28810	.06938	-.03520	-.00985	10.01600	-.08501	-1.97360
49.967	95.760	-.05065	.01954	.18444	-.29754	.07579	-.03648	-.01356	10.01600	-.08270	-1.97790
50.120	195.840	-.04462	.01768	.19114	-.30330	.07983	-.03677	-.00640	10.01400	-.09103	-1.98090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2032/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.911	195.840	-.03881	.01677	.20448	-.30826	.08449	-.03826	-.02027	10.02100	-.07399	-1.98390
100.020	95.745	-.04225	.02104	.20134	-.30454	.08168	-.03766	-.00483	10.02000	-.08775	-1.98090
99.878	-4.217	-.04455	.02319	.20071	-.29988	.07865	-.03803	-.00785	10.01900	-.08332	-1.97460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2033/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.140	-4.191	-.02619	.01628	.20464	-.31138	.08601	-.03735	-.00405	10.01700	-.08318	-1.94860
199.680	95.770	-.02191	.01059	.20632	-.31890	.08949	-.03869	-.01316	10.01800	-.06992	-1.96850
199.900	195.860	-.01458	.00394	.20493	-.31718	.08912	-.04010	-.00710	10.01500	-.07835	-1.96670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT052) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2074/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.010	95.933	-.05415	.02508	.20190	-.30544	.07858	-.03840	-.00457	10.01400	-.09312	-2.01520
-.017	195.830	-.04981	.02229	.20324	-.31017	.08257	-.03937	-.00995	10.01400	-.08818	-2.01720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT052) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2034/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.047	-4.155	-.05010	.02343	.19994	-.29267	.07454	-.03725	-.00522	10.01600	-.09018	-2.01440
49.936	95.831	-.05138	.02307	.19995	-.30455	.07967	-.03881	-.00618	10.02100	-.08979	-1.98630
50.015	195.920	-.04579	.02130	.20184	-.30850	.08254	-.03797	-.00579	10.02400	-.09059	-2.02790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2035/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.974	195.930	-.04012	.01946	.20443	-.31023	.08468	-.03696	-.00470	10.01900	-.08920	-2.01990
99.806	95.696	-.04385	.02136	.20140	-.30899	.08338	-.03799	-.01591	10.02000	-.07678	-2.02010
99.904	-4.267	-.04373	.02131	.20043	-.30158	.07997	-.03867	-.00818	10.01800	-.08381	-2.00090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2036/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	-4.185	-.02364	.01105	.20631	-.30442	.08483	-.03723	-.00921	10.01000	-.08295	-1.97330
199.680	95.751	-.02223	.00910	.20699	-.31441	.08784	-.03808	-.00823	10.02200	-.07797	-2.00970
199.840	195.790	-.01340	.00171	.20733	-.31815	.08929	-.04044	-.01002	10.02000	-.07677	-2.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT053) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2075/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.022	-4.216	-.04652	.01768	.18615	-.28958	.07281	-.03673	-.00505	10.01900	-.08788	-1.98950
.042	95.752	-.04641	.01786	.19026	-.30827	.07934	-.03874	-.00785	10.02600	-.08794	-2.01930
.031	195.900	-.04409	.01915	.19534	-.31726	.08455	-.03907	-.00822	10.01700	-.08933	-2.01950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT053) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2037/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.954	-4.123	-.04626	.02080	.20299	-.29463	.07842	-.03825	-.01253	10.02100	-.08041	-1.97750
50.006	95.780	-.04363	.02024	.20271	-.30769	.08174	-.03836	-.00646	10.02600	-.08837	-2.00090
50.008	195.800	-.04272	.01974	.20506	-.31487	.08521	-.03770	-.00728	10.00900	-.08889	-1.99270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2038/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.963	195.810	-.03354	.01493	.20689	-.31532	.08591	-.03727	-.01007	10.01800	-.08277	-2.00070
99.933	95.784	-.03783	.01745	.20497	-.30715	.08361	-.03768	-.00703	10.01600	-.08519	-1.98770
99.942	-4.277	-.03852	.01741	.20454	-.29636	.08060	-.03797	-.00895	10.01300	-.08310	-1.96320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2039/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.150	-4.268	-.02173	.00795	.20515	-.29987	.08347	-.03669	-.00777	10.01300	-.08834	-1.95190
199.730	95.779	-.01664	.00383	.20572	-.30901	.08594	-.03806	-.00970	10.02400	-.08192	-1.97970
199.690	195.800	-.01089	-.00145	.20388	-.31416	.08673	-.03943	-.01168	10.01800	-.07587	-1.99600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT054) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2076/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.052	-2.541	.01731	-.02832	.20043	-.29382	.07478	-.03735	[illegible]	[illegible]	[illegible]	[illegible]
-.051	97.411	-.00468	-.01178	.20039	-.29963	.07950	-.03667	.00289	10.01300	-4.12460	4.07840
-.131	197.440	-.01804	-.00106	.19539	-.30902	.08469	-.03590	-.00059	10.02100	-4.12160	4.04000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT054) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2077/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.745	197.350	-.01749	.00122	.20468	-.30877	.08474	-.03656	-.00835	10.01200	-4.10930	4.04920
99.950	97.275	-.01720	.00150	.20489	-.30308	.08109	-.03687	-.00737	10.01700	-4.11160	4.07540
99.875	-2.673	-.01860	.00171	.20131	-.29568	.07770	-.03615	-.00760	10.01600	-4.11020	4.07410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2078/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.980	-2.659	-.01083	-.00189	.20205	-.30624	.08231	-.03564	-.00607	10.02000	-4.11310	4.06500
199.920	97.255	-.00853	-.00376	.20265	-.30464	.08226	-.03564	-.01158	10.01400	-4.10910	4.06920
199.880	197.550	-.00612	-.00524	.20062	-.30832	.08467	-.03591	-.00851	10.02700	-4.10840	4.04520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT055) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2079/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.063	.285	.00089	-.02169	.19262	-.27718	.06503	-.03645	-.01016	10.01900	-4.11400	2.01890
-.034	100.180	-.00131	-.01699	.18969	-.29509	.07144	-.03754	-.00708	10.02000	-4.11520	1.99090
-.135	200.330	-.01516	-.00408	.19522	-.31032	.07958	-.03896	-.00142	10.01900	-4.12010	1.97830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2080/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.559	200.160	-.02759	.00681	.19251	-.31126	.08309	-.03692	-.00008	10.01000	-4.11060	1.98570
99.937	100.250	-.02851	.00697	.18920	-.30432	.07898	-.03780	-.01043	10.02500	-4.10190	1.98040
100.030	.223	-.03037	.00696	.18987	-.28879	.07346	-.03741	-.00966	10.01300	-4.11000	2.02660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT055) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2081/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	.196	-.00586	-.00156	.20317	-.29728	.08134	-.03712	-.00570	10.00900	-4.11420	2.04060
199.660	100.210	-.00754	-.00127	.20553	-.30784	.08479	-.03769	.00322	10.01800	-4.11790	2.00980
199.730	200.150	-.00707	-.00256	.20674	-.31782	.08912	-.03850	-.01220	10.00400	-4.09680	2.00920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT056) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2082/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.028	.199	.01624	-.02990	.18237	-.28447	.07181	-.03818	.00717	10.01200	-4.12640	2.05490
-.255	100.160	-.00933	-.01286	.18649	-.29936	.07709	-.03785	-.00709	10.02100	-4.11490	2.02500
-.094	200.280	-.02163	.00021	.19883	-.31404	.08408	-.03800	.00140	10.01900	-4.12360	2.00620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2083/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.735	200.330	-.02279	.00575	.20699	-.31351	.08565	-.03730	-.00343	10.01400	-4.11190	2.01700
99.957	100.130	-.02424	.00656	.20473	-.30229	.08088	-.03750	-.00722	10.01200	-4.11110	2.03370
99.900	.233	-.02273	.00204	.18842	-.28876	.07514	-.03637	-.00705	10.01800	-4.11110	2.04630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2084/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	.222	-.01243	-.00006	.20309	-.29754	.08132	-.03618	-.00926	10.01600	-4.11190	2.04580
199.790	100.220	-.00982	-.00218	.20335	-.30284	.08272	-.03685	-.00904	10.02100	-4.10960	2.03940
199.790	200.080	-.00524	-.00556	.20166	-.31041	.08556	-.03763	-.01001	10.01000	-4.10410	2.03210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT057) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2085/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.096	-.121	-.01952	-.01158	.18293	-.28091	.06244	-.03506	-.00697	10.02200	-4.11700	-.00052
.115	99.685	-.01328	-.01352	.18378	-.29446	.07134	-.03771	-.00277	10.01400	-4.12170	-.00596
.067	199.740	-.02397	.00045	.19105	-.30120	.07733	-.03697	.01278	10.01200	-4.13720	-.00802
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2086/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.436	199.690	-.03263	.00907	.18870	-.30427	.07990	-.03684	-.00240	10.01300	-4.10610	-.00994
99.848	99.622	-.03888	.01277	.18422	-.30237	.07811	-.03702	-.00722	10.01000	-4.10120	-.00418
99.901	-.241	-.04088	.01455	.18319	-.29812	.07507	-.03590	-.00733	10.01800	-4.10160	.00102
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2087/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.290	-.244	-.01616	.00906	.20125	-.30792	.08398	-.03760	.00077	10.00600	-4.11140	.03537
199.630	99.694	-.01648	.00743	.20384	-.31740	.08768	-.03734	-.01367	10.01800	-4.09140	.00243
199.890	199.610	-.01006	.00016	.20593	-.31935	.08978	-.03903	-.02153	10.00500	-4.08430	.00804
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT058) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2088/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.102	-.115	-.00835	-.01817	.18173	-.27919	.06284	-.03618	-.00307	10.01400	-4.12070	.01213
-.008	99.736	-.01408	-.01114	.17868	-.29106	.06846	-.03569	-.01021	10.01800	-4.11210	-.00186
-.134	199.620	-.02891	.00264	.19367	-.30410	.07932	-.03826	-.01002	10.00100	-4.11260	.01021
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT058) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2089/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.553	199.790	-.03672	.01053	.18851	-.30533	.08093	-.03715	-.00230	10.01800	-4.10770	-.00878
99.911	99.561	-.03696	.01178	.18483	-.30131	.07711	-.03816	-.00689	10.00800	-4.10290	.00545
100.000	-.173	-.03406	.01045	.18345	-.29206	.07215	-.03638	-.00679	10.01500	-4.10630	.01490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2090/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	-.297	-.01433	.00582	.20121	-.30566	.08403	-.03804	-.00095	10.00700	-4.11490	.03908
199.630	99.559	-.01694	.00594	.20447	-.31494	.08697	-.03742	-.01290	10.01700	-4.09550	.01113
199.920	199.950	-.00931	.00074	.20545	-.31984	.09018	-.03869	-.01068	10.01800	-4.09640	-.00221
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT059) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2091/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.121	-.060	-.00116	-.02063	.17707	-.28221	.06699	-.03608	-.00881	10.02000	-4.11420	.02537
-.217	99.735	-.01957	-.00477	.18928	-.29924	.07391	-.03839	-.00504	10.02200	-4.11550	-.00209
-.050	199.850	-.02250	.00212	.19216	-.31221	.08186	-.03944	.00273	10.01600	-4.12300	-.00679
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2092/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.434	199.800	-.03341	.00882	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.939	99.699	-.03462	.01013	.18592	-.30311	.07868	-.03737	-.00821	10.01100	-4.10420	.01053
99.942	-.171	-.03193	.00692	.18242	-.29022	.07531	-.03769	-.01140	10.01200	-4.10580	.03669
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT059) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2093/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.230	-.152	-.01317	.00177	.20516	-.29924	.08259	-.03748	-.00758	10.01100	-4.11250	.04763
199.660	99.703	-.01410	.00142	.20595	-.30973	.08653	-.03788	-.01073	10.01800	-4.10480	.02522
199.790	199.790	-.00876	-.00177	.20564	-.31881	.08951	-.03894	-.00948	10.02100	-4.09970	.00089
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT060) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2094/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.030	-4.058	-.01698	-.01365	.17762	-.28269	.06314	-.03578	-.01832	10.01700	-4.10450	-2.03240
-.041	95.662	-.02133	-.00939	.17939	-.29527	.07278	-.03737	-.00871	10.01000	-4.11450	-2.03180
-.125	195.780	-.03796	.00421	.18871	-.30116	.07676	-.03745	.00564	10.01300	-4.13030	-2.04210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2095/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.717	195.640	-.03430	.00988	.18769	-.30403	.07985	-.03726	.01428	10.00400	-4.12160	-2.02730
99.752	95.757	-.04224	.01417	.18374	-.30320	.07781	-.03708	-.00763	10.02000	-4.09960	-2.03890
99.942	-4.266	-.04087	.01474	.18105	-.29773	.07407	-.03611	-.00465	10.01700	-4.10270	-2.03110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2096/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.260	-4.207	-.02091	.01025	.18821	-.31210	.08191	-.03736	.00119	10.01800	-4.10820	-2.01140
199.450	95.693	-.02452	.01033	.20314	-.32080	.08838	-.03795	-.01934	10.01200	-4.08350	-2.01770
199.970	195.650	-.01378	.00209	.20427	-.32107	.09036	-.03987	-.01360	10.00900	-4.09040	-2.02210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT061) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2097/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.010	-4.219	-.00660	-.01850	.17452	-.28054	.06270	-.03615	-.00594	10.01800	-4.11600	-1.98160
-.220	95.799	-.02906	.00136	.18682	-.29475	.07088	-.03701	.01056	10.01800	-4.13060	-2.00160
-.176	195.870	-.03842	.00973	.19500	-.30578	.07980	-.03891	-.00850	10.01100	-4.11180	-2.00390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2098/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.623	195.630	-.03936	.01596	.20212	-.31252	.08517	-.03851	-.00641	10.00000	-4.10400	-1.99060
99.893	95.714	-.04096	.01650	.19792	-.30975	.08219	-.03975	-.00676	10.01900	-4.10360	-1.99960
99.951	-4.151	-.04330	.01460	.18205	-.29432	.07376	-.03787	-.00861	10.01900	-4.10520	-1.98820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2099/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	-4.263	-.02023	.00769	.20352	-.30686	.08472	-.03838	-.00417	10.01000	-4.11260	-1.95260
199.580	95.721	-.02279	.00829	.20530	-.31698	.08818	-.03805	-.00836	10.02000	-4.10050	-1.98800
199.790	195.790	-.01664	.00375	.20629	-.32153	.09039	-.03879	-.00837	10.01900	-4.09780	-1.99650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT062) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2100/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA							
-.087	-4.175	-.02375	-.00409	.18063	-.28236	.06811	-.03540	-.01545	10.01400	-4.10420	-1.97860
.061	95.632	-.02778	.00257	.18396	-.30074	.07536	-.03900	.00300	10.01900	-4.12240	-2.00480
-.014	195.820	-.03555	.01092	.18944	-.31276	.08251	-.03946	-.00309	10.01400	-4.11560	-2.01130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT062) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2101/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.633	195.690	-.03334	.01044	.19083	-.31314	.08213	-.03706	-.00754	10.00800	-4.10240	-2.00800
99.948	95.713	-.03624	.01153	.18747	-.30395	.07952	-.03752	-.00831	10.01300	-4.10420	-1.99780
100.050	-4.111	-.03545	.01398	.20045	-.29634	.07998	-.03891	-.00843	10.00900	-4.10810	-1.96900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2102/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.140	-4.188	-.01835	.00408	.20553	-.30255	.08413	-.03752	-.01029	10.01600	-4.10980	-1.96600
199.730	95.692	-.01730	.00275	.20589	-.31074	.08744	-.03815	-.00959	10.01800	-4.10570	-1.98930
199.810	195.830	-.00946	-.00169	.20449	-.31998	.08900	-.03895	-.00936	10.02200	-4.09960	-2.01520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT063) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2130/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	-2.513	.04260	-.04304	.20615	-.29819	.07873	-.04152	-.00228	10.01700	-8.14800	4.07850
99.830	97.366	.02311	-.03069	.20687	-.30669	.08413	-.03929	-.01436	10.00800	-8.13620	4.07680
99.798	197.520	-.00627	-.00752	.20762	-.31488	.08819	-.03702	.00318	10.02000	-8.15290	4.04500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2131/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.940	197.510	-.00506	-.00824	.20602	-.31460	.08844	-.03877	-.00385	10.01400	-8.14500	4.05250
150.180	97.479	.00469	-.01387	.20513	-.30646	.08366	-.03707	-.00706	10.01900	-8.14370	4.06820
149.990	-2.424	.01031	-.01826	.20389	-.29889	.07836	-.03567	-.00526	10.02300	-8.14490	4.06880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT063) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2132/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.050	-2.530	.00318	-.01262	.20143	-.30657	.08238	-.03733	-.00842	10.01800	-8.14030	4.06740
199.890	97.494	-.00412	-.00971	.20417	-.31099	.08509	-.03806	-.01773	10.01600	-8.13090	4.07110
199.940	197.500	-.00440	-.00946	.20468	-.31371	.08661	-.03786	-.01342	10.01700	-8.13240	4.05490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT064) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2133/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	.405	.04051	-.04284	.19864	-.29247	.07533	-.04309	-.00587	10.01800	-8.14550	2.01130
99.638	100.300	.02429	-.03308	.19487	-.31038	.08247	-.04046	.00623	10.02300	-8.14740	1.97750
99.721	200.360	-.00853	-.00715	.20061	-.31454	.08407	-.03955	-.00337	10.01900	-8.13450	1.96660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2134/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.950	200.300	-.00938	-.00315	.20453	-.31825	.08779	-.03910	-.00713	10.01200	-8.12620	1.97930
150.100	100.270	-.01046	-.00380	.20106	-.31411	.08609	-.03797	-.01037	10.01200	-8.12850	1.99260
150.230	.352	.00473	-.01533	.19998	-.29903	.07966	-.03962	-.01528	10.01700	-8.12970	2.01540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2135/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.110	.335	.00150	-.00854	.20286	-.30145	.08208	-.03801	-.00497	10.01400	-8.14050	2.02470
199.910	100.300	.00331	-.00956	.20480	-.31239	.08663	-.03853	-.00991	10.01800	-8.13040	1.99770
199.720	200.250	-.00182	-.00713	.20721	-.32356	.09149	-.03953	-.01366	10.02100	-8.11790	1.97540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT065) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2136/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.140	.364	.03153	-.03647	.20666	-.29409	.07865	-.04171	-.00899	10.01500	-8.14140	2.09500
99.841	100.230	.01952	-.02814	.20735	-.30700	.08313	-.04042	.01380	10.02100	-8.16260	2.07130
99.762	200.340	-.00912	-.00458	.20885	-.31664	.08673	-.03809	-.00401	10.02100	-8.13940	2.04510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2137/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.910	200.380	-.00578	-.00644	.20862	-.31858	.08863	-.03897	-.01011	10.01700	-8.13120	2.05410
150.230	100.320	-.00335	-.00815	.20695	-.30670	.08408	-.03746	-.01473	10.01400	-8.13290	2.08090
150.120	.497	.00464	-.01503	.20391	-.29589	.07928	-.03703	-.01466	10.02400	-8.13480	2.08660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2138/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	.311	-.00338	-.00912	.20267	-.30683	.08384	-.03827	-.00440	10.02100	-8.14420	2.08900
199.880	100.300	-.00428	-.00880	.20557	-.31116	.08693	-.03917	-.01239	10.01400	-8.13300	2.08250
199.970	200.410	-.00049	-.01056	.20667	-.31666	.08796	-.03988	-.00953	10.02100	-8.13170	2.05930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT066) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2139/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.160	-.037	.01692	-.02894	.19465	-.30826	.07895	-.04468	-.00683	10.01600	-8.12890	-.01013
99.891	99.722	.01591	-.02884	.19256	-.31695	.08498	-.04294	-.00584	10.01200	-8.12540	-.01563
99.810	199.790	-.01398	-.00548	.19851	-.31952	.08925	-.04072	-.00542	10.01000	-8.12420	-.01851
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT066) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2140/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.990	199.830	-.00935	-.00285	.20113	-.31975	.08907	-.04025	-.00327	10.01600	-8.12150	-.02183
149.950	99.718	-.01757	.00216	.19729	-.32312	.08977	-.04024	-.00967	10.01900	-8.11570	-.01777
150.290	-.068	-.00183	-.00845	.19700	-.31978	.08669	-.04176	-.01419	10.02100	-8.11590	-.00809
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2141/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	-.116	-.00618	-.00002	.20018	-.31834	.08719	-.03988	-.00113	10.01300	-8.13190	.01660
199.770	99.721	-.00656	-.00169	.20048	-.32354	.08855	-.03987	-.01057	10.01800	-8.11480	-.00750
199.960	199.780	-.00215	-.00524	.20512	-.32581	.09273	-.03998	-.01768	10.01000	-8.10630	-.00088
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT067) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2142/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	-.153	.02168	-.03267	.19593	-.29838	.07613	-.04367	.01662	10.01100	-8.15870	.00076
99.763	99.792	.00751	-.02398	.19288	-.31089	.08282	-.04162	-.00299	10.01700	-8.13200	-.02114
99.881	199.830	-.01321	-.00431	.19796	-.31712	.08775	-.04000	.00761	10.01600	-8.14100	-.02681
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. [illegible]

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.880	199.770	-.01388	-.00074	.20099	-.31829	.08869	-.03999	.00286	10.01700	-8.13090	-.02198
150.050	99.770	-.01809	.00169	.19536	-.31592	.08516	-.03969	-.00122	10.01900	-8.12890	-.01660
150.300	-.117	-.00197	-.01081	.19576	-.30376	.07944	-.03984	.01111	10.01500	-8.14980	.00537
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT067) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2144/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.190	-.192	-.00725	-.00178	.19758	-.30917	.08347	-.03961	.00162	10.01300	-8.14270	.01971
199.690	99.697	-.00617	-.00274	.20111	-.31828	.08723	-.03923	-.01233	10.02000	-8.11860	-.01137
199.740	199.840	-.00871	-.00207	.20499	-.32385	.09083	-.03889	-.02110	10.01400	-8.10620	-.01159
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT068) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2145/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.110	-.057	.02593	-.03493	.19885	-.29442	.07655	-.04216	-.01053	10.01900	-8.13810	.03593
99.583	99.750	-.00052	-.01796	.19836	-.31126	.08351	-.04107	-.01869	10.02100	-8.12300	.00310
99.901	199.750	-.01773	.00005	.20315	-.31833	.08587	-.03906	.00069	10.01500	-8.13780	-.00076
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2146/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.890	199.850	-.01505	-.00059	.20645	-.31832	.08827	-.03941	-.01705	10.01100	-8.11620	.00537
150.180	99.925	-.01535	-.00014	.20251	-.31198	.08580	-.03853	.01316	10.01900	-8.15270	.01201
150.130	-.181	-.01085	-.00505	.19748	-.29798	.08059	-.03969	-.02947	10.00900	-8.11610	.04656
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2147/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.210	-.192	-.00646	-.00509	.20113	-.30419	.08423	-.03925	-.01042	10.01400	-8.13620	.05074
199.760	99.793	-.00673	-.00566	.20474	-.31577	.08788	-.03937	-.02882	10.02300	-8.11180	.01471
199.700	199.780	-.00948	-.00433	.20740	-.32376	.09170	-.04004	-.01202	10.02100	-8.12040	.00137
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT069) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2148/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.100	-3.957	.01652	-.03051	.18966	-.31110	.07979	-.04436	-.01334	10.01600	-8.12030	-2.00580
99.826	95.822	.00721	-.02541	.18787	-.31286	.08266	-.04220	.00210	10.01300	-8.13310	-2.01400
99.861	195.880	-.01850	-.00393	.19458	-.31554	.08605	-.04061	.00484	10.01300	-8.13530	-2.01240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2149/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.820	195.960	-.01722	-.00019	.20117	-.31814	.08700	-.04076	-.00383	10.01300	-8.11930	-2.01250
149.930	95.883	-.02428	.00420	.19338	-.32073	.08809	-.03964	.00997	10.01600	-8.13310	-2.00460
150.300	-3.882	-.00690	-.00923	.18159	-.31639	.08207	-.04030	-.01824	10.03100	-8.10900	-2.01430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2150/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.230	-4.067	-.01167	.00094	.18870	-.31489	.08324	-.03963	.00143	10.01300	-8.13110	-1.98160
199.660	95.888	-.01195	-.00114	.19157	-.31882	.08529	-.03940	-.00985	10.01900	-8.11290	-2.00040
199.970	195.880	-.00710	-.00407	.20374	-.32339	.09046	-.04057	-.01435	10.01100	-8.10860	-1.99480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT070) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2151/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.030	-3.942	.01672	-.03245	.17978	-.29683	.07332	-.04108	.00054	10.01500	-8.14220	-1.99650
99.639	95.926	-.00693	-.01431	.19372	-.31221	.08249	-.04168	-.00498	10.01600	-8.13080	-2.01070
99.907	195.980	-.02533	.00331	.19811	-.31499	.08542	-.03992	-.00007	10.01300	-8.13370	-2.00990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT070) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2152/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.910	195.860	-.02169	.00327	.20285	-.32151	.08989	-.04049	-.00523	10.01400	-8.12320	-2.01660
150.030	95.982	-.02674	.00594	.19786	-.31914	.08666	-.04025	-.00851	10.02200	-8.12230	-2.01380
150.220	-4.063	-.02037	.00127	.19775	-.30523	.08042	-.04002	-.01118	10.01600	-8.12810	-1.99010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2153/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.210	-4.007	-.01542	.00209	.19795	-.30995	.08420	-.04058	-.00391	10.01300	-8.13720	-1.97680
199.690	95.885	-.01532	.00159	.20114	-.31780	.08702	-.04009	-.01384	10.01700	-8.11690	-2.00970
199.860	195.940	-.01524	.00077	.20557	-.32287	.09048	-.03916	-.01660	10.01500	-8.11030	-2.00580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT071) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2154/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	-4.029	-.00360	-.01452	.18499	-.29913	.07987	-.04168	-.00676	10.01900	-8.13980	-1.91920
99.853	95.858	-.00375	-.01471	.18437	-.31359	.08413	-.04168	-.00803	10.02200	-8.13210	-1.95080
99.651	195.790	-.02536	.00296	.19419	-.32364	.08721	-.03988	-.01478	10.02000	-8.12060	-1.96210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2155/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.950	195.960	-.01819	.00239	.20664	-.32363	.09033	-.04040	-.00944	10.01100	-8.12420	-1.94640
150.040	95.895	-.02438	.00488	.20476	-.31535	.08724	-.04022	-.01100	10.01200	-8.12910	-1.93170
150.310	-4.016	-.01170	-.00405	.19002	-.30245	.08304	-.04028	-.01682	10.01400	-8.12850	-1.91230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT071) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2156/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.010	-4.016	-.01458	-.00186	.20257	-.30730	.08537	-.03975	-.01398	10.01800	-8.13330	-1.91370
199.780	95.952	-.01338	-.00168	.20673	-.31732	.08966	-.04013	-.00099	10.01900	-8.13980	-1.93270
199.780	196.000	-.01147	-.00300	.20726	-.32532	.09182	-.04029	-.00868	10.02200	-8.12450	-1.95030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT072) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2184/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.343	-2.091	.19515	-.04792	.13152	-.00205	.00035	-.00070	10.04300	.02020	-.05934	4.00580
.149	97.168	.19333	-.04836	.13479	-.00297	.00052	-.00052	9.98940	.01918	-.00770	4.01850
.253	197.180	.19015	-.04420	.13692	-.00300	.00000	-.00016	9.99520	.02264	-.01441	4.01190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2185/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.520	197.180	.20390	-.04673	.16113	-.00267	.00101	-.00050	9.99660	.02005	-.02273	4.01950
100.280	97.148	.20538	-.04841	.15623	-.00338	.00160	-.00031	9.99500	.01924	-.02374	4.01250
100.190	-2.914	.20496	-.04825	.15413	-.00224	.00144	-.00030	9.99380	.01782	-.01963	3.99810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2186/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.480	-2.885	.21275	-.05283	.15999	-.00191	-.00129	-.00004	9.99070	.02536	-.02618	3.98010
200.110	97.130	.21104	-.05240	.15918	-.00163	-.00076	-.00008	9.99110	.01540	-.02487	3.99400
200.410	197.060	.21297	-.05311	.15919	-.00222	-.00005	-.00072	9.99300	.01852	-.03281	4.00220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT073) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2187/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.318	.752	.18363	-.03576	.13485	.00184	-.00194	-.00021	10.04900	.02224	-.06250	2.02680
.259	99.982	.18442	-.04094	.13386	-.00262	.00111	-.00107	9.98460	.01866	-.00655	2.01490
.391	200.030	.18461	-.04014	.13204	-.00441	.00078	-.00140	9.99460	.02069	-.02250	1.99850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2188/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.520	200.030	.20347	-.04345	.14246	-.00500	-.00004	-.00034	10.00300	.02450	-.02981	2.00790
100.340	99.792	.20775	-.04341	.13840	-.00343	-.00097	-.00013	10.00100	.01707	-.02883	2.02490
100.210	-.081	.20904	-.04109	.13717	.00095	-.00072	-.00031	9.99860	.01233	-.02518	2.04350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2189/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.640	-.089	.21399	-.04423	.14875	-.00514	.00265	-.00060	9.98830	.01679	-.03411	2.02110
200.140	99.898	.21427	-.04512	.14564	-.00680	.00298	-.00041	9.99020	.02357	-.03639	2.02230
200.130	199.990	.21848	-.04694	.16196	-.00800	.00239	-.00030	9.98880	.02368	-.03461	2.01670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT074) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2190/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.265	.802	.19406	-.04456	.14253	-.00277	.00111	-.00057	10.04000	.01963	-.05372	2.01350
.151	99.887	.18971	-.04520	.13936	-.00154	-.00020	-.00027	9.98910	.02115	-.00656	2.00720
.360	200.070	.19013	-.04460	.14161	-.00662	.00222	-.00075	9.99400	.02053	-.01938	1.98880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT074) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2191/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.500	199.990	.20564	-.04667	.15525	-.00665	.00205	-.00054	9.99800	.02084	-.02533	2.00820
100.270	99.903	.20786	-.04796	.14160	-.00409	.00095	.00003	9.99590	.02088	-.02213	2.00440
100.180	.000	.20620	-.04781	.14436	-.00447	.00184	-.00011	9.98950	.01756	-.01898	2.00750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2192/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.350	-.117	.21119	-.04885	.16041	-.00252	-.00035	-.00047	9.99120	.02212	-.02711	1.98360
200.410	99.939	.21328	-.04991	.15996	-.00130	.00043	-.00030	9.99330	.01392	-.03520	2.00200
200.110	199.950	.21359	-.05056	.16117	-.00237	.00042	-.00030	9.99100	.02030	-.03357	1.99750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT075) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2193/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.906	.226	.18537	-.03111	.13642	-.00195	.00005	-.00087	10.05800	.02056	-.08333	-.02396
.080	99.449	.17693	-.02979	.13738	-.00252	-.00018	-.00095	9.98400	.02040	-.01507	-.04057
.227	199.550	.17728	-.03120	.13371	-.00398	.00085	-.00074	9.98870	.01947	-.02193	-.03303
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2194/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.240	99.389	.19999	-.03125	.15260	-.00205	-.00087	-.00050	10.00200	.01855	-.03261	-.02238
100.380	-.511	.20110	-.02736	.14422	-.00112	-.00091	-.00101	10.00500	.01789	-.03645	.00025
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT075) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2195/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.840	-.600	.21124	-.02959	.15530	-.00086	-.00119	.00006	9.99730	.02315	-.04893	.00254
199.940	99.470	.20723	-.03312	.14613	-.00326	-.00047	.00022	9.98710	.01982	-.03631	-.01010
199.730	199.500	.20568	-.03637	.15948	-.00457	-.00029	.00034	9.98150	.02193	-.02393	-.01843
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT076) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2196/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.603	.290	.18457	-.03297	.14758	-.00159	-.00117	.00001	10.04700	.02366	-.06808	-.04799
.175	99.388	.18143	-.03308	.14934	-.00005	-.00153	-.00056	9.99120	.01827	-.01866	-.06329
.137	199.570	.17649	-.03081	.15094	-.00117	-.00053	-.00040	9.99250	.01700	-.02579	-.06160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2197/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.450	199.530	.19682	-.03673	.14709	-.00190	-.00092	-.00029	10.00300	.02170	-.03323	-.05891
100.250	99.414	.20076	-.03589	.14578	-.00047	-.00170	-.00001	9.99940	.01817	-.02840	-.00878
100.490	-.640	.20253	-.02945	.14784	.00105	-.00116	-.00040	10.00300	.01572	-.03417	.00687
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2198/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.650	-.573	.20713	-.03204	.15617	-.00365	.00101	-.00011	9.99270	.01889	-.04226	.01422
200.060	99.412	.20626	-.03315	.15757	-.00123	-.00093	.00019	9.99200	.01910	-.04048	.00747
199.950	199.420	.20865	-.03878	.15975	-.00420	-.00037	.00051	9.98720	.02221	-.03232	-.01684
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT077) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2199/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.233	.238	.17936	-.03357	.14822	.00097	-.00135	-.00035	10.04600	.02193	-.05928	-.00623
.503	99.517	.18971	-.04069	.15062	-.00113	-.00142	-.00013	9.99290	.02209	-.01704	-.01759
.302	199.480	.18648	-.03902	.15164	-.00234	-.00011	-.00025	9.99380	.01343	-.02338	-.02489
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2200/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.380	199.490	.19762	-.04124	.14936	-.00464	.00117	-.00023	10.00200	.02133	-.02942	-.01638
100.330	99.335	.20035	-.04047	.14447	-.00395	.00043	-.00016	9.99720	.02064	-.02584	.00327
100.150	-.539	.20064	-.03832	.14349	-.00360	.00112	-.00038	9.99990	.01672	-.02674	.00983
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2201/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.540	-.584	.20422	-.04226	.14563	-.00534	.00226	-.00031	9.99120	.01921	-.03660	-.00731
200.160	99.419	.20692	-.04131	.16007	-.00767	.00296	-.00077	9.99160	.02125	-.03636	.00075
200.170	199.540	.21223	-.04484	.16115	-.00627	.00087	-.00012	9.98790	.02172	-.03307	-.00584
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT078) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2202/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.216	95.427	.17595	-.02578	.15003	-.00278	.00072	-.00088	9.98770	.02120	-.01864	-2.04620
.154	195.590	.17134	-.02483	.15027	-.00197	-.00076	-.00045	9.98640	.02352	-.02070	-2.04890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT078) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2203/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.490	195.470	.19286	-.02998	.15418	-.00378	-.00081	-.00004	10.00200	.02253	-.03448	-2.04890
100.200	95.364	.19278	-.02760	.15324	-.00250	-.00121	.00006	9.99510	.01895	-.02655	-2.03470
100.400	-4.567	.19686	-.02427	.15245	-.00272	-.00160	-.00016	10.00800	.01997	-.03817	-2.03000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2204/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.840	-4.632	.20221	-.02472	.15475	-.00210	-.00046	.00015	9.99850	.01679	-.05021	-2.01280
199.790	95.428	.19839	-.02785	.15701	-.00257	-.00142	.00035	9.98300	.01795	-.03007	-2.02600
199.800	195.470	.19826	-.03233	.15859	-.00338	-.00106	.00039	9.98510	.02045	-.02695	-2.04310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT079) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2205/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.440	-3.667	.17740	-.02861	.14662	-.00051	-.00138	-.00046	10.05200	.02308	-.07030	-2.06040
.254	95.394	.17720	-.03127	.15045	-.00314	-.00031	-.00024	9.98900	.02054	-.01585	-2.07560
.240	195.500	.17487	-.03078	.15183	-.00242	.00003	-.00035	9.99140	.01835	-.02470	-2.07860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2206/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.450	195.560	.19362	-.03373	.15403	-.00369	-.00041	-.00018	10.00600	.02328	-.03471	-2.07590
100.270	95.424	.19522	-.03497	.14106	-.00122	-.00148	-.00007	9.99690	.01321	-.02448	-2.04950
100.400	-4.533	.19451	-.02943	.14284	-.00042	-.00031	-.00040	10.00300	.01590	-.03386	-2.03680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT079) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2207/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.730	-4.572	.20009	-.03283	.14386	-.00283	.00065	-.00018	9.99360	.02014	-.04421	-2.03970
200.050	95.398	.20106	-.03195	.15694	-.00350	.00023	-.00001	9.99380	.02195	-.04148	-2.05020
199.930	195.480	.20321	-.03710	.15916	-.00493	.00009	.00014	9.98400	.02173	-.02820	-2.05750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT080) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2208/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.196	-3.652	.18139	-.03353	.14866	-.00146	-.00070	-.00033	10.04500	.02169	-.05657	-2.00640
.376	95.448	.18153	-.03768	.14215	-.00246	-.00020	-.00013	9.98850	.01879	-.00821	-2.01230
.454	195.620	.18204	-.03717	.14291	-.00510	.00121	-.00062	9.99260	.01631	-.02056	-2.02710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2209/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.310	195.550	.19434	-.04035	.14702	-.00281	-.00038	.00004	9.99750	.02135	-.02306	-2.01620
100.420	95.487	.19889	-.04038	.14021	-.00417	.00045	.00025	10.00300	.02252	-.03102	-2.00440
100.140	-4.644	.19702	-.03842	.13959	-.00652	.00322	-.00044	9.99330	.01411	-.02069	-1.98910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2210/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00003	9.98950	.01998	-.03467	-2.01210
200.220	95.385	.20267	-.03982	.15952	-.00333	.00171	-.00011	[illegible]	[illegible]	[illegible]	[illegible]
200.150	195.460	.20678	-.04316	.16071	-.00404	.00051	.00014	9.98650	.02222	-.03062	-2.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT081) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SC4LE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2238/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.699	-1.974	.22106	-.07043	.10366	-.00278	-.00054	.00022	10.03600	.02485	-4.08790	4.01650
.159	97.137	.22231	-.07557	.11082	-.00344	.00016	-.00053	9.98220	.02065	-4.03730	4.03330
-.099	197.130	.18149	-.04117	.12012	-.00161	-.00117	-.00050	10.00600	.02013	-4.06160	4.03480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2239/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.480	197.080	.20533	-.04745	.15972	-.00338	.00082	-.00049	9.99350	.01823	-4.05260	4.04590
100.090	97.131	.20214	-.04938	.14316	-.00291	.00002	-.00029	9.99110	.02149	-4.04590	4.03050
100.100	-2.966	.20318	-.05028	.13275	-.00428	.00139	-.00061	9.99490	.01755	-4.04540	4.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2240/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.330	-2.877	.21245	-.05266	.15760	-.00333	-.00003	-.00044	9.98660	.02019	-4.04700	4.01440
200.130	97.106	.21087	-.05192	.16055	-.00269	-.00080	-.00039	9.99150	.02014	-4.05090	4.02210
200.260	197.120	.21152	-.05295	.16058	-.00209	-.00082	-.00030	9.99030	.01754	-4.05450	4.02930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT082) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2241/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.447	.901	.20967	-.06160	.11920	-.00103	-.00091	-.00078	10.03800	.02353	-4.08740	1.99210
.152	99.998	.20980	-.06223	.14239	-.00224	-.00119	-.00067	9.98330	.02065	-4.03920	1.98050
.030	199.940	.17937	-.03791	.14839	-.00130	-.00148	.00005	10.00200	.01827	-4.06270	1.96750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT082) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2242/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.500	200.010	.20103	-.04571	.13419	-.00284	-.00044	-.00080	10.00800	.01753	-4.06550	1.97790
100.300	100.060	.20464	-.04514	.13492	-.00486	-.00083	-.00046	9.99660	.02254	-4.05370	1.99210
100.140	-.080	.20007	-.03908	.13771	.00136	-.00160	-.00086	9.99810	.01415	-4.05280	2.01880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2243/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.720	-.047	.21135	-.04454	.13733	-.00339	-.00016	-.00012	9.99610	.01894	-4.06580	2.00270
200.210	99.976	.21456	-.04648	.14092	-.00421	.00050	-.00025	9.99390	.01891	-4.06350	2.01180
200.080	200.080	.21623	-.04850	.14260	-.00439	.00054	.00003	9.98910	.01903	-4.05760	1.99430
	GRADIENT	.00000	.00J00	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT083) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2244/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.339	.945	.20253	-.05322	.14604	-.00209	-.00039	-.00143	10.03000	.02452	-4.07990	1.99640
.066	100.010	.20085	-.05589	.14691	-.00014	-.00143	-.00011	9.98680	.01966	-4.03900	2.00190
.372	200.040	.18546	-.04066	.15019	-.00114	-.00103	-.00032	10.00200	.01895	-4.06270	1.99710
	GRADIENT	.00000	.00000	.00000	.00000	.000rJ	.00000	.00000	.00000	.00000	.00000

RUN NO. 2245/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.310	199.910	.20132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.150	99.978	.19971	-.04687	.13460	-.00509	.00166	-.00074	10.00000	.02018	-4.05610	2.01030
100.090	-.041	.19855	-.04660	.13238	-.00487	.00111	-.00095	9.99270	.01944	-4.04590	2.00810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT083) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2246/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.340	-.003	.20675	-.04712	.15788	-.00313	.00020	-.00036	9.99020	.02093	-4.05280	1.98800
200.390	99.968	.21119	-.04895	.16145	-.00282	.00087	-.00043	9.99410	.01747	-4.06080	2.00210
200.160	200.160	.21193	-.05003	.16299	-.00277	-.00025	-.00039	9.99180	.02318	-4.05970	1.99830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT084) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2247/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.696	.468	.20379	-.05082	.13802	.00215	-.00346	-.00024	10.04100	.02508	-4.09880	-.02420
.045	99.501	.19164	-.04789	.12855	.00156	-.00282	-.00100	9.98910	.01907	-4.04870	-.02349
.071	199.710	.17036	-.03182	.12770	-.00123	-.00151	-.00048	9.99860	.01909	-4.06070	-.03326
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2248/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.440	199.560	.18791	-.03188	.12876	-.00235	-.00093	.00001	10.01200	.01192	-4.06770	-.00889
100.210	99.495	.18828	-.02921	.13521	.00215	-.00106	-.00014	9.99490	.01205	-4.05060	-.00261
100.400	-.597	.19299	-.02795	.14110	-.00000	-.00117	-.00062	9.99930	.02094	-4.05690	.00344
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2249/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.000	-.482	.21116	-.03166	.13442	.00188	-.00317	.00030	10.00900	.02244	-4.08300	.01547
199.870	99.433	.20984	-.03490	.14016	-.00363	-.00089	-.00015	9.98440	.01965	-4.05450	.00246
199.910	199.570	.21217	-.04200	.13672	-.00148	-.00157	.00045	9.98420	.01847	-4.04860	-.00736
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT085) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2250/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.426	.463	.20175	-.05204	.14090	-.00155	-.00131	-.00076	10.03900	.01189	-4.09340	-.01711
.204	99.615	.20215	-.05410	.14330	.00025	-.00115	-.00008	9.98720	.00959	-4.04690	-.03415
-.040	199.550	.17144	-.03182	.14725	-.00240	-.00086	.00006	9.99990	.02446	-4.06310	-.05490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2251/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.370	199.540	.18965	-.03685	.12971	-.00346	-.00097	-.00044	10.00800	.01729	-4.06350	-.03707
100.330	99.559	.19369	-.03555	.13018	-.00110	-.00181	-.00051	9.99840	.01862	-4.05420	-.03006
100.330	-.512	.19381	-.03008	.13717	-.00069	.00052	-.00077	9.99720	.01376	-4.05510	-.00382
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2252/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.730	-.473	.20892	-.03602	.14346	-.00058	-.00054	-.00012	9.99430	.01873	-4.06840	.00029
200.090	99.447	.21071	-.03874	.14439	.00038	-.00154	.00025	9.99270	.01983	-4.06440	-.01161
199.840	199.650	.21033	-.04070	.15899	-.00395	-.00065	.00015	9.98710	.02154	-4.05610	-.02671
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT086) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2253/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.293	99.473	.19808	-.05178	.14537	-.00165	-.00163	-.00107	9.99440	.02088	-4.05100	-.00469
.059	199.600	.17430	-.03434	.15058	-.00263	-.00126	-.00025	9.99510	.02043	-4.05680	-.01583
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT086) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2254/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.530	199.580	.19871	-.04327	.14591	-.00331	-.00118	.00011	10.00200	.02028	-4.06030	.00006
100.240	99.589	.19836	-.04081	.14046	.00019	-.00272	.00043	10.00200	.01903	-4.05840	.01237
100.040	-.506	.19547	-.03867	.13788	.00054	-.00124	.00022	9.99550	.00229	-4.04970	.04148
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2255/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.570	-.469	.20403	-.04229	.14472	-.00416	.00135	-.00017	9.99110	.01903	-4.06170	.01239
200.190	99.526	.20742	-.04433	.14536	-.00472	.00072	-.00013	9.99050	.01970	-4.06180	.01390
200.070	199.610	.21078	-.04491	.16083	-.00358	-.00037	.00002	9.98720	.02127	-4.05760	.00812
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT087) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2257/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.525	-3.559	.19341	-.04232	.14201	.00053	-.00281	.00007	10.04700	.02075	-4.10280	-2.00920
-.001	95.511	.18670	-.04246	.14415	.00098	-.00210	-.00012	9.98530	.01576	-4.04540	-2.00790
.101	195.470	.17258	-.03052	.14621	-.00170	-.00015	.00004	9.99860	.01779	-4.06070	-2.00970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2258/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	195.510	.18276	-.02903	.14863	-.00214	-.00107	.00016	10.00700	.02134	-4.06180	-2.00250
100.400	95.478	.18337	-.02661	.13382	-.00069	-.00182	.00013	10.00200	.02082	-4.05740	-2.00430
100.280	-4.605	.18321	-.02349	.13578	.00074	-.00171	.00008	9.99820	.01862	-4.05440	-1.99660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT087) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2259/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.030	-4.550	.20097	-.02489	.14722	.00060	-.00248	.00045	10.00700	.02165	-4.08160	-1.97760
199.720	95.411	.19959	-.03120	.14401	-.00027	-.00201	.00037	9.98370	.02038	-4.05260	-1.99260
199.780	195.550	.20140	-.03700	.14610	-.00451	-.00077	-.00003	9.98380	.02510	-4.04780	-2.00740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT088) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2260/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.333	-3.586	.18953	-.04290	.14263	.00076	-.00243	-.00063	10.04200	.01787	-4.09600	-2.02290
.220	95.583	.18287	-.04031	.14619	-.00153	-.00107	.00045	9.99070	.01865	-4.05010	-2.03750
.063	195.490	.16586	-.02762	.15009	-.00169	-.00097	-.00000	9.99440	.02005	-4.05800	-2.04290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2261/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.310	195.490	.18943	-.03443	.15357	-.00273	-.00141	-.00000	10.00400	.01991	-4.06100	-2.03400
100.190	95.461	.18702	-.03084	.15266	-.00046	-.00227	.00024	10.00000	.01873	-4.05450	-2.02760
100.380	-4.536	.18749	-.02870	.14096	-.00115	-.00024	-.00052	10.00400	.01592	-4.06040	-2.00290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2262/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.840	-4.509	.20276	-.03459	.14153	-.00081	-.00036	.00015	10.00100	.01660	-4.07610	-1.99750
199.800	195.580	.20062	-.03893	.14903	-.00301	-.00042	.00064	9.98260	.02089	-4.05110	-2.02340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT089) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2263/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.080	-3.633	.19083	-.04480	.14345	-.00070	-.00153	.00031	10.03900	.02139	-4.08550	-1.97410
.209	95.461	.18389	-.04187	.14856	.00013	-.00210	.00041	9.98910	.02139	-4.04430	-1.98810
.228	195.540	.17481	-.03360	.15072	-.00197	-.00159	.00005	9.98750	.02204	-4.05820	-1.99650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2264/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.360	195.530	.19442	-.04087	.14699	-.00367	-.00141	.00012	10.00100	.02349	-4.05740	-1.99050
100.070	95.457	.18898	-.03832	.14171	-.00083	-.00118	.00012	9.99420	.01155	-4.04800	-1.96060
100.280	-4.630	.19207	-.03865	.13218	-.00092	-.00128	.00057	10.00200	.01967	-4.05350	-1.96680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2265/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.540	-4.620	.19622	-.04027	.14268	-.00363	.00075	.00019	9.99130	.01827	-4.06260	-1.97310
200.270	95.411	.20154	-.04255	.14365	-.00443	.00099	-.00002	9.99040	.01998	-4.06150	-1.96690
199.910	195.520	.20363	-.04302	.16087	-.00344	.00016	.00014	9.98440	.02167	-4.05360	-1.97350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT090) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 891/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.244	-2.169	.21338	-.05461	.15661	-.22929	.03474	-.01648	9.98920	10.01700	-.00459	4.08380
.221	97.842	.22031	-.05736	.15896	-.23665	.03692	-.01788	9.99650	10.02100	-.01696	4.06420
.138	197.780	.22728	-.05935	.16732	-.24786	.04469	-.01995	9.99380	10.00600	-.01879	4.05160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT090) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 892/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.831	197.690	.23216	-.06084	.16787	-.25119	.04777	-.02286	9.99560	10.00200	-.01701	4.06830
49.707	97.698	.22384	-.05749	.16799	-.24183	.04347	-.02108	9.98960	10.00900	-.00815	4.08740
49.954	-2.477	.21915	-.05520	.15935	-.23109	.03664	-.01824	9.99750	10.01100	-.01623	4.09740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 893/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.110	-2.416	.22787	-.05840	.16217	-.23191	.03653	-.02163	9.99630	10.01100	-.02062	4.10720
99.766	97.709	.23135	-.06068	.16747	-.24129	.04257	-.02353	9.98960	10.00400	-.01030	4.10690
99.892	197.760	.23151	-.05991	.16883	-.24775	.04752	-.02457	9.99310	10.00600	-.01364	4.08240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 894/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	197.640	.22836	-.05622	.17101	-.24515	.04624	-.02647	9.99530	10.00900	-.02751	4.11470
200.030	97.693	.22691	-.05473	.16999	-.23749	.04197	-.02548	9.99010	10.01000	-.02599	4.11460
199.960	-2.414	.22544	-.05365	.17016	-.23649	.03937	-.02582	9.99060	10.01500	-.02571	4.10730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT091) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 895/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.137	100.550	.20576	-.04597	.16004	-.24848	.03955	-.02188	9.99170	10.02100	-.03109	2.02540
.091	200.510	.20964	-.04783	.16578	-.25643	.04572	-.02392	9.98970	10.00300	-.03413	2.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT091) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	10.000	BETAB =	12.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 896/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.968	200.530	.21983	-.05051	.16627	-.25697	.04746	-.02708	9.99910	10.00300	-.03464	2.03890
49.753	100.510	.21740	-.04800	.16622	-.24564	.04326	-.02505	9.99370	10.00400	-.02432	2.05040
49.784	.280	.21352	-.04466	.16497	-.23050	.03857	-.02305	9.99560	10.00100	-.01824	2.08570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 897/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	.500	.23061	-.05293	.16879	-.21791	.03521	-.02401	9.99650	10.00400	-.01813	2.10440
99.862	100.340	.23009	-.05471	.16801	-.23767	.04084	-.02684	9.99010	10.01800	-.01501	2.05850
99.851	200.520	.22154	-.05047	.16772	-.25243	.04689	-.02813	9.99050	10.01500	-.02009	2.04270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 898/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.770	200.420	.22873	-.05430	.17226	-.24360	.04572	-.02844	9.99180	9.99930	-.01659	2.10510
200.190	100.360	.23620	-.05780	.17041	-.22956	.04148	-.02683	9.99400	9.99970	-.02684	2.12640
200.130	.566	.24605	-.06265	.17047	-.21995	.03927	-.02627	9.99200	10.00700	-.02707	2.13180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT092) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	10.000	BETAB =	12.000
Y =	150.000	JET PC =	.000
MACH =	4.500		

RUN NO. 899/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.057	.525	.21404	-.05260	.15726	-.22234	.03297	-.01676	9.99410	10.00400	-.01176	2.07600
.158	100.430	.21318	-.05085	.16298	-.24296	.04098	-.02021	9.99180	10.01300	-.01921	2.03320
.088	200.560	.21612	-.05200	.16741	-.25687	.04530	-.02246	9.99200	10.01800	-.02722	2.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT092) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 900/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.821	200.350	.22263	-.05393	.16868	-.25577	.04920	-.02490	9.99770	9.99480	-.02738	2.04620
49.776	100.420	.22258	-.05452	.16697	-.23758	.04129	-.02230	9.99060	10.00400	-.01389	2.06260
49.846	.435	.22244	-.05511	.16372	-.22356	.03488	-.01969	9.99070	10.00600	-.00887	2.07980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 901/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	.451	.23360	-.05922	.16878	-.22411	.03743	-.02215	9.99040	10.00500	-.01248	2.09670
99.641	100.490	.22506	-.05572	.16976	-.23852	.04313	-.02409	9.98990	10.01800	-.01090	2.06730
100.020	200.580	.22435	-.05449	.16873	-.24968	.04775	-.02640	9.99180	10.01100	-.01665	2.04590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 902/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.090	200.490	.22755	-.05524	.17051	-.24141	.04573	-.02678	9.99270	10.00300	-.02244	2.10020
199.930	100.560	.22813	-.05640	.17113	-.23714	.04294	-.02709	9.99000	10.01200	-.02394	2.10420
200.010	.498	.22584	-.05416	.16992	-.23450	.04183	-.02636	9.99070	10.01000	-.02924	2.10350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT093) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 903/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.193	99.974	.19219	-.03280	.15694	-.25437	.04493	-.02487	9.99180	10.00000	[illegible]	[illegible]
-.081	199.970	.19052	-.03320	.15748	-.25881	.04817	-.02512	9.99040	10.01000	-.04582	-.02785
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT093) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 904/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.987	200.000	.20847	-.03683	.16417	-.24686	.04668	-.02766	10.00200	9.99720	-.04529	.01071
49.954	99.949	.20595	-.03474	.16263	-.24277	.04447	-.02704	9.99510	10.00900	-.03382	-.00064
49.706	-.105	.18783	-.02457	.14937	-.22333	.02761	-.02177	9.99580	10.02500	-.03087	-.01217
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 905/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.220	-.054	.21981	-.03579	.15564	-.22143	.03496	-.02621	10.00400	9.99180	-.03358	.05292
99.811	100.200	.22112	-.04029	.16451	-.23456	.04269	-.02878	9.98280	10.01800	-.01527	.01979
99.823	200.160	.22253	-.04333	.16630	-.23856	.04368	-.02922	9.98770	10.01200	-.02252	.02016
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 906/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	199.910	.23221	-.04840	.17023	-.24886	.05022	-.02955	9.99190	10.00400	-.02409	.05891
199.980	99.923	.23852	-.04990	.16746	-.24378	.04917	-.02922	9.99830	10.00300	-.02906	.07141
200.330	-.073	.24188	-.04465	.16899	-.23588	.04767	-.03051	10.00500	10.00100	-.04118	.09866
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT094) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 907/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.162	-.091	.19830	-.04018	.15931	-.24245	.03785	-.02259	9.99290	10.00600	-.03256	.01810
.097	99.974	.19795	-.03953	.15751	-.24554	.03996	-.02251	9.97330	10.00700	-.02173	.00616
.032	199.960	.20117	-.04156	.16441	-.25827	.04849	-.02491	9.98930	10.00200	-.04230	.00606
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT094) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 908/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.740	199.940	.20907	-.04228	.16691	-.24762	.04597	-.02633	9.99640	10.00200	-.03759	.01839
49.839	99.973	.20629	-.04040	.16510	-.24496	.04298	-.02570	9.99270	10.01300	-.03039	.00824
49.780	.028	.20422	-.03865	.15969	-.22909	.03440	-.02296	9.99730	10.01400	-.02819	.02543
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 909/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.952	-.133	.21736	-.04193	.16438	-.22280	.03486	-.02533	10.00100	10.00100	-.02585	.06097
99.973	99.856	.21929	-.04538	.16615	-.23927	.04189	-.02697	9.98800	10.00900	-.01973	.03630
99.830	199.980	.21691	-.04583	.16723	-.24929	.04731	-.02889	9.98740	10.00500	-.02195	.03082
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 910/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.950	200.030	.22783	-.04945	.17021	-.24921	.04974	-.02880	9.99390	10.00500	-.02255	.06484
199.930	99.952	.23244	-.05202	.16901	-.23684	.04566	-.02803	9.99180	10.00400	-.02056	.09145
200.320	.017	.24288	-.05597	.16932	-.22978	.04564	-.02758	9.99590	9.99980	-.03194	.11993
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT095) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 911/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.046	-.077	.20783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.081	100.100	.20362	-.04540	.15617	-.24591	.03994	-.02083	9.98870	10.01400	-.02775	.00823
.019	199.930	.20437	-.04466	.16573	-.25679	.04552	-.02395	9.99000	10.00700	-.03424	.00158
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT095) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 912/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.880	200.000	.21201	-.04677	.16643	-.25441	.04671	-.02673	9.99380	10.00100	-.03167	.01620
49.792	100.020	.21132	-.04653	.16551	-.24913	.04447	-.02457	9.99240	10.01100	-.02476	.01975
49.855	-.145	.21005	-.04438	.16098	-.22680	.03732	-.02139	9.99500	9.99680	-.01922	.06671
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 913/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	-.078	.22733	-.05247	.16861	-.22559	.03900	-.02418	9.99170	10.00400	-.01400	.07944
99.858	99.975	.22241	-.05127	.16679	-.24008	.04285	-.02637	9.98890	10.01800	-.01579	.03733
99.945	200.120	.21622	-.04818	.16754	-.25173	.04720	-.02755	9.99170	10.01400	-.02436	.02390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 914/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	200.080	.22510	-.05214	.17168	-.24430	.04722	-.02842	9.99210	10.00200	-.01860	.07583
200.140	99.973	.22660	-.05347	.17026	-.23694	.04530	-.02765	9.99150	10.00800	-.02508	.09512
200.180	-.012	.23668	-.05829	.16936	-.22711	.04276	-.02658	9.99630	10.00600	-.03180	.10672
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT096) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 915/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.030	-3.965	.18201	-.02834	.15035	-.23323	.03100	-.02113	10.00100	10.01300	-.04908	-2.04470
-.083	95.924	.18010	-.02920	.14860	-.24544	.03924	-.02311	9.98980	10.00100	-.04241	-2.03690
-.013	196.020	.18732	-.03167	.16359	-.26011	.04960	-.02563	9.98840	10.00600	-.04426	-2.04410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT096) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 916/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.929	195.820	.20333	-.03648	.16535	-.24959	.04695	-.02678	9.99800	9.99650	-.04290	-2.02640
49.870	96.046	.20154	-.03440	.16304	-.24429	.04440	-.02615	9.99610	10.01000	-.03812	-2.03400
49.787	-4.087	.19468	-.03105	.15348	-.23113	.03441	-.02306	9.99740	10.01300	-.03470	-2.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 917/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.970	-4.179	.21082	-.03599	.16375	-.22686	.03884	-.02563	9.99830	9.99240	-.02848	-1.98410
99.962	95.957	.21187	-.03843	.16443	-.23643	.04235	-.02741	9.99090	10.01300	-.02556	-2.01200
99.831	196.020	.21182	-.04037	.16634	-.24032	.04351	-.02845	9.98880	10.01100	-.02626	-2.01110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 918/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.820	195.990	.22069	-.04367	.17030	-.25090	.05132	-.02906	9.99380	10.00300	-.02501	-1.97860
200.000	95.848	.22781	-.04639	.16723	-.24426	.04827	-.02881	9.99830	10.00700	-.02766	-1.97370
200.430	-4.098	.23762	-.04659	.16871	-.23941	.04920	-.02919	10.00600	10.00100	-.04099	-1.94250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT097) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 919/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.146	95.906	.19790	-.03993	.16285	-.25523	.04588	-.02329	9.99540	10.00500	-.04383	-1.99380
.043	195.950	.20052	-.04177	.16366	-.25411	.04656	-.02391	9.99190	10.00700	-.04389	-1.99660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT097) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 920/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.756	196.040	.20635	-.04186	.16655	-.25276	.04723	-.02628	9.99650	10.00700	-.03925	-1.99070
49.897	96.062	.20495	-.04017	.16470	-.24708	.04369	-.02475	9.99410	10.01200	-.03307	-1.98940
49.774	-3.898	.20290	-.03963	.16072	-.23484	.03747	-.02182	9.99250	10.01300	-.02410	-1.98060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 921/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.908	-4.109	.21645	-.04375	.16682	-.23109	.04044	-.02474	9.99650	9.99730	-.02000	-1.94070
99.924	95.938	.21243	-.04332	.16522	-.24776	.04595	-.02704	9.98770	10.01700	-.01974	-1.98230
99.875	196.090	.21053	-.04270	.16712	-.25414	.04816	-.02845	9.98860	10.01500	-.02508	-1.98800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 922/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.770	196.030	.22134	-.04724	.17083	-.24978	.04987	-.02855	9.99620	10.00400	-.02441	-1.94700
199.960	95.962	.22462	-.04881	.16894	-.24193	.04906	-.02800	9.99170	10.00200	-.02237	-1.92230
200.290	-4.063	.23778	-.05522	.16859	-.23315	.04713	-.02739	9.99530	10.00400	-.03073	-1.90470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT098) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 923/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.231	-3.844	.20117	-.04331	.15494	-.23682	.03655	-.01954	9.99450	10.01300	-.02282	-1.96070
.175	96.011	.20151	-.04295	.16481	-.25358	.04348	-.02204	9.99340	10.01100	-.03278	-1.98180
.154	195.910	.20677	-.04528	.16569	-.25869	.04668	-.02384	9.99290	10.00600	-.03711	-1.98940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT098) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 924/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.773	196.010	.20959	-.04517	.16740	-.25654	.04689	-.02587	9.99360	10.00900	-.03240	-2.02020
49.774	95.941	.20791	-.04477	.16641	-.24981	.04479	-.02442	9.99340	10.00600	-.02605	-1.99940
49.750	-4.184	.20610	-.04289	.16360	-.23269	.03890	-.02130	9.99520	10.00000	-.01854	-1.96150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 925/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.100	-4.068	.22165	-.05060	.16918	-.22975	.04074	-.02423	9.99200	10.00300	-.01506	-1.94350
99.853	95.888	.21571	-.04845	.16735	-.24397	.04343	-.02591	9.99050	10.01800	-.01629	-1.99560
100.070	196.050	.21380	-.04630	.16721	-.25423	.04902	-.02711	9.99370	10.01200	-.02749	-1.99940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 926/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.740	195.940	.21861	-.04925	.17161	-.24596	.04792	-.02801	9.98830	9.99970	-.01591	-1.96060
200.180	95.845	.22214	-.05071	.16958	-.23800	.04546	-.02741	9.99340	10.00100	-.02804	-1.93730
199.940	-4.044	.22340	-.05230	.16952	-.23258	.04438	-.02655	9.99080	10.00700	-.02677	-1.93270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT099) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1035/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.275	-2.550	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.037	97.462	.25317	-.08164	.16339	-.23853	.03650	-.01835	9.98900	10.00500	-4.03720	4.10860
-.250	197.570	.23057	-.06316	.16665	-.24739	.04161	-.01955	10.00000	10.00800	-4.05230	4.07710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT099) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1036/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.768	197.530	.23169	-.06183	.16972	-.25195	.04708	-.02222	9.99370	10.00200	-4.04310	4.09070
49.873	97.414	.22960	-.06120	.16448	-.23824	.03836	-.01935	9.99340	10.01500	-4.04140	4.09810
49.777	-2.534	.22495	-.05922	.16332	-.23587	.03629	-.01796	9.98940	10.01100	-4.03610	4.10920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1037/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.970	-2.552	.22457	-.05746	.16027	-.23324	.03717	-.01967	9.99650	10.00300	-4.04590	4.12310
99.960	97.480	.23245	-.06207	.16381	-.23936	.04083	-.02055	9.99500	10.00700	-4.04380	4.11400
99.875	197.380	.23370	-.06119	.16968	-.24828	.04699	-.02407	9.99290	9.99930	-4.04250	4.10210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1038/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	197.380	.22906	-.05693	.17165	-.24606	.04708	-.02659	9.99610	10.00300	-4.05530	4.13020
199.980	97.417	.22891	-.05742	.17163	-.24047	.04351	-.02622	9.98980	10.01100	-4.05220	4.12460
199.880	-2.577	.22820	-.05659	.16936	-.23944	.04148	-.02579	9.99480	10.01700	-4.05550	4.11280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT100) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1039/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.009	.286	.24305	-.07732	.14969	-.23445	.03264	-.02285	9.99460	10.00700	-4.05030	2.03870
-.094	100.430	.23258	-.07201	.15010	-.24856	.03766	-.02333	9.99060	10.01700	-4.05340	1.99900
-.110	200.250	.21799	-.05738	.15417	-.25456	.04219	-.02328	10.00200	10.00200	-4.06950	2.00510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT100) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1040/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.6[illegible]	200.470	.20981	-.04743	.16670	-.25922	.04785	-.02630	9.99720	10.00200	-4.05970	2.01080
49.8[illegible]	100.360	.20930	-.04607	.16107	-.24755	.04166	-.02249	10.00000	10.01000	-4.05680	2.01270
49.844	.411	.22731	-.06076	.16061	-.23107	.03679	-.02257	9.98400	10.00400	-4.03570	2.05040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1041/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.929	.400	.22483	-.05305	.16403	-.22434	.03578	-.02173	10.00000	10.00600	-4.05070	2.05260
99.833	100.420	.22293	-.05132	.16559	-.24254	.04250	-.02600	9.99380	10.01500	-4.04690	2.02270
99.781	200.310	.21891	-.04945	.16679	-.25870	.04946	-.02841	9.99060	10.00700	-4.04650	2.01080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1042/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.790	200.490	.22913	-.05459	.17235	-.24972	.04874	-.02872	9.99140	10.00700	-4.04260	2.05360
200.230	100.420	.23940	-.06007	.17042	-.23938	.04661	-.02754	9.99330	10.00200	-4.04980	2.08500
199.990	.270	.24865	-.06530	.17133	-.22718	.04095	-.02614	9.99270	10.00800	-4.05100	2.09620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT101) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1045/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.049	.454	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.026	100.530	.23496	-.07275	.15226	-.23797	.03516	-.01812	9.99440	10.01700	-4.05060	2.03790
-.020	200.560	.22835	-.06262	.16475	-.25152	.04176	-.02027	9.99620	10.01100	-4.05630	2.02490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT101) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1046/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.754	200.540	.22081	-.05423	.16844	-.25216	.04462	-.02351	9.99880	10.00600	-4.05590	2.03370
49.861	100.470	.21079	-.04927	.15866	-.24060	.03985	-.02018	9.99370	10.00600	-4.04760	2.05670
49.857	.480	.22449	-.06062	.15160	-.22072	.02982	-.01581	9.98820	10.01400	-4.03530	2.06630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1047/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.904	.460	.22647	-.05869	.15934	-.22584	.03364	-.01965	9.99390	10.01100	-4.04390	2.08050
99.927	100.420	.22742	-.05810	.16263	-.23983	.04264	-.02343	9.99600	10.00700	-4.04780	2.06690
99.870	200.490	.22545	-.05699	.16609	-.24915	.04582	-.02484	9.98590	10.01000	-4.03920	2.04260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1048/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.980	200.620	.22627	-.05569	.17146	-.24319	.04629	-.02675	9.99280	10.00700	-4.04960	2.09200
200.130	100.460	.23126	-.05908	.16990	-.23939	.04426	-.02705	9.98960	10.00400	-4.04990	2.10190
199.900	.395	.22685	-.05614	.16935	-.23689	.04257	-.02620	9.99120	10.01100	-4.05500	2.09670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT102) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1049/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.046	.021	.19802	-.04726	.14318	-.24083	.03706	-.02820	9.99280	10.00600	-4.06170	-.02354
-.078	100.030	.20074	-.05023	.14694	-.24678	.03964	-.02709	9.99290	10.01200	-4.06420	-.03698
-.041	199.920	.19336	-.04030	.15385	-.26237	.04980	-.02643	9.99750	9.99760	-4.07080	-.03014
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT102) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1050/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.896	199.950	.19747	-.03570	.15621	-.25161	.04510	-.02511	9.99970	10.00700	-4.06580	-.03334
49.863	99.950	.19293	-.03343	.15698	-.25136	.04491	-.02476	9.98940	10.01100	-4.05360	-.03069
49.977	-.105	.19463	-.03637	.14943	-.23801	.03741	-.02387	9.99190	10.01000	-4.05250	-.02572
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1051/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	-.174	.19922	-.03159	.15133	-.22588	.03455	-.02351	9.99760	9.99520	-4.05320	.01039
99.969	99.931	.20356	-.03459	.15790	-.23550	.04054	-.02565	9.99200	10.00700	-4.05000	-.01164
99.966	199.990	.21030	-.03923	.16195	-.24383	.04475	-.02766	9.99210	10.01000	-4.05210	-.01696
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1052/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.070	199.930	.23534	-.05151	.16977	-.24612	.04785	-.02973	9.99590	10.00700	-4.04810	.01745
200.110	100.000	.24418	-.05369	.16732	-.23860	.04492	-.02943	9.99860	10.00900	-4.05080	.02709
200.180	-.066	.23083	-.03858	.16851	-.22931	.04345	-.03012	10.00900	10.00600	-4.06690	.05506
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT103) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1053/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.039	99.903	.21788	-.06261	.14923	-.23921	.03441	-.02382	9.99210	10.00100	-4.06150	-.00975
-.070	199.990	.20272	-.04868	.15120	-.24230	.03973	-.02207	9.99990	10.00000	-4.07170	-.01342
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT103) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1054/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.777	200.070	.19794	-.04014	.15056	-.24174	.04008	-.02277	10.00300	10.00700	-4.06890	-.02171
49.793	99.829	.18865	-.03577	.14900	-.23375	.03519	-.02126	9.99240	10.01100	-4.05530	-.02455
49.845	-.046	.19864	-.04334	.14923	-.22376	.02766	-.02086	9.98850	10.01400	-4.04630	-.01528
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1055/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.938	-.136	.20158	-.03851	.15423	-.21783	.02868	-.02032	9.99970	10.00600	-4.05160	.03998
99.954	99.942	.20717	-.04116	.15971	-.24353	.04089	-.02518	9.98790	10.01400	-4.04380	.00813
99.854	199.980	.20775	-.04327	.16084	-.24996	.04551	-.02746	9.98640	10.00600	-4.04530	.01478
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1056/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.000	199.910	.22627	-.05042	.16991	-.25158	.05093	-.02921	9.98960	10.00100	-4.04210	.06651
200.190	99.963	.23896	-.05720	.16862	-.24021	.04595	-.02835	9.99480	10.00500	-4.04940	.07890
200.170	-.105	.24232	-.05635	.16977	-.22732	.04200	-.02642	9.99420	10.00100	-4.05310	.10994
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT104) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1057/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.019	-.036	.22826	-.06632	.15048	-.23480	.03281	-.02085	9.99490	10.00500	-4.05190	.06234
-.007	99.920	.21913	-.06221	.15044	-.24559	.03717	-.02162	9.98760	10.01200	-4.05210	.03179
-.000	200.030	.21265	-.05364	.15387	-.25107	.03924	-.02074	9.99830	10.00800	-4.06480	.03059
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT104) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1058/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.841	200.050	.20818	-.04533	.15873	-.25221	.04417	-.02437	9.99800	9.99850	-4.06180	.03563
49.838	99.860	.20314	-.04369	.15639	-.24447	.04107	-.02155	9.99040	10.00900	-4.04950	.04457
49.809	-.054	.20942	-.05053	.15444	-.22871	.03353	-.01977	9.98620	10.00800	-4.03920	.06590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1059/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.150	-.193	.21977	-.05139	.15824	-.22527	.03554	-.02048	9.99600	9.99300	-4.04800	.10218
99.826	99.964	.21857	-.05192	.16127	-.24506	.04320	-.02530	9.99090	10.01300	-4.04500	.05397
99.903	200.030	.21548	-.04771	.16701	-.25651	.04896	-.02763	9.99610	10.01200	-4.05500	.02979
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1060/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	199.880	.22529	-.05316	.17153	-.24804	.04861	-.02834	9.99260	10.00200	-4.04710	.07526
200.120	100.000	.23048	-.05628	.16977	-.23987	.04665	-.02730	9.99100	10.00300	-4.04920	.10238
200.020	-.097	.23761	-.06074	.16952	-.23312	.04482	-.02638	9.99090	10.00400	-4.05180	.11622
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT105) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1061/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

		CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.006	-4.122	.20003	-.04784	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.013	95.954	.20522	-.05433	.14744	-.24559	.04012	-.02722	9.98670	10.00800	-4.06180	-2.00440
-.156	195.950	.18543	-.03715	.14923	-.25042	.04335	-.02383	10.00000	10.00900	-4.07780	-2.00710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT105) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1062/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.873	195.930	.18883	-.03295	.14832	-.24016	.03915	-.02311	10.00100	10.00900	-4.07020	-1.99820
49.791	95.913	.18068	-.02905	.14578	-.23514	.03537	-.02216	9.99170	10.01200	-4.05710	-2.00190
49.785	-4.045	.18246	-.03269	.14821	-.22131	.02751	-.02122	9.98190	10.01200	-4.04490	-1.99810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1063/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.060	-4.202	.19579	-.03322	.14880	-.22378	.03143	-.02196	10.00400	10.00100	-4.05770	-1.97080
99.782	95.923	.19013	-.03145	.15119	-.22563	.03610	-.02386	9.98860	10.00100	-4.04600	-1.97580
100.040	196.030	.20245	-.03799	.15387	-.24084	.04204	-.02625	9.99090	10.01400	-4.05060	-1.99230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1064/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	195.930	.22223	-.04665	.16974	-.25058	.04980	-.02937	9.98920	10.00600	-4.04260	-1.95510
200.180	96.055	.23338	-.05121	.16749	-.24567	.04718	-.02865	9.99370	10.00900	-4.04760	-1.95100
200.210	-4.287	.22590	-.04007	.16894	-.23108	.04326	-.02856	10.00500	9.99170	-4.06300	-1.90880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT106) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1065/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.137	-3.941	.21838	-.06058	.15072	-.24639	.03767	-.02250	9.99150	10.01500	-4.05960	-1.96460
.049	96.041	.21415	-.05779	.14866	-.24703	.03891	-.02344	9.99320	10.01000	-4.06470	-1.96360
-.131	196.060	.19917	-.04486	.15151	-.25007	.04221	-.02196	9.99960	10.00800	-4.07160	-1.96320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT106) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1066/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.771	196.000	.19674	-.04003	.15716	-.25121	.04423	-.02347	9.99460	10.00500	-4.06300	-1.96160
49.925	95.959	.19228	-.03667	.15395	-.24345	.03893	-.02166	9.99560	10.01100	-4.06100	-1.96590
49.839	-4.043	.19819	-.04274	.15361	-.23304	.03247	-.02001	9.98810	10.01300	-4.04820	-1.95840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1067/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.984	-4.114	.20726	-.04230	.15531	-.22685	.03496	-.02075	10.00100	9.99780	-4.05330	-1.92570
99.980	95.966	.20488	-.04115	.15648	-.24342	.04106	-.02419	9.98650	10.01600	-4.04430	-1.96320
99.843	195.990	.20533	-.04119	.16634	-.25455	.04893	-.02753	9.98700	10.00300	-4.04840	-1.95280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1068/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.920	195.980	.22135	-.04819	.16939	-.25420	.05178	-.02897	9.99870	10.00200	-4.05310	-1.92290
200.050	96.093	.22685	-.05153	.16862	-.24744	.04990	-.02871	9.99140	10.00500	-4.04650	-1.91300
200.210	-4.079	.23773	-.05667	.16844	-.23181	.04499	-.02651	9.99350	10.00600	-4.05330	-1.89300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT107) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1069/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.070	95.917	.20659	-.05267	.14951	-.24552	.03646	-.01872	9.99290	10.01700	-4.05750	-1.97090
-.039	196.070	.20536	-.04825	.15746	-.25095	.04103	-.02018	9.99420	10.00800	-4.06010	-1.96770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT107) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1070/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.842	195.960	.20476	-.04366	.16674	-.25636	.04505	-.02483	9.99270	10.00600	-4.05570	-1.96520
49.874	95.853	.19890	-.04174	.15797	-.24957	.04281	-.02234	9.98950	10.00500	-4.04970	-1.95560
49.803	-4.063	.19625	-.04269	.14638	-.21951	.02738	-.01727	9.99070	10.01200	-4.04490	-1.93820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1071/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	-4.087	.21334	-.04842	.15962	-.22957	.03754	-.02143	9.99340	9.99420	-4.04540	-1.90500
99.816	95.893	.21119	-.04881	.16232	-.24770	.04377	-.02547	9.99060	10.01700	-4.04660	-1.95660
99.954	196.090	.21217	-.04710	.16786	-.25687	.04774	-.02657	9.99170	10.01300	-4.05260	-1.95860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1072/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.990	195.940	.22168	-.05073	.17032	-.24991	.04889	-.02777	9.99160	9.99460	-4.04760	-1.91090
200.030	95.957	.22326	-.05224	.16943	-.24142	.04667	-.02755	9.99090	10.00200	-4.04860	-1.90420
199.940	-3.958	.22592	-.05456	.16949	-.23691	.04476	-.02647	9.98920	10.01400	-4.05010	-1.90250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT108) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1850/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.180	-2.575	.25560	-.08133	.15889	-.23408	.03835	-.01885	9.99100	10.01400	-8.06830	4.07570
100.010	97.307	.26068	-.08942	.16148	-.24391	.04292	-.02452	9.98140	10.01400	-8.05850	4.07650
100.170	197.470	.23907	-.06358	.16811	-.24945	.04925	-.02482	10.01100	10.01100	-8.08730	4.06260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT108) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	14.000
Y =	200.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1851/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.930	197.450	.23465	-.06302	.17270	-.25082	.05010	-.02705	9.98600	10.01700	-8.06540	4.06850
150.110	97.378	.23332	-.06377	.16567	-.24425	.04545	-.02449	9.99170	10.02000	-8.07080	4.07460
150.230	-2.745	.23581	-.06449	.16321	-.23467	.03887	-.02279	9.99460	10.00600	-8.07480	4.08600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1852/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.040	-2.548	.23663	-.06409	.16720	-.24638	.04485	-.02633	9.99260	10.02100	-8.07250	4.07120
200.160	97.396	.23786	-.06511	.17304	-.24781	.04693	-.02753	9.98710	10.01300	-8.07220	4.08970
200.070	197.400	.23627	-.06306	.17359	-.25274	.05096	-.02864	9.99350	10.01600	-8.07630	4.07640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT109) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	12.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1853/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	.330	.26905	-.09084	.15119	-.22440	.03373	-.02548	9.99050	10.01400	-8.06720	2.04100
99.768	100.460	.25046	-.07842	.15664	-.24351	.04104	-.02710	9.99370	10.02500	-8.06910	2.01370
100.020	200.470	.22254	-.05428	.15999	-.26220	.04925	-.02700	10.00300	10.02600	-8.08310	1.99420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1854/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.940	200.440	.22858	-.05510	.17007	-.26026	.05200	-.03065	9.99160	10.01000	-8.06720	2.02290
150.250	100.310	.23711	-.06085	.16882	-.24666	.04631	-.02764	[illegible]	[illegible]	[illegible]	[illegible]
150.310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT109) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1855/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.420	.183	.26162	-.07559	.16865	-.22841	.04033	-.02604	9.98930	10.00700	-8.07280	2.09320
199.880	100.220	.25069	-.06783	.17080	-.24469	.04756	-.02911	9.99270	10.01900	-8.07390	2.06230
199.770	200.250	.23865	-.06111	.17250	-.25721	.05274	-.03085	9.98970	10.01800	-8.06650	2.03420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT110) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1856/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.100	.358	.24930	-.08001	.15315	-.22873	.03471	-.02092	9.98880	10.01900	-8.06360	2.06040
100.130	100.360	.25036	-.07954	.15852	-.24668	.04501	-.02606	9.99160	10.01600	-8.06900	2.04780
100.040	200.330	.22628	-.05850	.16145	-.25417	.04825	-.02522	10.00200	10.01700	-8.08170	2.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1857/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.060	200.390	.23140	-.06017	.16685	-.25328	.04868	-.02764	9.99[illegible]60	10.01500	-8.07430	2.04590
150.050	100.300	.23307	-.06249	.16525	-.24619	.04732	-.02596	9.99[illegible]80	10.01300	-8.07070	2.08500
150.140	.357	.22871	-.06236	.15249	-.22905	.03650	-.02198	9.99230	10.02000	-8.07440	2.07660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1858/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.200	.222	.23164	-.06147	.16359	-.23848	.04169	-.02571	9.99240	10.01400	-8.07710	2.08780
200.100	100.220	.24098	-.06647	.17135	-.24733	.04929	-.02822	9.98990	10.01100	-8.07280	2.09790
199.910	200.410	.23384	-.06244	.17343	-.25377	.05086	-.02909	9.99120	10.02000	-8.07170	2.06890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT111) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1859/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.981	-.057	.21294	-.05145	.14648	-.22698	.03010	-.02698	9.98840	10.01800	-8.06480	-.01092
99.974	99.888	.21021	-.05274	.15012	-.23292	.03469	-.02692	9.98410	10.01600	-8.06110	-.01958
100.140	199.850	.19392	-.03632	.15136	-.23552	.03685	-.02551	10.00300	10.01500	-8.08070	-.02215
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1860/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.170	199.850	.20642	-.04098	.15744	-.24026	.03844	-.02736	9.99340	10.01900	-8.06790	-.00821
150.180	99.885	.20508	-.03757	.15358	-.23159	.03393	-.02441	9.99780	10.01700	-8.07150	-.00167
150.290	-.054	.21979	-.04731	.15066	-.22394	.03147	-.02476	9.99040	10.01700	-8.06300	.01233
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1861/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.500	-.110	.22310	-.03841	.16870	-.23326	.04396	-.03020	10.00600	10.00100	-8.08580	.05271
199.930	99.770	.23672	-.05230	.16522	-.24361	.04410	-.02973	9.98510	10.02500	-8.06040	.00508
199.940	199.890	.23736	-.05525	.16671	-.25234	.04803	-.03207	9.98910	10.01900	-8.06520	-.00232
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT112) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1862/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

		CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.120	-.165	.23787	-.06788	.14486	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.726	99.934	.21848	-.05985	.15094	-.23638	.03400	-.02554	9.98280	10.02300	-8.06110	-.03259
100.020	199.990	.19976	-.04197	.15608	-.24929	.04223	-.02500	9.99890	10.01200	-8.07900	-.03164
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT112) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1863/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.200	199.880	.21897	-.04742	.16922	-.25708	.05049	-.03052	9.99560	10.00500	-8.07170	-.00842
150.090	99.806	.20957	-.04279	.15797	-.23860	.03810	-.02389	9.99300	10.02200	-8.06770	-.01889
150.340	-.106	.22545	-.05425	.15671	-.22150	.03221	-.02362	9.98840	10.01300	-8.06530	.01703
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1864/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.510	-.192	.24006	-.05675	.16304	-.22493	.03747	-.02503	9.99760	10.01200	-8.07890	.03925
199.880	99.674	.23928	-.05811	.15746	-.24246	.04474	-.02902	9.99260	10.02200	-8.06810	.00662
199.840	199.840	.23157	-.05645	.16052	-.25498	.04977	-.03069	9.98270	10.02000	-8.05680	-.00807
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT113) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1865/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.070	-.194	.23614	-.06977	.14422	-.22284	.03254	-.02156	9.99240	10.01500	-8.07050	.07741
100.060	99.906	.23753	-.06932	.15664	-.24887	.04428	-.02573	9.99090	10.02200	-8.06990	.04255
100.070	199.820	.21719	-.05171	.16292	-.26087	.04905	-.02639	9.99830	10.01700	-8.08050	.03971
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1866/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.900	200.020	.21525	-.05093	.16264	-.25823	.05048	-.02934	9.99240	10.00900	-8.07070	.01443
150.200	99.837	.22144	-.05496	.15788	-.24492	.04237	-.02638	9.99170	10.02000	-8.07050	.03103
150.230	-.151	.23036	-.06215	.14900	-.21899	.03170	-.02011	9.99030	10.01200	-8.06870	.06225
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF　　(OVT113)　(02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.　XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES　YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES　ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000　BETA = 10.000
ALPHAB = 2.000　BETAB = 10.000
Y = 100.000　JET PC = .000
MACH = 4.500

RUN NO. 1867/ 0　RN/L = 1.51　GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.370	-.084	.24261	-.06598	.16150	-.23175	.04098	-.02521	9.99180	10.01200	-8.07640	.06998
199.870	99.829	.23666	-.06251	.16262	-.24463	.04762	-.02774	9.99270	10.01700	-8.07510	.05039
199.770	199.930	.22958	-.05781	.17136	-.25779	.05397	-.03049	9.99210	10.01700	-8.07000	.03004
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF　　(OVT114)　(02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.　XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES　YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES　ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000　BETA = 10.000
ALPHAB = 2.000　BETAB = 8.000
Y = .000　JET PC = .000
MACH = 4.500

RUN NO. 1868/ 0　RN/L = 1.51　GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.060	-4.160	.21469	-.05185	.14578	-.23205	.03300	-.02720	9.98710	10.01400	-8.06400	-2.00930
100.040	95.922	.21881	-.05644	.14765	-.24166	.04103	-.02864	9.98530	10.01300	-8.06350	-2.01130
99.906	195.850	.19748	-.03834	.15216	-.24967	.04504	-.02730	9.99850	10.01500	-8.07720	-2.01050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1869/ 0　RN/L = 1.51　GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.040	195.930	.20376	-.03929	.15656	-.24068	.03942	-.02725	9.99310	10.01700	-8.06810	-2.00680
150.000	95.810	.19468	-.03403	.15231	-.23447	.03647	-.02411	9.99380	10.01700	-8.06680	-2.00350
150.330	-4.149	.20111	-.03568	.15057	-.22199	.03202	-.02524	9.99140	10.01200	-8.06630	-1.98320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0　RN/L = 1.51　GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.520	-3.873	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.840	95.872	.22502	-.04658	.15755	-.24315	.04333	-.02843	9.98400	10.02200	-8.05750	-1.99080
200.100	195.900	.23110	-.05115	.15992	-.25288	.04756	-.03111	9.98760	10.01900	-8.06160	-1.99430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT115) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1871/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.190	-4.053	.22072	-.05727	.14540	-.22819	.03334	-.02189	9.98660	10.01300	-8.06460	-1.99050
100.000	95.896	.22005	-.05783	.15261	-.25129	.04376	-.02623	9.98620	10.02000	-8.06710	-2.01740
99.986	196.000	.20184	-.04158	.16007	-.26269	.05090	-.02693	9.99790	10.01400	-8.08070	-2.01120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.020	195.960	.21098	-.04466	.16097	-.26092	.05098	-.02976	9.99470	10.01200	-8.07300	-2.00410
150.060	95.858	.20977	-.04491	.15598	-.24523	.04397	-.02617	9.99030	10.01700	-8.06640	-1.99640
150.220	-3.828	.21872	-.05173	.14991	-.22528	.03259	-.02132	9.99010	10.04100	-8.06800	-1.99700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1873/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.450	-4.133	.23518	-.05756	.15633	-.23081	.04128	-.02490	9.99490	10.00300	-8.07730	-1.94380
199.830	95.822	.22886	-.05542	.15593	-.24454	.04525	-.02779	9.99020	10.02200	-8.06780	-1.97870
199.880	195.950	.22516	-.05382	.16018	-.25874	.05114	-.03026	9.98940	10.02000	-8.06570	-1.99900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT116) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1874/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.110	-4.046	.21913	-.05616	.15355	-.23617	.03987	-.02157	9.99480	10.01600	-8.07390	-1.98610
100.030	95.929	.22566	-.05979	.16606	-.25399	.04770	-.02519	9.98890	10.01800	-8.06930	-2.00760
100.020	195.950	.21631	-.05014	.16703	-.25954	.04947	-.02685	9.99790	10.01800	-8.07860	-2.01680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT116) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1875/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.000	195.930	.21713	-.04979	.17035	-.25979	.05262	-.02903	9.99400	10.00700	-8.07380	-1.98920
150.160	95.745	.21930	-.05187	.17016	-.25071	.04936	-.02734	9.98890	10.01000	-8.06930	-1.98020
150.190	-4.398	.22048	-.05472	.15269	-.22791	.03752	-.02249	9.99250	10.00600	-8.07180	-1.95490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1876/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	-4.642	.22154	-.05467	.15412	-.22786	.03844	-.02364	9.98950	9.98340	-8.07400	-1.93060
200.050	95.854	.22479	-.05688	.15966	-.24586	.04613	-.02743	9.98680	10.01800	-8.06920	-1.97410
199.990	195.900	.22560	-.05527	.17188	-.25791	.05285	-.02969	9.99170	10.01600	-8.07170	-1.99450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT117) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1150/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.012	-2.344	-.27474	.06724	.25896	-.37447	.11785	-.04086	-10.00200	10.01000	-.16576	4.10520
-.146	97.613	-.27407	.06820	.26032	-.37768	.12094	-.04115	-10.00200	10.01300	-.16925	4.08780
-.215	197.540	-.28133	.06978	.25864	-.38114	.12322	-.04148	-10.00600	10.01200	-.16795	4.08030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1151/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.771	197.820	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.860	97.670	-.27844	.07033	.25775	-.37839	.12097	-.04166	-10.00600	10.01300	-.16487	4.08020
49.955	-2.350	-.27167	.06748	.25391	-.38101	.12138	-.04170	-10.00100	10.01500	-.16797	4.08820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT117) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1152/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.830	-2.491	-.27347	.06954	.24882	-.37642	.12019	-.04113	-9.99120	10.01000	-.17649	4.08860
99.611	97.569	-.28196	.07310	.25227	-.37643	.11955	-.04075	-10.00600	10.01300	-.16290	4.07430
99.787	197.740	-.27986	.07340	.25253	-.37750	.11907	-.04100	-10.00200	10.01600	-.16456	4.04070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1153/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.500	197.650	-.29002	.08123	.25293	-.36681	.11307	-.03707	-10.00200	10.01600	-.15815	4.03940
199.860	97.558	-.28679	.08016	.25298	-.36315	.11174	-.03683	-10.00300	10.01100	-.16095	4.06900
199.930	-2.408	-.28458	.07906	.25213	-.36451	.11218	-.03746	-10.00400	10.01400	-.16135	4.07200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT118) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1154/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.160	.479	-.28501	.07081	.25875	-.37619	.11510	-.04304	-10.00300	10.01400	-.16993	2.03410
-.194	100.470	-.28250	.07077	.25910	-.38838	.12030	-.04317	-10.00000	10.01800	-.16790	1.99850
-.307	200.400	-.28180	.06997	.25975	-.39272	.12359	-.04279	-10.00500	10.01200	-.16275	1.99510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1155/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.748	200.400	-.28156	.07396	.25958	-.39954	.12869	-.04206	-9.99630	10.01300	-.16207	1.98000
49.783	100.610	-.28477	.07458	.25824	-.40263	.12817	-.04279	-10.00600	10.02000	-.15340	1.98210
50.138	.481	-.28095	.07352	.25488	-.39261	.12305	-.04319	-10.00200	10.01500	-.16626	2.02120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT118) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1156/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	.361	-.26014	.06593	.24530	-.39025	.12358	-.04173	-9.99260	10.00900	-.16905	2.01570
99.370	100.510	-.27257	.07137	.25120	-.40037	.12771	-.04201	-10.01300	10.01700	-.14088	1.97970
99.648	200.490	-.27423	.07240	.25749	-.39739	.12697	-.04197	-10.00800	10.01500	-.14228	1.96740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1157/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.330	200.380	-.28624	.08251	.25462	-.37723	.11711	-.03707	-9.99900	10.01400	-.13793	1.97470
200.200	100.490	-.27290	.07741	.25358	-.37620	.11665	-.03797	-9.99920	10.01300	-.14650	1.99970
200.110	.364	-.26696	.07488	.25236	-.37677	.11732	-.03902	-10.00200	10.01000	-.15287	2.02090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT119) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1158/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.251	.557	-.27436	.06910	.25836	-.37010	.11672	-.04271	-9.99500	10.01100	-.17368	2.12900
-.284	100.440	-.27936	.07067	.26214	-.37725	.11949	-.04196	-10.01100	10.01700	-.15970	2.09670
-.223	200.520	-.27876	.06983	.25689	-.38606	.12315	-.04128	-10.00300	10.01900	-.16590	2.07270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1159/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.013	100.580	-.27749	.07112	.26063	-.38688	.12398	-.04229	-10.00600	10.01300	-.16282	2.08060
49.959	.438	-.27117	.06820	.25459	-.37653	.11982	-.04222	-10.00100	10.01200	-.16745	2.10950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT119) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1160/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.674	.342	-.27350	.06956	.25031	-.38170	.12162	-.04169	-10.00300	10.01500	-.16329	2.09850
99.589	100.520	-.28193	.07243	.25396	-.38569	.12201	-.04189	-10.00600	10.01700	-.15830	2.07530
99.741	200.380	-.27710	.07147	.25508	-.38565	.12228	-.04189	-10.00600	10.01300	-.15206	2.05370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1161/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.470	200.390	-.28857	.08216	.25292	-.36909	.11437	-.03656	-9.99590	10.01100	-.15343	2.06240
200.080	100.400	-.28647	.08174	.25457	-.36676	.11411	-.03677	-10.00100	10.01200	-.15841	2.07750
200.120	.489	-.27952	.07838	.25295	-.37044	.11528	-.03760	-9.99990	10.01500	-.16349	2.10130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT120) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1162/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.040	-.002	-.30449	.06722	.25430	-.36888	.10800	-.04351	-10.00300	10.02400	-.16200	-.01466
-.213	100.080	-.30104	.06870	.25936	-.37287	.11097	-.04487	-10.00300	10.02200	-.16168	-.01400
-.111	199.880	-.28974	.06554	.25884	-.37988	.11513	-.04375	-9.99590	10.01400	-.16949	-.01356
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1163/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.642	199.910	-.28894	.07182	.25641	-.39511	.12336	-.04165	-9.99010	10.01200	-.16350	-.03200
49.669	99.977	-.29548	.07258	.25377	-.39361	.12012	-.04254	-10.00700	10.02000	-.14603	-.04333
49.726	-.051	-.30021	.07308	.24962	-.39170	.11795	-.04361	-10.00300	10.01900	-.15045	-.03530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT120) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1164/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.958	-.056	-.28524	.07798	.25538	-.40447	.12477	-.04194	-9.98610	10.01400	-.15447	-.04435
99.722	99.999	-.28944	.08030	.25837	-.40459	.12753	-.04098	-9.99870	10.00800	-.13985	-.04477
99.655	200.010	-.29071	.08022	.25939	-.40293	.12857	-.04052	-9.99980	10.01000	-.13826	-.05399
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1165/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.820	199.970	-.27745	.08260	.25129	-.38050	.11905	-.03640	-9.98290	10.00900	-.13819	-.03927
199.830	100.090	-.27692	.08191	.25536	-.38336	.11947	-.03719	-10.00600	10.01500	-.11950	-.03388
200.190	-.088	-.26287	.07688	.25692	-.39184	.12184	-.03963	-9.99830	10.01700	-.13418	-.01963
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT121) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1166/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.118	-.061	-.29622	.07297	.25528	-.36356	.10558	-.04269	-9.99960	10.01500	-.16120	.02474
.048	99.994	-.29440	.07470	.25553	-.37859	.11391	-.04316	-9.99950	10.01400	-.16437	.01786
-.222	199.990	-.28808	.07133	.26030	-.38292	.11872	-.04351	-10.00600	10.01000	-.15645	.01613
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1167/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.815	99.944	-.29052	.07560	.25417	-.39280	.12189	-.04282	-10.00600	10.02000	-.14772	-.00406
49.879	-.115	-.29325	.07629	.25097	-.38817	.11762	-.04393	-10.00600	10.01600	-.15289	.01209
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT121) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1168/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.716	-.017	-.28469	.07477	.24728	-.39711	.12265	-.04257	-9.99790	10.01500	-.15151	.00278
99.534	100.160	-.29490	.08094	.25712	-.40075	.12627	-.04146	-10.01100	10.02000	-.13451	-.01277
99.901	199.880	-.28439	.07778	.25901	-.39486	.12559	-.04121	-9.99920	10.00900	-.14605	-.00865
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1169/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.560	199.980	-.28545	.08328	.25079	-.37698	.11661	-.03676	-9.99200	10.01400	-.13796	-.00314
199.930	99.996	-.27575	.07887	.25353	-.38007	.11657	-.03815	-9.99910	10.01800	-.13663	.00302
200.340	-.051	-.26170	.07214	.25471	-.38163	.11783	-.04065	-10.00200	10.01300	-.14402	.02712
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT122) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1170/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.158	-.071	-.28966	.07560	.25791	-.37467	.11554	-.04360	-9.99990	10.01500	-.16769	.05522
-.050	100.010	-.28536	.07227	.25178	-.38363	.11924	-.04292	-9.99840	10.01900	-.16879	.02652
-.334	199.840	-.28575	.07263	.25383	-.38659	.12187	-.04205	-10.00800	10.00900	-.15727	.02845
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1171/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.595	199.880	-.28498	.07527	.26103	-.39561	.12638	-.04270	-10.00700	10.01300	-.15167	.01133
49.999	100.050	-.28505	.07579	.25948	-.39258	.12443	-.04272	-10.00400	10.01300	-.15712	.02057
50.081	-.179	-.27307	.06571	.24246	-.38317	.11916	-.04237	-10.00200	10.00900	-.16406	.04797
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT122) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1172/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.652	-.061	-.27249	.06995	.24964	-.39108	.12320	-.04235	-9.99720	10.01400	-.16348	.03615
99.466	100.050	-.28033	.07415	.25436	-.39463	.12497	-.04226	-10.00800	10.01500	-.14530	.01072
99.746	199.920	-.27686	.07336	.25690	-.38956	.12315	-.04199	-10.00200	10.01100	-.14788	.00572
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1173/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.350	199.880	-.28916	.08338	.25374	-.37591	.11678	-.03678	-9.99940	10.01400	-.13916	.01022
199.980	99.941	-.28505	.08064	.25320	-.37698	.11718	-.03775	-10.00100	10.01200	-.14479	.02395
200.360	.053	-.27528	.07789	.25292	-.37136	.11658	-.03837	-9.99830	10.00800	-.15678	.04381
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT123) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1174/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.048	-3.874	-.30815	.07514	.25701	-.35635	.10296	-.04386	-10.00200	10.01300	-.15733	-1.98370
.110	95.928	-.29889	.07224	.25569	-.36821	.10979	-.04418	-10.00300	10.01500	-.15882	-1.98990
-.023	196.030	-.29010	.06870	.25630	-.37112	.11219	-.04333	-10.00200	10.01300	-.16033	-1.98980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1175/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.719	196.070	-.29246	.07578	.25660	-.38669	.12044	-.04221	[illegible]	[illegible]	[illegible]	[illegible]
49.764	96.025	-.29713	.07621	.25490	-.38411	.11733	-.04314	-10.00700	10.02200	-.14356	-2.01730
49.843	-3.997	-.29998	.07643	.25080	-.37696	.11242	-.04393	-10.00400	10.01700	-.14815	-2.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT123) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1176/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.731	-4.129	-.29344	.07785	.25058	-.39356	.11935	-.04256	-9.99570	10.01700	-.14480	-2.02120
99.767	96.004	-.29660	.08071	.25438	-.39259	.12156	-.04112	-10.00500	10.00900	-.13530	-2.01540
99.828	195.940	-.29318	.08150	.25934	-.39356	.12415	-.04080	-10.00100	10.00900	-.13951	-2.01930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1177/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.060	195.950	-.28298	.08472	.25275	-.37778	.11676	-.03618	-9.99940	10.01100	-.12506	-2.01160
199.860	95.953	-.28085	.08247	.25350	-.37956	.11677	-.03715	-10.00500	10.00900	-.12464	-1.99870
200.200	-4.113	-.26538	.07523	.25245	-.38356	.11721	-.03965	-9.99830	10.01700	-.13747	-1.99700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT124) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1178/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.003	-4.165	-.30472	.08013	.25536	-.36971	.10943	-.04361	-10.00300	10.00400	-.15708	-2.00000
.115	95.963	-.29393	.07312	.24472	-.37687	.11305	-.04304	-10.00600	10.01000	-.15606	-2.01550
-.086	195.930	-.29006	.07313	.25238	-.38013	.11696	-.04342	-9.99980	10.00600	-.16204	-2.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1179/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.582	195.980	-.28975	.07785	.25538	-.38747	.12219	-.04185	-9.99550	10.01200	-.15872	-2.03070
49.934	95.998	-.28475	.07283	.24555	-.39028	.12064	-.04284	-10.00200	10.01900	-.15120	-2.04190
49.745	-3.956	-.29042	.07490	.24620	-.38550	.11699	-.04421	-10.00500	10.01400	-.15146	-2.02470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT124) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1180/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.924	-4.016	-.27521	.07180	.24303	-.39508	.12174	-.04270	-9.99360	10.01700	-.15441	-2.03060
99.232	95.989	-.29677	.08088	.25439	-.39646	.12383	-.04187	-10.02200	10.00900	-.12320	-2.02940
99.965	196.010	-.28449	.07761	.25803	-.39070	.12324	-.04142	-10.00200	10.00900	-.14202	-2.03820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1181/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.410	195.930	-.28982	.08495	.25235	-.37734	.11612	-.03656	-9.99580	10.01200	-.13533	-2.03840
200.120	96.084	-.27876	.07908	.24811	-.37984	.11595	-.03810	-9.99840	10.01800	-.13585	-2.02930
200.170	-4.198	-.26585	.07324	.25120	-.38178	.11746	-.04039	-10.01100	10.00800	-.13355	-2.00350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT125) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1182/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.088	-3.872	-.29179	.07740	.25143	-.37328	.11446	-.04355	-10.00200	10.02100	-.16378	-1.94120
.020	96.016	-.27819	.06689	.24146	-.37890	.11636	-.04236	-10.00800	10.01400	-.15805	-1.95820
-.290	195.960	-.28028	.06832	.24564	-.38198	.11886	-.04159	-10.00500	10.00600	-.15876	-1.95310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1183/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.811	196.110	-.27649	.06851	.24875	-.39077	.12349	-.04261	-9.99970	10.01500	-.15829	-1.98190
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.075	-4.023	-.27422	.06531	.24061	-.37798	.11665	-.04207	-10.00200	10.01600	-.16155	-1.94660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT125) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1184/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.907	-4.105	-.26523	.06945	.24888	-.38609	.12289	-.04222	-9.99060	10.00800	-.16927	-1.94210
99.093	95.920	-.28806	.07669	.26048	-.39641	.12596	-.04294	-10.02000	10.01800	-.13340	-1.97510
99.783	196.010	-.28265	.07473	.25811	-.39123	.12348	-.04201	-10.00200	10.01600	-.15011	-1.98660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1185/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.420	195.930	-.29288	.08441	.25402	-.37510	.11587	-.03655	-9.99730	10.01000	-.14355	-1.97880
200.030	96.072	-.28819	.08168	.25459	-.37364	.11585	-.03735	-9.99830	10.01300	-.14912	-1.96730
200.270	-4.043	-.27845	.07875	.25367	-.37200	.11624	-.03821	-9.99490	10.01300	-.16254	-1.94990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT126) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1904/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.970	-2.304	-.23781	.03951	.25810	-.37906	.12246	-.04393	-10.00700	10.01700	-4.19730	4.10050
49.740	97.638	-.25602	.05353	.25634	-.37854	.12169	-.04140	-9.99920	10.01900	-4.20380	4.08480
49.792	197.630	-.26444	.05802	.25497	-.38016	.12250	-.04195	-10.00400	10.01600	-4.19650	4.06110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1905/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.681	197.640	-.27672	.06813	.25054	-.37935	.12111	-.04298	-9.99780	10.01900	-4.19780	4.04720
100.090	97.662	-.26958	.06410	.25196	-.38183	.12250	-.04266	-10.00500	10.01800	-4.19810	4.05840
99.946	-2.418	-.26150	.05890	.25409	-.38154	.12264	-.04188	-10.00800	10.01700	-4.19550	4.07740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT126) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1906/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.540	-2.376	-.28167	.07401	.24536	-.37257	.11620	-.03920	-9.99870	10.02300	-4.19820	4.06970
199.730	97.653	-.28901	.07865	.24725	-.36911	.11513	-.03800	-10.00800	10.01800	-4.18640	4.05710
199.590	197.710	-.29462	.08102	.24847	-.36952	.11429	-.03750	-10.00700	10.02200	-4.18150	4.02830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT127) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1907/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.109	.305	-.23085	.03127	.25697	-.38875	.12301	-.04731	-10.00500	9.99910	-4.18860	2.04140
49.439	100.590	-.25936	.05355	.25747	-.39890	.12728	-.04359	-9.99770	10.02800	-4.18450	1.99400
49.913	200.630	-.25876	.05409	.25935	-.40162	.13000	-.04343	-10.00600	10.01700	-4.17490	1.99390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1908/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.698	200.540	-.27139	.06687	.25783	-.40608	.13165	-.04282	-9.99560	10.01700	-4.17830	1.98160
100.090	100.560	-.26649	.06366	.25631	-.40880	.13279	-.04338	-10.00500	10.01800	-4.17490	2.00990
100.310	.520	-.25836	.05836	.25719	-.39632	.12809	-.04245	-10.00600	10.01400	-4.18910	2.03870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1909/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.310	100.510	-.26988	.07132	.24939	-.39055	.12445	-.04043	-10.00900	10.01900	-4.16250	2.02880
199.450	200.580	-.28047	.07633	.24969	-.38598	.12133	-.03910	-10.01000	10.01900	-4.15420	2.01220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT128) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1910/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.175	.538	-.24282	.04385	.25861	-.37633	.12018	-.04519	-10.00600	10.01100	-4.19390	2.06940
49.640	100.410	-.25927	.05607	.26030	-.38392	.12306	-.04224	-10.00400	10.01300	-4.19230	2.04140
49.736	200.430	-.26469	.05876	.26080	-.39295	.12704	-.04241	-10.00800	10.01600	-4.18230	2.01490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1911/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.772	200.480	-.27257	.06619	.25453	-.39074	.12549	-.04383	-9.99850	10.01500	-4.18620	2.01020
100.090	100.620	-.26698	.06366	.25572	-.38714	.12487	-.04321	-10.00500	10.01700	-4.18650	2.02120
99.978	.532	-.26036	.05958	.25746	-.38203	.12330	-.04313	-10.00600	10.01300	-4.18730	2.05210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1912/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.050	.492	-.27157	.07085	.24279	-.37552	.11807	-.03990	-9.99240	10.02100	-4.20260	2.03960
199.580	100.520	-.28222	.07601	.24658	-.37700	.11831	-.03910	-10.01100	10.01500	-4.17860	2.02260
199.400	200.520	-.28992	.08036	.24805	-.37624	.11694	-.03785	-10.00800	10.02200	-4.16730	1.99220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT129) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1913/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.116	-.129	-.25412	.03631	.25560	-.38125	.11246	-.04850	-10.00200	10.00700	-4.17930	.03376
49.868	99.988	-.26355	.04808	.25626	-.39072	.11990	-.04592	-9.99870	10.01400	-4.17840	-.01473
50.116	199.700	-.25674	.04768	.25705	-.39318	.12269	-.04470	-10.01300	10.00800	-4.16310	-.01711
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT129) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1914/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.674	199.870	-.27571	.06547	.25664	-.40222	.12824	-.04316	-9.99120	10.01600	-4.17440	-.01265
99.930	99.905	-.27166	.06220	.25443	-.40791	.12909	-.04412	-10.00500	10.02200	-4.16010	-.02049
99.857	-.068	-.26996	.05860	.25343	-.40707	.12555	-.04442	-10.00800	10.02200	-4.16050	-.00276
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1915/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.180	-.363	-.26371	.07340	.25307	-.40894	.13141	-.04099	-9.98330	10.00000	-4.17500	.02258
199.480	99.953	-.27255	.07596	.24997	-.40502	.12995	-.04003	-10.00800	10.01500	-4.14080	-.00704
199.540	199.990	-.28568	.08350	.25093	-.39428	.12689	-.03736	-10.00700	10.00700	-4.13860	-.01462
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT130) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1916/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.142	-.137	-.25018	.03826	.25583	-.38588	.11734	-.04837	-10.00400	10.01200	-4.17340	-.01351
50.062	99.950	-.26478	.05275	.2512E	-.39466	.12282	-.04514	-9.99350	10.01400	-4.18630	-.01976
49.915	199.820	-.25893	.05104	.25448	-.39427	.12411	-.04448	-10.00800	10.01100	-4.16940	-.00866
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1917/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]								
99.909	99.951	-.27303	.06434	.25273	-.40878	.12959	-.04444	-10.00800	10.02400	-4.16140	-.03254
100.140	-.216	-.26572	.05967	.25210	-.40158	.12496	-.04421	-10.00900	10.01400	-4.16910	-.00803
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT130) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1918/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.100	-.080	-.25914	.06848	.24918	-.40058	.12758	-.04208	-9.98410	10.01200	-4.18540	-.00847
199.400	99.864	-.26759	.07056	.24495	-.40042	.12615	-.04101	-10.00600	10.01600	-4.15190	-.02279
199.590	199.880	-.28263	.08008	.24755	-.39197	.12400	-.03818	-10.00400	10.01300	-4.14920	-.03013
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT131) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1919/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.095	-.161	-.25324	.04772	.25867	-.38939	.12393	-.04702	-10.00900	10.01400	-4.18440	.04015
49.500	99.908	-.26979	.06143	.25940	-.39641	.12671	-.04426	-10.00300	10.02100	-4.17650	.01300
50.042	199.910	-.26878	.06131	.26145	-.39971	.12814	-.04347	-10.00600	10.01800	-4.17740	.05524
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1920/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.579	199.800	-.27480	.06848	.25761	-.40033	.12894	-.04420	-10.00000	10.01500	-4.17380	.01408
100.110	99.890	-.27025	.06662	.25689	-.40395	.13034	-.04445	-10.00300	10.02100	-4.17670	.00940
100.250	-.096	-.26793	.06473	.25778	-.39398	.12642	-.04410	-10.00500	10.01600	-4.18910	.03561
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1921/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	-.163	-.26582	.06952	.24480	-.38120	.12043	-.04152	-9.98930	10.01700	-4.19800	.03378
199.180	99.810	-.27604	.07324	.24705	-.38698	.12163	-.04079	-10.01300	10.01400	-4.15980	.01464
199.540	199.920	-.28304	.07703	.24751	-.38390	.12050	-.03898	-10.00600	10.01400	-4.15650	-.00088
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT132) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1922/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.172	-4.096	-.25730	.03828	.25285	-.38326	.11322	-.04949	-10.00500	10.00800	-4.17130	-1.99520
49.810	95.763	-.27181	.05279	.25346	-.39015	.11928	-.04684	-9.98930	10.00400	-4.18510	-2.00790
50.124	195.890	-.26525	.05160	.25406	-.38782	.11927	-.04474	-9.99840	10.01800	-4.17630	-2.02240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1923/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.628	195.980	-.28021	.06625	.25358	-.39976	.12623	-.04326	-9.99840	10.02800	-4.16400	-2.05440
99.883	96.056	-.27760	.06402	.25261	-.40231	.12545	-.04428	-10.00800	10.02800	-4.15410	-2.05410
99.885	-4.123	-.27566	.06102	.25099	-.40326	.12265	-.04514	-10.01100	10.02500	-4.15300	-2.03940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1924/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.170	-4.174	-.26927	.07544	.25068	-.41012	.13007	-.04155	-9.97480	10.01000	-4.17870	-2.02260
199.570	95.919	-.27867	.07817	.24249	-.39933	.12597	-.03907	-10.00600	10.01500	-4.14030	-2.03770
199.650	195.990	-.28855	.08415	.24663	-.39336	.12507	-.03737	-10.01000	10.01300	-4.13310	-2.04280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT133) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1925/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.147	96.207	-.27526	.06099	.24931	-.39499	.12319	-.04600	-10.00100	10.04500	-4.17820	-2.03470
49.846	196.000	-.27245	.06052	.25892	-.39536	.12582	-.04512	-10.00400	10.01800	-4.17440	-2.00980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT133) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1926/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.618	195.780	-.28577	.07365	.25678	-.40082	.12810	-.04330	-9.99320	10.01300	-4.17560	-2.01540
99.910	95.780	-.28472	.07187	.25462	-.40419	.12784	-.04492	-10.00800	10.00500	-4.16260	-2.00510
100.160	-4.078	-.28052	.06911	.25239	-.40390	.12681	-.04574	-10.00600	10.02000	-4.17320	-2.00530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1927/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.220	-3.976	-.26509	.06946	.24628	-.39666	.12454	-.04225	-9.98820	10.02000	-4.18350	-2.00560
199.510	95.977	-.27081	.07212	.24609	-.39475	.12334	-.04143	-10.00200	10.02400	-4.15800	-2.02950
199.540	195.580	-.28463	.08075	.24728	-.38885	.12137	-.03855	-10.00200	9.99520	-4.15440	-2.00270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT134) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1928/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.102	-4.029	-.27088	.05954	.24776	-.38953	.12404	-.04589	-10.00800	10.01500	-4.18690	-1.94730
49.680	95.920	-.27648	.06650	.25511	-.39751	.12700	-.04412	-10.00600	10.02000	-4.17800	-1.97680
49.730	195.990	-.27558	.06612	.26051	-.39942	.12871	-.04417	-10.00900	10.01800	-4.16920	-1.98330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1929/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.969	195.780	-.27625	.06865	.25126	-.39942	.12878	-.04489	-10.00000	10.01500	-4.17730	-1.98520
99.942	95.682	-.27687	.07030	.25678	-.40359	.13057	-.04536	-10.00400	9.99600	-4.17950	-1.95670
99.965	-4.248	-.27356	.06762	.25243	-.39412	.12773	-.04495	-10.00400	10.01200	-4.18370	-1.95400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT134) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-14.000	BETAB =	8.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1930/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.100	-4.211	-.27102	.07176	.24622	-.38638	.12222	-.04173	-9.99490	10.02000	-4.19210	-1.96360
199.350	95.894	-.27916	.07480	.24824	-.38771	.12271	-.04084	-10.00500	10.01800	-4.17080	-1.98370
199.490	195.940	-.28777	.07838	.24934	-.38629	.12099	-.03939	-10.00800	10.02200	-4.15720	-1.99920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT135) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-18.000	BETAB =	14.000
Y =	200.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1959/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.160	-2.090	-.15264	-.02045	.26178	-.39024	.13036	-.05182	-10.00700	10.01900	-8.23330	4.10740
99.464	97.830	-.18907	.00318	.25425	-.38648	.12757	-.04692	-10.00100	10.01900	-8.23610	4.09040
99.343	197.760	-.23364	.03514	.25375	-.38481	.12640	-.04385	-9.99560	10.01700	-8.23470	4.06160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1960/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.540	197.930	-.26262	.05788	.24851	-.38085	.12324	-.04330	-9.97840	10.02100	-8.24630	4.04830
150.360	98.024	-.24656	.04822	.24883	-.38291	.12406	-.04278	-10.00900	10.02100	-8.22420	4.07900
150.320	-2.345	-.21446	.02617	.25093	-.38592	.12547	-.04335	-10.01700	10.01700	-8.22080	4.09830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1961/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.680	-2.409	-.25330	.05586	.24530	-.37943	.12285	-.04231	-9.99440	10.01300	-8.23960	4.09130
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.620	197.800	-.28443	.07464	.24511	-.37200	.11740	-.03902	-10.00600	10.01400	-8.21810	4.05570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT136) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1962/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.460	.609	-.16421	-.01221	.26298	-.40421	.13355	-.05449	-10.00800	10.01800	-8.22190	2.02500
99.229	100.450	-.18229	-.00364	.26001	-.41497	.13658	-.05053	-10.00900	10.02100	-8.20380	1.99970
99.334	200.370	-.21337	.02287	.26020	-.41136	.13546	-.04776	-9.99490	10.01300	-8.20090	1.99830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1963/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.710	200.560	-.24226	.04742	.25352	-.40509	.13240	-.04391	-9.98980	10.01900	-8.20650	1.98250
150.330	100.550	-.22564	.03717	.25421	-.41184	.13548	-.04357	-10.00900	10.01500	-8.19760	1.99590
150.700	.540	-.19235	.01415	.25577	-.40429	.13349	-.04802	-10.01600	10.01500	-8.21030	2.02340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1964/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	.161	-.22897	.04654	.25152	-.39215	.12820	-.04224	-9.98600	10.00500	-8.23630	2.03580
199.130	100.340	-.24778	.05662	.24856	-.40326	.13202	-.04263	-10.00900	10.01500	-8.19230	2.00040
199.470	200.440	-.26495	.06749	.24803	-.39771	.12891	-.04041	-10.00700	10.01600	-8.18380	1.97820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT137) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1965/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.400	.454	-.15832	-.01499	.26334	-.38968	.12946	-.05301	-10.00700	10.01200	-8.23140	2.07770
99.325	100.450	-.19447	.00706	.25976	-.39441	.13055	-.04759	-9.99480	10.01900	-8.23520	2.03910
99.404	200.420	-.22860	.03484	.25831	-.39646	.13124	-.04441	-9.99060	10.01700	-8.22550	2.02510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT137) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1966/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.370	200.350	-.25697	.05507	.25140	-.39018	.12658	-.04416	-10.02900	10.01100	-8.18080	2.01860
150.540	100.560	-.24196	.04750	.25234	-.38709	.12534	-.04333	-10.02700	10.01700	-8.19830	2.03790
150.170	.487	-.21486	.02880	.25472	-.38624	.12534	-.04421	-10.03400	10.01800	-8.19240	2.05630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1967/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	.638	-.24558	.05334	.24765	-.38189	.12384	-.04346	-9.99770	10.03300	-8.22450	2.03420
199.770	100.630	-.26126	.06236	.24611	-.38183	.12177	-.04262	-10.00500	10.02200	-8.21580	2.02680
199.440	200.540	-.27560	.06975	.24612	-.37843	.12033	-.04043	-10.00700	10.02200	-8.19950	2.00750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT138) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1968/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.360	.022	-.16648	-.01772	.25784	-.40571	.12505	-.05650	-10.00300	10.01700	-8.19520	.01334
99.654	100.040	-.17762	-.01158	.25691	-.40985	.12997	-.05262	-10.02000	10.02300	-8.17220	.00095
99.776	199.920	-.21031	.01717	.25846	-.40312	.12976	-.04730	-10.00200	10.01100	-8.18990	.00941
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1969/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.40977	.13325	-.04513	-9.99300	10.02200	-8.18560	-.01977
150.120	100.060	-.22896	.03725	.25578	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.390	-.231	-.19684	.01366	.25308	-.42121	.13438	-.05021	-9.96370	10.01000	-8.22750	.01111
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT138) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1970/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	-.166	-.23507	.05176	.25274	-.42503	.13879	-.04411	-9.94400	10.01500	-8.24170	.00379
199.470	99.758	-.24733	.05855	.24985	-.42163	.13818	-.04351	-10.00800	10.01300	-8.16390	-.00746
199.500	199.900	-.27162	.07331	.24759	-.41041	.13433	-.03912	-10.00600	10.01300	-8.16180	-.01213
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT139) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1971/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.090	-.100	-.16658	-.01596	26174	-.40431	.12687	-.05526	-10.01100	10.01400	-8.19480	.03710
99.704	99.875	-.17927	-.00660	.25456	-.40823	.13007	-.05091	-9.97770	10.01400	-8.22220	.03093
99.468	199.860	-.21583	.02241	.25747	-.40416	.13031	-.04821	-10.03600	10.01300	-8.16050	.03061
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1972/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.590	199.760	-.24188	.04715	.25203	-.40455	.13115	-.04442	-9.98900	10.00600	-8.19900	.02094
150.150	100.080	-.23018	.03821	.25307	-.41402	.13319	-.04418	-9.99560	10.02500	-8.19790	.00860
150.390	-.498	-.20430	.01925	.25437	-.41260	.13231	-.04855	-10.02000	9.99560	-8.18690	.04661
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1973/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	-.158	-.23014	.04933	.25142	-.41153	.13285	-.04326	-9.96120	10.01800	-8.24160	.02580
199.200	99.787	-.24888	.05925	.24900	-.40787	.13121	-.04249	-10.01200	10.01500	-8.17410	.01661
199.560	199.920	-.26738	.07045	.24714	-.40094	.13032	-.03988	-10.00300	10.01500	-8.17640	.00617
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT140) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1974/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	-.131	-.18189	-.00089	.26462	-.40707	.13446	-.05248	-10.00700	10.01800	-8.22340	.05686
99.051	99.889	-.20213	.01336	.26009	-.40963	.13501	-.04847	-10.00200	10.02000	-8.20110	.01916
99.767	199.980	-.23171	.03552	.26054	-.40878	.13419	-.04646	-9.99260	10.01800	-8.21310	.01994
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1975/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.510	199.910	-.25277	.05451	.25321	-.40078	.12956	-.04418	-9.98780	10.02100	-8.20890	.01112
150.190	99.751	-.24506	.05033	.25632	-.40464	.13229	-.04416	-10.00700	10.00300	-8.19770	.03737
150.710	-.145	-.22116	.03438	.25893	-.40150	.13203	-.04538	-10.01000	10.01500	-8.21690	.04561
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1976/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.740	-.379	-.24035	.05251	.25134	-.38849	.12493	-.04432	-9.98870	10.00600	-8.23400	.05036
199.220	99.687	-.25541	.06075	.24815	-.39560	.12712	-.04339	-10.00300	10.01100	-8.20190	.02803
199.450	199.860	-.27253	.07001	.24737	-.39193	.12517	-.04093	-10.00900	10.01900	-8.18380	.00834
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT141) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1977/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
99.746	95.938	-.19245	-.00179	.25559	-.40094	.12522	-.05180	-10.00300	10.01000	-8.18500	-1.99900
99.813	196.140	-.22208	.02366	.25760	-.39927	.12571	-.04706	-9.99250	10.01600	-8.19520	-2.00770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT141) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1978/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.470	196.020	-.24799	.04797	.25063	-.40931	.13153	-.04497	-9.96040	10.00600	-8.21490	-2.01890
150.100	95.878	-.23881	.04169	.25279	-.41297	.13221	-.04493	-10.00300	10.02000	-8.17540	-2.02770
150.360	-3.937	-.21095	.02176	.25169	-.41610	.13071	-.04855	-9.95080	10.02800	-8.23360	-2.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1979/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.840	-4.104	-.24393	.05576	.25168	-.42193	.13419	-.04382	-10.01300	10.01800	-8.16640	-2.01580
199.520	95.871	-.25544	.06160	.24778	-.41503	.13313	-.04296	-10.00400	10.01000	-8.16480	-2.01490
199.690	195.950	-.27461	.07426	.24416	-.40564	.13092	-.03887	-10.01000	10.00900	-8.15520	-2.02440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT142) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1980/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	-3.971	-.18762	-.00041	.26149	-.40935	.12986	-.05394	-10.00800	10.02100	-8.19790	-2.03070
99.537	95.823	-.20372	.00996	.25767	-.41006	.13185	-.05133	-10.00800	10.00500	-8.18920	-2.01880
99.751	196.010	-.23261	.03463	.25927	-.40391	.13103	-.04783	-9.99170	10.01400	-8.20520	-2.02960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1981/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.600	195.930	-.25636	.05610	.25322	-.40283	.12994	-.04431	-9.99800	10.01400	-8.19070	-2.04610
150.160	95.941	-.24804	.05161	.25319	-.41148	.13262	-.04525	-10.00600	10.01900	-8.18710	-2.04530
150.490	-4.103	-.22632	.03448	.25754	-.41345	.13298	-.04801	-10.03100	10.02900	-8.17610	-2.03990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT142) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1982/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.940	-4.115	-.24584	.05711	.25319	-.40379	.13057	-.04404	-9.99060	10.00900	-8.21550	-2.01730
199.300	95.740	-.25885	.06369	.25006	-.40493	.12926	-.04329	-10.00800	10.01100	-8.18220	-2.03560
199.540	196.030	-.27276	.07112	.24687	-.39750	.12749	-.04086	-10.00800	10.01500	-8.17320	-2.04440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT143) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1983/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	-3.905	-.19647	.01003	.26006	-.40285	.13224	-.05177	-10.00600	10.01700	-8.22430	-1.94880
99.151	96.139	-.22371	.02900	.25924	-.40990	.13434	-.04844	-9.97730	10.03300	-8.22930	-1.99100
99.763	196.020	-.24231	.04439	.26002	-.40706	.13397	-.04640	-10.00700	10.01300	-8.19840	-1.97710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1984/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.600	195.970	-.26100	.05851	.25397	-.39957	.12838	-.04538	-10.00100	10.02200	-8.19760	-1.99630
150.300	96.019	-.25034	.05414	.25713	-.40515	.13224	-.04616	-10.01400	10.01400	-8.19260	-1.98180
150.560	-4.122	-.23794	.04526	.25854	-.40192	.13327	-.04684	-10.00000	10.01100	-8.22630	-1.96080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1985/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.990	-3.949	-.24973	.05786	.25185	-.38898	.12557	-.04574	-10.01500	10.04000	-8.20990	-1.98880
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.430	196.000	-.27220	.07023	.24669	-.38975	.12402	-.04141	-10.01700	10.01600	-8.17840	-1.99180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT144) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1366/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.146	-2.093	.37672	-.09421	.16332	-.38517	.06388	-.03286	14.99600	15.01100	-.27358	4.09130
.224	97.754	.37802	-.09596	.16738	-.39372	.07133	-.03400	14.98600	15.00300	-.26838	4.06450
.548	197.550	.39065	-.10418	.16785	-.39958	.07389	-.03596	14.99400	14.99300	-.28732	4.05100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1367/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.666	197.750	.37699	-.09244	.16833	-.39934	.07275	-.03356	14.99800	15.00900	-.28293	4.05520
49.721	97.890	.36371	-.08416	.16889	-.38710	.06710	-.03066	14.99300	15.01100	-.26778	4.08780
49.956	-2.109	.36498	-.08716	.16445	-.37439	.05910	-.02804	14.99100	15.01700	-.26490	4.11270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1368/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.090	-2.087	.36474	-.08408	.16968	-.37039	.05925	-.02830	14.99400	15.01000	-.27185	4.14200
100.130	97.800	.37980	-.09359	.17147	-.38034	.06574	-.03423	14.99200	15.00700	-.26497	4.12330
100.200	197.850	.38985	-.10180	.17396	-.39286	.07167	-.03784	14.98800	15.01500	-.26523	4.08030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1369/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	197.800	.40547	-.11358	.17572	-.39163	.07492	-.04159	14.98700	15.00200	-.27342	4.16920
200.250	97.733	.40401	-.11111	.17474	-.38288	.06781	-.04025	14.99600	15.01700	-.28675	4.16170
200.170	-2.285	.39908	-.10675	.17348	-.37374	.06141	-.03933	14.99600	15.01300	-.28913	4.16090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT145) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1370/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.119	.821	.34578	-.07654	.16145	-.38659	.06104	-.03590	14.99100	15.01200	-.29253	2.01260
.388	100.690	.35345	-.07953	.16683	-.40550	.07131	-.03702	14.99600	15.01100	-.30640	2.00040
.199	200.850	.36414	-.08451	.17019	-.41795	.08083	-.04013	14.99600	15.00900	-.30990	2.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1371/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.765	200.730	.37196	-.08825	.17189	-.40335	.07497	-.04004	14.98400	15.00900	-.29619	2.01590
49.789	100.520	.35403	-.07846	.17097	-.39384	.07027	-.03708	14.99300	15.00700	-.29077	2.02630
49.850	.743	.35408	-.07961	.16419	-.37694	.06382	-.03829	14.99400	15.00700	-.28265	2.04620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1372/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.691	.622	.35148	-.07629	.17104	-.36516	.06503	-.03850	14.99300	14.99600	-.27013	2.09960
100.620	100.750	.36323	-.08104	.17498	-.38740	.07012	-.04052	14.99600	15.02500	-.28457	2.03960
100.370	200.830	.38347	-.09454	.17585	-.39571	.07462	-.04223	14.99200	15.01100	-.28658	2.03750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1373/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.560	200.690	.39294	-.10368	.17661	-.38616	.07330	-.04677	14.98500	15.00300	-.26632	2.12110
200.260	100.780	.39154	-.10176	.17742	-.37106	.06647	-.04646	14.99700	15.01300	-.28115	2.14820
200.170	.630	.37505	-.09087	.17735	-.35404	.06225	-.04727	14.99600	15.00000	-.28980	2.17210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT146) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1374/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.003	.762	.37173	-.09502	.15811	-.37825	.06177	-.03551	14.99100	15.00300	-.27516	2.06610
.526	100.570	.37822	-.09719	.16641	-.39913	.07290	-.03557	14.99300	15.00900	-.28943	2.03130
.322	200.900	.37927	-.09442	.16729	-.40990	.07776	-.03702	14.99600	15.01700	-.30097	2.01120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1375/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.699	200.670	.37304	-.08929	.17141	-.40207	.07599	-.03589	14.99400	15.00300	-.28795	2.04450
49.844	100.560	.36842	-.08868	.16683	-.38924	.06876	-.03305	14.99100	15.01000	-.27738	2.05140
49.817	.729	.36854	-.09202	.16632	-.37160	.06136	-.03162	14.98700	15.00700	-.26463	2.08800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1376/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.976	.831	.35806	-.08060	.17209	-.36070	.05756	-.02931	15.00400	15.00800	-.28156	2.12180
100.260	100.710	.36904	-.08642	.17263	-.38653	.07059	-.03623	14.99500	15.01100	-.27217	2.08270
100.370	200.570	.38222	-.09564	.17483	-.39622	.07420	-.03965	14.99000	15.00600	-.27558	2.07010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1377/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	200.700	.40427	-.11098	.17624	-.39144	.07375	-.04360	14.98700	15.00900	-.26715	2.14340
200.340	100.790	.39526	-.10556	.17695	-.38028	.06713	-.04173	14.99300	15.01700	-.28569	2.15410
200.050	.680	.38569	-.10036	.17571	-.36890	.06340	-.04064	14.99000	15.00800	-.28487	2.16620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT147) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1378/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.308	.264	.33715	-.06361	.16466	-.41639	.07545	-.04155	14.98700	15.00900	-.31631	-.02203
.170	100.070	.33062	-.05963	.15882	-.41533	.06939	-.03968	14.99600	15.02200	-.32791	-.04331
.082	200.140	.33429	-.06165	.16106	-.42767	.07846	-.03937	14.99000	15.00400	-.32623	-.02660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1379/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.790	200.090	.35662	-.06911	.16876	-.39961	.07326	-.04177	14.99700	14.98800	-.31141	.01498
50.157	100.140	.35681	-.06928	.16818	-.39173	.06842	-.04256	14.99400	15.01600	-.30771	-.01069
50.295	.139	.36659	-.07083	.16798	-.38395	.06694	-.04435	14.99900	15.00600	-.30818	.01504
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1380/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.832	.109	.38780	-.08170	.17193	-.35563	.06095	-.04662	14.99500	14.99300	-.29086	.06846
99.986	100.130	.37921	-.07974	.17020	-.36840	.06289	-.04621	14.99000	15.02200	-.28999	.02347
100.010	200.320	.37717	-.08098	.17229	-.37562	.06477	-.04687	14.98800	15.01900	-.29060	.02499
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1381/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.680	200.060	.39467	-.09574	.17565	-.38260	.07218	-.05169	14.98100	15.00300	-.27332	.10853
200.010	100.200	.39122	-.09331	.17324	-.37434	.07113	-.05170	14.99400	15.00800	-.28360	.11592
200.370	.029	.40714	-.09700	.17338	-.35704	.06715	-.04941	15.00000	15.00000	-.28674	.14130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT148) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1382/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.075	.146	.34280	-.07441	.16164	-.40013	.06518	-.03953	14.99300	15.01200	-.30795	-.00145
.207	100.110	.34376	-.07368	.16679	-.41579	.07471	-.04008	14.99400	15.00700	-.31281	-.00611
.280	200.030	.34661	-.07396	.16721	-.42001	.08016	-.03963	14.99600	14.99700	-.32006	.00689
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1383/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.750	200.120	.35384	-.07485	.17002	-.40096	.07482	-.04151	15.00000	15.00000	-.30834	.02185
49.970	100.060	.35247	-.07561	.17092	-.39598	.07063	-.04244	14.99200	15.01400	-.29833	.00918
50.062	.199	.35374	-.07550	.16807	-.38049	.06325	-.04133	14.99400	15.01400	-.29444	.01872
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1384/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.874	.063	.36528	-.07885	.17305	-.36413	.06260	-.04177	15.00000	14.99400	-.28754	.07293
100.190	100.150	.36143	-.07880	.17229	-.37928	.06724	-.04397	14.99100	15.02200	-.28671	.02744
100.270	200.140	.36728	-.08208	.17403	-.39202	.07096	-.04528	14.99300	15.01700	-.29174	.03114
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1385/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	200.180	.38613	-.09826	.17500	-.38511	.07599	-.04923	14.98500	14.99800	-.27164	.11811
199.990	100.320	.38469	-.09546	.17638	-.37512	.06990	-.05127	14.99700	15.01600	-.27837	.11601
200.440	.050	.38219	-.09262	.17631	-.35538	.06801	-.04929	14.99700	14.99200	-.29128	.16775
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT149) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1386/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.087	.283	.35010	-.07990	.15722	-.37711	.05644	-.03452	14.99000	15.00500	-.28883	.06232
.401	100.040	.36458	-.08764	.16380	-.40360	.07197	-.03722	14.99200	15.00700	-.30032	.04764
.162	200.190	.36846	-.08951	.16905	-.41676	.08016	-.03975	14.99000	15.01100	-.30236	.03901
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1387/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.855	200.120	.37156	-.08751	.17089	-.41159	.07827	-.03878	15.00000	15.01000	-.30276	.05625
49.772	100.020	.36176	-.08484	.16931	-.39663	.07114	-.03547	14.99000	15.00900	-.28807	.06307
49.851	.108	.36227	-.08589	.16681	-.37838	.06509	-.03600	14.99100	15.00400	-.27923	.08993
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1388/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.566	.176	.34448	-.07263	.17203	-.37145	.06651	-.03598	14.99600	15.00400	-.27596	.11774
100.600	100.180	.36670	-.08461	.17368	-.38938	.07145	-.03787	14.99400	15.02200	-.28338	.07525
100.410	200.350	.38410	-.09546	.17461	-.40032	.07537	-.04120	14.99100	15.01900	-.28683	.06934
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1389/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.550	200.080	.39107	-.10314	.17706	-.39226	.07465	-.04588	14.98700	15.00900	-.26897	.13903
200.200	100.190	.39081	-.10323	.17765	-.37601	.06902	-.04412	14.99400	15.00400	-.28245	.17737
200.120	-.063	.37571	-.09315	.17794	-.36067	.06380	-.04412	14.99500	15.00400	-.29069	.18781
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT150) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1390/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.079	-3.786	.33416	-.06431	.16235	-.40299	.06609	-.03880	14.99300	15.00800	-.31935	-2.01360
.158	96.064	.33399	-.06298	.16508	-.40995	.07135	-.03841	14.99500	15.00500	-.32415	-2.02560
.001	196.210	.33082	-.06132	.16567	-.42058	.07860	-.03850	14.99400	15.00700	-.32598	-2.02320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1391/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.794	196.180	.34425	-.06555	.16935	-.39928	.07226	-.04117	14.99900	15.00000	-.31316	-1.99010
50.087	96.120	.34602	-.06683	.16845	-.39087	.06948	-.04155	14.99600	15.01000	-.30835	-1.99620
50.216	-3.656	.35207	-.06775	.17054	-.38244	.06504	-.04211	14.99800	15.01600	-.30806	-2.00130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1392/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.861	-4.009	.36927	-.07734	.17182	-.36539	.06308	-.04523	14.99200	14.99700	-.29020	-1.94540
100.050	96.309	.36200	-.07574	.17020	-.36973	.06427	-.04406	14.98500	15.01800	-.28631	-1.97420
100.170	196.090	.36200	-.07535	.17128	-.38129	.06736	-.04527	14.99500	15.01500	-.29950	-1.97210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1393/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.760	196.080	.38362	-.09174	.17495	-.38976	.07559	-.05032	14.98600	15.00100	-.27841	-1.90030
199.980	96.209	.37753	-.08817	.17420	-.37805	.07233	-.05070	14.99400	15.00800	-.28410	-1.90200
200.370	-3.999	.39211	-.09370	.17358	-.36801	.07102	-.04981	14.99900	15.00300	-.28791	-1.87120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT151) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1394/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.024	-3.727	.33995	-.07148	.15601	-.38497	.05776	-.03616	14.99800	15.00800	-.31032	-2.00960
.066	96.130	.33741	-.07287	.16393	-.40620	.07144	-.03771	14.98400	15.00500	-.30262	-2.00990
.432	195.970	.34985	-.07615	.16628	-.41518	.07628	-.03778	14.99800	14.99700	-.31870	-2.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1395/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.859	196.150	.36031	-.07975	.16969	-.39956	.07309	-.03905	14.99900	14.99900	-.30799	-1.98090
49.986	96.117	.35548	-.07853	.16878	-.39435	.06898	-.03958	14.99300	15.01400	-.29978	-2.00040
49.939	-3.699	.35757	-.08018	.16811	-.38511	.06525	-.03933	14.99300	15.01100	-.29380	-1.99120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1396/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.805	-3.887	.36214	-.08124	.17091	-.37130	.06536	-.03965	14.99400	14.99500	-.28393	-1.94500
100.300	96.044	.35615	-.07758	.17233	-.38912	.07059	-.04232	14.99000	15.01900	-.28964	-1.99070
100.230	196.160	.36608	-.08353	.17417	-.39678	.07380	-.04305	14.99500	15.01300	-.29661	-1.98570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1397/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.790	195.930	.38690	-.09915	.17624	-.39343	.07574	-.04832	14.98900	14.99500	-.27732	-1.91360
199.900	96.138	.38105	-.09557	.17638	-.37566	.07066	-.04861	14.99200	15.00000	-.27590	-1.89910
200.250	-3.831	.36303	-.08482	.17590	-.36356	.07037	-.04887	14.99200	15.00100	-.28857	-1.86650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT152) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1398/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.112	-3.637	.35034	-.08110	.15755	-.37732	.05532	-.03259	14.98800	15.01000	-.28702	-1.97210
.513	96.076	.36083	-.08535	.16275	-.40338	.07052	-.03497	14.99200	15.00800	-.30031	-1.98430
.195	196.180	.36404	-.08696	.16374	-.41039	.07690	-.03715	14.99400	15.00700	-.30640	-1.98600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1399/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.899	196.170	.36474	-.08353	.17023	-.40592	.07620	-.03751	14.99700	15.00500	-.30112	-1.97240
49.727	96.162	.35395	-.08082	.16848	-.39436	.07148	-.03466	14.99000	15.00900	-.28949	-1.96650
49.923	-3.866	.35754	-.08323	.16288	-.37475	.06075	-.03364	14.99300	15.01100	-.28258	-1.95410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1400/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.628	-3.894	.34633	-.07521	.17038	-.37093	.06467	-.03392	14.99200	14.99800	-.27381	-1.91060
100.460	96.212	.35766	-.08135	.17319	-.38948	.07150	-.03704	14.99200	15.01800	-.28333	-1.95830
100.490	196.010	.37714	-.09183	.17371	-.39968	.07571	-.04079	14.99400	15.01000	-.29162	-1.96110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1401/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.620	196.010	.38855	-.10190	.17587	-.39116	.07417	-.04550	14.98600	15.00500	-.27040	-1.89800
200.290	96.020	.38650	-.10091	.17604	-.37803	.07093	-.04329	14.99300	15.00200	-.28384	-1.86510
200.110	-3.890	.37715	-.09535	.17683	-.37081	.06686	-.04178	14.99100	15.01200	-.28762	-1.85820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT153) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1476/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.072	-2.210	.39780	-.11399	.15421	-.38052	.06177	-.03534	14.99200	15.01000	-3.99330	4.09430
.043	97.827	.39390	-.11492	.15876	-.39521	.07226	-.03790	14.98400	15.00900	-3.99110	4.07310
.366	197.840	.38613	-.10592	.16172	-.40942	.07860	-.03816	14.99800	15.01100	-4.01300	4.04250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1477/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.851	197.710	.38087	-.10022	.16194	-.40172	.07468	-.03547	14.99400	15.01200	-4.00430	4.05750
49.870	97.687	.37063	-.09415	.15733	-.38012	.06534	-.03681	14.99200	15.00400	-3.99670	4.09390
49.957	-2.178	.37029	-.09612	.15523	-.37260	.05979	-.03446	14.98900	15.01300	-3.99100	4.11320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1478/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.999	-2.268	.35059	-.08132	.15886	-.36832	.05711	-.02927	14.99400	15.01000	-3.99960	4.13710
100.210	97.859	.36017	-.08629	.16377	-.37908	.06335	-.03392	14.99300	15.01000	-3.99860	4.11110
100.310	197.910	.38400	-.10123	.16510	-.39371	.07365	-.03606	14.99200	15.00300	-4.00020	4.09180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1479/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.340	197.880	.40644	-.11605	.17407	-.39525	.07652	-.04112	14.98600	15.00500	-4.00390	4.15860
200.110	97.718	.40195	-.11311	.17221	-.38254	.06809	-.03932	14.99300	15.01400	-4.01470	4.15610
200.120	-2.177	.39598	-.10735	.16950	-.37521	.06498	-.03786	14.99700	15.00800	-4.02010	4.15820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT154) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1480/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.082	.968	.36877	-.10038	.15320	-.38339	.05729	-.03754	14.99200	15.01500	-4.01280	2.00510
.425	100.750	.37682	-.10418	.15205	-.40093	.06739	-.04129	14.99600	15.00600	-4.02380	1.99800
.081	200.900	.36413	-.09137	.16075	-.41653	.07901	-.03946	14.99600	15.00400	-4.02850	1.99780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1481/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.687	200.920	.35353	-.08218	.16390	-.40572	.07453	-.04039	14.99500	15.01700	-4.01820	2.00440
49.942	101.160	.34738	-.07783	.15756	-.39614	.06588	-.03701	14.99700	15.03100	-4.01760	1.99030
49.729	.895	.34325	-.08104	.15234	-.37871	.06026	-.03903	14.98600	15.00600	-3.99980	2.03400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1482/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.815	.783	.33055	-.06891	.15771	-.36238	.05778	-.03723	14.99600	14.99600	-4.00590	2.07910
100.250	100.880	.33821	-.07280	.16343	-.37169	.05788	-.03666	14.99000	15.02100	-4.00650	2.02790
100.640	200.680	.36992	-.08839	.16798	-.39545	.07266	-.04026	14.99500	14.99700	-4.01570	2.04040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1483/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	200.750	.39673	-.10816	.17594	-.39277	.07607	-.04635	14.98300	14.99800	-3.99570	2.10830
200.130	100.860	.39351	-.10512	.17582	-.37489	.06993	-.04532	14.99200	15.00700	-4.00770	2.12560
200.260	.780	.37631	-.09352	.17413	-.36245	.06614	-.04539	14.99800	15.00500	-4.02260	2.14740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT155) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1484/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.017	.839	.36339	-.09245	.15242	-.37022	.05795	-.03479	14.99100	15.00700	-3.99990	2.06640
.383	100.950	.37811	-.10443	.15233	-.39421	.06904	-.03994	14.98400	15.01500	-4.00230	2.02630
.192	200.660	.36035	-.08830	.15682	-.40099	.07303	-.03745	14.99900	15.00300	-4.02270	2.02380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1485/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.906	200.830	.35676	-.08368	.15886	-.39063	.06749	-.03599	14.99600	15.01200	-4.01520	2.03020
49.832	100.870	.35329	-.08470	.15487	-.38186	.06092	-.03632	14.98800	15.01500	-4.00060	2.03850
49.929	.907	.36057	-.09246	.15442	-.36954	.05794	-.03579	14.98400	15.00700	-3.99060	2.08020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1486/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	.686	.36346	-.08938	.15789	-.36683	.05828	-.03119	14.99800	15.00200	-4.00430	2.11480
100.030	100.830	.35890	-.08600	.16388	-.38307	.06792	-.03492	14.99100	15.00700	-3.99850	2.07990
100.670	200.480	.38242	-.09890	.16894	-.39522	.07309	-.03716	14.99300	14.99800	-4.00790	2.06810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1487/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.120	200.870	.40278	-.11157	.17378	-.39263	.07636	-.04247	14.98700	15.00200	-4.00080	2.13950
200.110	100.830	.39610	-.10877	.17274	-.37975	.06847	-.04149	14.99100	15.01500	-4.01400	2.14330
200.090	.712	.38559	-.10228	.17260	-.37543	.06656	-.03937	14.99100	15.00600	-4.01590	2.15960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT156) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1531/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.347	.296	.32149	-.06696	.14102	-.41350	.07229	-.03844	14.99000	15.01000	-4.03630	.02168
.203	100.120	.33986	-.08238	.14097	-.41594	.07378	-.04197	14.98200	15.01000	-4.03080	.01235
.299	200.250	.33111	-.07013	.14459	-.43261	.08159	-.03969	15.00500	15.01400	-4.05520	.00252
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1532/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.921	200.090	.34521	-.07154	.15193	-.41742	.07891	-.04047	15.00300	14.99800	-4.03820	.04090
50.113	99.979	.34685	-.07242	.15077	-.41191	.07681	-.04090	14.99000	14.99800	-4.02280	.04344
49.961	.185	.33789	-.06910	.14440	-.39583	.06945	-.04102	14.99300	15.01000	-4.02340	.04002
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1533/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.280	.252	.36484	-.07560	.15050	-.37464	.06519	-.04326	15.00200	14.99800	-4.02170	.07748
100.160	100.160	.36630	-.07770	.15558	-.38590	.06818	-.04275	14.98600	15.01900	-4.01100	.04560
99.982	200.290	.36070	-.07626	.15878	-.39430	.07401	-.04313	14.98800	15.01100	-4.01360	.04997
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1534/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	200.080	.39522	-.09701	.16490	-.38357	.07227	-.05123	14.98800	14.99500	-4.00730	.13617
200.040	100.140	.39239	-.09559	.16230	-.37278	.06804	-.04877	14.99300	15.00900	-4.01050	.13683
200.590	.228	.41424	-.10290	.16021	-.35423	.06361	-.04750	15.00500	15.00400	-4.02190	.17460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT157) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1492/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.197	.305	.34357	-.08248	.15425	-.39124	.05897	-.03759	14.99100	15.00700	-4.02430	.00521
-.442	100.250	.36440	-.09571	.15305	-.41177	.07348	-.04269	14.98700	15.00000	-4.02540	.00602
.053	200.210	.35867	-.08856	.16014	-.41330	.07643	-.03989	14.99500	14.99900	-4.03600	.00683
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1493/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.635	200.500	.34664	-.07766	.16612	-.40759	.07278	-.04023	14.99400	15.02700	-4.02630	-.01143
50.036	100.370	.34360	-.07421	.15851	-.40446	.07048	-.04188	14.99700	15.01500	-4.02560	.00146
49.808	.240	.34383	-.08012	.15227	-.38148	.06058	-.04207	14.98400	15.00700	-4.00720	.02108
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1494/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	.164	.34402	-.07152	.15607	-.36614	.05810	-.04110	15.00800	14.99800	-4.02470	.05761
100.180	100.220	.34900	-.07638	.16387	-.38414	.06639	-.04244	14.98900	15.01200	-4.01170	.02926
100.230	199.610	.35078	-.07839	.17007	-.39773	.07292	-.04181	14.99200	14.97400	-4.01690	.06086
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1495/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.130	200.250	.38621	-.09948	.17334	-.39032	.07567	-.04857	14.99100	14.99400	-4.00760	.10031
199.980	100.130	.38173	-.09569	.17313	-.37805	.07068	-.04962	14.99100	15.00900	-4.00540	.10542
200.420	.166	.37986	-.09447	.17187	-.35549	.06636	-.04690	14.99600	14.99300	-4.02020	.15435
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT158) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1496/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.298	.224	.34535	-.08414	.15080	-.37687	.05535	-.03366	14.98700	15.00400	-4.00820	.04156
.486	100.210	.35684	-.08929	.15001	-.39348	.06474	-.03864	14.99500	15.00200	-4.02300	.02708
.007	200.440	.34671	-.08036	.15728	-.40968	.07650	-.03696	14.99400	15.00600	-4.02550	.02117
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1497/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.887	200.210	.34952	-.08043	.16115	-.40158	.07229	-.03900	14.99500	15.01000	-4.01990	.02879
49.968	100.300	.34136	-.07592	.15394	-.38394	.06190	-.03626	14.99500	15.01400	-4.01680	.03145
49.779	.157	.34152	-.07925	.15304	-.36818	.05513	-.03569	14.98600	15.00500	-3.99940	.05815
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1498/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	.091	.34079	-.07553	.15862	-.36317	.05815	-.03492	14.99400	14.99600	-4.00430	.09938
100.340	100.280	.35660	-.08772	.16562	-.38798	.06932	-.03545	14.98600	15.01100	-4.00230	.05741
100.160	199.690	.37525	-.09452	.17146	-.40303	.07796	-.03969	14.99500	14.98100	-4.01640	.07632
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1499/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.160	200.230	.39885	-.10878	.17312	-.39362	.07634	-.04511	14.98900	15.00100	-4.00410	.11489
200.010	100.170	.39319	-.10703	.17483	-.37689	.06993	-.04277	14.98800	15.00700	-4.00680	.14322
200.140	.312	.37881	-.09684	.17438	-.36353	.06624	-.04215	14.99400	15.00700	-4.02010	.15613
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT159) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1500/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.088	-3.900	.31216	-.06243	.15095	-.38888	.06018	-.03635	14.98700	15.00800	-4.03270	-2.02510
.166	96.189	.32958	-.07438	.15182	-.39845	.06521	-.03879	14.99000	15.01000	-4.03670	-2.02980
.314	196.150	.32795	-.06662	.15503	-.41454	.07485	-.03802	15.00100	15.00500	-4.05220	-2.01940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1501/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.765	196.100	.33491	-.06642	.16362	-.40410	.07311	-.03996	14.99700	15.00400	-4.03530	-2.00750
49.650	96.165	.30994	-.05495	.15599	-.37879	.06057	-.03716	14.99300	15.00700	-4.02770	-2.00930
50.153	-3.970	.31975	-.06276	.15387	-.37146	.05566	-.03940	14.98800	15.01300	-4.02160	-2.01120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1502/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.220	-3.959	.33991	-.06877	.15284	-.35677	.05269	-.04183	15.00100	14.99800	-4.02410	-1.97060
100.190	96.234	.34991	-.07476	.16541	-.38447	.06913	-.04338	14.98900	15.00600	-4.01640	-1.98340
100.270	195.570	.34615	-.07039	.16826	-.38753	.07028	-.04268	14.99500	14.97800	-4.02310	-1.96520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1503/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.160	196.150	.37871	-.08994	.17270	-.38853	.07459	-.05013	14.99200	15.00000	-4.01180	-1.92530
199.940	95.991	.37229	-.08586	.17039	-.37699	.07012	-.04880	14.99300	15.00500	-4.01310	-1.91760
200.270	-3.609	.38759	-.09309	.17013	-.35879	.06607	-.04627	14.99500	15.01300	-4.01530	-1.90160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT160) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1504/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.145	-3.913	.33306	-.07553	.14953	-.38072	.05420	-.03339	14.98900	14.99800	-4.02200	-2.00130
.100	96.196	.33828	-.08141	.15084	-.39045	.06129	-.03718	14.98700	15.00700	-4.02300	-2.01420
.122	196.290	.32954	-.07033	.15404	-.39737	.06758	-.03680	15.00400	15.00700	-4.04250	-2.01730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1505/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.214	196.080	.34071	-.07161	.15529	-.38513	.06337	-.03713	14.99600	15.00400	-4.02740	-2.00210
49.820	96.228	.33163	-.06994	.15567	-.38181	.05852	-.03724	14.98700	15.01800	-4.01470	-2.01610
50.025	-3.961	.34172	-.07796	.15345	-.38310	.05874	-.04002	14.99200	15.00800	-4.01390	-1.99310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1506/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.060	-3.979	.35151	-.07962	.15876	-.37259	.06146	-.03869	14.99500	14.99100	-4.01080	-1.94980
100.240	96.198	.34699	-.07581	.15822	-.38229	.06280	-.04048	14.99600	15.02000	-4.01890	-1.99310
100.280	196.050	.35777	-.08151	.15946	-.38950	.06536	-.03906	14.99300	15.00800	-4.01810	-1.99040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1507/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.030	196.110	.38639	-.10023	.17344	-.39522	.07877	-.04705	14.98200	14.98400	-4.00060	-1.91010
199.900	96.040	.37610	-.09505	.17264	-.38084	.07196	-.04691	14.99200	15.00600	-4.00850	-1.91580
200.240	-3.827	.36210	-.08542	.16936	-.36608	.06964	-.04661	14.99700	15.00300	-4.02340	-1.88490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT161) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1508/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.074	-3.870	.33459	-.07465	.15195	-.37359	.05271	-.02976	14.98800	15.00600	-4.01110	-1.96970
.373	96.078	.34415	-.07941	.15117	-.38973	.06246	-.03525	14.99500	15.00700	-4.02350	-1.98130
.256	196.200	.34571	-.07729	.15501	-.40477	.07059	-.03467	14.99700	15.00900	-4.02930	-1.99000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1509/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.019	196.030	.35960	-.08615	.16360	-.39974	.07257	-.03627	14.98900	15.00000	-4.01690	-1.97090
49.942	96.158	.35775	-.08732	.15827	-.39369	.06860	-.03675	14.99000	15.01400	-4.01420	-1.97510
49.733	-3.943	.34803	-.08287	.15567	-.37295	.05584	-.03456	14.99200	15.01300	-4.00890	-1.96380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1510/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.912	-3.957	.34047	-.07728	.15827	-.36414	.05564	-.03363	14.99400	15.00000	-4.00590	-1.91360
100.410	96.088	.35439	-.08401	.16316	-.38966	.07058	-.03571	14.99300	15.00600	-4.01160	-1.94900
100.520	196.180	.37473	-.09367	.16684	-.39666	.07369	-.03790	14.99300	15.01200	-4.01560	-1.96380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1511/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	196.220	.39020	-.10451	.17249	-.39429	.07595	-.04423	14.98700	15.00400	-4.00450	-1.90170
200.000	96.158	.38436	-.10248	.17280	-.38485	.07134	-.04247	14.99200	15.01200	-4.01310	-1.88980
200.200	-3.717	.37788	-.09755	.17312	-.37041	.06806	-.03976	14.99600	15.00500	-4.02280	-1.86360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT162) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1625/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.160	-2.321	.38015	-.10530	.14502	-.37012	.05713	-.03531	14.99300	15.01200	-8.02840	4.13660
100.020	97.570	.38727	-.11406	.14921	-.37596	.06208	-.03910	14.98600	15.00900	-8.02080	4.11840
100.220	197.590	.37816	-.10156	.15995	-.40074	.07530	-.03689	15.00200	15.00600	-8.03680	4.08770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1626/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.210	197.610	.39526	-.11144	.16538	-.39430	.07467	-.03806	14.99100	15.00800	-8.02890	4.12010
150.240	97.723	.39705	-.11332	.16191	-.38803	.07147	-.03821	14.99500	15.01800	-8.03410	4.13130
149.810	-2.364	.36343	-.09246	.15563	-.37935	.06343	-.03444	14.99700	15.02500	-8.03660	4.13590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1627/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.570	-2.341	.38869	-.10586	.15982	-.37890	.06651	-.03653	14.99200	15.00700	-8.03990	4.17130
200.180	97.600	.39919	-.11374	.16359	-.38324	.06774	-.03855	14.98400	15.01500	-8.03090	4.15910
199.940	197.780	.40406	-.11852	.16916	-.39624	.07701	-.03924	14.98700	15.01400	-8.03220	4.13980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT163) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1628/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.030	.629	.38166	-.11084	.15003	-.37328	.06139	-.04516	14.98800	15.02000	-8.02630	2.06900
100.380	100.490	.39098	-.11531	.14972	-.38712	.06799	-.04412	14.99500	15.01400	-8.03570	2.04690
100.140	200.600	.37035	-.09538	.16037	-.40718	.07847	-.04180	15.00300	15.01700	-8.04660	2.03470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT163) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1629/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.150	200.900	.38897	-.10361	.16810	-.40430	.07881	-.04335	14.99400	15.02500	-8.03580	2.05460
149.970	100.510	.37879	-.09949	.16459	-.38929	.07201	-.03940	14.99000	15.01500	-8.03060	2.07940
149.860	.550	.35448	-.08937	.15675	-.36851	.06408	-.04263	14.98500	15.01000	-8.02660	2.10680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1630/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.400	.484	.35707	-.08534	.16243	-.36070	.06112	-.04234	15.00300	15.01300	-8.05200	2.13760
200.220	100.590	.39132	-.10640	.17126	-.38129	.07083	-.04279	14.98500	15.01700	-8.02920	2.11280
200.130	200.480	.40721	-.11683	.17156	-.39929	.07936	-.04530	14.98900	15.01600	-8.03130	2.08980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT164) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1631/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.100	.676	.36765	-.09937	.14945	-.36993	.06142	-.03726	14.98700	15.01600	-8.02470	2.06700
100.190	100.290	.38099	-.11019	.14992	-.37713	.06442	-.04140	14.98800	15.00400	-8.02450	2.05480
100.320	200.760	.37556	-.09861	.16183	-.40547	.07890	-.03887	15.00300	15.01800	-8.04310	2.04140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1632/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.900	201.290	.38736	-.10502	.16736	-.39674	.07698	-.03979	14.98900	15.04700	-8.03000	2.03810
150.100	100.580	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.020	.667	.37358	-.10090	.15814	-.37775	.06569	-.03542	14.98700	15.02000	-8.02590	2.10250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT164) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1633/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.400	.643	.38131	-.10376	.16301	-.37379	.06814	-.03718	14.99500	15.00800	-8.04450	2.14770
200.140	100.480	.39353	-.11027	.16563	-.38443	.07196	-.04019	14.99300	15.02000	-8.03950	2.12300
200.020	200.460	.40120	-.11427	.16869	-.39463	.07584	-.04213	14.99600	15.01400	-8.03880	2.11010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT165) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1652/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.770	.138	.35339	-.08443	.15154	-.40121	.07662	-.04953	14.98900	15.01000	-8.03280	.04355
100.270	99.954	.36597	-.09431	.14822	-.39845	.07219	-.04834	14.98900	15.02[illegible]00	-8.03560	.02054
100.150	200.120	.34790	-.07757	.15490	-.40530	.07666	-.04458	15.00800	15.01400	-8.05730	.02731
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1653/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.180	200.020	.36050	-.07994	.16568	-.39085	.07193	-.04592	14.99800	15.01300	-8.04400	.05315
150.100	100.090	.35852	-.08170	.15839	-.38820	.07152	-.04454	14.99400	15.01600	-8.03870	.05671
150.350	.039	.37770	-.09240	.15858	-.38066	.07395	-.04738	14.99600	15.00400	-8.03730	.08216
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1654/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.510	-.062	.39561	-.09912	.16133	-.37048	.07138	-.04767	14.99600	15.01000	-8.04240	.11992
199.780	99.824	.37027	-.08638	.16525	-.38007	.06803	-.04734	14.99000	15.02700	-8.03550	.07447
200.100	199.930	.37631	-.08799	.16954	-.38475	.07112	-.04845	14.99500	15.00500	-8.04120	.09390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT166) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1655/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.933	.351	.38986	-.11259	.14788	-.38694	.06786	-.04783	14.99400	15.01700	-8.03620	.03161
100.080	99.981	.37641	-.10799	.14956	-.38820	.06277	-.04697	14.98900	15.02400	-8.03500	.01353
100.170	200.130	.35627	-.08707	.15539	-.39935	.07230	-.04110	15.00800	15.00700	-8.05560	.02472
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1656/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.040	200.130	.36032	-.08448	.16701	-.39949	.07570	-.04406	14.99300	15.01200	-8.03960	.03959
150.100	100.110	.36167	-.08671	.16348	-.39308	.07294	-.04420	14.99400	15.01800	-8.03850	.04441
150.330	.043	.37841	-.09784	.15213	-.37114	.06552	-.04450	14.99900	15.00800	-8.04000	.07155
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1657/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.050	.122	.36363	-.08676	.15582	-.35798	.06155	-.04397	14.99400	15.01200	-8.04230	.11268
200.000	100.220	.37580	-.09384	.16853	-.38761	.07349	-.04808	14.98800	15.03200	-8.03280	.06541
200.120	200.160	.38645	-.10164	.17034	-.39657	.07566	-.04729	14.98900	15.02800	-8.03430	.04412
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT167) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1658/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	.129	.36067	-.09602	.15132	-.36969	.05980	-.04024	14.99100	15.01300	-8.03030	.07653
100.290	200.220	.36480	-.09099	.15860	-.40537	.07800	-.03916	15.00700	15.01500	-8.05370	.04465
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT167) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1659/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.160	200.190	.38454	-.10250	.16481	-.39780	.07619	-.04179	14.98900	15.01500	-8.03380	.06631
149.940	99.912	.37378	-.09738	.16353	-.38909	.07284	-.03907	14.99400	15.01000	-8.03440	.07917
149.930	.117	.34961	-.08582	.15670	-.36449	.06000	-.03881	14.99600	15.02100	-8.03650	.10074
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1660/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.580	-.082	.37055	-.09640	.16408	-.36763	.06418	-.03842	14.99200	15.01300	-8.04030	.13584
200.120	100.040	.38571	-.10710	.16505	-.38331	.06986	-.04049	14.97900	15.02100	-8.02320	.10532
200.360	199.920	.40334	-.11396	.16913	-.39932	.07840	-.04400	14.99400	15.00900	-8.03790	.09589
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT168) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1643/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	-4.014	.37442	-.09819	.14695	-.38065	.06521	-.04556	14.99200	15.01600	-8.04050	-2.00530
99.825	95.938	.36602	-.09979	.14796	-.38775	.06661	-.04779	14.98000	15.02300	-8.02830	-2.02190
100.260	196.230	.34719	-.07722	.15821	-.40590	.07809	-.04377	15.01300	15.02100	-8.06370	-2.01880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1644/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.030	196.090	.35184	-.07520	.16561	-.38984	.07241	-.04490	14.99800	15.01300	-8.04770	-1.99810
150.050	96.056	.35237	-.07917	.16006	-.38635	.06999	-.04415	14.99000	15.02000	-8.03800	-1.99770
150.120	-4.023	.35679	-.08308	.15229	-.36833	.06183	-.04506	14.99100	15.01400	-8.03590	-1.98170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT168) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1645/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.490	-4.224	.37175	-.08607	.15766	-.35835	.06208	-.04448	15.00000	15.00000	-8.04420	-1.92240
199.870	95.916	.35910	-.07979	.16576	-.38236	.07004	-.04601	14.99000	15.02700	-8.03720	-1.97710
200.130	195.960	.36585	-.08261	.16913	-.39295	.07471	-.04771	14.99200	15.01900	-8.04120	-1.97530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT169) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1646/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.827	-4.005	.35831	-.09351	.15068	-.37635	.06141	-.04349	14.98500	15.01400	-8.02950	-1.96580
100.340	95.694	.36431	-.09828	.15012	-.38179	.06097	-.04319	14.99000	15.01400	-8.03660	-1.97890
100.190	196.110	.34867	-.08053	.15498	-.40122	.07203	-.03956	15.00800	15.01900	-8.05710	-1.98870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1647/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.220	195.710	.36370	-.08939	.15900	-.39766	.07213	-.04131	14.99100	15.00000	-8.03830	-1.95250
150.140	96.015	.36546	-.09101	.16391	-.39284	.07292	-.04256	14.98700	15.00800	-8.03210	-1.95440
149.870	-4.110	.34614	-.08159	.15360	-.36577	.05859	-.04110	14.99500	15.01600	-8.03720	-1.94030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1648/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.380	-4.070	.35874	-.08699	.15945	-.36673	.06750	-.04263	14.99500	14.99800	-8.04420	-1.87720
200.200	196.010	.38907	-.10518	.17102	-.40057	.07958	-.04533	14.99800	15.01700	-8.04460	-1.95170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT170) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1649/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.210	-3.987	.34701	-.08461	.15264	-.37935	.06549	-.03589	14.99000	15.01100	-8.03320	-1.94850
100.400	95.995	.37042	-.10184	.15421	-.39351	.07391	-.04106	14.98500	15.01600	-8.03040	-1.97560
100.070	196.210	.34943	-.08213	.15648	-.39833	.07227	-.03738	15.00800	15.02800	-8.05620	-1.99950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1650/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.230	195.890	.37271	-.09529	.15938	-.39419	.07211	-.03990	14.99100	15.01100	-8.03640	-1.96410
149.970	95.897	.36283	-.08998	.15956	-.38977	.07066	-.03780	14.99300	15.01400	-8.03600	-1.95300
150.050	-4.126	.34968	-.08400	.15667	-.36463	.06073	-.03450	14.99500	15.00700	-8.03910	-1.91860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1651/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.470	-4.066	.36351	-.09019	.16010	-.37134	.06599	-.03658	14.99400	15.01000	-8.04520	-1.89530
200.000	96.201	.37782	-.09852	.16210	-.38480	.07137	-.04023	14.98800	15.03300	-8.03400	-1.93600
200.170	195.240	.38478	-.10422	.16336	-.39494	.07444	-.04255	14.99100	14.98700	-8.03540	-1.91300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT171) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1730/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.056	-1.859	-.42761	.10881	.28304	-.62525	.20277	-.06996	-15.00900	15.01600	-.19899	4.12450
-.092	97.737	-.42977	.11289	.28396	-.62751	.20480	-.06964	-15.00300	15.01500	-.20658	4.09290
-.471	197.800	-.43327	.11543	.28467	-.62562	.20542	-.06934	-15.01200	15.00900	-.18558	4.06620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT171) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1731/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.619	197.740	-.45126	.12703	.28333	-.62443	.20511	-.06915	-15.00800	15.01200	-.18693	4.04100
50.100	97.556	-.44854	.12589	.28480	-.62554	.20545	-.06919	-15.01200	15.00900	-.19409	4.07570
49.950	-2.221	-.43812	.12044	.27882	-.62917	.20634	-.06935	-15.01000	15.01700	-.19537	4.09470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1732/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.511	-2.215	-.44213	.12452	.28013	-.62925	.20604	-.06810	-15.00900	15.01700	-.18791	4.07580
99.558	97.713	-.44484	.12639	.27704	-.62101	.20267	-.06768	-15.00800	15.01200	-.18247	4.04240
99.323	197.840	-.45235	.13043	.27808	-.61933	.20179	-.06711	-15.00900	15.01600	-.16983	4.01520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1733/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.600	197.920	-.45816	.13521	.27259	-.59692	.19100	-.06277	-15.00400	15.01600	-.16955	4.01640
200.230	97.790	-.45436	.13498	.27224	-.60549	.19551	-.06275	-15.00400	15.01400	-.18161	4.04940
200.220	-2.225	-.44735	.13257	.27096	-.61279	.19929	-.06272	-15.00500	15.01500	-.19189	4.07030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT172) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1734/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.289	100.820	-.41644	.10404	.28302	-.64350	.21050	-.07472	-15.00200	15.01700	-.18382	2.02600
-.648	200.710	-.42661	.10651	.28582	-.64577	.21292	-.07394	-15.01500	15.01300	-.16608	2.01910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT172) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1735/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.703	200.660	-.43443	.11747	.28365	-.66015	.21997	-.07189	-14.99700	15.01400	-.17472	2.00200
49.854	100.660	-.43541	.11829	.28441	-.66310	.21877	-.07264	-15.01000	15.02200	-.16638	1.99890
50.133	.755	-.43395	.11678	.28250	-.66064	.21622	-.07279	-15.00700	15.02000	-.18244	2.02840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1736/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.615	.822	-.43206	.12146	.28151	-.66976	.22141	-.07036	-15.00000	15.01900	-.17790	2.00720
99.379	100.860	-.43149	.11998	.28290	-.66679	.22103	-.06978	-15.00900	15.01700	-.15709	1.99520
99.725	200.640	-.43069	.11888	.28333	-.65817	.21872	-.06964	-15.00900	15.00700	-.15379	1.99470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1737/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.590	200.640	-.44297	.13190	.27281	-.62681	.20514	-.06236	-14.99500	15.01000	-.15670	1.99270
199.990	100.700	-.43535	.12903	.27052	-.63206	.20593	-.06285	-15.00200	15.01900	-.15624	1.99160
200.100	.671	-.42970	.12630	.26899	-.63485	.20794	-.06315	-15.00400	15.01400	-.16588	2.02360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT173) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1738/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.176	.802	-.42739	.11019	.28380	-.62666	.20354	-.07173	-15.00300	15.01000	-.20514	2.09310
-.457	100.620	-.43168	.11331	.28398	-.62782	.20576	-.07100	-15.00600	15.01500	-.19169	2.05890
-.456	200.620	-.43332	.11580	.28472	-.63171	.20922	-.07011	-15.00500	15.01000	-.17947	2.03620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT173) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1739/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.586	200.650	-.44802	.12634	.28372	-.63408	.20934	-.06973	-15.00400	15.01600	-.17687	2.01760
49.875	100.680	-.44702	.12492	.28461	-.63488	.20983	-.07001	-15.01300	15.01500	-.17532	2.02960
50.550	.874	-.43795	.12128	.27872	-.64194	.21146	-.07061	-15.00500	15.02700	-.20329	2.05990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1740/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.387	.610	-.43797	.12405	.28073	-.64057	.21199	-.06918	-15.00600	15.01300	-.18967	2.05120
99.152	100.850	-.44551	.12631	.28072	-.63082	.20634	-.06834	-15.01000	15.02400	-.16772	2.00230
99.513	200.740	-.45101	.12844	.27994	-.62635	.20494	-.06790	-15.01000	15.01700	-.16109	1.99460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1741/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.810	200.760	-.45400	.13562	.27501	-.61343	.19925	-.06251	-14.99800	15.01500	-.16633	2.00120
199.970	100.950	-.45394	.13440	.27246	-.61418	.20011	-.06219	-15.00800	15.02400	-.16535	2.00350
200.440	.726	-.44058	.12848	.26898	-.61513	.20001	-.06214	-15.00200	15.01900	-.18652	2.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT174) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1742/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.258	.271	-.43678	.09919	.28223	-.63286	.19573	-.07772	-15.00400	15.02000	-.18914	.04158
-.234	99.958	-.44018	.10763	.28344	-.64250	.20312	-.07739	-14.99600	15.00700	-.19241	.04722
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT174) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1743/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.610	200.060	-.45135	.12174	.28620	-.67712	.22392	-.07434	-14.99500	15.01000	-.17457	.01081
49.942	100.140	-.44939	.12072	.28240	-.68294	.22255	-.07501	-15.00500	15.02600	-.16800	-.00329
49.804	.063	-.45001	.11749	.27756	-.68019	.21532	-.07529	-15.01000	15.02900	-.16589	-.00245
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1744/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.687	.142	-.44651	.12658	.27772	-.69751	.22569	-.07156	-14.99100	15.01600	-.16906	-.00436
99.396	99.718	-.45232	.12992	.28436	-.69512	.22933	-.07043	-15.01100	14.98300	-.14585	.02059
99.731	200.060	-.44805	.12802	.28648	-.68517	.22864	-.06858	-15.00900	15.00400	-.14480	-.00452
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1745/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	200.200	-.44005	.13479	.27363	-.64642	.21314	-.06145	-14.98400	15.01400	-.14780	-.02311
199.960	100.070	-.43031	.13065	.27148	-.65385	.21396	-.06218	-15.00400	15.01800	-.12955	-.01670
200.170	-.011	-.41800	.12580	.27242	-.65895	.21339	-.06340	-15.00300	15.02300	-.13889	.00565
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT175) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1746/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.374	.280	-.42098	.09875	.28155	-.63471	.19944	-.07697	-15.00000	15.02000	-.18708	-.01074
-.356	100.030	-.43362	.10792	.28289	-.63774	.20240	-.07592	-15.00700	15.01600	-.17599	-.00993
-.197	200.050	-.43689	.11136	.28231	-.64603	.20894	-.07509	-15.00700	15.00700	-.17638	-.00456
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT175) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1747/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.526	200.170	-.44696	.12255	.28331	-.66538	.21972	-.07336	-15.00000	15.01600	-.17267	-.03146
49.836	100.140	-.44534	.12048	.27895	-.67103	.21739	-.07420	-15.00500	15.03100	-.16836	-.04903
49.819	.023	-.44150	.11637	.27756	-.66333	.21118	-.07441	-15.01200	15.01600	-.16295	.00441
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1748/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.739	-.159	-.43751	.12437	.27667	-.68017	.22014	-.07197	-14.99200	15.00900	-.17166	-.00215
99.644	100.110	-.44468	.12791	.27910	-.67880	.22273	-.06993	-15.00800	15.01100	-.15563	-.00566
99.755	200.110	-.44569	.12804	.28389	-.66863	.22250	-.06822	-15.00900	15.00600	-.15597	.02254
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1749/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.620	200.010	-.43796	.13126	.27054	-.63587	.20711	-.06219	-14.99000	15.01300	-.15356	.01228
199.980	100.120	-.43150	.12797	.27009	-.64041	.20762	-.06270	-15.00300	15.02200	-.14346	.01188
200.160	.010	-.41979	.12277	.26896	-.65038	.21025	-.06400	-14.99900	15.02300	-.15552	.03019
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT176) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1750/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.132	.296	-.42641	.10913	.28022	-.63167	.20292	-.07365	-15.00700	15.01500	-.19237	.07428
-.754	100.090	-.43584	.11385	.28342	-.63633	.20561	-.07394	-15.01400	15.01700	-.17269	.04735
[illegible]	200.160	-.43451	.11365	.28366	-.63893	.21031	-.07309	-15.00600	15.01300	-.17616	.04396
	GRADIENT	[illegible]	[illegible]	[illegible]							

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT176) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1751/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.566	200.180	-.44382	.12253	.28438	-.64642	.21311	-.07134	-15.00500	15.02200	-.16747	.01209
49.997	100.120	-.44133	.12282	.28134	-.65284	.21564	-.07190	-15.00600	15.01700	-.17147	.02741
49.999	.178	-.44608	.12416	.28152	-.65576	.21412	-.07266	-15.01500	15.02400	-.17194	.03939
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1752/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.787	.041	-.43581	.12368	.28046	-.65667	.21614	-.07000	-15.00200	15.01500	-.17443	.03399
99.600	100.160	-.43806	.12321	.28179	-.65500	.21675	-.06980	-15.01300	15.01600	-.15788	.01407
99.748	200.100	-.44276	.12415	.28373	-.64601	.21272	-.06969	-15.01300	15.01400	-.15933	.01435
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1753/ 0 RN. = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.370	200.050	-.45007	.13434	.27195	-.62472	.20310	-.06220	-14.99700	15.01500	-.15776	.00530
200.100	100.070	-.44036	.13012	.26917	-.62549	.20204	-.06232	-15.00500	15.01900	-.15636	.01383
200.280	.081	-.43584	.12879	.26805	-.62543	.20334	-.06269	-15.00400	15.01700	-.17002	.03366
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT177) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1754/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.157	-3.817	-.43330	.09830	.27839	-.62107	.18790	-.07758	-15.00600	15.02200	-.18349	-1.98320
-.191	96.040	-.44142	.10623	.27877	-.63373	.19922	-.07738	-15.00200	15.00700	-.18659	-1.96280
-.214	196.080	-.44546	.11128	.27979	-.64180	.20483	-.07604	-15.00600	15.01500	-.17851	-1.98490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT177) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1755/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.574	196.130	-.44912	.12043	.28048	-.66676	.21916	-.07430	-14.99800	15.01300	-.16931	-2.01370
49.822	96.208	-.45064	.11945	.27701	-.67123	.21580	-.07495	-15.00800	15.03300	-.16199	-2.03190
49.881	-3.989	-.44822	.11612	.27515	-.66390	.20639	-.07537	-15.01100	15.02800	-.16226	-2.01780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1756/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.557	-3.873	-.45089	.12674	.27512	-.68450	.21788	-.07169	-14.99600	15.01600	-.16141	-2.01960
99.617	96.051	-.45322	.12820	.27891	-.68864	.22427	-.07071	-15.01100	15.01000	-.14337	-2.01720
99.759	196.270	-.45008	.12760	.28241	-.67775	.22367	-.06888	-15.00800	15.01000	-.14523	-2.01650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1757/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	196.150	-.44629	.13698	.27414	-.64694	.21168	-.06178	-14.98400	15.01200	-.14653	-2.02700
200.060	96.051	-.43558	.13203	.26902	-.65440	.21243	-.06216	-14.99700	15.02600	-.13609	-2.03030
200.240	-3.926	-.41817	.12496	.26923	-.65781	.21116	-.06354	-15.00000	15.02500	-.14006	-2.01070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT178) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1758/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.079	-3.803	-.43576	.10967	.28121	-.63089	.19696	-.07621	-15.00300	15.01800	-.18323	-1.98100
-.398	96.237	-.44442	.11426	.28297	-.63357	.20045	-.07622	-15.01100	15.01800	-.17251	-1.98570
.130	196.150	-.43484	.11399	.28144	-.63938	.20618	-.07596	-15.00100	15.01200	-.17973	-1.98540
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT178) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1759/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.632	196.160	-.44589	.12407	.26143	-.65703	.21614	-.07371	-14.99900	15.01500	-.17426	-2.01010
49.649	96.008	-.44776	.12294	.27899	-.66052	.21329	-.07464	-15.01300	15.02500	-.15886	-2.01320
49.716	-3.868	-.44770	.12119	.28060	-.65688	.20734	-.07487	-15.01500	15.02800	-.15746	-2.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1760/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.916	-3.941	-.44342	.12551	.27445	-.66796	.21470	-.07202	-14.99700	15.01600	-.17058	-2.00740
99.543	96.075	-.44533	.12740	.28195	-.66252	.21607	-.07003	-15.00800	15.00500	-.15236	-2.00930
99.943	195.990	-.44140	.12599	.28276	-.66061	.21942	-.06922	-15.00800	15.00200	-.15534	-2.00370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1761/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.490	195.980	-.44337	.13297	.27162	-.63206	.20478	-.06232	-14.99400	15.01300	-.15439	-2.02450
199.990	96.129	-.43421	.12958	.27046	-.63474	.20395	-.06289	-15.00200	15.01900	-.14829	-2.01970
200.020	-3.968	-.42861	.12468	.26862	-.63909	.20411	-.06406	-15.01300	15.02300	-.14568	-2.00920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT179) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1762/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.101	-3.760	-.44070	.11747	.28204	-.62481	.19998	-.07424	-15.01200	15.01900	-.18583	-1.94610
-.529	96.061	-.44369	.11985	.28521	-.63204	.20447	-.07386	-15.01200	15.01400	-.17558	-1.96210
-.453	196.160	-.45018	.12115	.28705	-.63478	.20765	-.07248	-15.01600	15.01500	-.16682	-1.96570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS OFF (OVT179) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1763/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.114	196.250	-.45186	.12701	.28547	-.64635	.21267	-.07172	-14.99900	15.02500	-.18355	-1.98880
49.835	96.134	-.45423	.12832	.28517	-.64742	.21160	-.07236	-15.01100	15.02300	-.17609	-1.98060
50.159	-3.740	-.44994	.12827	.28155	-.64834	.21163	-.07291	-15.00400	15.02800	-.18827	-1.97270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1764/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.576	-4.041	-.44084	.12745	.28223	-.65191	.21347	-.07007	-15.00500	15.01400	-.17574	-1.96980
99.430	96.320	-.44336	.12611	.28379	-.65218	.21402	-.06994	-15.02700	15.02900	-.14354	-2.00320
99.604	196.150	-.44671	.12638	.28333	-.64134	.20918	-.06959	-15.01200	15.01600	-.15440	-1.99740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1765/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.600	196.030	-.45276	.13499	.27344	-.62396	.20275	-.06222	-15.00000	15.01300	-.15589	-1.99580
200.010	95.996	-.44770	.13368	.27278	-.62753	.20340	-.06260	-15.00600	15.01100	-.15540	-1.98920
200.260	-3.875	-.44282	.13273	.27253	-.62946	.20514	-.06302	-15.00400	15.02000	-.16960	-1.97900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 25 JUL 77

IA142, AEDC V41A-K1A, TABULATED SOURCE DATA

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON

(OVT501) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 375/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.218	400.150	-.18875	-.04807	.18623	-.00745	-.00228	-.00004	.00978	.02289	-.94450	.29711
-1.419	300.080	-.20960	-.05765	.17568	-.00411	-.00388	.00032	-.06124	.01928	-.86774	.30754
1.391	250.100	-.14811	-.07085	.14893	-.01161	-.00080	.00006	.03606	.01568	-.96523	.31160
-.407	200.070	-.14554	-.07278	.14377	-.00865	-.00384	.00072	-.02900	.02937	-.89792	.29578
-1.084	175.060	-.17225	-.06869	.14642	-.00484	-.00027	.00027	.00422	.00456	-.93208	.31697
-.627	150.050	-.17827	-.07351	.14470	-.00015	-.00527	.00022	.00512	.02072	-.93289	.30068
-1.006	124.950	-.20232	-.07214	.14560	-.00809	-.00292	-.00016	-.02724	.00129	-.90068	.32904
-2.613	100.070	-.28134	-.06457	.15983	.00984	-.00381	.00020	-.07276	-.01392	-.85573	.34855
1.301	75.004	-.20409	-.09189	.14481	-.00820	.00140	-.00072	.02747	.01906	-.95888	.32342
-2.335	49.971	-.26690	-.09580	.14513	.00083	.00016	-.00003	-.07312	.00166	-.86301	.35174
.262	24.949	-.23971	-.10420	.14433	-.00260	-.00209	.00013	.00237	.01169	-.93646	.33785
-.360	-.039	-.23123	-.10904	.14985	-.01402	.00157	-.00106	-.01267	.01966	-.91979	.33017
1.822	-50.065	-.17005	-.08760	.17280	-.00206	-.00224	.00067	.07985	.00319	-1.00280	.33392
1.106	-100.150	-.12515	-.07896	.17118	-.00617	-.00097	-.00037	.05409	.01890	-.96971	.30602
2.523	-200.160	.07733	-.19240	.13920	-.00792	.00110	-.00284	.01099	.01084	-.92997	.32763
	GRADIENT	.00000	.00000	.C0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 377/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.919	400.090	-.21713	-.03686	.21591	-.00640	.00084	-.00044	-.01683	.01176	-.90051	.30712
50.856	300.020	-.16387	-.05969	.18073	-.01823	.00175	-.00269	.01144	.02900	-.92582	.28963
50.458	249.960	-.14285	-.06039	.16778	-.03913	.00388	-.00222	-.01423	.04183	-.90101	.27707
48.827	200.000	-.17637	-.05674	.16657	-.01764	.00133	-.00103	-.02766	-.00237	-.88887	.32186
49.256	174.980	-.19381	-.05439	.17148	-.00920	-.00077	-.00002	-.02823	.00702	-.88910	.31142
50.660	149.950	-.16045	-.06132	.16274	-.00428	-.00229	.00033	.00376	.02386	-.92192	.29191
50.100	124.920	-.14369	-.06546	.15852	-.01320	.00053	-.00075	-.00076	.02228	-.91777	.29670
49.983	99.970	-.13560	-.06718	.15896	-.00949	-.00066	-.00081	.00104	-.00162	-.91989	.33115
49.482	74.903	-.14454	-.06367	.16342	.00000	-.00209	-.00004	-.01176	-.00231	-.90798	.33098
49.943	49.861	-.13456	-.06687	.16026	-.01590	-.00036	-.00139	.00119	.02723	-.92151	.30668
49.335	25.033	-.13985	-.07340	.16046	-.00320	-.00395	.00043	-.03675	.01180	-.88685	.32252
48.868	-.036	-.15757	-.08522	.16308	-.01209	-.00626	-.00020	-.04826	.02982	-.87747	.30994
50.881	-50.095	-.11606	-.08332	.17098	.00181	.00529	-.00086	.01108	-.02883	-.93169	.35695
49.098	-100.120	.02156	-.09695	.14030	.00654	-.00705	.00083	-.03131	.04951	-.88192	.28065
51.389	-200.190	.16490	-.19668	.11256	-.00415	-.00171	-.00059	-.02287	-.00164	-.90253	.33450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT502) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 376/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.448	-100.050	-.11460	-.08289	.16820	-.00690	-.00149	-.00026	-.04065	.01586	-.87261	.31357
.066	-50.039	-.17773	-.08712	.17492	-.00203	-.00158	.00033	.00063	.01042	-.91780	.33317
.449	.089	-.23392	-.10704	.14979	-.01185	.00173	-.00118	.01117	.01305	-.93774	.33961
-.882	25.087	-.25861	-.09942	.14734	-.00024	-.00241	.00017	-.02383	.00248	-.90154	.34633
.517	49.951	-.23454	-.09666	.14275	-.00846	.00166	-.00031	.01902	.01374	-.94184	.34058
2.177	74.943	-.15777	-.08964	.13914	.00390	-.00595	.00081	.08390	.01157	-1.00210	.32268
.323	100.060	-.14197	-.08300	.13566	-.01461	.00268	-.00133	.01444	-.00026	-.93087	.33029
-1.849	124.980	-.20048	-.06713	.15211	-.01535	.00031	-.00101	-.05143	.02181	-.86390	.30103
-.704	149.950	-.21681	-.06128	.15652	-.00311	-.00239	-.00002	-.01236	-.00881	-.90216	.33885
1.143	174.980	-.16079	-.07112	.14616	-.00474	-.00265	.00006	.03791	.01227	-.95176	.31170
-.780	199.880	-.17979	-.06533	.15123	-.02263	.00131	-.00091	.00456	.02759	-.91810	.29220
.720	250.020	-.13865	-.07308	.14725	-.02031	.00046	-.00089	.05202	.01000	-.96472	.30907
-1.912	300.130	-.19730	-.06077	.16944	-.00937	-.00163	-.00068	-.05168	.01539	-.86093	.30225
.541	400.050	-.18381	-.04742	.18312	-.00669	.00022	-.00077	.01160	-.00131	-.92782	.32205
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 378/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.091	-100.110	.00734	-.09577	.14258	-.02310	.01839	-.00426	-.06615	.05989	-.84951	.26487
48.596	-50.071	-.14806	-.08173	.18068	-.00690	.01881	-.00360	-.04786	-.03517	-.87515	.35969
49.874	-.126	-.15461	-.08264	.16414	-.00985	-.00286	-.00112	-.00797	.06648	-.92152	.26704
50.155	24.863	-.15344	-.06974	.16602	.00178	.00120	-.00180	.01963	-.00936	-.94959	.34706
50.841	49.896	-.11553	-.07029	.15881	-.01005	.00184	-.00156	.03486	.00826	-.96196	.32364
49.273	74.920	-.13451	-.06433	.16091	-.01001	.00223	-.00136	-.01749	-.00142	-.91015	.32921
49.052	99.928	-.15776	-.06101	.16407	-.01582	.00366	-.00193	-.02004	.01658	-.90647	.31079
51.646	124.970	-.08450	-.07474	.15029	-.01362	.00453	-.00172	.09738	-.00628	-1.02440	.33098
48.166	149.970	-.14586	-.06204	.16197	-.01208	.00252	-.00089	-.05517	.01398	-.87186	.31195
48.858	174.980	-.17515	-.05996	.16491	-.01375	.00097	-.00157	-.03302	-.00090	-.89323	.31826
50.191	199.870	-.16409	-.05798	.16614	-.01303	-.00274	-.00140	-.00982	.01117	-.91610	.31015
50.136	250.010	-.14501	-.06043	.16810	-.01514	.00290	-.00242	.00125	.00706	-.92618	.31123
48.468	300.170	-.18938	-.04904	.18875	-.03544	.00898	-.00439	-.03953	.01869	-.88392	.29682
49.511	400.090	-.20782	-.03809	.21481	-.01579	.00290	-.00182	-.04636	.01890	-.88183	.29681
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT503) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 385/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.170	400.230	-.20738	-.04661	.19460	-.01438	.00657	-.00275	.00900	.01341	-.96987	.29126
.464	300.150	-.16931	-.06240	.16860	-.02995	.00468	-.00364	.01345	.03066	-.97043	.27646
-1.095	250.040	-.19577	-.06042	.16436	-.02929	.00431	-.00352	-.04215	.01222	-.91593	.29240
-.915	200.100	-.21899	-.05731	.16444	-.02797	.00530	-.00342	-.00315	-.00896	-.95613	.31373
.238	175.090	-.19623	-.06553	.15783	-.01685	.00251	-.00294	-.02093	.02380	-.93950	.28422
.278	150.140	-.17297	-.07323	.14716	-.02583	.00767	-.00368	-.00088	.02166	-.96048	.28474
-1.103	125.130	-.19992	-.07186	.15355	-.02946	.00561	-.00369	-.04721	.03692	-.91486	.27168
-1.753	100.180	-.24861	-.06997	.15843	-.02505	.00348	-.00340	-.04821	.02781	-.91495	.29099
-.090	75.073	-.23502	-.08168	.15507	-.00604	.00050	-.00161	-.01623	.02005	-.94880	.30480
.800	50.041	-.19062	-.09457	.14660	-.00861	.00338	-.00278	.02161	.01248	-.98787	.31462
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 388/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.896	400.220	-.22543	-.03359	.22137	-.02146	.00876	-.00419	-.01660	.00835	-.94622	.29296
49.062	300.260	-.24213	-.03981	.20424	-.02967	.00146	-.00374	-.0311E	.03795	-.92934	.26405
51.377	250.190	-.18222	-.05300	.17929	-.01983	.00380	-.00257	.05380	.00850	-1.01480	.29704
50.853	200.050	-.14127	-.06038	.16492	-.02703	.00679	-.00341	.07433	-.00448	-1.03580	.31160
49.903	175.050	-.12956	-.06883	.15925	-.02997	.00786	-.00382	.01796	-.00348	-.98018	.31011
48.934	150.050	-.16309	-.06109	.16817	-.02942	.00634	-.00326	-.04608	.03402	-.91634	.27363
50.516	125.110	-.13865	-.06199	.16434	-.02217	.00323	-.00262	.03874	.01805	-1.00040	.29234
49.765	100.150	-.13392	-.06505	.16752	-.02272	.00356	-.00307	.02091	.01625	-.98285	.29661
49.662	75.149	-.13982	-.06230	.16571	-.02952	.00534	-.00316	.05054	.01551	-1.01260	.29870
49.671	49.979	-.13736	-.06663	.16533	-.01413	.00008	-.00208	-.03181	.00401	-.93151	.31417
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT504) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 386/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.494	25.202	-.22865	-.10630	.14921	-.02881	.00436	-.00352	-.09897	.02814	-.87164	.30941
.651	.064	-.19708	-.10229	.16409	-.01986	.00282	-.00343	.03445	-.00082	-1.00030	.32908
1.371	-50.032	-.15953	-.07994	.17547	-.00856	.00368	-.00236	.06447	.00249	-1.02670	.31505
.147	-100.100	-.09067	-.07661	.16895	-.01849	.00565	-.00344	.00587	.01432	-.96270	.29576
1.504	-200.010	.08035	-.19498	.13678	-.01562	.00528	-.00476	-.02740	.01566	-.93608	.30415
-2.227	-100.020	-.09453	-.07802	.16880	-.02266	.00602	-.00363	.04495	.01955	-1.00270	.29239
-2.350	-49.979	-.15896	-.08218	.17385	-.00911	.00205	-.00217	-.08459	.01573	-.87883	.30212
.381	.167	-.21729	-.09811	.16715	-.02686	.00395	-.00395	.01517	.02466	-.98282	.30811
-.558	25.225	-.22519	-.10642	.14801	-.01913	.00262	-.00309	-.03558	.00789	-.93662	.32766
-.194	50.153	-.24126	-.08782	.15189	-.01631	.00482	-.00319	.02642	.01358	-.99638	.31476
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 380/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.433	25.287	-.12089	-.03405	.14346	.03761	.04691	-.00266	-.04088	.03535	-.88878	.30619
-.376	.178	-.11227	-.03733	.14116	.04418	.04149	-.00085	-.00755	.01157	-.91732	.32617
-.639	-50.057	-.10766	-.04428	.14359	.05590	.02875	.00126	-.01566	.00505	-.90308	.32940
-.388	-100.010	-.09339	-.05273	.15076	.07561	.01109	.00432	-.01135	.01699	-.90182	.31026
-.755	-199.990	.04269	-.10542	.14892	.05508	-.03624	.01585	.00193	.02171	-.89751	.32065
-.186	-99.891	-.09853	-.05038	.15276	.07643	.01050	.00457	.00245	.00606	-.89767	.31699
-.426	-50.065	-.10865	-.04298	.14423	.06419	.02741	.00212	-.00296	-.01631	-.89052	.34738
-.202	.085	-.11025	-.03539	.14227	.05060	.04193	-.00140	.00144	-.01310	-.89354	.34655
-.838	25.112	-.12729	-.02907	.14751	.04392	.04260	-.00309	-.02569	.01448	-.86177	.30985
1.426	50.095	-.06837	-.03117	.13545	.04891	.04247	-.00407	.03292	-.00773	-.91766	.31246
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT505) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 387/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.052	75.199	-.20610	-.08447	.14731	-.02432	.00808	-.00321	-.03861	.01644	-.92457	.30796
-.466	100.220	-.21782	-.07542	.15434	-.01466	.00108	-.00313	-.00398	.02791	-.95894	.29100
-.915	124.970	-.25081	-.06125	.16305	-.02675	.00466	-.00357	-.01922	.02969	-.94299	.28433
2.420	150.060	-.15310	-.07530	.14699	-.02128	.00381	-.00315	.07154	.00856	-1.03320	.30146
-1.443	175.100	-.19599	-.06496	.15677	-.02714	.00668	-.00368	-.03662	.01751	-.92448	.29067
1.686	200.080	-.12283	-.07677	.14275	-.02150	.00106	-.00213	.04543	.02749	-1.00640	.27955
-2.268	250.010	-.19649	-.05907	.16349	-.02413	.00460	-.00328	-.02742	.01411	-.93268	.29259
-.601	300.220	-.20318	-.05788	.17742	-.02397	.00173	-.00296	-.01980	.02297	-.93945	.28341
-.299	400.090	-.21521	-.04487	.19785	-.01762	.00668	-.00281	-.00730	-.00233	-.95723	.30802
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 390/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.227	75.125	-.15674	-.05726	.17112	-.01517	.00479	-.00351	-.00478	.00467	-.95093	.30798
50.908	100.100	-.11186	-.06853	.15866	-.01792	.00555	-.00330	.03248	.01291	-.98968	.29810
48.683	125.090	-.14891	-.06402	.16398	-.01856	.00811	-.00362	-.04239	.01070	-.91605	.29849
50.424	150.150	-.12401	-.06773	.16192	-.01359	.00279	-.00240	.00984	.01551	-.96879	.29233
48.416	175.100	-.17510	-.05874	.16796	-.02206	.00400	-.00314	-.03906	.03060	-.91987	.27646
49.884	200.050	-.17212	-.05716	.16975	-.02563	.00610	-.00422	-.03175	.03681	-.92697	.26910
50.326	250.040	-.15209	-.05762	.17292	-.02384	.00493	-.00388	.02278	.02572	-.98111	.27915
48.791	300.110	-.18427	-.05086	.18996	-.02844	.00974	-.00514	-.03439	.00598	-.92341	.29691
48.482	400.230	-.23875	-.03209	.22482	-.01929	.00702	-.00349	-.04195	-.00304	-.91888	.30504
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT506) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 413/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.268	400.180	-.19938	-.05148	.20072	-.00502	.00101	.00024	.00338	.00524	-4.94200	.31611
-1.390	300.130	-.24260	-.04754	.18488	-.01590	-.00098	-.00024	-.04269	.02709	-4.89650	.29700
-.013	250.160	-.23029	-.05484	.17149	-.01066	-.00059	.00035	.00422	.00819	-4.94350	.31590
-.268	200.070	-.22479	-.06494	.15938	-.01296	.00032	-.00037	-.01632	.01220	-4.92390	.31286
.270	175.200	-.19130	-.07762	.14836	-.00491	-.00023	.00003	.01058	.00432	-4.94510	.31923
.108	150.050	-.16085	-.08365	.14680	-.00699	-.00158	-.00021	.01892	.00782	-4.94450	.31287
-.620	125.070	-.17136	-.08997	.14449	-.01856	.00062	-.00120	-.03442	.01849	-4.89710	.30575
-2.630	100.130	-.24773	-.08803	.16122	-.00982	-.00397	.00066	-.08138	.01161	-4.85390	.31672
-.264	75.207	-.24054	-.09707	.15430	.00047	-.00599	.00221	-.01832	-.00165	-4.91890	.33400
-1.071	50.006	-.25599	-.10911	.15608	-.00353	-.00[illegible]00	.00211	-.07105	.03290	-4.86870	.30324
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 416/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.041	400.260	-.24889	-.02872	.22962	-.00564	.00320	-.00071	-.03425	-.00099	-4.92980	.30973
50.604	300.110	-.19878	-.05351	.19605	-.03031	-.00369	-.00151	.00827	.05118	-4.96560	.26282
49.859	250.120	-.19386	-.05685	.18343	-.01390	.00482	-.00103	.01225	-.00677	-4.96990	.31862
50.269	200.040	-.17323	-.06512	.17424	-.01646	-.00380	-.00082	-.00439	.03734	-4.95440	.27688
49.732	175.080	-.17389	-.06396	.17645	-.01019	.00076	-.00079	.00737	-.00340	-4.96620	.31819
50.094	150.070	-.16371	-.06567	.17216	-.01365	-.00100	-.00061	.01679	.01598	-4.97650	.30484
50.783	125.010	-.12306	-.07437	.16748	-.00777	-.00376	.00037	.01844	.01410	-4.97930	.30369
48.495	100.110	-.16341	-.07239	.17518	-.00572	-.00655	.00087	-.07652	.01104	-4.88530	.30804
46.126	75.169	-.16797	-.07803	.17332	-.01322	.00010	-.00020	-.08753	.01160	-4.87730	.30746
52.327	50.090	-.06753	-.10786	.14579	-.00658	-.00593	.00211	.07405	.04256	-5.04410	.27847
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT507) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 440/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.630	400.120	-.20999	-.05067	.20496	-.02120	.00892	-.00242	.01607	.00096	-4.97350	.32544
.118	300.060	-.19575	-.05925	.17268	-.02781	.00199	-.00238	.00157	.04311	-4.96070	.28659
.035	249.990	-.17853	-.06836	.15541	-.01609	-.00034	-.00137	-.00330	.0[illegible]308	-4.95760	.32247
-1.449	199.950	-.21554	-.06932	.15697	-.02927	.00331	-.00232	-.05233	.02747	-4.90970	.30578
-.610	175.060	-.22235	-.07378	.15322	-.01736	.00132	-.00182	-.02389	.00243	-4.93940	.33195
.675	150.070	-.18365	-.08315	.14967	-.02060	.00179	-.00241	.01410	.01521	-4.97870	.31712
-1.340	124.930	-.21332	-.08712	.15190	-.01806	.00146	-.00253	-.04722	.00637	-4.91860	.32910
-.804	100.020	-.22938	-.08984	.15544	-.02272	.00185	-.00184	-.00333	.02136	-4.96440	.31730
-1.747	74.934	-.27131	-.09128	.16609	-.00867	-.00209	-.00065	-.06978	.00491	-4.89970	.33550
-.608	49.919	-.27220	-.10298	.16373	-.02600	-.00343	-.00119	-.02935	.03580	-4.94280	.30920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 443/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.663	400.250	-.25309	-.02565	.22845	-.01689	.00598	-.00264	-.01965	-.01112	-4.94220	.34285
49.474	300.110	-.25046	-.04191	.20873	-.01871	.00021	-.00246	-.02975	.02746	-4.93140	.30386
50.822	249.960	-.20660	-.05553	.18672	-.03142	-.00455	-.00217	.03409	.03507	-4.99250	.29418
51.456	199.980	-.13572	-.07127	.16586	-.01976	-.00281	-.00135	.07058	.01736	-5.02490	.31412
48.084	174.920	-.19319	-.06032	.17961	-.02432	.00316	-.00264	-.05469	.01995	-4.89520	.30853
51.865	149.900	-.11212	-.07308	.16814	-.01512	.00021	-.00216	.05953	-.00980	-5.00550	.34045
46.942	125.010	-.21134	-.05881	.18326	-.00973	-.00672	-.00043	-.09329	.02653	-4.84930	.30584
51.743	99.975	-.13646	-.07064	.17297	-.01410	.00028	-.00120	.05530	.02188	-4.99470	.30203
47.196	75.042	-.26145	-.02248	.20053	-.05763	.00739	-.00639	-.07974	.04641	-4.85810	.28292
48.325	50.044	-.27074	-.05276	.20039	-.03976	.01887	-.00322	-.03666	-.04006	-4.89890	.36894
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT508) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	-4.000	BETAB	=	.000
Y	=	.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 414/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.412	25.223	-.22571	-.11342	.16126	-.01691	-.00524	.00019	-.05973	.02154	-4.87280	.31263
.812	.073	-.19911	-.09401	.17902	-.00964	-.00198	-.00009	.04429	.00108	-4.96750	.32013
1.925	-50.035	-.16251	-.06629	.19008	.00834	.00150	.00071	.07351	-.01690	-5.00420	.33445
1.788	-100.110	-.12645	-.04231	.18354	.00220	-.00367	.00118	.07463	.03091	-5.00860	.29453
-.067	-150.150	-.07667	-.07118	.17305	-.00605	-.00707	.00144	-.00093	.02403	-4.91850	.29772
-1.174	-100.020	-.13139	-.04424	.18621	-.00115	-.00262	.00061	-.02611	-.00041	-4.89350	.32218
1.203	-49.799	-.16506	-.06437	.19014	.00918	.00048	.00045	.00956	-.00459	-4.95580	.32924
-1.626	.091	-.20325	-.08850	.18204	-.00182	-.00193	.00046	-.08551	.03932	-4.88060	.29275
-1.223	25.137	-.22727	-.10013	.17329	-.00810	-.00410	-.00004	-.04390	.01679	-4.92500	.32098
-1.656	50.082	-.26491	-.11088	.15627	-.01348	-.00712	.00131	-.06023	.01555	-4.90920	.32121
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 417/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.734	25.042	-.05033	-.12520	.14143	-.00129	-.00856	.00117	-.01019	.00302	-4.98820	.32442
46.121	-.016	-.19774	-.08302	.18315	.00697	-.00877	.00153	-.08195	-.00416	-4.91310	.33106
50.784	-49.904	-.20579	-.02958	.19887	.03544	.01375	-.00175	.06604	-.07979	-5.04770	.40205
51.197	-100.110	-.03393	-.04433	.13426	.00650	.01423	-.00181	.03044	-.02250	-5.01050	.34888
52.409	-150.050	.07202	-.07253	.09811	.00000	.00400	-.00080	.09919	.02722	-5.07940	.30802
46.214	-100.030	-.09467	-.02836	.14812	.02232	-.00035	.00077	-.09360	-.01008	-4.88910	.33918
50.350	-49.890	-.04260	-.05882	.15327	.02624	.00179	-.00179	-.01722	-.00879	-4.96770	.33877
52.947	.065	-.14242	-.10357	.18803	.01494	-.02448	.00477	.06462	.06558	-5.06610	.26075
50.008	25.027	-.12037	-.10748	.16072	-.00136	-.00499	.00025	.03519	-.00112	-5.01800	.32463
48.372	50.058	-.18547	-.09095	.17536	-.01005	-.00765	.00012	-.02638	.01137	-4.96310	.32288
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT509) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 441/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.370	25.028	-.22102	-.09473	.17652	-.01612	.00002	-.00199	-.04391	.01016	-4.92510	.33094
.253	-.013	-.20939	-.08612	.18538	-.01594	.00552	-.00202	.01035	.00602	-4.97860	.33025
1.442	-50.062	-.17441	-.05807	.19150	.00659	.00152	-.00105	.06752	-.00631	-5.03040	.34162
1.623	-100.160	-.12761	-.04129	.18102	-.00316	.00262	-.00118	.06067	.01448	-5.01980	.31975
.595	-150.230	-.07793	-.06710	.16697	-.00877	-.00486	.00008	.00209	.03086	-4.96260	.30542
-.986	-100.100	-.12279	-.04191	.18028	-.00984	.00158	-.00161	-.01701	.00423	-4.94290	.33051
.426	-50.110	-.16102	-.05958	.19067	.00315	.00143	-.00101	.01168	.00851	-4.97540	.32389
-.149	-.077	-.20545	-.08711	.18366	-.01126	.00175	-.00146	-.01170	.01437	-4.95780	.32386
-.948	25.022	-.21764	-.09675	.17567	-.02675	.00120	-.00284	-.03200	.02952	-4.93820	.31541
-1.551	49.897	-.25387	-.10810	.15974	-.02352	-.00276	-.00087	-.06557	.02068	-4.90910	.32830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 444/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.277	25.162	-.11052	-.10319	.16790	-.01353	-.00140	-.00090	.08950	-.02564	-5.05670	.36117
51.723	-.133	-.03500	-.11655	.14738	.00190	-.00895	.00208	-.00343	.01855	-4.95870	.30979
45.686	-50.171	-.21020	-.04365	.20922	-.01405	.04872	-.00559	-.07112	-.09561	-4.87230	.42693
48.430	-100.230	-.07323	-.03463	.15533	.00445	.00475	-.00154	-.05715	.04078	-4.87760	.29259
49.743	-150.100	-.05869	-.05037	.14654	-.01005	.01088	-.00262	-.05298	.03139	-4.87780	.29317
48.525	-100.140	-.12155	-.02398	.16141	-.02331	.01912	-.00384	-.02480	.01295	-4.90420	.31635
46.382	-49.977	-.21373	-.03754	.20571	.03102	-.01635	-.00133	-.08684	.03882	-4.86760	.29331
54.264	.009	-.02201	-.11541	.15480	-.00201	.00699	-.00064	.07334	-.01597	-5.05300	.35383
51.929	25.105	-.16291	-.10061	.17615	-.00707	-.00718	.00011	.05640	.01079	-5.03590	.32949
47.728	49.876	-.05602	-.11337	.14381	-.00739	-.00349	.00035	-.04013	.00695	-4.93100	.33331
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT510) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 415/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.008	75.270	-.24397	-.09588	.15640	-.00525	-.00462	.00092	-.08266	-.01937	-4.87920	.34344
1.019	100.220	-.21623	-.09208	.15576	-.00765	-.00891	.00095	.02992	.02519	-5.00210	.29881
-.467	125.000	-.22625	-.08479	.15194	-.01790	.00268	-.00167	-.01077	-.01529	-4.95850	.34590
-.361	150.110	-.23707	-.07069	.16056	-.00808	-.00237	-.00059	.03301	.01280	-4.99890	.31388
1.426	175.060	-.17499	-.07914	.14810	-.02255	.00249	-.00150	.04227	.01808	-5.00550	.30695
-1.965	199.940	-.24159	-.06118	.16309	-.01923	-.00150	-.00102	-.02309	.02334	-4.93780	.29529
.295	250.030	-.22290	-.05959	.16583	-.00957	.00085	-.00048	.00833	-.00433	-4.96670	.32004
-.453	300.150	-.24406	-.04815	.18282	-.00980	-.00198	-.00022	-.01813	.01430	-4.94630	.30836
.539	400.130	-.20567	-.05186	.20196	-.00354	.00082	.00006	.01721	-.00112	-4.97720	.31407
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 418/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.073	75.258	-.18218	-.07165	.16967	-.03092	.00070	-.00070	-.05036	.03103	-4.92500	.29195
50.094	100.040	-.17494	-.06717	.17464	-.00639	-.01053	.00137	.02096	.01700	-4.99580	.31647
50.306	125.010	-.15550	-.06961	.17586	-.01474	.00198	-.00166	.00964	-.00018	-4.98430	.32684
50.408	150.140	-.13027	-.07472	.16869	-.01825	.00143	-.00180	.01282	.01484	-4.98790	.31203
49.204	175.040	-.15150	-.06977	.16894	-.01223	-.00090	-.00098	-.03030	.01030	-4.94440	.31939
48.684	200.210	-.18478	-.06411	.17810	-.01214	.00090	-.00164	-.03849	.00973	-4.93050	.31719
49.471	250.080	-.20056	-.05719	.18397	-.01774	-.00855	-.00057	-.02470	.03778	-4.94680	.28410
48.563	300.120	-.24363	-.04507	.20130	-.01197	.00016	-.00141	-.03715	-.01333	-4.93170	.33220
49.867	400.210	-.25206	-.02696	.22957	-.00964	.00506	-.00238	-.00986	-.00225	-4.95740	.32029
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT511) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 442/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.322	75.045	-.23016	-.09578	.15748	-.01544	-.00185	-.00093	.01353	-.00875	-4.98510	.35255
.010	99.961	-.22218	-.09315	.15568	-.01556	-.00412	-.00138	.00054	.01628	-4.97120	.32313
.036	125.050	-.22197	-.08298	.15525	-.01465	.00012	-.00176	.01131	.01830	-4.98050	.32486
-.706	149.950	-.24037	-.07237	.16197	-.01570	.00239	-.00253	-.00656	.01268	-4.96110	.32894
.424	175.070	-.21705	-.07254	.15721	-.02299	.00226	-.00273	.00030	.02795	-4.96720	.31262
-1.559	199.870	-.26894	-.05666	.17073	-.01953	.00219	-.00202	-.03186	.00006	-4.93440	.33480
2.283	249.900	-.17707	-.07037	.15596	-.02344	.00033	-.00203	.06650	.02235	-5.03140	.31815
-1.244	300.090	-.21980	-.05411	.17733	-.01715	-.00121	-.00153	-.01857	.02675	-4.94560	.31164
-.231	400.040	-.21166	-.05061	.20681	-.00842	.00441	-.00112	-.01052	-.00883	-4.95170	.34024
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 445/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.462	75.031	-.05401	-.09466	.15245	-.02969	.02839	-.00401	-.02782	-.02540	-4.93130	.36131
47.116	100.080	-.14616	-.07842	.16916	-.01505	-.00510	-.00090	-.07723	.06890	-4.87780	.26379
49.150	124.860	-.17610	-.06416	.17883	-.00596	.00030	-.00219	-.02581	-.00794	-4.92650	.33785
50.740	150.050	-.13826	-.07277	.16711	-.01142	.00012	-.00169	.02596	.01026	-4.97720	.31823
49.415	174.850	-.15421	-.06751	.17148	-.01801	.00329	-.00277	-.00803	.01760	-4.94320	.31172
49.874	200.090	-.16481	-.06634	.17367	-.02698	.00492	-.00308	.00794	.01947	-4.97380	.31161
49.400	250.170	-.19188	-.06034	.18370	-.01501	-.01011	-.00011	-.02497	.03347	-4.95280	.29988
49.553	300.080	-.19887	-.05402	.19521	-.03382	.00261	-.00373	-.00990	.01663	-4.96400	.32160
48.965	400.180	-.23853	-.02976	.22811	-.01526	.00647	-.00271	-.02412	-.02008	-4.94560	.35156
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT512) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 459/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
75.337	400.210	-.20972	-.02566	.22378	-.01550	-.00029	-.00029	-.01083	.01715	-8.96370	.28730
73.446	300.110	-.22943	-.04561	.22657	-.03084	-.00066	-.00088	-.05871	.04039	-8.91480	.26606
74.733	250.060	-.21361	-.05692	.21881	-.01180	.00010	-.00016	.00226	-.01135	-8.96900	.31563
73.305	200.070	-.25453	-.06177	.22669	-.00766	-.00673	.00093	-.06621	.02789	-8.89930	.27774
76.408	175.050	-.18993	-.07326	.21144	-.03552	.00155	-.00123	.03082	.03902	-8.99160	.26402
74.261	150.040	-.19815	-.08011	.20811	-.03592	.00405	.00035	-.00814	.01737	-8.95350	.28809
74.556	125.060	-.25157	-.08918	.20092	.01800	-.00508	.00357	-.01948	.00987	-8.95070	.28963
74.792	100.060	-.24053	-.10383	.20165	-.00178	-.00645	.00347	-.02461	.02858	-8.95130	.26701
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 456/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
97.741	400.150	-.20973	-.01374	.23429	-.00558	-.00264	.00024	-.06066	.01441	-8.94420	.30042
99.854	300.140	-.17616	-.04159	.22744	-.01086	-.00186	.00001	-.01973	.02372	-8.98310	.29359
99.595	249.960	-.15945	-.05226	.22161	-.00243	-.00351	.00015	-.01539	.00866	-8.97530	.30060
98.839	199.940	-.17961	-.05424	.22440	-.01185	-.00449	.00060	-.03905	.02520	-8.94760	.28323
99.775	175.080	-.16273	-.06073	.22142	-.00361	-.01121	.00107	-.00049	.02078	-8.97660	.28328
99.763	149.980	-.15759	-.06938	.21654	-.01975	-.00989	.00092	-.01486	.03467	-8.96500	.27232
98.641	125.100	-.18485	-.07047	.21936	.00496	-.01146	.00220	-.03573	-.01106	-8.93970	.31195
99.907	100.050	-.18187	-.07823	.20233	.00113	-.00701	.00153	-.01107	.00779	-8.96930	.29146
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT513) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 469/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.470	400.030	-.20262	-.01000	.23036	.01652	.00105	-.00258	.01332	.02008	-8.98460	.31197
99.646	300.050	-.17983	-.03867	.22586	-.00861	-.00414	-.00067	-.07900	.02863	-8.89430	.30549
100.220	250.050	-.15246	-.05029	.21894	-.01708	.00033	-.00102	-.00055	.01162	-8.97250	.32410
99.191	199.900	-.16316	-.05578	.21967	-.01705	-.00181	-.00120	-.03041	.01830	-8.94140	.31790
99.810	174.920	-.15371	-.06299	.21768	-.02344	.00113	-.00192	-.03577	.02338	-8.93590	.31208
99.298	149.900	-.16699	-.06464	.21574	-.03502	.00423	-.00204	-.02328	.02239	-8.94730	.31307
99.149	124.970	-.18877	-.06817	.20984	-.00173	-.00686	.00040	-.03703	.00201	-8.93650	.33500
99.778	99.911	-.17962	-.07464	.20496	-.01534	-.00227	-.00001	-.01321	.02112	-8.95490	.3[illegible]540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT514) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 457/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.716	74.990	-.21032	-.07440	.22346	-.00825	-.00125	.00119	-.00821	.01520	-8.97410	.28458
99.591	50.036	-.19657	-.07893	.24036	-.00184	-.00127	.00101	-.01049	.00826	-8.96380	.29074
99.821	25.103	-.19544	-.07460	.26331	-.00659	.00609	-.00180	-.00916	-.01579	-8.96760	.31595
100.160	-.078	-.18033	-.06771	.28088	-.00325	.00244	-.00071	.00165	.01988	-8.97270	.27702
99.176	24.970	-.19700	-.07575	.26361	-.00904	.00498	-.00143	-.02923	.00586	-8.94640	.29085
99.648	50.017	-.20687	-.07836	.24454	-.00250	.00267	-.00018	-.01732	.02803	-8.96500	.27442
99.487	75.069	-.21791	-.07507	.22543	.00098	-.00603	.00261	-.01126	.01704	-8.96710	.27960
100.600	100.050	-.17785	-.07938	.20042	.00469	-.00847	.00251	.03808	.01967	-9.00510	.27382
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT515) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 470/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.070	74.919	-.18572	-.07727	.21978	-.00426	-.00389	.00103	-.00215	.01591	-8.97490	.31216
99.124	49.979	-.19881	-.07865	.24061	-.00885	.00198	-.00047	-.03072	.00948	-8.94710	.32003
99.921	24.902	-.19506	-.07127	.26083	-.01106	.00653	-.00262	.00207	.00768	-8.97770	.32176
100.380	-.166	-.17549	-.06498	.27646	-.00150	.00121	-.00155	.00901	.00440	-8.98320	.32469
99.216	24.880	-.18819	-.07461	.25932	-.01114	.00819	-.00308	-.02821	.01545	-8.94750	.31597
99.870	49.926	-.19316	-.07675	.24146	-.00440	.00308	-.00082	-.01161	.04115	-8.96790	.29232
100.000	74.875	-.19190	-.07626	.21969	-.00428	-.00058	.00098	.01768	.00804	-8.99540	.31873
99.812	99.878	-.18374	-.07590	.20418	-.01107	-.00456	.00020	.00786	.02687	-8.97680	.30683
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT516) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 460/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
73.308	125.240	-.22200	-.09945	.19611	.02192	-.00046	.00364	-.06855	-.03670	-8.90950	.33970
75.895	150.060	-.18889	-.09052	.19528	-.02408	-.00128	.00069	.04183	.06867	-9.01800	.24083
75.400	175.000	-.17562	-.07985	.20119	-.01117	-.02719	.00402	.01770	.03685	-8.99080	.26921
74.790	200.120	-.20782	-.06737	.21448	-.02815	.02460	-.00337	-.00764	.00252	-8.96560	.30877
75.191	250.120	-.19775	-.06434	.21163	-.00589	-.00205	-.00009	-.00275	.03743	-8.97270	.27216
75.235	300.150	-.19060	-.05438	.21424	-.01719	.00353	-.00120	.03122	-.00066	-9.00700	.30859
72.453	400.170	-.29941	-.00739	.24716	-.02187	.00127	-.00138	-.05315	.02122	-8.91570	.27964
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT516) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 458/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.712	125.100	-.19089	-.06754	.21828	-.00430	.00055	-.00012	-.00684	.00337	-8.96880	.29890
100.930	149.930	-.15086	-.06662	.21633	-.01637	.00021	.00004	.03817	.00982	-9.00950	.29431
99.350	175.020	-.16469	-.06128	.22072	-.00316	-.01238	.00273	-.02716	.02501	-8.94390	.28089
100.390	199.960	-.14804	-.05719	.21851	.00710	-.00590	.00146	.01287	-.00908	-8.98390	.31722
99.860	250.070	-.15015	-.05186	.21852	-.00047	-.00226	.00001	-.00284	.00502	-8.96850	.29981
99.347	300.070	-.16735	-.04140	.22499	-.00552	-.00197	-.00030	.00044	.00799	-8.96730	.29527
99.735	400.080	-.18383	-.01603	.22819	-.01261	-.00108	-.00071	.02143	.01667	-8.98070	.28201
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT517) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 471/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.838	124.960	-.18448	-.06670	.21401	-.01913	.01415	-.00290	-.00608	-.01298	-8.96860	.34372
100.730	149.930	-.14789	-.06678	.21347	-.01986	-.00399	-.00064	.03414	.04296	-9.00420	.29370
99.204	174.930	-.17092	-.05921	.22066	-.01698	.00245	-.00184	-.01244	-.02523	-8.95650	.36148
100.200	199.860	-.16191	-.05393	.21796	-.00927	.00131	-.00108	.00481	.00964	-8.97380	.32363
100.300	249.940	-.15465	-.05107	.21832	-.00697	.00029	-.00128	.00796	.01021	-8.98320	.32772
99.940	300.100	-.15817	-.04323	.22184	-.01155	.00265	-.00201	-.00105	.01026	-8.97470	.32467
99.436	399.970	-.19490	-.01316	.22823	-.01430	.00036	-.00156	.00668	.02824	-8.97790	.30529
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT518) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 511/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.195	-2.504	-.13377	-.02508	.16933	.00468	-.00347	.00077	-.00331	.00175	-.52618	4.14190
-.140	97.460	-.13801	-.01436	.19085	.01545	-.00429	.00100	-.00352	-.00100	-.52859	4.15250
-.474	197.530	-.15784	.00169	.21398	.00857	-.00335	.00165	-.01152	.01791	-.52536	4.13370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.0000C	.00000	.00000

RUN NO. 512/ 0 RN/L = 1.56 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.009	197.480	-.15523	.00652	.20639	.00265	-.00307	.00047	.00306	.04586	-.53899	4.09680
49.512	97.393	-.15112	-.00690	.19101	-.00558	-.00077	-.00097	-.02665	.01922	-.50679	4.11830
49.735	-2.505	-.13712	-.02082	.17104	-.00140	-.00477	.00048	-.00896	.00807	-.52098	4.12620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 513/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.825	-2.694	-.13707	-.01671	.17281	.01381	-.00861	.00174	-.00214	-.00749	-.52796	4.13970
99.472	97.428	-.16003	-.00129	.19143	-.01754	.00292	-.00243	-.01626	.05840	-.51590	4.08100
100.090	197.440	-.16372	.01418	.20177	-.00065	-.00236	-.00028	.01118	.02413	-.54408	4.11990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 514/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.030	197.380	-.12572	.01995	.18290	-.00292	-.00409	-.00021	.04850	.01631	-.57549	4.11510
198.350	97.435	-.16016	.01421	.18951	-.00673	-.00268	.00001	-.05471	.00547	-.47254	4.12090
200.530	-2.685	-.12257	.00268	.18494	-.00949	-.00441	.00092	.00429	.02878	-.53289	4.09910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT519) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 547/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.456	-2.499	-.19442	-.06150	.16053	-.00465	.00027	-.00092	-.02683	.02564	-.91832	4.33770
-.342	97.397	-.21552	-.04717	.16499	.00959	-.00481	.00024	-.00556	-.00526	-.94362	4.37030
.673	197.340	-.20499	-.02876	.18093	.00277	.00246	-.00039	.02419	.00975	-.97858	4.36540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 548/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.021	197.380	-.19974	-.02412	.18609	.02509	-.00272	-.00020	.01326	-.02375	-.96666	4.38670
48.998	97.428	-.20000	-.04858	.16417	-.00003	.00038	-.00059	-.04500	.03407	-.90440	4.31920
49.908	-2.625	-.18094	-.05865	.16770	-.02056	.00010	-.00224	-.01447	.03413	-.93068	4.32290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 549/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.150	-2.664	-.16692	-.05571	.17811	-.00941	-.00139	-.00060	.00294	.00702	-.94643	4.34200
99.459	97.432	-.19168	-.04499	.16690	-.01498	.00572	-.00192	-.01154	.02035	-.93556	4.32850
100.240	197.430	-.20053	-.02020	.18948	.01339	.00106	-.00051	.00814	-.02193	-.95856	4.37520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 550/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.850	197.420	-.17144	-.00734	.18548	-.02273	.00239	-.00185	.04573	.06022	-.98709	4.28800
199.850	97.410	-.15144	-.02143	.18163	-.01860	-.00490	-.00092	-.01541	.01884	-.92524	4.33090
200.090	-2.681	-.11270	-.04026	.19448	-.02223	.00165	-.00149	-.00727	.00784	-.93082	4.34580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT520) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 583/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.149	-2.491	-.19657	-.05709	.18148	.00877	-.00158	.00073	.01264	.00820	-1.16780	4.42800
-.914	97.408	-.21384	-.06706	.16177	.01114	-.00445	.00097	-.03590	.02147	-1.12280	4.41310
-.087	197.460	-.23454	-.04492	.16907	.00435	-.00327	.00030	.00360	.02800	-1.16620	4.40450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 584/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.742	197.420	-.23469	-.04309	.17340	.01953	-.00182	.00086	-.00431	-.01193	-1.15710	4.42630
49.757	97.356	-.22832	-.06084	.17001	.00434	.00048	.00033	-.01026	-.01638	-1.14830	4.43530
49.959	-2.646	-.21425	-.05068	.19275	-.00531	.00023	-.00049	.01401	.03445	-1.15950	4.38490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 585/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.750	-2.613	-.18135	-.04939	.20139	-.01734	.00575	-.00230	.02632	.02060	-1.17290	4.39520
98.805	97.455	-.21194	-.05802	.17796	.00032	.00109	-.00007	-.05159	.00378	-1.09890	4.40710
100.700	197.320	-.20611	-.04298	.17305	-.00548	.00113	-.00080	.02766	.01984	-1.18150	4.39710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 586/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.830	197.410	-.14834	-.02449	.18260	-.00527	-.00423	.00058	.08102	.00469	-1.22790	4.40070
198.930	97.386	-.15588	-.03447	.19596	-.02782	-.00243	-.00108	-.03733	.02500	-1.10850	4.38280
201.650	-2.675	-.07015	-.05048	.20925	-.00933	.00597	-.00148	.03662	-.01403	-1.17850	4.42850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT521) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 515/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.134	.388	-.14505	-.03942	.15024	.01257	-.00103	.00094	-.01022	.01118	-.53307	2.21570
.225	100.280	-.14404	-.02404	.18190	.02061	-.00061	.00098	.00813	.00733	-.55979	2.22640
.339	200.340	-.15513	-.00318	.18524	.01084	-.00763	.00294	.03845	.04046	-.60234	2.19120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 516/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.652	200.400	-.14627	-.00986	.16285	-.00899	-.00152	-.00079	-.02032	-.01795	-.54609	2.21170
48.833	100.380	-.14210	-.02783	.17883	.02209	.00033	.00139	-.04783	-.04340	-.50341	2.24930
49.300	.327	-.14301	-.04055	.15545	-.00306	-.00027	.00010	.01726	.02204	-.56311	2.17620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 517/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	.303	-.12265	-.04197	.15976	-.00377	-.00539	.00220	.01899	.01628	-.55756	2.18180
99.705	100.360	-.13740	-.02507	.17727	.01173	-.00436	.00239	.00283	.00347	-.54272	2.20140
100.810	200.370	-.12358	-.02633	.15526	-.01922	.00044	-.00086	.00227	.03430	-.56473	2.15660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 518/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.480	200.210	-.08280	-.00934	.17249	-.01287	-.00459	.00190	.05926	.00731	-.62262	2.19940
199.140	100.420	-.07779	-.00800	.17440	-.00591	-.00327	.00086	-.00299	.00524	-.52763	2.18930
199.830	.168	-.06091	-.01748	.18072	.00056	-.00523	.00165	-.00940	.00176	-.52147	2.19180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT522) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 551/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.469	.295	-.22672	-.07191	.16372	.00355	-.00159	.00043	-.02347	.03788	-.93800	2.35100
-.005	100.310	-.23147	-.06957	.14920	-.00123	.00542	-.00046	-.00803	-.00146	-.96128	2.39110
.512	200.290	-.22316	-.05245	.17167	.00490	.00170	.00042	.02920	.03732	-1.00390	2.34840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 552/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.135	200.150	-.19811	-.05339	.16758	-.01789	.00708	-.00169	.00278	.01615	-.96535	2.33800
49.000	100.400	-.20588	-.07129	.15120	-.00664	.00252	-.00089	-.02631	.00414	-.93387	2.37270
50.005	.323	-.18641	-.07661	.16804	.01159	-.00069	.00065	-.01165	.00095	-.94520	2.37800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 553/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.170	.287	-.17315	-.07014	.18240	.02005	-.00603	.00239	.01007	.02497	-.96439	2.34410
100.480	100.260	-.15913	-.06992	.15510	.00567	.00118	-.00028	.01390	-.00041	-.97161	2.37330
100.830	200.350	-.13758	-.05115	.17322	-.01444	.00129	-.00048	.03648	.02967	-.99157	2.32320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 554/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.400	200.270	-.02612	-.01712	.19454	-.01543	.00520	-.00098	-.02345	.00142	-.92629	2.36530
200.260	100.400	.01187	-.03987	.17812	.00665	-.00060	.00110	.01177	-.01998	-.96178	2.39190
197.430	.197	-.05097	-.03766	.21424	.01392	-.00268	.00172	-.07862	.01867	-.86720	2.36320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT523) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	2.000
Y =	100.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 587/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.187	.472	-.22533	-.08630	.17496	-.00231	.00203	-.00123	-.00048	.00885	-1.16120	2.43770
-.618	100.350	-.25070	-.07895	.15385	-.00590	.00106	-.00028	-.01327	.02145	-1.14950	2.42770
.035	200.310	-.26279	-.06116	.15185	-.00384	-.00059	-.00014	.01344	.01276	-1.17690	2.43930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 588/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
53.189	200.050	-.14641	-.06480	.15563	.00606	-.00040	.00139	.08690	-.00410	-1.24650	2.44580
50.255	100.330	-.23735	-.07954	.16347	.00032	-.00101	.00066	.00402	.00174	-1.16400	2.43930
50.501	.254	-.21161	-.07677	.18779	-.00640	.00320	-.00059	.01173	.02665	-1.17110	2.41410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 589/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.655	.288	-.15649	-.06532	.19575	-.00032	.00009	-.00000	-.03265	.01327	-1.12520	2.42690
98.385	100.380	-.19441	-.07974	.16812	.00695	-.00753	.00237	-.06355	.01397	-1.09730	2.41990
102.250	200.290	-.14379	-.05244	.16956	.02313	-.00439	.00334	.09482	-.03389	-1.25310	2.47780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 590/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.400	200.340	.00232	-.02008	.20696	-.00713	-.00041	.00044	-.01559	.01057	-1.13460	2.42200
199.320	100.450	.00556	-.03278	.20759	.01042	-.00459	.00139	-.03305	-.00884	-1.11630	2.45560
202.420	.232	.07819	-.02053	.19915	.02225	-.00871	.00169	.08410	-.00578	-1.23170	2.45050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT524) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 519/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.045	.370	-.13254	-.03566	.15916	-.00798	-.00003	-.00092	.02569	.01790	-.56494	2.20750
.045	100.290	-.14297	-.01685	.18441	.01385	-.00200	.00104	-.02086	-.01149	-.52701	2.24060
-.087	200.420	-.14857	-.00458	.20520	.00729	-.00143	.00061	-.01616	.02882	-.53441	2.20350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 520/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.361	200.340	-.14890	-.00144	.19964	.00802	-.00196	.00045	-.01055	-.01321	-.54376	2.24760
49.453	100.420	-.14380	-.01673	.18686	.00813	-.00141	.00008	-.02646	.01097	-.52713	2.20830
49.487	.268	-.13639	-.03181	.16475	-.00292	-.00197	-.00012	-.01332	.04146	-.53252	2.18200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 521/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.829	.356	-.13130	-.02918	.16932	-.01358	.00244	-.00085	-.00512	.00501	-.53940	2.21740
99.547	100.420	-.15161	-.01446	.18604	.01129	-.00400	.00120	-.00516	-.02236	-.54287	2.23510
100.400	200.260	-.14684	.00184	.19301	.01287	-.00234	.00062	.02356	-.00403	-.57173	2.22910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 522/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.160	200.250	-.10464	.00863	.17761	-.01320	-.00145	-.00051	.05272	.01156	-.59216	2.20900
198.570	100.320	-.13293	.00457	.18377	-.01407	-.00021	-.00042	-.05380	.00507	-.48551	2.21180
200.500	.236	-.08835	-.01166	.18294	-.01496	-.00212	.00094	-.00214	.03684	-.53666	2.18170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT525) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 555/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.251	.353	-.18696	-.07103	.16943	-.00677	.00738	-.00137	-.00042	-.00420	-.97293	2.40350
-.662	100.390	-.20959	-.06464	.15714	.02092	-.00295	.00059	-.01252	-.01123	-.96259	2.40740
-.079	200.270	-.22230	-.03606	.18181	.03209	.00008	.00112	.01751	-.00227	-.98637	2.39220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 556/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.756	200.320	-.21665	-.03550	.18025	.02800	-.00109	.00135	-.00152	.01721	-.95881	2.35850
49.943	100.380	-.18786	-.06342	.15739	.00112	.00331	-.00053	-.01933	.04894	-.94056	2.32770
48.955	.172	-.19831	-.06592	.18129	.00995	-.00077	.00080	-.03394	.02421	-.91923	2.35550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 557/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.740	.180	-.16698	-.06378	.18653	-.00508	.00089	-.00066	.02277	.02008	-.97573	2.35760
99.659	100.240	-.18676	-.05524	.16510	-.00913	.00467	-.00105	.00306	.01553	-.96001	2.35600
99.818	200.350	-.20815	-.03269	.18074	-.00147	.00351	-.00106	-.00237	-.00321	-.95742	2.37540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 558/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.420	200.200	-.13224	-.01592	.18638	-.00937	.00111	-.00097	.09419	-.00633	-1.04500	2.37660
199.650	100.260	-.11915	-.02827	.18791	-.01859	-.00208	-.00010	-.01824	.03698	-.93153	2.33710
200.170	.211	-.08493	-.04075	.20845	-.02660	.00218	-.00055	-.00342	.01870	-.94364	2.35330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT526) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 591/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.052	.398	-.20143	-.06806	.18722	-.00847	.00321	-.00038	.00584	.03159	-1.16400	2.42070
-1.100	100.360	-.23082	-.07150	.16128	.02082	-.00330	.00140	-.03677	.00470	-1.12300	2.43900
-.142	200.400	-.24574	-.05637	.15939	.01157	.00063	.00036	.00413	.01868	-1.16630	2.42480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 592/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.965	200.300	-.23564	-.05558	.16369	-.00924	.00580	-.00139	.00574	.00167	-1.16520	2.43210
49.794	100.290	-.20830	-.07790	.16599	.00507	.00275	.00065	-.01355	-.00395	-1.14410	2.43960
50.803	.262	-.18197	-.06618	.19148	.00462	.00863	-.00049	.03034	.00646	-1.18590	2.43200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 593/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.481	.204	-.19710	-.05365	.21306	.00320	.00428	-.00054	-.00567	-.00028	-1.14690	2.43280
99.569	100.320	-.19216	-.07248	.17619	-.00491	.00181	.00037	-.01510	.02966	-1.14000	2.39830
99.984	200.240	-.20987	-.05432	.16824	-.01832	.00305	-.00079	.00919	.02958	-1.16530	2.39740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 594/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.320	200.230	-.07265	-.03484	.18545	-.00243	-.00388	.00104	.00617	.00550	-1.15620	2.42690
198.290	100.380	-.10789	-.03562	.20440	-.03237	.00094	-.00093	-.02357	.03937	-1.12400	2.38980
200.990	.237	-.05955	-.03749	.22977	-.01092	-.00053	-.00038	.02309	-.01771	-1.16720	2.45640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT527) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 523/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.145	-.142	-.12426	-.06226	.15196	-.00925	-.00287	-.00042	-.00031	.01421	-.56418	.17093
-.924	99.718	-.15121	-.05832	.14931	-.00813	-.00035	.00085	-.02466	.00156	-.54302	.17490
-.902	199.820	-.17562	-.05590	.14565	-.00606	-.00005	.00051	-.03182	.01203	-.53606	.17148
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 524/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.375	199.780	-.15411	-.04967	.16559	.01885	-.00095	.00129	.01451	-.02720	-.57859	.21262
50.453	99.832	-.12760	-.05156	.16606	-.00627	.00014	.00000	-.00695	.06379	-.55505	.12185
50.246	-.344	-.10972	-.05189	.16179	-.00553	-.00185	.00015	.02882	-.00296	-.58929	.19629
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 525/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.580	-.195	-.05552	-.04300	.16621	-.00397	-.00651	.00082	.07458	.02266	-.63003	.17383
98.633	99.711	-.09623	-.03749	.17638	-.00528	.00719	-.00131	-.04523	-.00322	-.51286	.18702
99.921	199.940	-.08911	-.04152	.18042	.08784	-.06183	.01023	-.00048	-.05017	-.55904	.22790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 526/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.370	199.850	.03839	.00733	.20812	-.01548	-.00400	.00026	-.01551	-.01512	-.52877	.19701
200.410	99.809	.05585	.01299	.20171	-.02807	-.00215	-.00041	.02593	.01692	-.56897	.17639
199.650	-.132	.05713	.01444	.20289	-.02816	.00104	-.00026	.00362	.01598	-.54313	.18337
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT528) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 559/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.868	-.124	-.22639	-.10440	.15734	-.01799	-.00251	-.00070	-.06976	.01477	-.90311	.35998
1.332	99.893	-.20372	-.07798	.14824	-.00794	-.00286	.00034	.07143	.00984	-1.04200	.35817
-.132	199.640	-.21426	-.06008	.16024	-.01659	.00066	-.00051	.01850	.01016	-.98665	.34458
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 560/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.572	199.780	-.15608	-.05957	.16774	-.01948	.00118	-.00111	.04859	.01668	-1.01620	.33479
49.565	99.841	-.16167	-.06134	.16562	-.01499	.00053	-.00119	-.02260	.00479	-.94481	.35218
49.445	-.250	-.15089	-.08396	.16296	-.01020	-.00373	.00044	-.05077	.01200	-.92031	.35488
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 561/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
97.085	-.111	-.22299	-.07768	.19908	.00318	-.00572	.00130	-.07665	-.00092	-.88348	.36868
97.756	99.837	-.22243	-.04348	.18308	-.05089	.03551	-.00217	-.06161	-.07936	-.90212	.44224
102.480	199.690	-.12572	-.05291	.19475	-.01928	-.00038	-.00047	.07455	.06390	-1.04170	.28915
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 562/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.150	199.720	.13519	.02921	.21290	-.00104	-.00869	.00281	-.05057	.01576	-.90667	.33429
200.540	99.764	.13485	.05376	.21384	-.01171	.00665	-.00029	.03872	-.00330	-.99339	.36395
199.070	-.323	.14867	.02989	.24843	.00631	.00813	-.00148	-.03764	-.01309	-.91666	.36033
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT529) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 595/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.440	99.771	-.20675	-.09916	.14039	-.01167	-.00567	.00038	.05114	.03787	-1.21840	.39780
.236	199.800	-.21068	-.07669	.14312	-.01896	.00151	-.00168	.02507	-.00798	-1.19010	.43575
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 597/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.190	-200.260	.24782	-.25980	.06084	-.00585	.00187	.00020	-.06273	.01108	-1.10250	.41788
47.898	-.109	-.16915	-.09035	.16297	.00631	-.00064	.00001	-.07349	-.00198	-1.08970	.41935
51.782	49.843	-.00559	-.13016	.12042	-.00433	-.00381	.00004	.05105	-.01015	-1.22060	.43966
48.462	99.920	-.23595	-.05386	.17121	-.01701	.00557	-.00163	-.03963	.02075	-1.12390	.40867
51.411	199.730	-.17989	-.05930	.16283	-.01284	-.00055	-.00017	.04155	.01817	-1.20300	.40105
47.954	399.960	-.24674	-.03960	.22077	-.02558	.00672	-.00217	-.07503	.01073	-1.08770	.40368
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 598/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.130	399.970	-.19801	-.01580	.21875	-.01724	.00356	-.00066	.07941	.00396	-1.24190	.40757
99.034	199.820	-.18010	-.05687	.19670	-.00719	-.00561	.00135	-.05254	.00090	-1.10960	.41676
97.471	99.956	-.24693	-.06981	.18238	.00435	-.01361	.00382	-.09696	.01132	-1.07150	.41421
99.723	49.919	-.24014	-.06966	.20585	.01443	-.01604	.00301	-.01257	.01111	-1.15360	.41253
100.750	-.157	-.18827	-.08012	.22691	.00384	.00634	-.00197	.01564	-.02858	-1.17790	.44679
99.664	-200.230	.35032	-.26621	.03006	.00013	.00414	-.00024	-.01057	-.01996	-1.15280	.44573
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 599/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.150	-200.210	.40491	-.23803	-.01779	.00654	-.00074	.00050	-.05672	.00123	-1.10600	.41926
197.750	-.178	.14836	.00626	.25148	.00020	-.00153	.00089	.08033	.04237	-1.24020	.36993
198.910	49.804	.15337	.05586	.23723	.01647	.00649	.00012	-.02217	.01097	-1.14290	.39904
200.730	99.951	.17102	.07248	.21489	.01124	-.00071	.00088	.05285	.02769	-1.21200	.40436
197.970	199.930	.14733	.04563	.22282	.00602	-.00715	.00237	-.06709	.02444	-1.09120	.39248
198.550	399.920	.13770	.01620	.21413	.00591	-.00695	.00208	-.06918	.00061	-1.09320	.41158
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT530) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 527/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.130	-.175	-.15517	-.04938	.14728	.00300	-.00110	.00054	-.01028	.00459	-.53961	.19331
-.512	99.750	-.15870	-.05288	.15083	-.01444	-.00218	.00040	-.00867	.06098	-.54205	.08390
.165	199.740	-.15791	-.04850	.15161	-.02018	-.01551	.00485	-.01557	.04839	-.54311	.09144
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 528/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.107	199.830	-.17605	-.04145	.16312	-.03032	.00441	.00108	-.02678	-.01770	-.52450	.15993
50.533	99.884	-.13628	-.05096	.16125	-.00593	-.00168	.00080	.01624	.00446	-.56211	.13697
49.621	-.166	-.14132	-.05178	.15524	-.00214	.00009	.00037	-.00895	.01435	-.53713	.17745
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 529/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.090	-.303	-.07362	-.04175	.16068	-.02448	-.01542	.00402	.07941	.06420	-.62205	.12217
97.987	99.824	-.12151	-.04210	.17709	-.00577	-.00555	.00146	-.06330	-.03031	-.47672	.17270
99.684	199.800	-.12940	-.03768	.17397	-.01705	.02035	-.00127	-.01234	-.02600	-.52840	.15937
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 530/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.460	199.740	-.04724	-.00966	.18542	-.01994	-.00170	-.00012	-.01786	.01903	-.51365	.13626
200.660	99.805	-.01989	-.00740	.18920	-.01324	-.00071	-.00054	.02082	.01110	-.55500	.15350
199.230	-.240	-.03260	-.00428	.19296	.01466	-.00836	.00193	-.03021	-.01257	-.49748	.18493
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT531) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 563/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.241	-.044	-.23514	-.08854	.16624	-.00314	.00476	-.00087	-.01019	-.00561	-.95993	.35427
-.285	99.718	-.25956	-.07426	.15029	-.00191	.00601	-.00160	-.00293	.00209	-.97080	.35272
2.854	199.680	-.16340	-.06951	.15636	-.01025	-.00338	.00098	.09916	.02250	-1.07580	.30112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 564/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.552	199.650	-.14006	-.06027	.17113	-.01924	-.00073	-.00002	.01910	.01482	-.99016	.30728
47.906	99.887	-.17989	-.08947	.14484	-.00362	-.00012	.00028	-.08638	.00595	-.88915	.34334
48.872	-.166	-.19978	-.08950	.17835	-.00321	-.00297	.00077	-.04405	.01590	-.92734	.33222
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 565/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.439	-.314	-.12031	-.06606	.18973	-.00204	-.00609	.00154	-.02212	.00585	-.94516	.33596
101.110	99.816	-.09508	-.04713	.18396	.00338	-.00537	.00187	.03981	.00274	-1.00450	.33254
100.400	199.790	-.06726	-.05447	.17890	-.00736	-.00049	.00031	.00878	.00733	-.97357	.31517
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 566/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.420	199.800	.05057	-.00398	.21314	.00616	.00036	.00185	-.01249	.00169	-.94095	.33043
199.450	99.825	.03794	.00513	.22382	-.00815	-.00374	.00101	-.01273	.04243	-.93902	.30350
200.900	-.205	.09014	-.00444	.21539	.03107	.00463	.00005	.02301	-.05485	-.96856	.39798
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT532) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 600/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.259	400.020	-.22781	-.05238	.19640	-.02380	.00369	-.00103	-.01656	.01711	-1.15660	.40007
-1.369	199.900	-.35296	-.05753	.17633	-.00154	.00219	-.00110	-.04510	-.00235	-1.12860	.43541
1.020	99.879	-.27740	-.09634	.16411	-.00409	.00138	-.00037	-.00674	.01297	-1.16990	.40998
-.407	49.804	-.27553	-.09747	.17823	-.00160	.00048	.00009	-.02812	.03567	-1.14660	.38780
1.107	-.207	-.23145	-.09515	.18925	.00124	-.00242	.00075	.06107	.00217	-1.23380	.41910
-1.186	-200.270	.05534	-.15430	.12094	-.00273	.02471	-.00529	-.02218	-.06125	-1.13890	.50733
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 601/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.732	-200.250	.14222	-.18538	.10799	-.00724	.01988	-.00439	.02988	.03027	-1.19700	.40580
50.523	-.264	-.15250	-.08306	.19281	-.00670	.00365	-.00074	.02732	-.00083	-1.19760	.41712
50.646	49.840	-.21052	-.09452	.17202	-.00694	-.00497	.00071	.00958	.01414	-1.18560	.40647
49.217	99.885	-.23086	-.09348	.15555	.01053	-.00599	.00191	-.01942	-.02600	-1.15750	.44717
48.767	199.860	-.16623	-.06170	.16420	-.03195	.00211	-.00175	-.02830	.03576	-1.14130	.37917
48.489	399.930	-.22026	-.03865	.20727	-.01117	.00229	.00030	-.05524	-.01063	-1.11320	.41907
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 602/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.150	399.920	-.19108	-.02089	.21686	.01042	.00549	-.00000	.03999	-.00269	-1.20580	.40179
101.070	199.800	-.12101	-.05158	.19172	-.00464	-.00466	.00084	.01582	.05012	-1.17870	.35150
100.220	99.896	-.10209	-.06035	.18233	-.00068	-.00474	.00153	.00259	.01848	-1.16830	.39545
102.900	49.771	-.21416	-.01480	.24238	.03386	-.05361	.00652	.07480	.13742	-1.22910	.27026
97.869	-.135	-.01152	-.02852	.18307	.00091	.01000	-.00117	-.05752	-.01880	-1.09340	.42695
101.880	-200.190	.19825	-.19252	.09595	.00152	.00981	-.00148	-.05668	-.00928	-1.11120	.43720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 603/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	-200.230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
196.990	-.135	.09225	.01274	.19334	.06898	-.00567	.00463	-.07541	-.01018	-1.07290	.42055
199.530	49.895	.11173	-.00659	.20465	.25127	-.12682	.02492	-.01290	.04738	-1.13730	.37219
198.280	99.851	.04359	.01329	.21665	.11526	-.02722	.01710	-.05633	-.04471	-1.09790	.46881
200.280	199.870	.09393	-.00365	.21308	.00341	.00308	.00105	.01634	.01833	-1.17460	.40086
197.380	399.940	.02418	-.00358	.21892	.03211	-.00160	.00212	-.05258	-.01334	-1.10520	.41437
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT533) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 531/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.140	-.178	-.14811	-.03856	.15758	.00765	.00266	-.00024	-.00882	.00807	-.53530	.17238
.116	99.759	-.15110	-.02374	.18645	.01335	.00135	.00026	.00576	.00653	-.55728	.18275
.783	199.840	-.15295	-.00171	.18599	.01150	-.00745	.00272	.02968	.01296	-.59363	.17401
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 532/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.073	199.760	-.13429	-.00975	.16266	-.00877	.00090	-.00191	-.01639	-.00358	-.54356	.17108
48.301	99.811	-.14519	-.02781	.18158	.00716	.00107	.00043	-.05775	-.01257	-.48850	.19395
49.544	-.240	-.13817	-.04155	.16023	.00506	-.00055	.00006	-.01559	.01366	-.52507	.15307
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 533/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.881	-.177	-.12850	-.03968	.16957	-.00710	-.00177	.00018	.04129	.01010	-.57396	.16090
99.854	99.756	-.13924	-.02451	.18369	.01867	-.00255	.00233	-.01060	-.01329	-.52343	.19203
100.300	199.810	-.15185	-.01785	.16586	-.02529	.00152	-.00216	.01172	.04917	-.56785	.11116
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 534/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.460	199.780	-.06871	-.01117	.17248	-.02214	-.00412	.00088	.03620	.02529	-.59153	.14741
198.720	99.907	-.07760	-.00663	.17919	-.00294	-.00223	.00065	-.01379	-.01208	-.51033	.18107
199.680	-.310	-.06797	-.01207	.19027	-.01031	-.00087	.00032	-.01204	.00624	-.51227	.16205
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT534) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 567/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.448	-.067	-.20824	-.07727	.17040	.00275	.00333	-.00097	.01838	.03843	-.98237	.30082
-.604	99.733	-.22886	-.07226	.15236	.00887	.00018	.00070	-.02016	.01932	-.94710	.31875
.716	199.790	-.21586	-.05592	.16641	.01761	.00048	.00102	.02422	-.00751	-.99667	.34864
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 568/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.164	199.720	-.16260	-.05871	.16385	-.00507	.00103	.00034	.04350	.02434	-1.01040	.28201
47.915	99.830	-.20579	-.07355	.15684	.00083	.00362	.00022	-.07796	-.00164	-.88476	.33253
49.794	-.274	-.19435	-.07725	.17850	-.00275	.00519	-.00088	-.01567	.00756	-.94365	.32426
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 569/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.370	-.196	-.14373	-.07142	.18832	-.00231	.00768	-.00089	.04862	.00083	-1.00570	.32575
98.888	99.853	-.18307	-.06785	.16852	-.00153	.00025	.00057	-.03701	.01449	-.92281	.30824
101.250	199.810	-.14620	-.04699	.18129	-.01552	.00099	-.00081	.05937	.02807	-1.01200	.27644
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 570/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.900	199.770	-.01298	-.01612	.20175	-.02189	.00535	-.00094	-.02936	.03058	-.91807	.28266
198.630	99.723	-.04439	-.02107	.20229	.00080	-.00515	.00144	-.05389	-.00409	-.89515	.32887
200.560	-.277	.00289	-.02949	.22134	.01206	.00067	.00063	.00187	-.03874	-.94572	.36686
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT535) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 604/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.930	400.020	-.26017	-.04223	.18914	-.02064	.00435	-.00173	-.03241	.02119	-1.14800	.37255
-.982	199.690	-.26448	-.06418	.15288	.01003	-.00043	.00045	-.03212	-.02815	-1.13940	.44724
-1.002	99.932	-.26754	-.07910	.16070	-.00468	.00161	-.00077	-.03437	.01199	-1.13710	.40236
-.285	49.926	-.26079	-.08040	.17626	-.01287	.00374	-.00108	-.02213	.01666	-1.14850	.39911
.414	-.148	-.23290	-.08292	.19291	-.00211	.00144	.00009	.01453	.00526	-1.18370	.41180
.391	-200.390	.05701	-.10767	.13093	.00476	-.00325	.00147	.01037	.00594	-1.16310	.43332
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 605/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.618	-200.350	.08923	-.13246	.12422	.00255	.00676	-.00033	-.00986	-.02496	-1.14250	.45509
48.562	.007	-.21964	-.07636	.20621	-.00112	-.00125	.00050	-.04001	.02105	-1.12680	.39180
49.173	49.853	-.23743	-.08181	.18776	-.00327	.00440	-.00102	-.05172	-.00875	-1.11560	.42068
49.804	99.694	-.23584	-.08538	.16947	-.00700	.00383	-.00113	.00151	.01725	-1.16960	.39729
51.026	199.880	-.20770	-.07706	.15023	.00814	.00319	-.00035	.03948	-.01304	-1.20790	.42676
50.552	399.970	-.21915	-.04014	.18644	-.01658	.00484	-.00144	.03427	.04655	-1.21060	.34490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 606/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.430	399.950	-.16073	-.03768	.18579	-.01492	.00560	-.00105	.05351	-.00279	-1.22070	.39120
103.040	199.930	-.10123	-.06456	.16122	.01233	-.00416	.00217	.09888	-.00504	-1.26200	.41279
99.478	99.866	-.19139	-.07949	.17770	-.00362	-.00269	.00093	-.01484	.00553	-1.15110	.39884
100.760	49.783	-.15855	-.07800	.19296	.00244	-.00226	.00091	.01455	-.02882	-1.18010	.43308
100.400	-.167	-.14918	-.06338	.21275	.00399	-.00029	-.00006	.01694	-.01218	-1.18180	.41935
98.583	-200.330	.10932	-.14064	.11493	.00814	-.00011	.00029	-.04354	.02966	-1.10900	.40216
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 607/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.810	-200.310	.20026	-.16227	.10500	-.01288	.00635	-.00258	.05490	.02210	-1.20470	.41063
198.800	-.186	.02892	-.00276	.22615	.00006	.00435	-.00085	.04872	-.01374	-1.19960	.43071
199.500	49.760	.04300	-.01582	.23679	-.00166	-.00002	.00051	.00417	.03270	-1.15340	.37592
200.140	99.909	-.02410	-.02233	.23112	.00590	-.00090	-.00009	.01276	.00421	-1.16730	.41096
200.780	199.870	.00483	-.02233	.21122	-.01616	.00299	-.00136	.02964	.03161	-1.18670	.37387
198.410	399.850	-.04269	-.01613	.20408	-.01802	.00744	-.00178	-.04248	-.00415	-1.11280	.40017
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT536) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 535/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.741	-4.179	-.15360	-.05617	.16441	.00421	-.00666	.00166	-.01828	.01085	-.53415	-1.86570
-.163	95.802	-.15832	-.05735	.15527	-.01467	.00171	.00001	-.02389	.01041	-.53331	-1.86930
-1.206	195.840	-.19998	-.04910	.15087	-.00870	.00288	-.00031	-.05443	.00533	-.50352	-1.86030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 536/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.543	195.800	-.17066	-.04557	.17099	.01314	-.00068	.00119	.01661	.00233	-.57005	-1.85840
50.564	95.756	-.13740	-.05136	.17035	-.01092	-.00379	-.00010	.02819	.04270	-.57923	-1.89930
50.426	-4.299	-.11209	-.05253	.16825	-.01062	.00121	-.00053	.01818	-.00093	-.56553	-1.84440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 537/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.690	-4.273	-.05444	-.04233	.17614	-.02077	.00272	-.00086	.05639	.03644	-.59786	-1.87930
98.410	95.763	-.10418	-.03607	.18163	.00480	.00454	.00067	-.05287	-.01921	-.49117	-1.83530
99.628	195.730	-.10575	-.03769	.18192	.04237	.00874	.00301	-.01447	-.04230	-.53123	-1.81890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 538/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.280	195.880	.04133	.00591	.20807	-.01031	-.00386	.00118	-.01934	.00607	-.51446	-1.85590
200.330	95.810	.05326	.01476	.20651	-.01633	-.00915	.00047	-.00375	.01526	-.52765	-1.85780
200.070	-4.123	.06953	.01467	.21052	-.00417	-.00424	.00106	.01851	-.01631	-.54737	-1.82220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT537) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 571/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.137	-4.133	-.22821	-.10370	.16911	-.01069	-.00236	-.00037	-.04580	.00738	-.91929	-1.64650
.763	95.846	-.22711	-.07608	.16203	-.01939	.00221	-.00085	.03785	.01672	-1.00230	-1.67680
.505	195.700	-.21641	-.06157	.16774	-.00814	-.00102	.00001	.01848	-.01012	-.98194	-1.65590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 572/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.948	195.790	-.14412	-.06405	.17395	-.01819	-.00105	-.00040	.06501	.01911	-1.02760	-1.68360
50.722	95.867	-.10332	-.07318	.16953	-.00839	-.00446	.00024	.01929	.01390	-.97973	-1.67770
48.106	-4.198	-.14907	-.07639	.18495	-.02314	-.00191	-.00102	-.06746	.02145	-.89230	-1.67420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 573/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.781	-4.253	-.16031	-.08313	.21101	-.00242	-.00353	.00056	-.05597	-.00732	-.89671	-1.64540
100.740	95.830	-.17048	-.04910	.20656	-.01420	-.01110	.00200	.04875	.04002	-1.00540	-1.70230
101.470	195.650	-.11404	-.05512	.20297	-.03442	.00423	-.00115	.02632	.00758	-.98761	-1.66790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 574/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.610	195.800	.13181	.02837	.22178	-.01192	-.00292	.00103	-.04055	.00652	-.90804	-1.66310
200.700	95.866	.14677	.04682	.23185	-.02417	.00785	-.00090	.05190	.00427	-.99764	-1.65840
199.150	-4.269	.14391	.04638	.27235	-.00577	.00517	-.00061	-.04411	-.01518	-.89919	-1.64870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT538) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 608/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.125	-4.098	-.2[illegible]27	-.08177	.19426	.00530	.00010	.00045	-.07781	.00644	-1.10280	-1.58490
1.414	95.834	-.25654	-.09316	.16168	-.01602	-.00122	-.00058	.03536	.01127	-1.21370	-1.57490
1.751	195.820	-.20674	-.08104	.15157	-.01495	.00044	-.00118	.06509	.01288	-1.24140	-1.58530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 609/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.760	195.820	-.18774	-.06356	.18281	-.00879	-.00018	-.00152	.03797	.00343	-1.21390	-1.58070
51.920	95.878	-.10517	-.07888	.16567	-.00296	.00180	-.00072	.06012	-.01635	-1.23560	-1.55180
51.103	-4.100	-.05505	-.08098	.18150	.01702	.00738	-.00066	.03062	-.03194	-1.20430	-1.55010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 610/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.700	-4.255	-.17670	-.06913	.25936	-.00118	.00689	-.00176	.02405	.02995	-1.19680	-1.61580
98.464	95.864	-.22550	-.07807	.19954	-.01137	-.00117	.00100	-.05005	.04196	-1.12410	-1.62640
101.740	195.860	-.18476	-.05426	.21878	-.00106	-.00242	.00015	.06495	.00716	-1.24180	-1.58870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 611/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.190	195.760	.16042	.03796	.23559	.00258	-.00446	.00108	-.08824	.02060	-1.07880	-1.60060
201.390	95.935	.18499	.07004	.24379	.00179	.00047	.00049	.07599	-.00565	-1.24060	-1.56070
198.290	-4.213	.19903	.01939	.24918	.16037	-.05356	.02448	-.08445	-.05207	-1.08010	-1.53580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT539) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	-2.000
Y =	50.000	JET PC =	642.000
MACH =	4.500		

RUN NO. 539/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.116	-4.104	-.15912	-.04986	.15132	-.00271	.00099	-.00051	-.00420	.03647	-.54593	-1.86320
-.965	95.816	-.17798	-.05007	.16627	-.00010	-.00601	.00255	-.03032	.02252	-.52069	-1.89300
.000	195.740	-.18269	-.04490	.16160	-.02179	-.00952	.00342	-.01217	.03871	-.54685	-1.91440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 540/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.950	195.740	-.17072	-.04414	.16689	-.02430	-.01146	.00261	.01774	.02752	-.57056	-1.90430
49.874	95.869	-.15352	-.05285	.17241	-.00916	-.00203	.00130	.00109	-.02233	-.54987	-1.85100
50.030	-4.200	-.14458	-.05273	.16139	-.00956	-.00199	-.00001	.00205	.00930	-.54461	-1.83840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 541/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.570	-4.314	-.11554	-.04305	.17509	-.00794	.00125	.00069	.02589	-.00800	-.55844	-1.81680
99.953	95.661	-.11325	-.04532	.18129	-.02689	-.00323	.00014	-.01488	.04416	-.52728	-1.91750
99.817	195.770	-.12334	-.03813	.17475	.03820	-.06552	.00638	.00801	.06877	-.55419	-1.94800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 542/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.170	195.710	-.04938	-.00557	.19273	-.01969	-.00635	.00005	-.02197	.01440	-.50967	-1.87370
201.120	95.780	-.00372	-.00814	.19469	-.01806	-.00034	-.00015	.03576	.01360	-.57159	-1.86140
199.450	-4.151	-.00888	-.00524	.20625	-.01635	-.01236	.00039	-.01226	.03304	-.52087	-1.87230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT540) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 575/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.389	-4.076	-.24209	-.08400	.17522	-.00133	.00209	-.00073	-.01196	.00890	-.94851	-1.62930
-.073	95.779	-.25759	-.07419	.15092	.00328	.00162	.00014	-.00105	.01154	-.96455	-1.63040
-.679	195.750	-.19481	-.06255	.16654	-.02507	.00033	-.00069	-.02234	.02146	-.95009	-1.67290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 576/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.104	195.770	-.14904	-.05814	.17800	-.01760	-.00208	.00039	.04443	.01149	-1.01090	-1.66920
50.927	95.884	-.07623	-.09607	.14668	.01618	.00429	.00119	.01528	-.05287	-.97925	-1.57420
50.126	-4.294	-.19675	-.08642	.18672	-.00429	-.00653	.00173	.00949	.01519	-.97008	-1.64220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 577/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.734	-4.326	-.12244	-.06037	.20056	-.01260	.00244	-.00065	-.00597	.01145	-.95255	-1.63830
100.950	95.669	-.09579	-.05271	.18411	-.01697	.00075	-.00035	.03924	.01893	-.99709	-1.65250
99.460	195.690	-.11240	-.04537	.19618	-.00693	.00238	.00031	-.01963	-.02694	-.94139	-1.62120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 578/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.510	195.810	.05630	-.00636	.21691	-.01889	.00388	-.00087	-.03151	.03080	-.91855	-1.66650
199.260	95.820	.03841	.00267	.23310	-.01391	.00581	.00018	-.02052	-.00704	-.92702	-1.62210
201.640	-4.158	.10758	-.00001	.22980	-.00238	.01493	-.00310	.05892	-.03084	-.99947	-1.60340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT541) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1097.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 450.0000 IN. ZT		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	-2.000
Y =	50.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 612/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.250	-4.153	-.23797	-.09234	.20292	-.00076	-.00200	.00092	-.01633	.01565	-1.16010	-1.59510
-1.867	95.905	-.30289	-.09149	.17336	.00243	.00101	-.00042	-.06980	.00725	-1.11070	-1.58440
2.584	195.760	-.23004	-.08333	.14207	.00058	.00115	-.00055	.07123	.00834	-1.25210	-1.58000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 613/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.972	195.680	-.13322	-.06701	.16914	-.02113	.00086	-.00056	-.04284	.01451	-1.13300	-1.60520
49.878	95.974	-.24068	-.08986	.16305	-.00722	.00119	.00098	-.00151	.00137	-1.17870	-1.57900
52.745	-4.280	-.15498	-.06153	.21254	.00607	.00226	.00023	.09813	-.02511	-1.26890	-1.56710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 614/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.503	-4.285	-.00425	-.01900	.20172	-.00139	.00453	-.00076	-.01574	.01179	-1.13920	-1.60430
102.040	95.787	-.04709	-.06942	.18679	.00113	-.00394	.00017	.07109	.00144	-1.23760	-1.58780
96.922	195.710	-.15717	-.04750	.20920	-.00718	.00220	-.00130	-.09570	.02777	-1.07460	-1.62660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 615/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.570	195.790	.09233	-.00106	.22801	.00095	-.00091	.00087	-.03808	-.00118	-1.12380	-1.58530
198.750	95.784	.04692	.02492	.25421	-.01062	.00535	.00018	.00417	.00420	-1.16050	-1.58690
196.890	-4.180	.08086	.02907	.19827	.10735	-.00535	.01078	-.08812	-.04494	-1.06430	-1.54760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT542) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 543/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.094	-4.269	-.15148	-.04003	.16286	.00501	.00367	-.00077	-.00355	.01122	-.54438	-1.81700
-.024	95.695	-.15905	-.02352	.19060	.00206	.00348	-.00068	.00567	.01361	-.56045	-1.81700
1.096	195.790	-.15120	-.00124	.19059	.02416	-.00930	.00311	.04767	.00179	-.61539	-1.79380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 544/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.610	195.710	-.14893	-.00636	.17297	-.00889	-.00318	-.00095	-.01625	.02690	-.54723	-1.83180
48.492	95.737	-.15263	-.02737	.18693	.01051	.00057	.00038	-.04849	-.02401	-.50038	-1.78810
49.530	-4.144	-.14454	-.04342	.16587	-.00267	.00292	-.00074	-.01496	.03682	-.52969	-1.84640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 545/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.842	-4.269	-.13328	-.04036	.17613	-.00326	-.00095	.00035	.00671	.01334	-.54277	-1.82820
100.120	95.742	-.13433	-.02740	.18318	.00395	.00337	.00043	.01291	-.00924	-.55037	-1.79840
99.936	195.840	-.15793	-.01806	.17727	-.03353	.00142	-.00225	-.01416	.05805	-.54585	-1.87040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 546/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.590	195.790	-.07182	-.00814	.17887	-.02111	-.00284	.00064	.09260	.01150	-.64925	-1.80900
198.830	95.904	-.07636	-.00446	.18404	-.00549	-.00214	.00011	-.00355	-.00211	-.52367	-1.81180
199.530	-4.177	-.07177	-.00930	.19789	-.01969	.00192	-.00061	-.01697	.02596	-.51121	-1.83730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT543) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 579/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.056	-4.103	-.20763	-.07797	.17628	.00296	.00491	-.00002	-.00989	.00751	-.95174	-1.63780
-1.187	95.873	-.24563	-.06851	.15907	.00988	-.00071	.00102	-.02543	.01985	-.92980	-1.65470
.486	195.810	-.24532	-.05202	.17236	.01314	-.00092	.00083	.00323	-.00971	-.96736	-1.62580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 580/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.674	195.760	-.18063	-.05303	.17319	-.00735	.00031	.00036	.05622	.02919	-1.01820	-1.69240
48.366	95.891	-.19688	-.07614	.15931	-.00023	.00236	-.00006	-.05874	-.00806	-.89540	-1.63260
49.602	-4.304	-.19209	-.07767	.18616	.00014	.00224	-.00059	-.01609	.01196	-.93589	-1.64710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 581/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.750	-4.309	-.13445	-.07403	.19781	.00739	-.00283	.00114	.06146	.01628	-1.01780	-1.65990
98.877	95.940	-.16728	-.07201	.17176	-.00271	.00174	-.00020	-.02892	.01650	-.92252	-1.65640
101.130	195.700	-.14887	-.04547	.18842	-.01069	.00004	-.00006	.03864	.02438	-.99024	-1.69260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 582/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.210	195.780	-.02126	-.01251	.20906	-.00897	.00013	-.00015	-.02297	.01720	-.94950	-1.66020
199.250	95.826	-.00222	-.02396	.21356	.01074	-.00595	.00278	-.01241	-.00846	-.93914	-1.63420
198.230	-4.276	-.03416	-.01793	.24327	.00330	-.00146	.00104	-.04442	.00540	-.89401	-1.65060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT544) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 616/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.874	-4.029	-.26352	-.07304	.20494	.00481	.00432	-.00052	-.02969	-.00229	-1.14130	-1.56070
-.263	95.925	-.26946	-.07957	.16643	-.00127	.00123	-.00027	-.01389	.02433	-1.15920	-1.59180
.240	195.680	-.27770	-.06096	.15818	.00090	.00110	.00012	.02146	.01232	-1.19490	-1.58290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 617/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.603	195.740	-.23356	-.05175	.18186	-.00043	.00367	-.00081	-.03374	.03572	-1.13230	-1.60880
48.736	95.836	-.23372	-.08470	.17612	.00015	.00201	-.00009	-.06124	.01666	-1.10780	-1.58880
50.665	-4.295	-.20451	-.07574	.21231	.00590	.00272	.00030	.02353	.00199	-1.19260	-1.56800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 618/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.717	-4.353	-.14838	-.05859	.22455	.00676	.00005	.00063	-.02756	.01239	-1.13890	-1.58350
97.814	95.913	-.19884	-.07970	.18709	-.01354	-.00202	.00021	-.08350	.04613	-1.08390	-1.62470
100.500	195.840	-.20988	-.04816	.17933	-.01235	.00179	-.00071	.02763	.01454	-1.19250	-1.59260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 619/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.900	195.840	.02038	-.02320	.21722	-.00197	.00128	-.00043	-.04310	.01031	-1.11670	-1.58840
198.660	95.905	-.01002	-.01910	.24363	-.01606	.00594	-.00085	-.02860	.01973	-1.12720	-1.59160
201.430	-4.192	.09801	-.00028	.22580	-.00307	.00127	-.00128	.04348	.01053	-1.19560	-1.58280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OV1545) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 656/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.132	-2.431	-.12282	-.03935	.17147	-.00686	-.00007	-.00132	-.00120	.01577	-4.54190	4.12360
-.360	97.449	-.14080	-.02461	.18993	-.01421	.00201	-.00226	-.00295	.03006	-4.53990	4.11200
.335	197.460	-.14273	-.01011	.20393	-.01570	.00079	-.00261	.01513	.01839	-4.56350	4.13390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 657/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.402	197.420	-.16761	.00275	.20589	-.01705	.00103	-.00252	-.01726	.01473	-4.53020	4.12640
49.828	97.484	-.14953	-.01427	.18922	-.01274	.00060	-.00222	-.01009	.00525	-4.53230	4.12680
49.831	-2.580	-.13812	-.02621	.17485	-.00076	-.00285	-.00042	-.00727	-.00055	-4.53160	4.13030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 658/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.971	-2.579	-.13888	-.01863	.17557	-.01702	.00099	-.00216	.00407	.03735	-4.54190	4.08770
100.000	97.342	-.13835	-.01137	.18540	-.00977	-.00069	-.00169	.00880	-.01087	-4.54890	4.13730
99.553	197.540	-.16555	.00918	.19888	-.00905	.00047	-.00264	-.00578	.01070	-4.53730	4.11990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 659/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.060	197.470	-.12957	.01606	.18330	-.01360	.00122	-.00245	.03635	.01462	-4.57100	4.10450
199.520	97.479	-.12894	.00800	.18359	-.01025	-.00175	-.00142	-.01860	.01247	-4.51470	4.10520
200.410	-2.620	-.10115	.00134	.16521	-.01460	-.00070	-.00161	.00746	.00197	-4.53970	4.11890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT546) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 692/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.425	-2.447	-.17181	-.06797	.17666	-.00160	.00435	-.00147	-.00579	-.01729	-4.94290	4.32120
-.810	97.522	-.19428	-.06540	.16504	-.00526	-.00054	-.00206	-.02961	.03520	-4.91570	4.26360
.284	197.470	-.21724	-.03979	.17815	-.00804	.00341	-.00295	.00593	.02013	-4.96650	4.29050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 693/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.459	197.520	-.22098	-.03436	.17983	.00552	-.00143	-.00128	-.00693	.00759	-4.94270	4.28600
49.879	97.396	-.19326	-.05641	.16843	-.01851	.00265	-.00308	-.01440	.02528	-4.93070	4.26130
49.856	-2.595	-.19069	-.05090	.18734	-.00760	.00547	-.00377	.00584	-.01435	-4.94820	4.30830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 694/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.460	-2.660	-.16876	-.04643	.19252	.00606	-.01009	.00063	.01968	.01914	-4.95620	4.26790
99.081	97.513	-.19303	-.04850	.17532	-.00723	-.00179	-.00222	-.03255	.00023	-4.90540	4.28040
100.340	197.420	-.19248	-.03138	.18142	-.00858	.00399	-.00289	.02104	-.00590	-4.95980	4.26620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 695/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.390	197.400	-.15297	-.01118	.18638	-.03243	-.00147	-.00280	.05838	.05413	-4.98760	4.22740
199.960	97.422	-.13234	-.02190	.19010	-.01431	-.00857	-.00094	-.00439	.00782	-4.92260	4.27390
200.550	-2.653	-.11409	-.02250	.21034	-.01220	-.00509	-.00071	.01419	-.01334	-4.95190	4.29830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT547) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 728/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.585	-2.482	-.19385	.04846	.20672	-.01068	-.00373	-.00146	-.00600	.00891	-5.16610	4.39120
-1.927	97.517	-.22261	-.07548	.17845	.01165	-.00759	-.00004	-.08477	.00084	-5.08600	4.39320
-.912	197.440	-.24464	-.05530	.16857	.01088	-.00405	-.00168	.02276	-.00788	-5.16930	4.39620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 729/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.111	197.480	-.25249	-.05344	.17583	-.01201	-.00031	-.00199	-.01853	.03521	-5.14640	4.34420
50.309	97.480	-.22885	-.06305	.18989	-.01193	-.00056	-.00224	.00232	.00947	-5.17010	4.37820
52.239	-2.674	-.17378	-.03964	.21248	-.01706	.00741	-.00379	.07849	.02118	-5.24670	4.36910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 730/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.598	-2.645	-.17100	-.03015	.21948	-.01740	-.00323	-.00263	.00698	.04029	-5.15950	4.33760
98.216	97.592	-.20423	-.06174	.19558	-.01254	-.00513	-.00070	-.08815	.02300	-5.07600	4.35440
99.810	197.490	-.21801	-.05574	.17769	-.02297	.00147	-.00285	-.00000	.00826	-5.16670	4.36660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 731/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.100	197.380	-.16953	-.01967	.20158	-.05242	.00241	-.00371	.09155	.04963	-5.25400	4.32820
200.900	97.539	-.11817	-.03062	.21199	-.03979	-.00044	-.00303	-.00366	.01632	-5.15770	4.36440
200.120	-2.576	-.12068	-.00560	.23008	-.01507	-.00060	-.00221	.01411	-.01200	-5.16710	4.39560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT548) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 660/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.202	.372	-.13535	-.05823	.15257	-.01165	.00415	-.00134	.00435	.02473	-4.55860	2.15340
-.080	100.390	-.15139	-.03964	.17909	.00671	-.00168	.00015	-.00425	.01708	-4.55600	2.16460
.612	200.300	-.15709	-.01627	.19609	.00445	-.00478	.00140	.03334	.02348	-4.60210	2.16480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 661/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.470	200.310	-.13851	-.01857	.16768	-.02036	-.00518	-.00331	.02622	.02934	-4.59210	2.13970
48.643	100.320	-.14904	-.03062	.17999	.01494	.00302	-.00076	-.04531	-.04629	-4.50590	2.20840
49.762	.391	-.13575	-.05071	.15568	-.01447	.00079	-.00207	-.02294	.04452	-4.52480	2.12140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 662/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.380	.203	-.11701	-.04122	.16441	-.00833	-.00003	-.00124	.03237	-.00402	-4.57200	2.16330
99.791	100.250	-.13158	-.02546	.17728	.00043	.00181	-.00008	-.00186	.00663	-4.53980	2.14540
99.065	200.320	-.15882	-.03096	.16359	-.02303	-.00047	-.00146	-.03682	.04611	-4.51760	2.10430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 663/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.430	200.350	-.06662	-.01218	.17440	-.01729	.00048	-.00121	-.02907	.01167	-4.51950	2.13660
199.210	100.400	-.07337	-.00986	.17726	-.00719	-.00337	-.00061	-.01434	.00645	-4.51790	2.14520
199.950	.332	-.06084	-.01396	.18619	-.01446	.00062	-.00145	-.00556	.01149	-4.52410	2.13640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT549) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 696/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.043	.410	-.22871	-.07021	.16957	-.01293	.00590	-.00233	-.01356	.02776	-4.95390	2.28430
.110	100.250	-.20954	-.08439	.15420	.00246	-.00337	-.00085	.00774	.01742	-4.97190	2.29610
.052	200.390	-.23114	-.05962	.15686	-.00190	.00245	-.00238	.00518	.00339	-4.97460	2.31070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 697/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.957	200.230	-.16430	-.06557	.15929	.00188	-.00229	-.00089	-.03529	.00811	-4.91670	2.28670
48.522	100.420	-.19743	-.08259	.16356	-.01417	.00785	-.00312	-.07634	.00435	-4.88690	2.29800
49.615	.298	-.20772	-.06738	.19596	-.01024	.00169	-.00188	-.02665	.04651	-4.92960	2.25410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 698/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.630	.351	-.14871	-.06047	.20191	-.00932	.00439	-.00196	.06882	.03268	-5.01830	2.26530
98.894	100.360	-.17109	-.07438	.17087	-.00871	.00001	-.00158	-.03334	.04434	-4.91750	2.25240
102.580	200.280	-.10513	-.05287	.17188	-.00195	.00159	-.00079	.08948	-.02738	-5.03770	2.32050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 699/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.880	200.290	-.01202	-.01683	.20682	-.01520	.00510	-.00293	-.02247	.00932	-4.91950	2.28640
198.470	100.390	-.03956	-.02256	.20900	-.01441	.00023	-.00144	-.05104	.02192	-4.88530	2.26740
200.540	.326	-.02216	-.00556	.23047	.00333	-.00166	-.00072	.02769	.02340	-4.95680	2.27590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT550) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 732/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.363	.460	-.22445	-.07510	.21061	-.01154	.00544	-.00300	-.00297	.03164	-5.17100	2.35550
-2.175	100.360	-.28697	-.08101	.18689	-.01295	.00103	-.00191	-.06328	.03211	-5.11280	2.35240
.664	200.410	-.26967	-.07601	.15897	-.00425	-.00161	-.00178	.03266	.02643	-5.20960	2.36530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 733/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.658	200.330	-.23036	-.08384	.15821	-.01396	.00220	-.00154	.02081	.00783	-5.19530	2.37300
49.683	100.390	-.22227	-.08647	.18661	-.00164	.00000	-.00103	-.01588	-.02606	-5.15630	2.40890
52.042	.386	-.16582	-.06694	.21707	-.00484	.00423	-.00353	.06906	-.00245	-5.24030	2.38730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 734/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.221	.258	-.11573	-.02909	.21919	-.01144	.00854	-.00439	-.03461	.02231	-5.13230	2.35910
100.450	100.360	-.17380	-.07161	.19927	-.01250	.00014	-.00121	.00716	.01912	-5.17750	2.35890
102.650	200.370	-.08417	-.07490	.17462	-.02045	.00350	-.00105	.09130	.01640	-5.26130	2.36480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 735/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.310	200.390	-.01632	-.01325	.22860	-.03097	.00741	-.00345	.00577	.02897	-5.16910	2.35350
201.220	100.290	.02742	-.00097	.24951	-.03125	.00555	-.00283	.04148	.04373	-5.20030	2.33760
201.300	.300	.03431	.02374	.18480	-.01776	.01050	-.00418	.08419	-.02873	-5.24470	2.40870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT551) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = 542.000
MACH = 4.500

RUN NO. 664/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.034	.307	-.13509	-.04843	.16340	-.01305	.00169	-.00195	-.01137	.01392	-4.53160	2.15900
.491	100.470	-.13056	-.03368	.17661	-.00517	-.00123	-.00203	.01587	.01906	-4.56330	2.16570
-.256	200.370	-.15444	-.01097	.20410	-.00411	.00239	-.00173	.00175	-.00038	-4.55420	2.18400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 665/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.759	200.300	-.16347	-.00433	.20188	-.01744	.00511	-.00330	.00395	.01661	-4.55320	2.15770
49.595	100.340	-.15308	-.02164	.18476	-.00779	.00096	-.00168	-.01806	.00737	-4.52840	2.16590
50.077	.271	-.12147	-.04384	.16422	-.02500	.00295	-.00230	-.00433	.03208	-4.53440	2.13230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 666/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.779	.214	-.12738	-.03313	.17320	-.02587	.00249	-.00244	.00322	.01563	-4.54000	2.14920
99.721	100.360	-.14302	-.01935	.18516	-.00985	-.00270	-.00121	-.00517	-.01890	-4.53520	2.18130
100.520	200.380	-.13743	-.00216	.19080	-.00784	.00247	-.00223	.02951	-.01226	-4.57150	2.17030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 667/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.210	200.270	-.08767	.00115	.17395	-.01282	.00012	-.00184	.05948	.01558	-4.59010	2.14160
199.100	100.280	-.10510	-.00151	.18161	-.01274	-.00011	-.00214	-.03642	-.00468	-4.49610	2.16430
199.820	.254	-.09346	-.00742	.18995	-.01017	-.00356	-.00090	-.00974	-.01034	-4.51920	2.16560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT552) (12 OCT 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000	IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000	IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000	IN. ZT
SCALE	=	.0100				

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	-4.000	BETAB	=	2.000
Y	=	150.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 700/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.224	.473	-.20057	-.06385	.18896	-.00340	.00501	-.00208	-.01392	-.01525	-4.95010	2.33440
-.336	100.420	-.19539	-.07669	.15939	-.00771	.00049	-.00139	-.01903	.01736	-4.94130	2.29900
-.219	200.440	-.22255	-.04989	.16465	.01413	.00122	-.00084	.01248	-.01798	-4.97190	2.33480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 701/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.870	200.300	-.21835	-.04797	.16852	.00289	.00151	-.00156	-.00615	.02912	-4.94730	2.26990
49.745	100.350	-.20487	-.06921	.16774	.00032	.00155	-.00157	-.03214	-.01072	-4.92750	2.31740
50.180	.318	-.20574	-.05280	.20224	-.01307	.00495	-.00262	-.00292	.03266	-4.95650	2.27510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 702/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.590	.350	-.13690	-.05879	.19925	.00025	.00016	-.00039	.07734	-.00123	-5.02950	2.30960
98.093	100.260	-.18978	-.06471	.17785	-.02269	.00403	-.00314	-.07095	.05340	-4.88180	2.24630
99.886	200.430	-.21148	-.04282	.17985	-.00486	.00111	-.00222	.02168	-.00626	-4.97470	2.30500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 703/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.730	200.200	-.13086	-.02031	.19180	-.03429	.00432	-.00359	-.02755	.01792	-4.92090	2.28560
200.530	100.290	-.09108	-.02836	.20010	-.02598	-.00377	-.00237	.00405	.02219	-4.94620	2.28060
199.690	.289	-.09130	-.01951	.22982	-.04205	.00609	-.00358	-.00304	.00614	-4.93510	2.28730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT553) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 736/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.452	.433	-.22560	-.05307	.21667	-.00215	.00412	-.00357	-.04771	.02070	-5.12430	2.37630
-1.173	100.360	-.23981	-.07837	.17841	-.00915	.00106	-.00182	-.04954	.02072	-5.12390	2.37590
-.214	200.420	-.25747	-.06672	.16219	-.00521	-.00121	-.00194	.00136	.01092	-5.17390	2.38220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 737/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.918	200.350	-.24668	-.06880	.16722	-.01072	.00103	-.00226	-.00495	.02901	-5.16380	2.35710
50.130	100.260	-.22669	-.07328	.18739	-.00367	-.00087	-.00069	-.00485	.00313	-5.16310	2.37680
51.183	.356	-.20298	-.04780	.22443	.00847	.00510	-.00249	.04729	-.01084	-5.21530	2.40070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 738/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.110	.368	-.16606	-.03849	.22798	-.00434	.01313	-.00426	.03688	.01034	-5.20130	2.37690
100.020	100.350	-.21219	-.06729	.20277	-.00253	-.00515	.00084	-.00691	.01522	-5.16100	2.36790
100.550	200.300	-.19147	-.07153	.17450	-.01549	-.00009	-.00276	.02282	.00463	-5.19130	2.38020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 739/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.080	200.360	-.11339	-.02578	.20845	-.02741	-.00296	-.00224	-.06657	.02514	-5.10170	2.36530
200.440	100.340	-.08538	-.02251	.23278	-.03448	-.00075	-.00290	.01327	.01465	-5.17540	2.37580
200.480	.131	-.04868	-.00856	.23678	-.01827	-.00230	-.00151	.05656	-.00464	-5.19150	2.38460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT554) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 668/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.078	-.078	-.11505	-.06960	.15665	.00631	-.01344	.00149	.00640	.00702	-4.55890	.13966
-1.161	99.843	-.15585	-.06056	.15948	-.00489	-.00058	-.00159	-.03787	-.00681	-4.51290	.13497
-.994	199.840	-.18341	-.05457	.15394	-.01544	.00062	-.00185	-.02162	.01538	-4.52440	.11953
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 669/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.911	199.840	-.15499	-.04880	.17752	.01045	.00100	-.00075	.01915	-.02934	-4.57060	.16464
50.904	99.803	-.11803	-.05319	.17259	-.00677	-.00105	-.00112	.02354	.02748	-4.57500	.09874
51.050	-.267	-.07845	-.05867	.16491	-.01186	.00066	-.00176	.00743	-.01857	-4.56130	.16678
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 670/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.770	-.154	-.04418	-.04561	.17635	-.00556	.00160	-.00161	.05885	-.01832	-4.59890	.15330
100.640	99.867	-.08960	-.03330	.18696	-.00421	.02093	-.00230	-.01488	-.03532	-4.53440	.16250
99.675	199.860	-.08891	-.04031	.18595	-.00606	.00719	-.00078	-.01557	.04270	-4.53900	.09073
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 671/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.990	199.840	.05340	.01122	.20520	-.01596	-.00400	-.00051	.00390	.02548	-4.54950	.10777
200.180	99.813	.05801	.01933	.19933	-.02339	-.00104	-.00198	.02171	.00752	-4.56590	.12330
199.980	-.141	.06509	.02084	.20205	-.01882	-.00150	-.00166	.01080	.00232	-4.55140	.13799
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT555) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 704/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.718	.017	-.21260	-.08267	.19107	-.01467	.00381	-.00218	-.04186	.01511	-4.94130	.31636
-.016	99.922	-.20660	-.09372	.15529	-.01508	-.00477	-.00157	-.00805	.03354	-4.97800	.30039
.420	199.840	-.20330	-.07290	.15746	-.01462	.00050	-.00241	.01722	-.00854	-4.99740	.33730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 705/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.362	199.780	-.17255	-.06467	.17916	-.01244	-.00427	-.00219	.01840	.03048	-4.98350	.28792
51.269	99.845	-.11432	-.07740	.17655	-.04678	.00673	-.00487	.04912	.03237	-5.01300	.28895
51.729	-.124	-.15694	-.09610	.18608	-.01019	-.00128	-.00219	.04688	.06089	-5.01180	.25545
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 706/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.227	-.272	-.18018	-.07611	.24428	-.00128	.00229	-.00280	-.01672	.01306	-4.94430	.30241
100.960	99.801	-.16601	-.06098	.19727	-.01036	-.01334	-.00049	.04559	.07514	-5.00310	.24166
100.060	199.890	-.17046	-.04631	.21289	-.01467	-.00466	-.00132	.00072	-.00192	-4.95820	.31678
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 707/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.220	199.900	.12596	.03722	.22268	-.03215	.00128	-.00191	-.06018	.01688	-4.88570	.29385
201.300	99.823	.14641	.06441	.21982	-.00872	-.00330	-.00108	.07905	-.01128	-5.02080	.32910
197.180	-.235	.08479	.05448	.27232	.00947	-.00325	.00031	-.09458	-.00777	-4.84820	.31112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT556) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 740/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.732	.013	-.21160	-.06276	.19396	-.01233	.00545	-.00350	.06481	.03640	-5.23440	.35128
-.013	99.887	-.25545	-.09822	.16354	-.01809	-.00521	-.00192	-.00217	.01664	-5.16670	.37471
.984	199.780	-.22447	-.08205	.15793	-.02367	.00194	-.00354	.05006	.00677	-5.20990	.38094
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 741/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.232	400.040	-.24358	-.01852	.22980	-.02790	.00389	-.00329	-.02017	.00880	-5.14300	.37493
48.383	199.960	-.24101	-.06720	.21058	-.01284	-.00257	-.00109	-.08788	.01606	-5.07600	.36971
48.230	99.918	-.26785	-.09358	.21627	-.01261	.00234	-.00177	-.08644	.00356	-5.08300	.38029
51.063	49.958	-.22912	-.08663	.24793	-.00355	.00430	-.00269	.02552	-.00335	-5.19380	.38625
51.456	-.224	-.18979	-.07798	.25865	.00640	.00530	-.00211	.06013	-.00361	-5.23120	.38382
50.055	-150.300	.14720	-.08812	.04674	-.00737	.00281	-.00261	-.00799	.02742	-5.15030	.36308
49.446	-200.090	.29294	-.24305	-.00495	-.00380	.00018	-.00250	-.01654	.00681	-5.14480	.38384
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 742/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.050	-200.270	.35182	-.26298	-.03627	-.00521	.00262	-.00286	.02367	.01372	-5.18250	.37676
99.380	-150.270	.18762	-.10920	-.00265	-.00614	.00608	-.00255	.08809	.00367	-5.24180	.37784
101.060	-.226	-.08577	-.01609	.27991	-.00633	.00088	-.00188	.04553	-.01036	-5.20660	.38693
99.268	49.811	-.11242	-.01401	.25238	-.00902	.00871	-.00336	-.05063	-.00774	-5.11530	.38139
100.400	99.821	-.10109	-.01099	.20868	-.00590	.00350	-.00185	.02274	.01978	-5.18510	.36213
99.758	199.720	-.07875	-.01971	.21974	-.01179	-.00037	-.00186	-.00036	.02203	-5.15220	.35467
99.359	399.880	-.10808	-.00420	.22737	-.01591	.00008	-.00158	-.01062	.01100	-5.14400	.36358
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 743/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.480	199.8[illegible]0	.28104	.08551	.23128	-.01036	.00920	-.00070	-.01807	.01078	-5.13340	.36910
201.840	99.[illegible]	.29838	.12229	.25882	.00246	.00008	-.00039	.07289	.01645	-5.24180	.36811
200.350	49.780	.21412	.09748	.27371	-.01453	.00331	-.00218	.02439	.01110	-5.18680	.37308
201.210	-.347	.31999	.01850	.14784	.13929	-.04312	.01776	.02675	-.06230	-5.18440	.44971
199.940	-150.370	.35251	-.15984	-.03944	-.00149	.00431	-.00254	-.00132	.02250	-5.16090	.35872
199.690	-200.320	.47302	-.30627	-.04282	-.01257	.01175	-.00412	-.01445	.01999	-5.14640	.36093
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT557) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 672/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.401	-.129	-.14886	-.06402	.14797	-.00590	-.00088	-.00106	.01182	.00217	-4.56310	.15987
-.972	99.855	-.17271	-.05384	.16696	-.01253	-.00853	.00060	-.02264	.04309	-4.51660	.07355
-.258	199.840	-.18927	-.04542	.15941	-.01592	-.01138	.00163	-.00878	.01547	-4.53730	.10213
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 673/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.515	199.810	-.16294	-.04442	.16396	-.02068	-.00626	-.00134	.06658	.01058	-4.60920	.10308
50.245	99.865	-.14173	-.04799	.16858	-.01074	-.00264	-.00053	.00685	-.01265	-4.54410	.12814
49.754	-.199	-.15207	-.05379	.15944	-.00708	.00081	-.00187	-.02386	-.02066	-4.52370	.17272
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 674/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.130	-.164	-.11628	-.04358	.17070	.00031	-.00207	-.00019	.04261	.00345	-4.58810	.14143
100.270	99.904	-.10405	-.04110	.18140	-.02798	-.00154	-.00224	.00563	.04196	-4.55670	.08233
99.326	199.740	-.12013	-.04006	.17886	-.01380	.00540	-.00252	-.02499	-.00128	-4.52790	.12561
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 675/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.510	199.820	-.03293	-.01066	.19608	-.02256	-.00001	-.00266	-.01523	.02873	-4.52550	.10160
200.830	99.872	-.00351	-.00479	.19732	-.00585	-.00261	-.00115	.02615	-.00130	-4.56670	.13390
199.550	-.189	-.00935	-.00435	.19791	-.00440	.00305	-.00135	-.01093	-.00732	-4.52590	.15015
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT558) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 708/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.013	.010	-.23268	-.08709	.19587	-.00864	.00104	-.00171	-.00855	.00179	-4.95430	.28872
-.599	99.824	-.25233	-.08926	.15938	-.01961	.00460	-.00290	-.01302	.02631	-4.95250	.26403
1.878	199.810	-.20833	-.06416	.16577	-.02370	.00250	-.00313	.07315	.02634	-5.03420	.26659
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 709/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.275	199.770	-.16569	-.05234	.18119	-.01586	.00004	-.00256	.04124	.01147	-4.99450	.26715
47.947	99.831	-.19639	-.08660	.15593	-.00607	-.00167	-.00103	-.07732	-.00342	-4.87820	.29412
49.855	-.240	-.19488	-.08123	.20220	-.00739	-.00252	-.00140	-.02835	-.00300	-4.92930	.28574
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 710/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.509	-.193	-.04588	-.01559	.20757	.00369	.00050	-.00140	-.02453	.00560	-4.92570	.27999
100.290	99.959	-.11164	-.05079	.19849	-.01250	-.00441	-.00037	-.00881	.03470	-4.95340	.25085
99.952	199.870	-.10917	-.04878	.19737	-.02635	.00762	-.00347	-.00647	.00300	-4.95640	.27613
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 711/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.470	199.880	.04404	.00685	.22534	-.01223	.00715	-.00239	-.02289	.01192	-4.93650	.27119
199.770	99.846	.04449	.01587	.23411	-.02379	.01272	-.00251	.00129	.00553	-4.95350	.28693
198.560	-.173	.08212	.01896	.20680	.08761	-.04929	.00364	-.04178	-.00394	-4.90450	.28760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT559) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 744/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.970	399.970	-.18415	-.04836	.19796	-.01929	.00101	-.00221	.02273	.01744	-5.18960	.36176
-.877	199.840	-.18283	-.08009	.16364	-.00652	-.00135	-.00182	-.05132	-.01913	-5.11800	.41113
.925	99.877	-.22613	-.10197	.17130	-.01742	-.00214	-.00096	.01572	-.00570	-5.18650	.38920
.831	49.715	-.19766	-.09006	.19818	-.01335	.00133	-.00140	.03037	-.00146	-5.19630	.38620
.628	-.310	-.22628	-.03227	.23013	-.01251	.00672	-.00352	.05555	-.01733	-5.21930	.40409
-1.515	-150.270	-.13769	-.02654	.19191	-.00175	.00285	-.00183	-.04705	.03034	-5.12080	.36674
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 745/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.550	399.970	-.15379	-.03537	.20125	-.02815	.01095	-.00399	-.02796	.00651	-5.12510	.36997
49.936	199.850	-.12079	-.06336	.19065	-.03003	.01279	-.00414	-.01635	.01569	-5.13380	.36268
51.362	99.687	-.04384	-.09423	.16746	.03111	-.01533	.00922	.00410	.01119	-5.15250	.36696
48.803	49.790	-.12013	-.02961	.23555	-.00148	.01849	-.00316	.02949	.01318	-5.16550	.35487
47.415	-.231	-.27053	.03896	.24899	.00871	.00618	-.00476	-.07405	.02414	-5.06580	.35636
49.201	-150.280	.01684	-.05057	.15432	-.00906	.00399	-.00287	-.03216	.02263	-5.11550	.36703
51.298	-200.200	.14198	-.14472	.08328	-.00165	.00750	-.00337	-.02118	.00135	-5.13590	.39221
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 746/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.020	-200.340	.23876	-.17544	.04085	-.00605	-.00211	-.00081	.04994	.03014	-5.20560	.36267
98.800	-150.290	.10557	-.05865	.11308	.00176	.00041	-.00139	.03156	-.02387	-5.17840	.41818
97.624	-.371	-.04366	.03494	.19230	.04318	.01213	-.00188	-.01284	-.03621	-5.13330	.41691
100.960	49.622	-.02754	-.04030	.22339	.13930	-.04238	.01414	-.00392	-.00127	-5.14260	.38114
100.650	99.795	-.16972	-.04615	.22393	-.01365	.00554	-.00280	.07240	.03434	-5.22410	.34331
99.909	199.760	-.09287	-.03954	.20957	-.01652	-.00014	-.00312	-.02155	.05724	-5.13260	.32472
101.340	399.900	-.05297	-.02901	.21092	.01791	-.00440	-.00017	.06508	-.04310	-5.21750	.41978
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT559) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 747/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.210	399.830	.14184	.00599	.21971	-.04953	.01666	-.00590	-.03547	.05378	-5.11060	.32457
201.290	199.710	.15748	.04065	.24192	-.00316	-.00773	.00046	.06530	.01661	-5.20780	.37130
199.970	99.873	.17684	.03598	.23288	.16865	-.12385	.02026	.01523	-.01369	-5.15340	.39397
199.960	49.750	.18792	.03019	.20868	.05317	-.04178	.00452	.02183	-.03364	-5.15670	.41687
199.200	-.108	.14400	.03632	.14146	.03705	-.00570	.00108	-.01830	-.06176	-5.11770	.43715
199.670	-150.480	.24249	-.09209	.01490	-.01544	.00472	-.00337	-.06943	.03418	-5.07610	.34647
200.450	-200.300	.35773	-.20388	.00774	-.02184	.00695	-.00446	-.00897	.02088	-5.13680	.36413
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT560) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 676/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.303	-.146	-.14161	-.05541	.15653	-.01740	.00629	-.00296	.00393	.01600	-4.55670	.14879
.092	99.931	-.15382	-.03777	.17883	.02154	.00273	-.00041	-.00643	-.03206	-4.55220	.20286
.710	199.880	-.15819	-.01472	.19284	.01535	-.00841	.00270	.01919	.04085	-4.59010	.14193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 677/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.424	199.770	-.13323	-.01593	.17058	-.01621	-.00719	-.00368	.01769	.05203	-4.57850	.11046
48.344	99.821	-.15521	-.03193	.17940	-.02431	.00904	-.00338	-.06819	.00202	-4.48220	.15038
49.647	-.106	-.14132	-.05083	.16433	-.00561	-.00031	-.00134	-.03010	.00736	-4.51570	.15112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT560) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 678/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	-.278	-.12725	-.04179	.17316	-.01452	.00161	-.00190	.01358	.01727	-4.55040	.13388
100.370	99.879	-.13440	-.02950	.17878	.00085	-.00058	-.00061	.00262	.01369	-4.55180	.13462
99.048	199.780	-.16310	-.02837	.17058	-.01744	.00115	-.00285	-.03452	.02862	-4.51960	.11188
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 679/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.750	199.790	-.05462	-.01153	.17730	-.02087	.00084	-.00198	-.01454	.00630	-4.53530	.14053
198.850	99.890	-.07221	-.01073	.18428	-.01263	-.00136	-.00166	-.03358	.00382	-4.50240	.14821
199.880	-.238	-.06398	-.01208	.19893	-.01329	.00012	-.00181	-.00669	.00744	-4.52620	.14006
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT561) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 712/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.423	.005	-.21720	-.07158	.19248	-.01260	.00711	-.00313	.00581	.03675	-4.96850	.26185
-.600	99.853	-.23087	-.07860	.15823	-.00152	-.00140	-.00129	-.02528	.01351	-4.93930	.28831
-.172	199.800	-.25041	-.05671	.15650	-.00666	.00395	-.00210	.00911	.01104	-4.97250	.28972
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 713/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.151	199.770	-.17538	-.05140	.16673	-.01190	.00352	-.00265	.06668	-.00042	-5.02350	.28587
48.173	99.958	-.20201	-.08047	.16288	-.01232	-.00069	-.00160	-.08451	.03508	-4.87710	.25538
49.809	-.103	-.19905	-.06632	.20408	-.02151	.00857	-.00371	-.00434	.02835	-4.94850	.26348
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT561) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 714/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.940	-.209	-.13000	-.06212	.21032	.01600	-.00572	.00096	.07222	-.00199	-5.02280	.29637
98.538	99.845	-.17700	-.07346	.17522	.00616	-.00035	.00024	-.02747	-.02627	-4.93660	.31974
101.730	199.930	-.14065	-.04569	.18737	-.01706	.00380	-.00205	.08222	.01443	-5.04270	.27079
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 715/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.220	199.900	-.00658	-.01416	.21425	-.01076	-.00049	-.00159	-.02831	.02070	-4.92140	.26585
199.040	99.866	-.02137	-.01774	.21617	-.01637	.00139	-.00193	-.04235	.02205	-4.90370	.26712
200.730	-.177	.00031	.00353	.24378	.00600	-.00144	-.00100	.03798	-.01535	-4.97860	.30855
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT562) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 877/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.983	-.169	-.20616	-.07421	.21392	.00104	.00371	-.00119	.01208	-.00814	-5.18000	.41544
-1.822	99.745	-.25567	-.08733	.17659	-.00675	.00106	-.00114	-.08720	.04997	-5.08390	.35399
-.457	199.780	-.28520	-.07323	.15681	-.00327	.00025	-.00104	.00938	.00618	-5.18120	.40043
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 878/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.650	199.800	-.28828	-.07024	.17126	-.00582	.00149	.00011	.01208	.00878	-5.17980	.39454
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52.663	-.434	-.16385	-.06186	.22240	-.00376	.00293	-.00194	.08511	.00747	-5.24830	.39720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT562) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 879/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.031	-.258	-.09943	-.02966	.22889	-.00460	.00721	-.00259	-.03971	.00410	-5.11860	.40156
99.543	99.802	-.17994	-.07226	.20017	.00717	-.01242	.00241	-.02560	-.00620	-5.13710	.40692
100.020	199.750	-.19615	-.05453	.18690	-.00958	-.00689	-.00010	.03686	.01588	-5.19930	.38550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 880/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.340	199.740	-.01822	-.01191	.23201	-.01577	-.00170	-.00123	.02000	.02038	-5.17620	.38668
200.650	99.670	.01177	-.00014	.26630	-.01746	-.00457	-.00052	.02839	.03320	-5.17880	.37030
202.100	-.291	.05026	.01921	.20466	-.01254	-.00256	-.00161	.08811	.00290	-5.24020	.40075
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT563) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 680/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.126	-4.074	-.17516	-.06067	.17085	-.02323	-.00184	-.00163	-.01312	.02621	-4.54700	-1.87000
.592	95.793	-.15205	-.06247	.16261	-.01709	.00266	-.00217	.03443	-.01269	-4.59480	-1.84840
-.992	195.770	-.18390	-.05671	.15574	-.02260	.00263	-.00225	-.02886	.01955	-4.53080	-1.87750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 681/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.957	195.810	-.14691	-.04705	.18025	-.00688	.00634	-.00177	.03211	-.01249	-4.58820	-1.85350
50.821	95.944	-.10447	-.05835	.16879	-.01405	.00059	-.00157	.02440	.02137	-4.57900	-1.88410
50.018	-4.144	-.09685	-.05455	.17334	-.00823	-.00634	-.00097	.00552	.03661	-4.55630	-1.87970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT563) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 682/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.710	-4.179	-.04132	-.04469	.18035	-.00569	-.00043	-.00128	.05941	-.01327	-4.60380	-1.83440
98.637	95.907	-.08457	-.03994	.18646	.00448	.00412	-.00128	-.04667	-.00027	-4.50180	-1.86270
98.994	195.930	-.11206	-.03686	.19622	-.00424	-.00447	-.00060	-.04807	.01971	-4.50220	-1.88500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 683/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.650	195.760	.04715	.01065	.21720	-.00508	-.00556	-.00013	-.00813	.00438	-4.52890	-1.86230
200.030	95.916	.04367	.02148	.20978	-.01942	-.00203	-.00150	.01356	.00996	-4.54780	-1.87010
199.890	-4.194	.05343	.02173	.21700	-.00792	-.00542	-.00080	-.00029	-.00459	-4.52940	-1.84160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT564) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 716/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.597	-4.055	-.22338	-.07846	.20173	-.01947	-.00081	-.00241	-.05701	.02101	-4.89590	-1.69970
.193	95.828	-.21630	-.09626	.15816	-.01763	-.00003	-.00229	-.02215	.00675	-4.94610	-1.68190
.358	195.850	-.23798	-.06339	.16926	-.02281	.00139	-.00267	.02682	-.00268	-5.00170	-1.67940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 717/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	195.750	-.11183	-.07540	.17447	-.03511	.00861	-.00308	.09140	.01372	-5.05510	-1.70290
49.697	95.827	-.10477	-.07799	.17672	-.03385	-.00580	-.00274	[illegible]	[illegible]	[illegible]	[illegible]
50.074	-4.160	-.09231	-.07923	.18501	-.02482	.00637	-.00332	-.00711	-.00918	-4.94810	-1.67970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT564) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 718/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.070	-4.108	-.18713	-.06595	.26166	-.00670	.00186	-.00155	-.00153	.00902	-4.94910	-1.70070
102.230	95.869	-.13608	-.06310	.20718	-.02837	.00024	-.00207	.06430	.02187	-5.02770	-1.70790
98.708	195.890	-.18426	-.04590	.22015	-.02468	.00188	-.00246	-.00147	.00439	-4.96260	-1.69120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 719/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.550	195.900	.15607	.03005	.22871	-.03804	.00854	-.00255	-.04807	.02575	-4.91640	-1.71780
199.440	95.895	.11773	.06348	.24472	-.02602	.00740	-.00314	.00109	.01939	-4.95760	-1.70130
198.510	-4.052	.10506	.05252	.29908	.00100	.00634	-.00198	-.05202	-.01693	-4.90260	-1.67450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT565) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 865/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.591	-4.166	-.23869	-.05247	.21076	.00455	-.00536	.00044	-.08975	.02273	-5.06510	-1.58490
.132	95.840	-.25811	-.10423	.15749	-.01496	-.00663	.00075	.00113	.01298	-5.15520	-1.56450
1.899	195.700	-.21046	-.08530	.14903	-.01548	-.00237	-.00065	.07708	-.01140	-5.22830	-1.54420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 866/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.418	195.680	-.18918	-.07030	.18119	-.01714	-.00351	-.00089	.02124	.03128	-5.17280	-1.59210
49.372	95.643	-.19823	-.07671	.18096	-.00125	-.00164	-.00032	-.02673	-.01105	-5.12410	-1.55130
47.456	-4.223	-.37066	.03340	.24439	-.01085	.02149	-.00372	.01829	-.03120	-5.16260	-1.53600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT565) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 867/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.090	-4.117	-.17937	-.06228	.28566	.00531	-.00026	.00015	.00066	.01384	-5.16730	-1.58600
97.992	95.818	-.24047	-.07597	.21486	-.00164	-.00229	-.00037	-.07071	.03494	-5.09550	-1.60440
102.450	195.620	-.17089	-.05996	.22080	.00223	-.00424	-.00024	.08020	.04067	-5.24540	-1.60610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 868/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.500	195.780	.15982	.04098	.24065	.00165	.00307	-.00023	-.07960	.02463	-5.07850	-1.59360
201.970	95.824	.19818	.07234	.25327	-.00235	.00084	.00011	.08562	.02945	-5.24570	-1.59220
200.650	-4.307	.30173	-.01217	.16539	.18561	-.06772	.03095	-.00189	-.04210	-5.15130	-1.52070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT566) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 684/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.049	-4.109	-.16158	-.06098	.15426	-.01956	.00516	-.00278	-.01106	-.00070	-4.54180	-1.85720
-.893	95.856	-.17943	-.05667	.17287	-.01665	-.00302	-.00001	-.02872	.02622	-4.52000	-1.92010
.604	195.850	-.17073	-.04926	.15964	-.03706	-.00125	-.00002	.02376	.03525	-4.57780	-1.93220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 685/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.894	195.840	-.16763	-.04478	.17045	-.00392	-.00380	-.00133	.00220	-.01844	-4.55190	-1.87770
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.577	-4.103	-.15382	-.05498	.16512	-.01081	.00007	-.00152	-.01267	.00084	-4.52670	-1.86720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT566) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 686/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.060	-4.261	-.11237	-.04438	.17514	-.01079	.00378	-.00182	.04672	.00139	-4.57660	-1.87790
99.994	95.778	-.11267	-.04104	.19030	-.02579	-.00365	-.00166	-.01098	.04136	-4.52960	-1.93300
99.193	195.800	-.14186	-.03624	.18695	-.01388	-.02069	-.00018	-.02961	.04451	-4.51310	-1.94230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 687/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	195.710	-.02955	-.00883	.20326	-.01759	.00269	-.00259	-.01148	-.00116	-4.52730	-1.88720
200.860	95.790	.00487	-.00653	.20515	-.00137	-.00064	-.00163	.02716	.00181	-4.56450	-1.88470
199.090	-4.235	-.02118	.00015	.21425	-.02741	.00287	-.00277	-.02514	.03012	-4.50860	-1.90580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT567) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 720/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.299	-3.975	-.24097	-.08523	.19969	-.01219	.00193	-.00240	-.01743	-.00967	-4.95380	-1.67740
-.220	95.903	-.24759	-.09293	.16108	-.01711	.00201	-.00264	-.01500	.01953	-4.96150	-1.70760
1.525	195.840	-.22444	-.06252	.17095	-.01844	.00169	-.00273	.05634	.03815	-5.03420	-1.72460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 721/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.167	195.900	-.15092	-.05595	.18051	-.02438	.00277	-.00270	.07718	-.00549	-5.05200	-1.68660
47.965	95.861	-.18069	-.08878	.15264	-.01823	.00358	-.00115	-.09227	-.01619	-4.88240	-1.67210
48.825	-4.180	-.20577	-.07751	.21037	-.02286	.00427	-.00304	-.03668	.01885	-4.93380	-1.70700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT567) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 722/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.141	-4.197	-.05565	-.00969	.21545	-.00699	.00061	-.00106	-.04170	.01868	-4.91670	-1.70910
99.300	95.959	-.11845	-.05031	.19925	-.00304	-.01351	.00063	-.01402	-.00388	-4.95[illegible]70	-1.68570
100.410	195.840	-.10771	-.04803	.20020	-.01948	.00322	-.00242	.00632	-.01459	-4.97960	-1.67760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 723/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.510	195.790	.04655	.00481	.23007	-.01254	.00393	-.00205	-.04702	.00001	-4.90980	-1.69290
200.400	95.857	.06499	.01285	.24024	-.02180	.00057	-.00176	.01250	.05041	-4.96590	-1.73850
201.840	-4.204	.12623	.01429	.20877	.00272	.00312	-.00480	.09476	-.01256	-5.04230	-1.67810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT568) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 869/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.075	-4.210	-.25[illegible]95	-.07966	.22212	-.00174	-.00391	.00021	-.08836	.02381	-5.07600	-1.64190
-1.185	95.773	-.28707	-.10011	.17814	-.00543	.00402	-.00075	-.05353	-.00015	-5.11820	-1.62130
.522	195.750	-.28804	-.08491	.16035	-.00243	-.00477	.00118	.03217	.02574	-5.20680	-1.64520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 870/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.076	95.927	-.21750	-.08435	.17934	-.01443	-.00118	-.00027	-.00409	.00184	-5.16160	-1.61650
50.137	-4.222	-.12[illegible]35	-.02703	.22002	-.00573	-.00112	-.00098	.00678	.03078	-5.15990	-1.65410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT568) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 871/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.169	-4.231	-.15333	.03130	.24134	.00729	.01563	.00101	-.03695	-.05401	-5.10920	-1.57150
97.672	95.785	-.14684	-.07704	.21291	.12257	-.10561	.01985	-.06746	.03188	-5.09010	-1.65660
99.289	195.790	-.15029	-.05488	.20064	.01158	.00325	-.00003	-.01906	.01999	-5.14270	-1.64410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 872/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.580	195.690	.08045	.01114	.23921	.00791	-.00178	.00097	-.02020	-.00729	-5.13420	-1.61620
199.880	95.788	.07289	.03121	.26027	.00347	.00512	-.00271	.00508	.00247	-5.15180	-1.62810
199.960	-4.212	.14779	.02916	.15369	.06105	-.01537	.00240	.00264	.02897	-5.15060	-1.65620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT569) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 688/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.081	-4.133	-.15064	-.05329	.16166	-.01629	.00607	-.00319	-.00416	.00946	-4.54670	-1.85450
.139	95.924	-.16326	-.03414	.18298	-.00393	.00720	-.00249	.00337	-.00710	-4.56140	-1.83120
.404	195.780	-.16950	-.01196	.20319	.00665	-.00161	.00126	.01600	.01505	-4.58230	-1.84170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 689/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.287	195.780	-.17626	-.01841	.17305	-.00873	-.00147	-.00216	-.01808	.03355	-4.53580	-1.88540
49.881	95.924	-.15938	-.03106	.18381	-.02257	.00843	-.00257	-.02068	.00842	-4.53160	-1.86160
49.483	-4.241	-.15103	-.04886	.17125	-.03447	.00439	-.00303	-.02842	.03535	-4.51750	-1.88260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT569) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 690/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.490	-4.284	-.12208	-.04373	.17716	-.01478	.00163	-.00212	.02645	-.01016	-4.56210	-1.84810
99.847	95.908	-.14053	-.02832	.18414	-.00813	.00270	-.00153	-.00404	-.00724	-4.53540	-1.84910
98.944	195.890	-.17801	-.02508	.18015	-.02031	-.00323	-.00194	-.03457	.04653	-4.51430	-1.91150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 691/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.060	195.840	-.07854	-.00497	.18629	-.02825	.00322	-.00260	-.03228	.01928	-4.50950	-1.88550
199.580	95.901	-.07053	-.00754	.18833	-.02067	.00316	-.00298	-.00994	.00638	-4.51630	-1.86260
199.800	-4.224	-.06021	-.01002	.20404	-.01848	-.00033	-.00201	-.01134	.02721	-4.51060	-1.88800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT570) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 724/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.432	-4.031	-.22965	-.07466	.19544	.00064	.00198	-.00176	-.03954	.00423	-4.93100	-1.68660
-.458	95.819	-.23769	-.08150	.16584	-.00799	.00614	-.00224	-.00266	-.00553	-4.96950	-1.67610
-.062	195.760	-.26053	-.05712	.16269	-.00695	.00278	-.00207	.00699	-.00083	-4.97890	-1.68050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 725/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48.230	95.844	-.21399	-.08056	.17385	-.01214	.00025	-.00222	-.08023	.01441	-4.88480	-1.69670
51.352	-4.217	-.16029	-.07855	.20077	-.00943	.00056	-.00214	.03009	.01041	-4.99250	-1.69430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT570) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 726/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.750	-4.183	-.14612	-.05650	.22062	-.00985	.00330	-.00213	.03552	.00665	-4.99670	-1.68520
97.783	95.865	-.20923	-.06704	.18899	-.01689	.00091	-.00198	-.07989	.01807	-4.88340	-1.70200
103.320	195.820	-.12258	-.04964	.18463	-.00935	.00152	-.00090	.09779	.01885	-5.06600	-1.66810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 727/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.070	195.860	-.02507	-.00780	.22235	-.02285	.01083	-.00340	-.02656	.00995	-4.93600	-1.69730
199.600	95.800	-.00640	-.01304	.23455	-.02817	.00360	-.00261	-.00760	.02995	-4.93970	-1.71640
200.620	-4.169	.00115	.00760	.26190	-.00720	-.00513	-.00073	.02570	.00786	-4.97750	-1.68880
	GRADIENT	.00000	.C0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT571) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 873/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.080	-4.132	-.17898	-.08014	.20504	-.00144	-.00077	-.00020	.01644	.02183	-5.17910	-1.62980
-2.688	95.805	-.25796	-.09100	.17877	.00072	.00123	-.00031	-.09726	-.00041	-5.06910	-1.60520
.193	195.760	-.26296	-.07934	.15780	-.01565	.00140	-.00145	.00487	.06431	-5.17120	-1.67120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 874/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.611	195.790	-.15718	-.09225	.15629	-.00788	.00030	-.00013	.04185	.00757	-5.20330	-1.62820
50.155	95.816	-.23557	-.08556	.19062	.00987	-.00713	.00149	-.00034	-.00176	-5.15960	-1.60750
51.958	-4.352	-.19247	-.05493	.23136	-.00659	-.00078	-.00040	.07177	.01891	-5.23050	-1.62620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT571) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 875/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.225	-4.377	-.10170	-.02709	.23207	-.00208	-.00461	.00098	-.05481	.05353	-5.09950	-1.66440
100.460	95.879	-.18937	-.07074	.20215	-.01170	-.00581	.00061	-.00214	.00955	-5.15660	-1.62500
100.920	195.710	-.17613	-.05336	.19311	-.01358	-.00693	-.00031	.07232	.01831	-5.23210	-1.62940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 876/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.350	195.690	.02415	-.01647	.23002	.00517	-.00601	.00047	-.02065	.01024	-5.13310	-1.62600
199.700	95.736	.01695	.00337	.27724	-.01351	.00102	-.00083	-.02613	.03024	-5.12050	-1.64760
198.730	-4.246	.05075	.02270	.21558	-.00354	-.00873	-.00083	-.02902	.00594	-5.11990	-1.61360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT572) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 780/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.948	-2.550	-.11989	-.03745	.18221	.00113	-.00449	-.00035	-.01282	.00264	-8.54180	4.14310
99.506	97.652	-.14218	-.02396	.18667	-.00818	-.00051	-.00119	-.00856	.01400	-8.54450	4.13130
99.684	197.430	-.16982	.00164	.19739	.00174	-.00161	-.00157	.00543	-.00086	-8.55970	4.14220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 781/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.580	197.410	-.14785	.00573	.18771	-.01521	.00171	-.00214	.02042	.02099	-8.57240	4.11160
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
149.890	-2.583	-.12493	-.01398	.18795	-.00355	-.00207	-.00066	-.01232	-.00036	-8.53850	4.13690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT572) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 782/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.610	-2.588	-.11503	.00462	.19347	-.00191	-.00462	-.00076	.03099	.01423	-8.57840	4.12550
199.570	97.553	-.12777	.00615	.18962	-.00978	-.00443	-.00097	-.01973	.01586	-8.52820	4.11860
200.410	197.520	-.11109	.00778	.17781	-.02379	.00144	-.00211	.01497	.01573	-8.56360	4.11450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT573) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 810/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.925	-2.477	-.15180	-.03462	.22037	-.02936	.00664	-.00413	.01800	.03898	-8.98040	4.24340
98.136	97.497	-.18416	-.06217	.18933	-.01035	-.00644	-.00119	-.07804	.01711	-8.88410	4.26480
99.173	197.500	-.23010	-.03887	.18523	-.02004	-.00079	-.00303	-.01881	.00778	-8.94250	4.27010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 811/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.550	197.490	-.17996	-.03098	.18912	-.01722	-.00151	-.00249	.03889	.02071	-8.99870	4.25880
149.620	97.554	-.17461	-.03943	.20170	-.03072	-.00315	-.00192	-.02120	.01988	-8.93880	4.26240
150.370	-2.557	-.18017	-.00750	.24149	-.01988	.00119	-.00274	.02230	-.00405	-8.98060	4.28560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 812/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.230	-2.609	-.11665	.00587	.23770	-.02198	-.00016	-.00081	.07561	.02311	-9.03110	4.25450
198.850	97.554	-.13269	-.01819	.20986	-.03295	.00175	-.00240	-.05179	.03170	-8.90680	4.24530
199.960	197.500	-.13855	-.01448	.19514	-.05021	.00554	-.00465	-.00436	.02792	-8.95530	4.24970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT574) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 837/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.981	-2.433	-.19838	-.00941	.25168	-.02161	.00158	-.00392	-.03987	.01570	-9.12350	4.33730
98.400	97.488	-.20319	-.05706	.22059	-.00811	-.00927	-.00081	-.08874	.01722	-9.07640	4.33810
98.599	197.500	-.25120	-.05568	.19408	-.02454	-.00228	-.00308	-.06113	.04816	-9.10290	4.30410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 838/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.160	197.520	-.18530	-.04390	.20245	-.02532	-.00559	-.00105	.05848	.02565	-9.22070	4.32520
150.190	97.603	-.17914	-.03219	.23483	-.02132	-.00691	-.00161	.00296	.00353	-9.16450	4.34960
151.760	-2.560	-.15019	.0034[illegible]	.25239	-.01704	-.00192	-.00245	.07511	.00205	-9.23490	4.35740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 839/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.240	-2.549	-.15669	.02532	.26101	-.00868	-.00066	-.00164	.03177	-.02923	-9.18860	4.38680
200.060	97.448	-.11477	-.01358	.24048	-.03633	.00336	-.00357	-.03333	.02562	-9.12570	4.32740
198.900	197.520	-.14801	-.01808	.21613	-.04392	.00282	-.00403	-.04263	.04214	-9.11820	4.31190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT575) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 786/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.650	100.460	-.10922	-.04575	.16883	-.00004	.00187	-.00067	.02219	-.00260	-8.58860	2.15710
98.914	200.210	-.15207	-.02932	.17355	-.02467	-.00106	-.00377	-.02762	.04654	-8.53820	2.10980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT575) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 787/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.080	200.290	-.11047	-.02528	.18260	-.02217	.00239	-.00330	.03323	-.00087	-8.59810	2.15640
149.830	100.360	-.10318	-.02898	.17509	-.00686	-.00030	-.00067	-.00982	.02166	-8.55040	2.13290
149.500	.275	-.10574	-.03211	.17988	-.01452	.00311	-.00219	-.02097	.01269	-8.53730	2.14220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 788/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.590	.305	-.06359	-.01091	.19590	-.00726	.00024	-.00208	.06765	.00692	-8.62020	2.14900
199.620	100.380	-.07313	-.01236	.18587	-.01825	.00347	-.00148	-.01463	.02557	-8.54100	2.12870
200.640	200.270	-.05178	-.01398	.18460	-.02267	.00015	-.00217	.01174	.02486	-8.57390	2.13290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT576) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 813/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.018	.293	-.12557	-.04178	.22729	-.00661	.01203	-.00393	-.04271	-.00117	-8.92470	2.33070
99.277	100.380	-.19002	-.07569	.19895	-.02505	-.00403	-.00031	-.03412	.03238	-8.93710	2.28900
101.450	200.280	-.16709	-.05453	.18100	-.01782	-.00216	-.00087	.05872	.00219	-9.03030	2.32240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 814/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.360	200.370	-.09635	-.03671	.20606	-.01262	-.00521	-.00062	-.01662	.03496	-8.95280	2.28760
149.120	100.360	-.10037	-.05186	.21565	-.02248	-.00872	-.00072	-.04624	.03183	-8.92170	2.29440
150.070	.301	-.04511	-.01149	.23199	-.02406	-.00006	-.00419	-.00119	.06183	-8.96410	2.26320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT576) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 815/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.860	.149	-.00833	.01426	.22958	-.04082	.01036	-.00382	.08912	.01030	-9.05270	2.31620
200.520	100.420	-.03038	-.01364	.24191	-.01392	.00014	-.00074	.00927	.00404	-8.97350	2.31740
200.100	200.330	-.03068	-.00889	.22779	-.00717	-.00369	-.00147	.00840	-.01784	-8.97670	2.33820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT577) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 840/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.289	.360	-.08600	-.00200	.21744	-.01660	.00859	-.00365	-.07394	.01508	-9.09370	2.39540
99.230	100.440	-.20252	-.03287	.24570	-.02150	.00412	-.00409	-.01360	.01003	-9.15240	2.39720
101.230	200.340	-.14703	-.06203	.19445	-.03499	.00713	-.00291	-.00173	.03390	-9.16900	2.36910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 841/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.420	200.210	-.11601	-.03563	.22837	-.01362	-.00802	-.00000	.05259	.03688	-9.22030	2.36670
148.980	100.330	-.02091	-.01021	.25159	.01102	-.00520	-.00101	-.01027	.01578	-9.14800	2.38610
151.140	.384	-.03389	.02815	.21201	-.00211	-.00432	-.00203	.06030	.02685	-9.22360	2.38450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 842/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
201.020	100.360	.07227	.00480	.24201	-.00060	-.02032	.00164	-.00281	.05386	-9.15640	2.35160
200.350	200.420	.00797	-.01154	.24725	.03094	-.01190	.00210	.00062	-.04878	-9.16390	2.45340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT578) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 789/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	.308	-.11459	-.04805	.18036	-.01350	-.00015	-.00163	-.00958	.01733	-8.55420	2.17420
99.372	100.410	-.14460	-.03045	.18202	-.00661	-.00137	-.00156	-.01036	.00207	-8.55310	2.18600
99.912	200.410	-.16455	-.00712	.19362	-.01589	.00657	-.00319	.00573	.00756	-8.57120	2.18170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 790/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.590	200.290	-.13783	-.00535	.18611	-.00929	.00033	-.00234	.02406	.01112	-8.58380	2.16910
149.540	100.330	-.13300	-.01594	.18383	-.01532	.00096	-.00213	-.02642	.01661	-8.53260	2.16720
149.860	.281	-.12002	-.02516	.19035	-.01032	-.00223	-.00179	-.01581	.01019	-8.54200	2.17400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 791/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.040	.274	-.09382	-.00612	.20244	-.02555	.00193	-.00251	.04299	.01837	-8.59630	2.16610
199.800	100.400	-.09907	-.00608	.18702	-.02430	.00237	-.00253	-.00490	.02655	-8.54990	2.15830
199.920	200.270	-.10373	-.00110	.18208	-.01549	.00141	-.00242	-.00453	-.00694	-8.55110	2.18820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT579) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 816/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.032	.322	-.17335	-.03465	.23881	-.00094	.00005	-.00289	-.03627	-.02732	-8.93530	2.38780
98.602	100.340	-.18445	-.07372	.19551	-.01566	-.00032	-.00208	-.07454	.02647	-8.89970	2.32530
99.746	200.200	-.20998	-.05677	.17897	-.01492	.00037	-.00286	.04052	.01625	-9.01460	2.33660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT579) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 817/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.560	200.270	-.16065	-.04585	.18950	-.01188	-.00440	-.00138	.05964	.02146	-9.03250	2.33240
149.350	100.370	-.16432	-.04815	.21250	-.03692	.00044	-.00206	-.01966	.04550	-8.95060	2.30730
152.310	.227	-.10246	-.02420	.23888	-.02480	.00377	-.00344	.07356	-.00601	-9.04050	2.36740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 818/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.550	.245	-.09888	.00266	.25318	-.03170	-.00183	-.00241	.03561	.03179	-8.99640	2.32660
198.440	100.390	-.13206	-.01586	.22809	-.04201	.00168	-.00365	-.07174	.01851	-8.89030	2.33510
201.080	200.380	-.09489	-.02168	.19908	-.03210	-.00057	-.00319	.02372	.01497	-8.98790	2.33870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT580) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 843/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.050	.297	-.12327	-.02256	.23654	-.01543	.00296	-.00358	.01657	-.00215	-9.18380	2.42500
99.804	100.230	-.18673	-.06311	.22932	-.01939	-.00551	-.00085	-.01314	.00276	-9.15610	2.42260
99.184	200.260	-.20249	-.07789	.18769	-.01678	-.00502	-.00033	-.01493	-.01494	-9.15520	2.44000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 844/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.430	100.320	-.12726	-.03481	.24520	-.03083	-.00505	-.00207	.04801	.03798	-9.21310	2.38240
151.540	.086	-.10448	-.00321	.25323	-.03958	.00447	-.00466	.06657	.01729	-9.23160	2.41350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT580) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 845/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.560	.234	-.06894	.01641	.25761	-.02707	.00069	-.00421	.05888	-.01967	-9.22220	2.44600
199.680	100.390	-.04731	-.00862	.25741	-.01871	-.00763	-.00123	-.02748	.02523	-9.13550	2.40440
199.480	200.320	-.04938	-.02958	.22002	-.01240	-.00967	-.00040	-.06506	.01958	-9.10110	2.40330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT581) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 792/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.993	-.075	-.08456	-.04878	.19256	.03519	-.00498	.00165	-.00143	.00088	-8.57110	.18683
99.058	99.822	-.11508	-.03851	.20500	.02564	-.01440	.00038	-.02703	.04050	-8.54420	.13361
100.280	199.910	-.10208	-.03974	.20066	.02855	-.00407	.00112	.00064	-.04737	-8.57420	.21901
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 793/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.170	199.800	-.04505	-.01305	.20561	-.00408	-.00011	-.00124	-.02045	.01965	-8.54600	.14347
149.700	99.832	-.03731	-.01891	.20347	-.01462	.00254	-.00232	-.00800	.02437	-8.55290	.14234
149.610	-.248	-.04939	-.01804	.20344	.01210	-.00499	.00060	-.01983	-.03372	-8.54450	.21615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 794/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.210	-.226	.04968	.01832	.21632	.00748	-.00555	.00016	-.02517	.00866	-8.52860	.16451
199.630	99.831	.03999	.01738	.20724	-.02053	.00148	-.00242	-.01169	.02444	-8.54600	.13939
199.200	199.800	.02409	.01645	.21169	-.00997	-.00285	-.00132	-.02412	.01171	-8.53430	.14925
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT582) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3030 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 819/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
97.943	-.205	-.17457	-.06913	.28048	-.01353	.00894	-.00387	-.08609	.02049	-8.89540	.30066
99.272	99.973	-.19759	-.07435	.20941	-.00967	.00144	-.00155	-.01524	.02146	-8.96080	.29925
101.940	199.870	-.14970	-.05644	.22018	-.00962	.00251	-.00203	.06689	.01315	-9.04450	.31341
	GRADIENT	.00003	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 820/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.920	199.760	-.01748	-.01215	.22938	-.00622	.00261	-.00233	-.00842	.00536	-8.96810	.31569
150.040	99.907	-.02549	-.00737	.21414	.00275	.00414	-.00269	-.00155	.00011	-8.98110	.31860
148.090	-.237	-.06377	-.00977	.29470	-.00928	.00620	-.00377	-.08282	.02089	-8.90520	.29500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 821/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.480	-.341	.05663	.06297	.29869	.05835	-.05796	.00476	-.00005	.02072	-8.98360	.30843
199.370	99.829	.13217	.07147	.23709	.00080	-.00174	-.00054	-.01777	.00626	-8.96730	.32391
199.220	199.770	.15431	.03495	.23096	.00209	-.00180	-.00106	-.04335	-.00602	-8.93730	.33051
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT583) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 847/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
98.217	99.820	-.22641	-.07431	.24288	.00444	.00082	-.00030	-.04720	-.01897	-9.11800	.39692
102.010	199.840	-.17442	-.06332	.22645	-.01566	.00453	-.00243	.07655	.02963	-9.24290	.35271
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT583) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 848/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
147.810	199.820	-.04299	.00087	.23642	-.02336	.00423	-.00313	-.09350	.04958	-9.07070	.32545
150.880	100.020	-.00719	-.01182	.24896	.01280	.00636	-.00170	-.02051	-.01950	-9.15660	.39369
148.310	-.318	-.04625	-.00254	.31949	.00203	-.00091	-.00200	-.06927	.03624	-9.10560	.34111
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 849/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
196.150	-.231	.11433	.02657	.26644	.12874	-.00620	.01139	-.13404	.03255	-9.02730	.35354
199.170	99.840	.18408	.08400	.27096	.00084	.00362	.00032	-.02524	.01857	-9.15100	.35744
198.710	199.710	.18579	.05624	.23865	.00431	-.00487	.00122	-.03526	.03069	-9.12710	.35277
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT584) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 795/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.723	-.107	-.11813	-.05842	.17741	-.00209	.00135	-.00062	-.01733	.00870	-8.54550	.17704
100.740	99.785	-.10471	-.04453	.18917	-.01918	.00043	-.00238	.02659	.02932	-8.59120	.14685
99.105	199.760	-.13359	-.03686	.18710	-.00094	.00062	-.00121	-.02638	-.01133	-8.53890	.18708
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 796/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.570	199.860	-.07888	-.02623	.20191	-.00904	.00237	-.00200	.06299	.02258	-8.62300	.15129
150.350	99.799	-.05760	-.03034	.19896	-.01523	-.00038	-.00260	.00405	.01779	-8.56400	.16097
149.140	-.230	-.07231	-.03704	.18589	-.00819	.00046	-.00061	-.01165	-.00011	-8.54580	.17969
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT584) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 797/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.330	-.224	-.02027	.00066	.21376	-.01143	.00049	-.00205	.09822	.02021	-8.64880	.16459
200.290	99.814	-.00375	-.00683	.20677	-.01618	.00727	-.00318	.00033	.01499	-8.55580	.16361
199.080	199.770	-.02263	-.01149	.20247	-.01520	.00314	-.00253	-.03547	.04582	-8.51980	.12661
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT585) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 822/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.090	-.096	-.07046	.03282	.21893	.03736	.00262	-.00562	-.05336	.01071	-8.90200	.32594
100.020	99.860	-.14073	-.06400	.19428	.09293	-.05543	.01004	-.02384	-.03287	-8.94390	.37663
100.520	199.760	-.13567	-.04762	.20536	.00140	-.00696	-.00107	.03085	.00551	-8.99980	.33776
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 823/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.480	199.850	-.07059	-.02388	.22024	.00638	.00082	-.00098	-.04604	-.02013	-8.92180	.35619
150.490	99.919	-.03895	-.03599	.21578	-.00067	.05131	-.00534	.00616	-.09977	-8.97320	.43485
151.090	-.266	-.04293	.01683	.23392	.06719	.05560	-.00349	.06477	-.08521	-9.02040	.42455
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 824/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.410	-.183	.04881	.03444	.18601	.10287	.01638	.00879	-.06483	-.07164	-8.89160	.41009
199.630	99.750	.05336	.01587	.24291	.00238	.00777	-.00183	-.00322	-.05418	-8.96050	.38845
200.110	199.920	.07306	.00506	.22709	-.01466	.00463	-.00186	.00674	.02568	-8.97210	.31216
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT586) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 850/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.440	-.258	-.11034	.04640	.20032	.01847	.03665	-.00305	.04301	-.02282	-9.19370	.44959
98.760	99.916	-.32149	-.06141	.25719	.01417	-.02517	.00276	-.06012	.03797	-9.10490	.38150
99.510	199.810	-.22316	-.04632	.21802	-.00956	.00916	-.00286	.00166	.03663	-9.16760	.36262
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 851/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.880	199.850	-.04278	-.03032	.21783	.02042	.00819	-.00014	-.02899	-.01826	-9.13470	.44823
147.500	99.934	-.10811	-.03368	.24735	.00903	.00399	-.00036	-.09318	.03360	-9.07000	.38274
143.220	-.310	-.04851	.03838	.14938	-.02644	.04533	-.00845	-.17599	-.00985	-8.97780	.44280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 852/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.290	-.121	.07767	.05932	.11835	-.02433	.02654	-.00632	.00345	-.05306	-9.16080	.48141
200.020	99.882	.05021	.03530	.27975	.08711	-.05934	.00586	-.00317	.07955	-9.15600	.34577
200.520	199.740	.08119	.01703	.24261	.00830	.00337	-.00213	.00743	-.01607	-9.16830	.44251
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT587) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 798/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.080	-.157	-.12908	-.05049	.18374	-.00244	-.00080	-.00121	-.01027	.00899	-8.54930	.15271
100.170	99.935	-.13336	-.03857	.17551	-.00898	.00194	-.00211	.01183	.01316	-8.57240	.13920
99.747	199.830	-.14502	-.02992	.17342	-.02741	.00134	-.00388	-.00601	.03831	-8.55790	.12112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON   (OVT587)   (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = .000
ALPHAB = -8.000   BETAB = .000
Y = 100.000   JET PC = 642.000
MACH = 4.500

RUN NO. 799/ 0   RN/L = 1.54   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.020	199.720	-.10888	-.02460	.18317	-.02741	.00229	-.00359	.03455	.00654	-8.59700	.15257
149.530	99.853	-.10745	-.02831	.18231	-.01795	.00350	-.00237	-.01810	.00164	-8.53600	.15410
149.500	-.279	-.10720	-.03151	.19482	-.01566	.00358	-.00281	-.01869	.01060	-8.53270	.14433
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 800/ 0   RN/L = 1.54   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.520	-.285	-.07132	-.00921	.21039	-.02304	.00248	-.00271	.05921	.01740	-8.60650	.14448
200.200	99.867	-.06412	-.01205	.19056	-.02137	.00224	-.00197	.00194	.01171	-8.55230	.14625
200.420	199.790	-.05277	-.01219	.18847	-.02708	.00244	-.00258	.00943	.01761	-8.56900	.14128
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON   (OVT588)   (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = .000
ALPHAB = -8.000   BETAB = .000
Y = 100.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 825/ 0   RN/L = 1.54   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.265	-.112	-.12365	-.04237	.23713	.00606	-.00037	-.00152	-.09299	-.01099	-8.87330	.33089
100.660	99.886	-.17086	-.07830	.19935	-.01099	.00002	-.00080	.01382	-.01541	-8.98420	.33509
101.780	199.880	-.13957	-.05276	.19196	-.01051	-.00352	-.00093	.06732	.01159	-9.03850	.31111
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 826/ 0   RN/L = 1.54   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.520	99.843	-.10495	-.04250	.22523	.00423	-.00612	-.00023	-.05294	-.02815	-8.91370	.34841
149.600	-.321	-.04213	-.00369	.24012	-.02298	-.00595	-.00213	-.01893	.04190	-8.94500	.28456
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT588) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 827/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.550	-.273	-.00976	.02040	.24254	-.01396	-.01797	.00283	.07419	.03103	-9.03600	.29570
198.700	99.894	-.01381	-.00899	.24749	.00955	-.00610	.00011	-.05685	-.05349	-8.90530	.37442
200.550	199.740	.00231	-.01075	.22473	-.01187	-.00513	-.00125	.00936	.03505	-8.97630	.29026
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT589) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 853/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.569	-.210	-.07824	-.00132	.22771	-.02508	.00969	-.00549	-.05898	.03182	-9.09830	.38021
103.080	99.943	-.06837	-.05435	.22748	-.00235	-.00339	-.00016	.09177	-.00721	-9.25040	.41673
101.150	199.840	-.15745	-.05815	.19964	-.01809	.00259	-.00183	.02895	.00638	-9.19310	.40076
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 854/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.480	199.770	-.08913	-.03474	.23162	-.01676	.01276	-.00232	.08004	-.00963	-9.24120	.41671
149.340	99.848	-.13554	.00857	.27631	-.03514	.00398	-.00217	.01541	.07907	-9.17020	.32713
151.150	-.249	-.00419	.02187	.20768	-.01289	.00906	-.00518	.01671	-.02672	-9.17360	.43710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 855/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	-.185	-.03758	.05455	.22746	-.03210	-.00347	-.00499	.00473	.07022	-9.16090	.34196
200.140	99.906	.01928	.01932	.26435	-.02175	-.00671	.00129	-.01374	.01938	-9.14080	.39217
198.730	199.850	.00799	-.00998	.24327	-.02281	-.00075	-.00144	-.04209	.01132	-9.11630	.39699
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT590) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 801/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.579	-4.065	-.07880	-.04707	.19883	.02105	.00784	-.00252	-.01299	-.01262	-8.54680	-1.80670
99.656	96.048	-.09035	-.04961	.19693	.03016	.00020	.00086	-.02349	.00537	-8.54460	-1.83600
99.401	195.960	-.11781	-.03672	.20548	-.00273	.00005	-.00108	-.01829	.04882	-8.55230	-1.87930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 802/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.360	195.920	-.06404	-.00683	.21314	-.01139	.00259	-.00202	.09685	.02099	-8.66550	-1.85510
150.500	95.926	-.03135	-.01821	.20334	-.01654	.00007	-.00228	-.00859	.01372	-8.55810	-1.84120
149.330	-4.126	-.05094	-.01252	.20998	-.00917	.00456	-.00171	-.01542	-.00087	-8.55110	-1.81790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 803/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.050	-4.232	.03957	.02591	.22803	-.01359	-.00124	-.00035	-.02758	.02896	-8.52690	-1.85550
199.810	95.991	.03856	.01950	.21560	-.01782	.00007	-.00232	-.01033	.00731	-8.55040	-1.83380
199.660	196.040	.03552	.01612	.21756	-.01137	-.00191	-.00163	-.01381	.00679	-8.54840	-1.83810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT591) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 828/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.08406	.01062	-8.39390	-1.67250
99.422	95.978	-.19087	-.06832	.22273	-.02538	-.00634	.00059	[illegible]	[illegible]	[illegible]	[illegible]
101.610	195.860	-.15838	-.05221	.22357	-.00620	-.00141	-.00111	.03417	-.02443	-9.01450	-1.63080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT591) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 829/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.690	195.880	-.00505	-.01236	.23046	-.01567	.00198	-.00228	-.01412	.00679	-8.96350	-1.66720
149.820	95.974	-.02289	-.00387	.21789	-.00469	.01130	-.00398	-.00902	-.01950	-8.97320	-1.64460
147.760	-4.241	-.04952	-.00537	.30321	.00154	.00352	-.00171	-.07054	.02432	-8.89420	-1.69900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 830/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.660	-4.244	.10872	.03952	.30051	.08031	-.05805	.01196	.01007	-.03404	-8.97690	-1.62860
199.240	96.063	.14070	.06565	.24830	-.00936	.00662	-.00357	-.01372	.01673	-8.96020	-1.67890
199.150	195.880	.14709	.03862	.24067	-.01201	.00157	-.00202	-.04105	.02376	-8.93010	-1.68660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT592) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 856/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.300	-4.121	-.16850	-.05856	.31208	-.01748	.00484	-.00282	.01166	.01837	-9.17460	-1.62100
97.682	95.956	-.23221	-.07909	.24647	-.00387	-.00027	.00063	-.08927	.00786	-9.07500	-1.60670
101.840	196.020	-.19767	-.06051	.23388	-.01253	-.00345	-.00074	.06663	.03791	-9.23530	-1.63450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 857/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.400	195.820	-.01379	-.00888	.23596	-.02243	.00069	-.00245	-.04990	.00639	-9.11550	-1.61030
149.970	95.951	-.01384	-.00889	.25173	.00124	.00852	-.00349	-.01458	-.01959	-9.15930	-1.59510
149.940	-4.224	.00583	-.00396	.31145	-.01308	.01673	-.00451	.02013	.00595	-9.18620	-1.61750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT592) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 858/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.010	-4.081	.16528	.03067	.17431	.18047	-.10783	.01416	.03697	.15817	-9.19420	-1.75980
202.130	95.973	.19689	.07836	.28456	-.01698	.01940	-.00583	.07396	-.05269	-9.24720	-1.56150
198.270	195.820	.17780	.05146	.25104	-.02590	.01103	-.00498	-.05499	.04169	-9.10810	-1.64960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT593) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 804/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.878	-4.117	-.11927	-.05949	.18437	-.01255	.00401	-.00239	-.00873	.00846	-8.55430	-1.83970
101.200	95.884	-.09279	-.04766	.19189	-.01512	-.00108	-.00217	.03751	.02769	-8.60840	-1.86370
98.945	195.850	-.12285	-.03965	.18830	-.02099	.00610	-.00272	-.02886	.03761	-8.53670	-1.88590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 805/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.590	195.970	-.07152	-.02695	.20344	-.01065	.00579	-.00255	.06073	.00114	-8.62190	-1.84300
150.000	96.031	-.05984	-.02811	.20547	-.01619	.00230	-.00285	-.00085	.03262	-8.55960	-1.86750
148.900	-4.112	-.07471	-.03523	.19657	-.01492	.00220	-.00154	-.04406	.00462	-8.50910	-1.83310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 806/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.880	-4.182	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
201.090	96.062	.00929	-.00727	.20988	-.00688	.00235	-.00182	.02513	.01557	-8.57980	-1.85200
198.750	195.780	-.02381	-.00965	.21016	-.00932	.00246	-.00236	-.04172	.01473	-8.51410	-1.84970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT594) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 831/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	-4.252	-.03878	-.01717	.23543	.09201	-.01204	.00239	.00318	.08212	-8.96290	-1.74660
100.990	95.875	-.11917	-.06750	.19926	.14608	-.13246	.01967	-.00049	.04576	-8.97090	-1.71290
99.494	195.930	-.15147	-.04679	.20833	.00043	-.00506	-.00085	-.03108	-.09665	-8.94310	-1.56320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 832/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.420	195.830	-.05082	-.02429	.21836	-.00494	-.00101	-.00072	-.03615	.04143	-8.93580	-1.70240
148.380	95.950	-.09281	-.02387	.22526	-.00658	.02142	-.00506	-.06337	-.04746	-8.90760	-1.61890
151.260	-4.179	.00262	.01612	.22142	.10701	.02266	.00453	.02628	-.09193	-8.98370	-1.56970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 833/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.930	-4.049	.06325	.04815	.19157	.14401	-.10483	.02072	-.02502	.02439	-8.93460	-1.68490
198.670	96.030	.06486	.01904	.24567	.02652	-.01234	-.00061	-.07958	-.05761	-8.88550	-1.60900
200.070	196.020	.08015	.00736	.23072	-.00654	.00322	-.00174	.00117	.00425	-8.96910	-1.67310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT595) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 859/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.110	-4.173	-.04280	.03255	.18063	.01594	.01812	-.00509	.03008	-.00738	-9.18130	-1.59490
101.150	96.063	-.24847	-.07507	.24184	-.00565	-.00464	.00032	.03161	.01185	-9.19610	-1.62260
103.000	195.830	-.17639	-.05702	.20673	.02177	-.00586	.00150	.09516	-.03307	-9.26210	-1.56770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT595) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 860/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.700	195.840	-.06109	-.02249	.22426	.01016	-.00356	.00113	-.02565	-.00493	-9.13800	-1.60180
148.230	95.948	-.09882	-.02748	.25188	.00671	.00271	-.00095	-.06811	-.00515	-9.09160	-1.61050
152.450	-4.300	.09871	.01592	.13408	.09317	-.02424	.00847	.04655	.01397	-9.19950	-1.62080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 861/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.090	-4.123	-.01090	.07224	.16755	.01344	.02836	-.00382	-.02280	-.02573	-9.13270	-1.57950
201.280	95.957	.10136	.03047	.27649	.03114	.00340	-.00059	-.00486	.02266	-9.15170	-1.63300
199.400	195.880	.09504	.01622	.24298	.00790	-.01146	.00052	-.02322	.06685	-9.13630	-1.67870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT596) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 807/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.912	-4.123	-.12611	-.05082	.18943	-.02849	.00873	-.00431	-.02363	.02628	-8.53280	-1.84080
99.817	95.938	-.14849	-.03582	.18471	-.00441	.00043	-.00145	-.00505	.00874	-8.55430	-1.83290
100.180	195.960	-.15505	-.02714	.18072	-.03086	.00115	-.00455	.00115	.04264	-8.56740	-1.86080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 808/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.200	95.886	-.11550	-.02668	.18890	-.02835	.00547	-.00312	-.02732	.01086	-8.52450	-1.82460
149.400	-4.164	-.11820	-.03030	.20379	-.01854	.00394	-.00286	-.02573	.00263	-8.52330	-1.82560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT596) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 809/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.950	-4.262	-.06722	-.00875	.21841	-.02167	.00226	-.00276	.07851	.03532	-8.62440	-1.85230
199.700	95.960	-.07906	-.00849	.19697	-.02506	.00554	-.00231	-.01161	.00883	-8.53680	-1.82740
200.800	196.060	-.05913	-.01008	.19226	-.02786	.00207	-.00271	.00785	.02096	-8.56790	-1.83690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT597) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 834/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.875	-4.047	-.08800	-.05323	.23303	-.01361	.00512	-.00290	-.05641	.01957	-8.91260	-1.68010
99.111	96.042	-.18735	-.07724	.21067	-.01324	-.00236	-.00265	-.03066	.00630	-8.94150	-1.67190
102.490	195.920	-.13660	-.05060	.19790	-.01535	-.00111	-.00168	.07698	-.00781	-9.05230	-1.65380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 835/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.840	195.830	-.08509	-.03043	.22052	-.02990	-.00061	-.00387	.06330	.03363	-9.03670	-1.69460
148.790	95.936	-.09491	-.04360	.23048	-.01557	-.00254	-.00158	-.04254	.00334	-8.92650	-1.66620
149.690	-4.153	-.02239	-.00902	.24402	-.00941	-.00915	-.00067	-.02003	.01326	-8.94760	-1.67450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 836/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.610	-4.186	.00762	.01892	.24813	-.03189	-.01343	-.00185	.06947	.03096	-9.03210	-1.68670
197.970	95.941	-.02540	-.00389	.25816	-.03030	.00419	-.00406	-.09746	-.01442	-8.86520	-1.64240
201.090	195.850	.00798	-.01016	.22631	-.02035	.00708	-.00296	.01384	.03356	-8.98240	-1.69640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT598) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 862/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.287	-4.228	-.03930	-.00927	.22063	-.00034	-.00502	-.00107	-.07193	.01279	-9.08380	-1.61670
101.270	96.039	-.11559	-.05294	.23712	-.02090	.00075	-.00159	.01116	.03271	-9.17030	-1.63990
99.390	195.990	-.13048	-.06439	.19719	-.01289	-.00535	.00127	-.03503	.03636	-9.12850	-1.64310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 863/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.470	195.810	-.06857	-.03601	.22926	-.01013	-.00321	-.00064	.09448	.00841	-9.25460	-1.61660
148.850	95.979	.01843	-.02114	.25194	-.02334	-.00851	-.00138	-.05636	.02724	-9.09850	-1.63420
150.040	-4.259	-.03631	.02823	.22078	-.02600	.00737	-.00293	.03361	-.00947	-9.18860	-1.59060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 864/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.970	-4.274	-.00571	.05198	.21814	-.00797	-.00559	-.00098	-.05953	-.01181	-9.09510	-1.59030
200.110	95.934	.05725	.01152	.26562	-.01693	.00556	-.00089	-.02592	.02084	-9.12690	-1.52320
198.180	195.910	.01498	-.00882	.24026	-.03063	.00882	-.00369	-.06948	.00770	-9.08740	-1.6.020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT599) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2157/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.900	-2.330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
98.181	97.445	-.16907	-.05342	.17305	-.12737	-.01181	-.00209	-.07105	10.06400	-8.89750	4.24880
100.410	197.410	-.18695	-.02764	.16931	-.10265	-.02057	-.00052	.02430	9.99730	-8.99480	4.31560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT599) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2158/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.420	197.710	-.17751	-.02296	.18006	-.12755	-.02130	-.00292	.01022	10.05700	-8.98210	4.24830
150.080	97.287	-.14515	-.04243	.17919	-.10968	-.01271	-.00355	-.01468	9.97490	-8.94720	4.32480
150.550	-2.489	-.13775	-.02657	.19995	-.08699	.00134	-.00433	.02298	9.95970	-8.98280	4.34980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2159/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.280	-2.486	-.14351	-.00243	.21344	-.08305	.00059	-.00318	.02536	10.01100	-8.97490	4.30390
199.000	97.512	-.14895	-.01812	.19630	-.11413	-.02085	-.00200	-.03308	10.00400	-8.91940	4.29630
199.980	197.390	-.16140	-.01234	.18527	-.14209	-.01917	-.00425	-.00459	10.03500	-8.94910	4.26110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT600) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2160/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.573	.472	-.16390	-.03401	.21214	-.11215	.03185	-.01378	-.03918	10.01900	-8.92120	2.30320
99.011	100.250	-.17547	-.06220	.18150	-.12643	.00351	-.00497	-.05565	10.09600	-8.90590	2.22510
99.797	200.470	-.19276	-.04922	.18719	-.15489	.01470	-.00801	-.01528	10.02500	-8.94330	2.29150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2161/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.770	200.450	-.10938	-.03446	.20075	-.13728	.00287	-.00702	.09612	10.02400	-9.04930	2.28910
149.450	100.250	-.12949	-.03044	.21174	-.10420	-.00016	-.00414	-.02449	9.98440	-8.93030	2.33530
150.850	.461	-.11819	-.01178	.21651	-.09151	.03600	-.01059	.03178	9.93800	-8.98580	2.39480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT600) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2162/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.310	.327	-.06400	.00369	.21011	-.08787	.03530	-.01008	.07981	10.01500	-9.03280	2.31870
200.110	100.040	-.04340	-.00614	.21840	-.10432	.01233	-.00525	-.00220	10.07000	-8.94800	2.25330
199.260	200.230	-.05908	-.01143	.22005	-.15785	.00510	-.00869	-.02891	10.09100	-8.91920	2.22250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT601) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2163/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.854	.352	-.16727	-.04374	.20649	-.10889	.01641	-.00840	-.02395	10.02200	-8.93290	2.30510
99.202	100.330	-.17689	-.06312	.18191	-.12354	-.00420	-.00445	-.04194	10.07700	-8.91340	2.24790
100.390	200.430	-.18551	-.05474	.18531	-.15616	.00614	-.00752	-.01091	10.03000	-8.95560	2.29210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2164/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.090	200.480	-.15809	-.03864	.20100	-.17853	.00304	-.00871	.04044	10.06100	-9.00030	2.26080
150.040	100.200	-.15107	-.04601	.18852	-.12601	-.00763	-.00516	-.00922	9.97720	-8.94900	2.35230
150.470	.360	-.14980	-.02249	.21631	-.09453	.02041	-.01002	.02640	9.92090	-8.97930	2.41060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2165/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.650	100.330	-.11974	-.01836	.20058	-.12635	-.01032	-.00410	-.02297	10.01800	-8.92850	2.30680
200.840	200.280	-.08121	-.02794	.20487	-.20238	-.00353	-.00870	.01451	10.08000	-8.96570	2.23670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT602) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2166/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.597	.021	-.06421	-.01522	.18642	-.08880	.07612	-.02381	-.04034	10.04900	-8.91870	.27830
99.976	99.907	-.16898	-.06968	.21331	-.12457	.00362	-.00598	-.01489	10.00600	-8.95480	.32698
98.169	200.020	-.27770	-.02196	.22564	-.14055	.01462	-.01000	-.02789	10.01400	-8.93940	.31145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2167/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.050	199.880	-.09234	-.01971	.21017	-.18052	.00086	-.00559	-.03732	10.01700	-8.93310	.30837
150.780	99.770	-.06454	-.01988	.22468	-.12370	-.00089	-.00332	.01418	9.95710	-8.98400	.36911
149.650	-.256	-.00782	.01475	.17213	-.04950	.08267	-.01919	-.01450	9.98180	-8.94930	.34848
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2168/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.750	99.819	.07791	.02692	.23737	-.12728	.00920	-.00404	.01123	10.00500	-8.97990	.32040
199.670	199.760	.07167	.01879	.21613	-.19331	.01890	-.00677	-.01885	10.06300	-8.94790	.26086
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT603) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2169/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.580	-.027	-.06301	-.02306	.20773	-.05829	.06654	-.01931	.01645	10.00300	-8.98330	.30849
99.635	99.767	-.13360	-.04279	.19956	-.07566	.02312	-.00696	-.02333	10.02700	-8.94250	.28487
99.944	199.800	-.14000	-.03902	.19172	-.10159	.03081	-.01053	-.00802	10.02700	-8.95620	.28516
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT603) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2170/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
153.720	199.830	-.03492	-.02498	.20060	-.11504	.02864	-.00904	.09885	10.03500	-9.06390	.27793
152.090	99.609	.03262	-.02280	.20095	-.07828	.03924	-.00655	.05654	9.95140	-9.02110	.36196
148.870	-.294	-.03538	.01144	.19958	-.06732	.06958	-.01710	-.01361	9.93480	-8.94800	.38275
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2171/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.760	-.176	.02202	.03591	.19804	-.07776	.06159	-.01378	-.01312	10.01600	-8.94530	.29752
200.430	99.752	.05368	.01810	.21614	-.04225	.00347	-.00693	-.01445	10.10000	-8.94800	.21398
199.070	199.870	.02833	.01252	.21949	-.11284	.02738	-.00714	-.03371	10.04200	-8.92890	.27040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT604) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2172/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	.026	-.09983	-.05352	.20225	-.11693	.02926	-.01399	-.00162	10.03700	-8.96420	.30797
97.833	99.780	-.16149	-.06692	.18547	-.14644	.01607	-.00883	-.08458	10.07600	-8.88430	.26957
99.652	199.740	-.18508	-.05412	.18656	-.14430	.00730	-.00756	-.01072	10.02900	-8.95580	.31449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2173/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.390	199.680	-.12979	-.03182	.20385	-.15122	.01473	-.00925	-.02833	10.00700	-8.93360	.33510
149.820	99.655	-.13536	-.02979	.21928	-.12616	.00796	-.00690	-.00581	9.98550	-8.95810	.35910
148.930	-.173	-.11565	-.01754	.23337	-.10300	.03519	-.01463	-.04006	10.05800	-8.92210	.29440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT604) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2174/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.560	-.197	-.05464	.00056	.22622	-.10549	.04362	-.01305	.08600	9.99900	-9.04810	.36052
199.120	99.777	-.06483	.00178	.23683	-.12171	.00924	-.00738	-.03775	10.02200	-8.92210	.32880
200.630	199.570	-.03479	-.01227	.21953	-.17560	.02298	-.01190	-.00740	10.03500	-8.95470	.30856
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT605) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2175/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.470	-4.069	-.05179	-.01283	.18077	-.08614	.07437	-.02265	.09307	9.96350	-9.06150	-1.63010
102.410	95.952	-.18341	-.06419	.22823	-.12496	.00357	-.00608	.03389	10.07100	-9.00830	-1.73590
101.600	195.900	-.14258	-.05859	.20737	-.14884	.03251	-.01074	.04155	9.98340	-9.01620	-1.65370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2176/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.010	195.890	-.08123	-.01238	.21601	-.20067	.01325	-.00870	-.02048	10.02300	-8.95360	-1.70020
150.780	95.927	-.04878	-.01402	.22847	-.13918	.00811	-.00595	.05027	9.96160	-9.01990	-1.63270
149.680	-4.190	-.00467	.02145	.17425	-.05516	.08531	-.01791	-.04222	10.00000	-8.91910	-1.67390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2177/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.420	-4.001	.08985	.05313	.16674	-.03732	.07520	-.01361	-.06252	10.02400	-8.90300	-1.69250
200.950	96.006	.13692	.04148	.24249	-.13111	.00359	-.00336	.01286	10.02400	-8.99120	-1.69290
198.670	195.770	.10169	.03267	.22611	-.19336	.00313	-.00743	-.05728	10.08500	-8.91920	-1.76020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT606) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2178/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.510	-3.961	-.06456	-.02957	.21402	-.07836	.06714	-.01884	.00105	10.01600	-8.96390	-1.70100
101.670	95.969	-.10047	-.04955	.19923	-.10607	.03605	-.01220	.03934	10.02100	-9.00370	-1.70370
98.969	196.010	-.14799	-.04016	.19653	-.12563	.02612	-.01212	-.02008	10.06500	-8.94590	-1.74710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2179/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.770	196.030	-.05321	-.02672	.20591	-.15506	.03228	-.00909	-.00666	10.03100	-8.96220	-1.71310
149.220	95.971	-.12076	.01697	.23368	-.14122	.03803	-.01222	-.01734	9.98750	-8.95110	-1.66990
148.830	-4.217	-.02383	.00961	.21101	-.05002	.06145	-.01532	-.03625	9.97680	-8.92600	-1.65720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2180/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.810	-4.006	.05810	.03316	.21417	-.07966	.05792	-.01273	-.01901	10.00100	-8.94390	-1.68050
200.340	96.020	.09143	.01157	.22561	-.08432	.03095	-.00418	-.02205	10.08600	-8.94240	-1.76830
198.600	195.920	.03515	.01330	.22643	-.13213	.02829	-.00878	-.06410	10.07300	-8.90880	-1.75460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT607) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. [illegible]

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.092	-4.029	-.10305	-.05711	.21779	-.11861	.02684	-.01254	-.04049	10.04700	-8.92920	-1.69210
97.061	95.868	-.19931	-.06349	.20054	-.15877	.01952	-.01092	-.09269	10.07700	-8.87950	-1.72460
100.990	196.220	-.17734	-.05324	.19294	-.15788	.01781	-.00973	.02714	10.03700	-8.99700	-1.68560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT607) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2182/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.800	196.000	-.12579	-.03367	.21164	-.17433	.01670	-.01185	-.02213	10.01800	-8.94350	-1.66260
151.300	95.857	-.07818	-.04018	.21706	-.14911	.02445	-.01036	.01738	9.96870	-8.98450	-1.61300
150.820	-4.082	-.06430	-.02616	.23028	-.11430	.04394	-.01288	.02141	9.93830	-8.98850	-1.57320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2183/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.720	-4.211	-.03441	-.00138	.24411	-.08831	.03169	-.01022	.05722	10.01000	-9.02330	-1.64300
199.840	95.998	-.03513	-.00480	.23558	-.14845	.02810	-.01110	.00894	10.09600	-8.97190	-1.73270
199.620	195.990	-.04097	-.01115	.22762	-.17104	.01270	-.01164	-.00542	10.07700	-8.95680	-1.72240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT608) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2293/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.119	-2.976	.01131	-.07752	.13244	-.00404	-.00199	-.00139	9.98500	.04416	-4.90990	4.31160
.598	97.004	.00560	-.06626	.14222	.00663	.00037	-.00153	10.00200	-.00017	-4.93560	4.36180
.625	197.190	-.00200	-.04496	.17673	.01283	.00354	-.00110	10.01100	.01520	-4.95480	4.35110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2294/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.680	196.980	.02832	-.04811	.16291	-.01071	.00366	-.00166	10.02300	.05980	-4.95280	4.28110
99.874	96.948	.02527	-.05482	.14929	-.00523	-.00100	-.00158	9.98520	.01943	-4.91150	4.32730
100.290	-3.079	.04934	-.06647	.15629	.00187	.00054	-.00224	9.99450	.00142	-4.91330	4.34680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT608) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2295/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.820	-2.948	.08454	-.02877	.17447	-.00438	.00053	-.00102	10.08700	.03306	-4.98900	4.30710
200.880	97.052	.09012	-.03545	.15441	.00017	-.00625	-.00140	9.99340	.02441	-4.91660	4.32510
200.050	197.090	.09112	-.03702	.14927	.00273	-.00209	-.00050	9.99300	.00176	-4.91370	4.34210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT609) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2269/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.200	.040	-.00632	-.10018	.14002	-.01358	.00719	-.00194	9.98850	.01265	-4.92420	2.34770
.809	100.060	-.00441	-.08883	.15060	-.00479	-.00213	.00052	10.00900	.02953	-4.95500	2.34200
1.318	199.930	.02818	-.07336	.13349	-.01267	.00045	.00020	10.05800	.02856	-4.98560	2.28450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2270/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.100	200.100	.05664	-.07113	.14987	-.00244	-.00672	-.00078	10.02200	.01202	-4.95220	2.33100
99.895	99.988	.03587	-.06311	.14582	-.00172	.00015	.00033	9.98800	.01091	-4.92260	2.34650
99.584	.023	.03290	-.07121	.15831	.00846	-.00275	.00037	9.97040	.01358	-4.89790	2.33910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2271/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.590	-.081	.13356	-.03333	.17784	.01009	-.00379	.00058	9.97360	.02444	-4.88790	2.32440
201.500	99.973	.16719	-.03306	.14562	.00080	-.00263	.00129	10.04500	.00328	-4.96410	2.35310
200.730	199.940	.17631	-.03229	.15903	-.01158	-.00555	-.00019	10.00100	.03334	-4.93410	2.32720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT610) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2272/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.421	.037	.00688	-.08749	.13986	.01198	-.00101	-.00029	9.99650	-.01215	-4.92360	2.38000
.222	100.010	-.01454	-.07332	.14192	.01949	-.00257	.00140	9.98980	.03371	-4.92820	2.32960
.702	200.050	-.01944	-.04598	.17771	.00053	-.00221	.00070	10.01600	.04250	-4.95480	2.32380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2273/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.750	199.960	.05134	-.05906	.15433	-.00120	.00030	-.00082	10.05200	.01853	-4.97850	2.33270
99.336	99.990	.02350	-.05825	.14463	.00179	.00080	-.00057	9.97620	.00433	-4.89980	2.34290
99.870	-.113	.02944	-.06836	.16184	.00915	.00151	-.00072	9.97290	.01324	-4.89140	2.33980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2274/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.370	-.124	.09725	-.02820	.18488	.00085	.00230	-.00128	9.99790	.03320	-4.90440	2.31650
200.950	99.889	.12011	-.03683	.15141	.00632	-.00684	.00107	10.01500	.00516	-4.92590	2.34510
200.040	199.930	.10925	-.03982	.15289	-.00130	-.00499	.00078	9.97690	.02186	-4.89920	2.33200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT611) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2275/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.522	-.449	-.06191	-.10147	.14778	-.00472	-.00193	-.00133	9.96540	.03581	-4.90880	.34294
-.654	99.425	-.02765	-.06513	.15470	-.00420	-.00388	-.00053	9.96100	.01751	-4.90140	.32113
.078	199.570	-.03884	-.06148	.15411	-.00979	.00059	-.00150	9.98330	.03108	-4.92670	.29397
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT611) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	.000
ALPHAB	=	6.000	BETAB	=	.000
Y	=	.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 2276/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.693	199.550	.06623	-.04762	.18141	-.00182	-.00073	-.00095	9.98060	.01184	-4.90840	.33085
100.510	99.394	.08169	-.05252	.17372	-.00009	-.00776	.00134	10.00200	.03904	-4.92690	.31347
99.989	-.387	.07532	-.05182	.17622	.00923	-.00740	.00224	9.98450	.00268	-4.90720	.36399
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2277/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.470	-.607	.25813	.00859	.18821	.06034	.02180	.00106	9.96550	.01681	-4.87980	.34509
200.270	99.426	.27568	.02235	.18549	.02602	-.00532	.00214	9.98680	-.00248	-4.91370	.37695
199.770	199.560	.28893	.00093	.18192	.00296	.00103	.00018	9.97380	.03935	-4.89920	.31254
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT612) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	.000
ALPHAB	=	6.000	BETAB	=	.000
Y	=	50.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 2278/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.317	-.472	-.04285	-.09431	.14715	-.03005	-.00308	-.00108	9.98660	.05401	-4.92540	.28673
2.714	99.444	.02905	-.07953	.13864	-.01812	-.00209	.00032	10.09600	.00562	-5.02720	.29207
-.868	199.570	-.02565	-.06410	.14737	-.00471	.00420	-.00150	9.96190	-.00741	-4.89980	.29173
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2279/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.971	199.560	.05893	-.04837	.17596	.00119	.00074	-.00196	9.98250	.01808	-4.90770	.28519
101.050	99.455	.08964	-.05370	.14901	-.04792	.00478	-.00315	10.02500	.08097	-4.94570	.23505
100.880	-.478	.02740	-.06249	.16647	-.00335	.00096	-.00074	10.00300	.01304	-4.94460	.31543
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT612) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2280/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.460	-.652	.21266	-.00289	.21024	.04791	.00279	.00158	9.97100	-.02034	-4.89030	.35462
200.900	99.487	.22874	-.00265	.19238	.00228	-.00526	-.00053	10.01200	.09149	-4.93390	.23608
200.290	199.550	.24139	-.01255	.18114	.00248	-.00244	.00036	9.99470	.02339	-4.91860	.29415
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT613) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2281/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.345	-.502	-.02632	-.09017	.14406	-.00467	.00315	-.00100	9.99040	.03253	-4.91980	.33828
.918	99.417	-.02496	-.07889	.14687	-.00070	-.00339	.00028	10.01000	.02643	-4.94990	.35503
1.748	199.510	.02668	-.07248	.13120	-.02226	.00571	-.00030	10.05900	.02495	-4.98580	.29970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2282/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.400	199.550	.06419	-.07260	.14822	-.01206	-.00406	-.00151	10.02400	.03403	-4.95690	.32788
99.252	99.473	.02020	-.05857	.14630	-.00508	-.00304	.00035	9.97690	.01105	-4.90830	.36082
99.181	-.518	.00248	-.06029	.17546	-.00029	-.00205	-.00025	9.95690	.01579	-4.87950	.35452
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2283/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	-.550	.12572	-.01814	.19838	-.00106	.00509	-.00091	9.97810	.01561	-4.88890	.35304
200.540	99.416	.13026	-.02167	.16598	-.00329	-.00414	.00050	10.00200	.04350	-4.91660	.31900
201.300	199.550	.16732	-.02806	.16703	-.00872	-.00976	-.00026	10.01700	.03297	-4.94310	.33674
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT614) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2284/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.558	-4.481	-.06095	-.10280	.14306	.00220	-.00395	-.00064	9.91670	-.02232	-4.86040	-1.60850
2.744	95.525	-.01194	-.06988	.14859	-.00431	.00144	-.00252	10.09700	.01479	-5.04100	-1.67970
.135	195.450	-.01892	-.06967	.14709	-.00265	-.00082	-.00153	9.98930	.02403	-4.93720	-1.69460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2285/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.854	195.550	.05585	-.04399	.18215	-.01228	-.00773	-.00115	9.97590	.02450	-4.94650	-1.67780
100.040	95.494	.06125	-.04521	.18143	-.01232	-.00259	-.00140	10.00100	.01445	-4.96250	-1.66560
99.246	-4.575	.03088	-.03781	.20338	-.01396	.01353	-.00094	9.96360	-.00209	-4.92060	-1.63730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2286/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.530	-4.609	.30839	.01973	.18705	.19832	-.14773	.02917	10.01100	-.02036	-4.93100	-1.62420
198.150	95.410	.30195	.03963	.19003	-.00340	.00753	-.00059	9.95060	.02505	-4.85950	-1.67500
201.060	195.620	.33184	.01666	.18741	.00543	-.00366	.00057	9.98370	.03754	-4.91580	-1.69220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT615) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2287/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA		
-.018	-4.528	-.05933	-.08381	.16873	-.01999	-.00185	-.00060	9.98140	.01207	-4.91850	-1.66270
3.218	95.495	.02772	-.07786	.14483	.01150	-.00301	-.00166	10.09600	-.02990	-5.03370	-1.66530
-1.418	195.520	-.04898	-.05860	.15671	-.00832	.00573	-.00183	9.94320	.02538	-4.88670	-1.73660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT615) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2288/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.950	195.510	.05010	-.04477	.17879	-.01111	.00395	-.00281	9.98590	.04274	-4.91010	-1.73710
99.552	95.376	.06135	-.04227	.17375	-.01441	.00177	-.00276	9.96930	-.03234	-4.88900	-1.64600
98.590	-4.599	.01723	-.05428	.18022	-.00643	.00038	-.00036	9.92330	.01497	-4.84820	-1.68840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2289/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.900	-4.630	.20820	.00767	.22671	.02895	.01038	-.00101	9.98060	-.04822	-4.89220	-1.61590
200.950	95.408	.23089	.00060	.20555	.00044	.00332	-.00117	10.01300	.05761	-4.92810	-1.72840
199.930	195.520	.23101	-.00917	.19316	-.00686	-.00225	-.00108	9.97760	.03616	-4.89490	-1.71540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT616) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2290/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.196	-4.488	-.04529	-.07903	.15768	-.01334	.00874	-.00328	9.98560	.03670	-4.90760	-1.68130
1.256	95.525	-.04204	-.06483	.16829	-.01240	.00394	-.00197	10.01900	.03280	-4.95760	-1.66920
1.405	195.490	.00239	-.06907	.14549	-.01626	-.00097	.00036	10.03800	.03737	-4.97290	-1.73550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2291/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.900	195.460	.03904	-.06673	.15804	-.01952	.00048	-.00183	10.03200	.02590	-4.95430	-1.68750
99.743	95.470	.00920	-.05122	.16674	-.00887	-.00033	-.00144	9.98360	.01424	-4.90760	-1.65950
99.326	-4.619	-.00556	-.05366	.19278	-.00195	-.00124	-.00078	9.96310	.01501	-4.87930	-1.66460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT616) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2292/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	-4.534	.12628	-.01313	.21514	.01074	.00458	-.00130	9.98250	.00377	-4.88810	-1.65420
200.000	95.479	.10916	-.01189	.18209	-.00827	-.00041	-.00047	9.99140	.05647	-4.90070	-1.70960
201.840	195.500	.16987	-.02380	.17348	-.01970	-.00628	-.00107	10.03700	.04789	-4.95330	-1.70220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT617) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2211/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.278	-2.735	.03223	-.08214	.11111	.00721	-.00009	-.00047	9.98630	.03102	-.88483	4.32180
.716	97.115	.02647	-.06297	.13900	.01296	.00193	-.00113	10.01200	.00442	-.92436	4.34350
.043	197.280	.00714	-.04544	.18030	.00197	.00141	-.00105	9.98740	.03458	-.90568	4.31810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2212/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.940	197.210	.03937	-.04479	.15396	-.01738	.00248	.00055	10.03500	.04742	-.93861	4.29690
99.815	97.113	.03411	-.05541	.15163	-.00464	-.00146	-.00043	9.97120	.02738	-.87294	4.30670
100.330	-2.884	.04553	-.06429	.14333	.00413	-.00492	.00130	9.99130	.01870	-.89478	4.32490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. [illegible]/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.880	-2.917	.08151	-.03535	.16099	-.00218	-.00166	-.00062	10.07500	.01614	-.97322	4.32350
200.010	97.094	.07399	-.02911	.15026	-.00370	-.00187	.00042	9.99780	.02091	-.89250	4.31970
200.750	197.230	.08234	-.02598	.15296	-.00410	.00135	.00114	10.00600	.01161	-.91172	4.33470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT618) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2214/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.215	.083	-.01279	-.08795	.12009	-.00598	-.00221	-.00157	9.97700	.02229	-.89375	2.34490
1.269	99.976	.00811	-.07303	.14504	.01236	-.00322	.00111	10.02800	.00063	-.95076	2.40070
1.109	200.110	.04748	-.07285	.12222	-.00594	-.00264	.00143	10.04200	.03502	-.94886	2.30920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2215/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.920	200.040	.07534	-.07524	.12982	-.00434	.00126	-.00216	10.01200	.00951	-.92094	2.36570
100.490	99.928	.08192	-.07388	.13693	-.00351	-.00490	.00071	9.99690	.03466	-.90865	2.34390
98.782	-.034	.04379	-.08070	.13170	-.00837	-.00669	.00124	9.94570	.04425	-.85288	2.32300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2216/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	-.152	.15722	-.04258	.16199	-.00927	-.00306	.00018	9.98450	.02774	-.88188	2.34210
200.920	99.856	.17040	-.03635	.14363	-.00651	.00163	-.00050	10.02200	.00153	-.92150	2.37530
201.020	200.030	.18843	-.03699	.14033	-.03026	.00149	-.00487	10.01200	.04420	-.92527	2.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT619) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2217/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.681	.072	.01376	-.08892	.11392	-.00376	.00192	-.00059	10.00700	.03353	-.90975	2.33380
.649	99.927	-.00296	-.06233	.15061	-.00255	.00108	-.00082	10.00900	.01893	-.92856	2.35000
.640	200.160	.00999	-.05370	.17084	.00624	.00023	-.00133	10.01400	.01567	-.93487	2.38080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT619) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2218/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.410	200.050	.06710	-.06049	.15287	-.00135	-.00067	-.00083	10.04300	.02970	-.94911	2.34080
99.560	99.914	.04250	-.06627	.14576	-.00745	-.00079	.00030	9.96330	.02581	-.87484	2.33850
99.596	-.042	.03210	-.06885	.14854	-.01103	.00256	-.00177	9.97500	.01913	-.87845	2.33730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2219/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.700	-.182	.09930	-.03699	.17400	-.01121	.00209	.00097	9.97440	.03974	-.88142	2.33280
200.650	99.916	.11034	-.03650	.15052	-.00651	-.00096	.00131	10.01000	.02172	-.91542	2.34330
200.270	200.060	.12162	-.04194	.15433	-.00161	-.00075	-.00051	9.99430	.01202	-.89972	2.36180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT620) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2220/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.969	-.384	.00613	-.08394	.13048	-.02939	-.01382	.00101	9.94290	.00052	-.86018	.33270
.414	99.582	.00499	-.07295	.14854	.00199	-.00094	-.00025	10.00000	-.04546	-.92221	.34944
.246	199.570	-.00753	-.07160	.14222	-.00145	.00166	-.00114	9.98270	.00162	-.91731	.30378
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2221/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.849	199.580	.08398	-.05123	.17056	.01453	.00527	-.00134	[illegible]	[illegible]	[illegible]	[illegible]
101.260	99.381	.11532	-.05690	.16113	.00721	.00378	-.00085	10.01700	.00873	-.93353	.32227
100.470	-.523	.13311	-.06130	.15816	-.01445	-.00147	.00070	10.00200	.04646	-.91148	.30253
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT620) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2222/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.070	-.568	.27930	-.00216	.20681	.01276	.00925	-.00046	9.95550	.01567	-.85627	.32465
201.130	99.405	.29177	.00589	.18220	.01363	.00361	.00013	10.02800	.02820	-.93580	.31343
199.250	199.530	.27613	-.00472	.18215	.01974	-.00499	.00130	9.96140	.02545	-.87041	.30657
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT621) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2223/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.451	-.485	-.02999	-.08602	.12532	-.00230	-.00559	.00045	9.97480	.03076	-.89131	.31849
.875	99.507	.06666	-.08425	.12255	-.00593	-.00116	.00047	10.01500	.00815	-.92184	.28231
-1.709	199.540	-.01696	-.06933	.14527	-.00790	.00796	-.00188	9.92800	.00751	-.85164	.27178
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2224/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.223	199.590	.05369	-.05044	.16948	.00201	-.00188	-.00216	9.96540	.01690	-.87011	.28439
101.530	99.408	.09938	-.05459	.16138	-.00252	-.00041	-.00108	10.03400	.01313	-.93629	.30113
101.410	-.624	.13308	-.06045	.14502	-.05473	-.00789	-.00263	10.02800	.09139	-.93610	.24723
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2225/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.330	-.630	.25419	-.02675	.18955	-.02511	.00411	-.00245	10.00200	-.00781	-.89891	.34878
200.780	99.389	.25421	-.01588	.17824	.00829	.00131	-.00085	10.01800	-.01220	-.92023	.34230
199.720	199.430	.23717	-.01850	.17403	-.00959	.00081	-.00146	9.97380	.05484	-.88202	.26676
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT622) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2226/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.228	-.457	-.00713	-.09256	.12032	-.00817	-.00038	-.00166	9.99240	.01995	-.91216	.33977
.838	99.424	-.01072	-.06748	.15026	.00457	.00021	-.00066	10.02200	-.00060	-.95047	.38492
1.808	199.440	.05346	-.07353	.12327	-.02125	.00069	.00028	10.05600	.05572	-.97087	.28194
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2227/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.570	199.480	.06713	-.06753	.14413	-.02059	.00191	-.00409	10.01200	.02006	-.92745	.35202
99.838	99.363	.05396	-.06418	.15439	-.00995	.00125	-.00104	9.98320	.01021	-.89586	.35505
98.909	-.523	.01825	-.06311	.16676	-.00968	-.00039	-.00151	9.95330	.02422	-.86155	.33654
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2228/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.000	-.684	.14679	-.02892	.18373	-.00153	-.00193	-.00049	9.98720	.01830	-.88482	.34589
200.460	99.443	.15391	-.03198	.15918	-.00608	-.00002	-.00070	10.00100	.02019	-.89887	.34365
200.710	199.440	.15698	-.02962	.15516	-.03312	.00283	-.00488	10.00400	.04411	-.91589	.33331
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT623) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2229/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.360	-4.403	-.01332	-.08236	.14372	-.02398	-.01036	.00029	9.96600	-.00580	-.88060	-1.67930
.496	95.396	-.02525	-.06991	.14851	.00191	.00122	-.00151	9.99860	-.03020	-.92496	-1.66330
-.385	195.430	-.05614	-.06519	.15565	.00084	.00224	-.00201	9.95860	-.00189	-.89371	-1.70170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT623) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2230/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.060	195.490	.08034	-.04808	.17457	.00405	-.00333	-.00130	9.98710	.02073	-.90828	-1.71040
99.782	95.359	.06203	-.04341	.17904	.00581	-.00111	-.00082	9.97980	.02171	-.89856	-1.70320
101.270	-4.525	.10889	-.04623	.17762	.00254	.00061	-.00117	10.03600	.02247	-.94338	-1.68600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2231/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.410	-4.542	.32566	.02102	.20613	.06047	.01580	.00898	9.99940	-.05397	-.89780	-1.60590
200.520	95.441	.31967	.02923	.18724	.00687	.01055	-.00053	10.01000	.08245	-.91168	-1.74190
200.090	195.420	.32894	.00897	.18481	.00559	.00264	-.00025	9.97210	.03488	-.88576	-1.70630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT624) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2232/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.012	-4.416	-.04726	-.07711	.14258	-.01030	.00216	-.00245	9.98960	.02588	-.89880	-1.70230
1.635	95.386	-.00524	-.06804	.15272	-.01256	.00725	-.00182	10.04600	.01410	-.95082	-1.74810
-.639	195.460	-.04105	-.06656	.16109	-.00992	.00397	-.00188	9.95780	.02252	-.87688	-1.76960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2233/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.794	195.500	.04850	-.04885	.18130	-.00009	.00214	-.00290	9.97340	.02190	-.88046	-1.74810
101.480	95.347	.09689	-.05370	.17209	-.01465	.00320	-.00280	10.03300	.03394	-.93460	-1.73950
101.420	-4.502	.12413	-.05411	.16129	-.04491	-.00841	-.00309	10.02300	.08304	-.93517	-1.76500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT624) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2234/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.990	-4.574	.22717	-.00898	.20672	-.03462	.00086	-.00312	9.98290	.03639	-.87901	-1.71730
200.740	95.388	.24307	-.00935	.19194	-.01530	.00003	-.00260	10.01300	.00136	-.91088	-1.69660
200.070	195.460	.24394	-.01753	.18100	-.02588	-.00102	-.00222	9.98760	.03576	-.88746	-1.74400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT625) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2235/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.147	-4.537	-.03656	-.07280	.14935	-.01179	.00407	-.00287	9.98560	.02160	-.88927	-1.67680
1.230	95.393	-.01681	-.06145	.16196	.00238	.00126	-.00118	10.02400	.01069	-.93721	-1.65340
1.366	195.450	.03751	-.07098	.14433	-.01833	.00176	-.00008	10.03600	.03824	-.93875	-1.71390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2236/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.880	195.480	.05190	-.06052	.15677	-.02798	.00374	-.00494	10.01900	.03863	-.92169	-1.68270
99.882	95.375	.04336	-.05719	.17166	-.01139	.00180	-.00092	9.98800	.00559	-.88521	-1.65460
99.101	-4.615	.00686	-.05521	.18167	-.01498	.00395	-.00257	9.95500	.02266	-.84922	-1.67960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2237/ 0 RN/L = 1.50 [illegible]

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.180	-4.649	.13825	-.02205	.19494	-.00916	-.00050	-.00099	9.98530	.02510	-.87628	-1.67020
200.520	95.405	.15566	-.02939	.16757	-.01264	.00146	-.00055	10.00400	.02020	-.89254	-1.67350
200.790	195.380	.16496	-.03122	.16062	-.02385	.00066	-.00451	10.00300	.04336	-.90356	-1.68380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT626) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1877/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.467	-2.532	.05627	-.04655	.17418	-.07701	-.01596	-.00533	9.96690	10.02300	-8.90610	4.35130
101.450	97.501	.10620	-.05933	.15425	-.05913	-.03623	-.00364	10.03300	10.03800	-8.97460	4.33410
100.840	197.480	.10607	-.03872	.15226	-.04401	-.03469	-.00169	10.02800	9.99370	-8.97080	4.37010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1878/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.250	197.460	.07675	-.03020	.15858	-.07254	-.03353	-.00028	9.97450	10.04400	-8.91140	4.31010
150.510	97.489	.09688	-.03753	.15436	-.07642	-.03488	-.00373	10.00400	10.02500	-8.93860	4.34530
149.210	-2.664	.06925	-.03225	.17404	-.10018	.00236	-.01124	9.96700	9.95550	-8.89980	4.41460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1879/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.880	-2.707	.08896	-.02180	.17201	-.07861	.00163	-.00996	10.02400	9.99570	-8.94960	4.38370
200.620	97.417	.09530	-.02468	.15488	-.09544	-.03556	-.00346	10.01000	10.02900	-8.93840	4.33830
199.910	197.420	.08645	-.02260	.15899	-.10446	-.03263	-.00199	9.98840	10.01500	-8.91940	4.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATINC, BOTH SRB JETS ON (OVT627) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1880/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.916	.329	.07390	-.04703	.18110	-.13176	.02547	-.01360	9.98260	10.02400	-8.32960	2.35330
100.340	100.450	.05206	-.05938	.18563	-.16553	.00462	-.00917	9.99770	10.01000	-8.94550	2.34150
98.996	200.280	.01844	-.05450	.18854	-.16844	.00570	-.00836	9.96490	10.00300	-8.90550	2.33400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT627) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1881/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.930	200.250	.09889	-.04113	.19068	-.14682	.00739	-.00834	10.09500	9.97930	-9.03120	2.37000
149.680	100.360	.07373	-.03592	.19515	-.15494	.00452	-.01071	9.97020	10.03100	-8.91330	2.32910
151.420	.237	.10963	-.02897	.18522	-.10980	.02980	-.01194	10.04800	9.90710	-8.98420	2.46220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1882/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.050	.342	.14296	-.00394	.18111	-.08103	.03311	-.01170	10.07100	9.97830	-9.00930	2.40060
199.880	100.350	.14724	-.01328	.20692	-.14350	-.00120	-.00991	9.98250	10.03100	-8.92300	2.33140
199.900	200.370	.14569	-.01883	.19583	-.13139	-.00418	-.00789	9.98490	10.00500	-8.92280	2.35840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT628) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1883/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.752	.436	.04647	-.03917	.18866	-.11334	.01708	-.01077	9.96880	10.02700	-8.91400	2.34990
101.270	100.330	.09288	-.05724	.16160	-.08408	-.01761	-.00486	10.01500	10.05100	-8.96480	2.32270
100.010	200.470	.02194	-.07260	.17445	-.18816	-.00435	-.00963	9.98100	10.02800	-8.93020	2.33360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1884/ 0 [illegible]

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.670	200.370	.07050	-.06478	.17723	-.19253	-.00159	-.00992	10.05400	10.01900	-8.99910	2.35470
152.330	100.320	.11421	-.04102	.16236	-.09915	-.01692	-.00435	10.08600	9.94370	-9.02730	2.42960
149.020	.246	.07270	-.02538	.18840	-.10863	.02488	-.01362	9.97760	9.92930	-8.91430	2.44950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT628) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.
LREF = 1290.3000 INCHES
BREF = 1290.3000 INCHES
SCALE = .0100

XMRP = 1097.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 450.0000 IN. ZT

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1885/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.880	.405	.09507	-.01538	.19238	-.09565	.02520	-.01303	10.02800	10.00600	-8.95990	2.39030
199.860	100.340	.11607	-.02156	.16945	-.12474	-.01204	-.00443	9.98840	10.03000	-8.92330	2.35320
198.960	200.510	.10234	-.04655	.18205	-.20241	-.00356	-.01147	9.92870	10.08500	-8.87630	2.30910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT629) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.
LREF = 1290.3000 INCHES
BREF = 1290.3000 INCHES
SCALE = .0100

XMRP = 1097.0000 IN. XT
YMRP = .0000 IN. YT
ZMRP = 450.0000 IN. ZT

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1886/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.322	-.041	.07690	-.02277	.18558	-.11210	.07175	-.02700	9.92490	10.10000	-8.86840	.25309
98.285	100.110	.05867	-.04423	.19580	-.14128	.02088	-.01573	9.91440	10.08600	-8.85400	.24413
100.100	199.690	.05464	-.04027	.19513	-.13084	.03142	-.01382	10.00400	9.[illegible]860	-8.94160	.35529
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1887/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.940	199.990	.14869	-.02170	.19120	-.17997	.01440	-.01140	9.98980	10.02100	-8.93020	.31708
149.250	99.975	.12069	-.01945	.21114	-.17473	.00543	-.01181	9.95710	10.03000	-8.89910	.31863
150.060	-.166	.16498	.00536	.17354	-.07129	.08162	-.02627	9.98900	10.00200	-8.92660	.33963
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1888/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.560	-.127	.22506	.02793	.17339	-.09358	.08188	-.02258	10.09400	10.04400	-9.02620	.30470
200.050	99.894	.25074	.02372	.22577	-.15080	.01875	-.01276	9.97820	10.08700	-8.92630	.25705
200.140	199.730	.26542	.02404	.19823	-.22150	.00226	-.01089	9.99490	10.00900	-8.93600	.34128
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT630) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1889/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.660	-.071	.07864	-.03814	.18612	-.16326	.04457	-.02179	10.01300	9.99410	-8.95710	.36067
100.720	99.927	.04339	-.05200	.19434	-.16756	.00748	-.00967	10.00200	10.00700	-8.94340	.33727
100.290	199.820	.04638	-.04376	.19618	-.11539	.02220	-.01212	10.00700	9.92350	-8.94280	.40263
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1890/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.550	199.970	.11363	-.02591	.20638	-.12338	.01586	-.01014	9.96560	10.02100	-8.90300	.32362
151.180	99.999	.14997	-.02853	.21120	-.12043	.02377	-.01258	10.01500	10.00100	-8.95490	.34201
151.060	-.245	.14924	-.00122	.19915	-.12234	.05150	-.02063	10.03900	9.95890	-8.97940	.40731
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1891/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.070	-.191	.20143	.01106	.20261	-.11866	.06029	-.02190	10.06300	9.98890	-9.00220	.36168
200.310	99.475	.21622	.00073	.21263	-.09915	.04488	-.01432	9.98690	10.01200	-8.93010	.33019
200.170	200.020	.21988	.00059	.20753	-.16588	.01364	-.01212	9.99770	10.04200	-8.93830	.30811
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT631) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1892/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.018	-.090	.04651	-.04255	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.230	99.879	.05218	-.06241	.18837	-.15736	.00066	-.00875	9.99010	10.02000	-8.93730	.32226
99.166	199.960	.01711	-.05285	.18852	-.17298	.01246	-.01019	9.97490	10.00900	-8.91540	.32043
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT631) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1893/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.350	200.050	.08171	-.03973	.19430	-.17484	.00909	-.01039	10.06800	10.03100	-9.00400	.31429
150.130	99.876	.07063	-.03582	.20249	-.14898	.00191	-.00884	9.98550	10.00500	-8.92920	.34426
151.120	-.433	.09551	-.02558	.20075	-.10192	.02468	-.01114	10.02700	9.90370	-8.96290	.46334
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1894/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.500	-.133	.14953	-.00379	.19775	-.08524	.02982	-.01203	10.08800	9.98380	-9.02590	.38642
199.590	99.791	.13731	-.00848	.21690	-.14638	.00164	-.00991	9.97600	10.01400	-8.91630	.34672
200.560	199.890	.16147	-.02067	.20050	-.17273	.01160	-.01117	9.99580	10.02400	-8.93330	.33060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT632) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1895/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.140	-4.217	.08334	-.02957	.17704	-.09424	.07609	-.02784	9.97500	10.00500	-8.92060	-1.65780
99.557	95.845	.01694	-.04245	.20866	-.11730	-.04217	-.00533	9.96070	10.04400	-8.91030	-1.70570
98.902	195.810	.00835	-.03397	.20830	-.14439	.01784	-.01331	9.93170	10.03300	-8.88020	-1.70300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1896/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.000	195.770	.14781	-.01311	.20004	-.19679	.02053	-.01204	9.95880	9.99730	-8.90900	-1.65290
150.440	95.741	.15726	-.01022	.21456	-.18535	.00464	-.01181	9.99740	10.04100	-8.94780	-1.69450
150.740	-4.284	.18572	.01507	.17036	-.07839	.08826	-.02300	10.01100	9.99500	-8.95470	-1.65430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT632) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1897/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.120	-4.194	.26743	.03222	.16604	-.07561	.07657	-.02034	9.96390	10.02300	-8.90510	-1.68040
200.120	95.872	.31208	.03290	.22869	-.14564	.00261	-.01109	9.99620	10.03600	-8.95290	-1.69080
200.200	195.940	.33223	.02472	.19180	-.23396	.00623	-.01346	9.99800	10.02400	-8.94780	-1.67310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT633) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1898/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.311	-3.985	.06177	-.04193	.19718	-.16478	.03883	-.01884	9.90630	10.07800	-8.85650	-1.76340
102.090	95.778	.06495	-.05366	.20203	-.14626	.01607	-.01079	10.04600	9.96710	-8.98960	-1.66200
99.868	195.880	.05308	-.04575	.20470	-.12213	.02734	-.01442	9.98940	9.96390	-8.92840	-1.66840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1899/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.860	195.970	.11665	-.02261	.21133	-.16474	.01632	-.01292	10.09200	10.08800	-9.03220	-1.78290
150.360	95.966	.14516	-.03101	.21614	-.12491	.00769	-.01085	10.01700	10.04100	-8.96000	-1.73240
151.240	-4.191	.14921	-.00127	.20661	-.10745	.05025	-.01737	10.05900	9.90460	-9.00360	-1.58650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1900/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.910	-4.259	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.070	95.819	.20500	.00593	.22949	-.10648	.04133	-.01343	10.00200	10.04000	-8.94510	-1.73120
200.410	195.930	.22820	.00333	.21416	-.17352	.01123	-.01254	9.99260	10.07200	-8.93420	-1.75850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT634) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1901/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.314	-4.084	.05756	-.04768	.18881	-.12424	.02598	-.01168	9.94970	10.01600	-8.89320	-1.68910
99.849	95.907	.03592	-.06066	.19365	-.17167	.01229	-.01032	9.98280	10.01700	-8.92690	-1.67960
99.568	195.820	.01178	-.05139	.19371	-.18015	.01482	-.01016	9.98740	10.01800	-8.92640	-1.71100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1902/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.070	196.000	.06859	-.03737	.20128	-.17633	.01364	-.01134	10.06800	10.01500	-9.00080	-1.69000
150.310	95.762	.06912	-.03610	.20753	-.15935	.00661	-.00926	9.99120	10.01200	-8.93100	-1.67850
151.040	-4.408	.09128	-.02506	.20577	-.10599	.02759	-.01124	10.03400	9.90710	-8.96820	-1.56270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1903/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.740	-4.184	.15333	-.00487	.20205	-.09162	.03021	-.01158	10.08900	9.99600	-9.02520	-1.64950
200.400	95.755	.16582	-.01583	.21475	-.14604	.00846	-.00994	9.99330	10.00600	-8.93160	-1.66450
199.560	195.740	.15326	-.02039	.20495	-.16921	.00699	-.01131	9.97570	10.04500	-8.91080	-1.70800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT635) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 927/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.040	-2.210	.15657	-.04831	.14519	-.11181	-.01444	-.00925	9.99300	10.01400	-.49221	4.25860
-.284	97.715	.15750	-.04745	.16006	-.10596	-.01662	-.00884	9.98960	10.00800	-.48415	4.27900
.126	197.740	.14928	-.04228	.16841	-.13289	-.00748	-.01109	9.99180	10.02000	-.50009	4.24260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT635) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 928/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.060	197.720	.09887	-.03925	.17466	-.10777	-.00767	-.00334	9.94310	9.98710	-.44765	4.26660
51.438	97.657	.14920	-.04131	.15077	-.09392	-.02141	-.00867	10.04800	10.02500	-.54327	4.25980
49.958	-2.373	.14468	-.04440	.13690	-.09957	-.02001	-.00799	9.98760	10.01400	-.48669	4.26100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 929/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.511	-2.389	.12018	-.03396	.13679	-.09713	-.02386	-.00800	9.98380	10.01900	-.48727	4.24830
100.130	97.745	.13233	-.03195	.14505	-.09130	-.02396	-.00859	10.00200	10.00700	-.50049	4.27470
98.298	197.800	.09282	-.03961	.16429	-.12182	-.01540	-.00027	9.93330	10.02700	-.43709	4.24810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 930/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.730	197.860	.11574	-.02939	.16193	-.10733	-.02720	-.00740	10.03400	10.02800	-.53046	4.25980
200.730	97.787	.12741	-.03139	.14113	-.11561	-.03027	-.00562	10.01200	10.02900	-.51883	4.24930
199.750	-2.402	.12335	-.02996	.13979	-.11802	-.02633	-.00664	9.99140	10.00300	-.49667	4.26970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT636) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 963/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.920	97.611	.12314	-.05514	.13761	-.08316	-.02832	-.00480	10.01500	9.99080	[illegible]	4.42480
-1.803	197.330	.06294	-.05122	.17013	-.07900	-.01768	-.00061	9.92480	9.97870	-.85311	4.44380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT636) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 964/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.486	197.600	.06746	-.05552	.16626	-.07430	-.02009	-.00043	9.99130	10.00500	-.90956	4.40880
51.427	97.625	.09762	-.04712	.13991	-.06505	-.03445	-.00433	10.04400	10.02400	-.95908	4.38830
49.514	-2.281	.09686	-.05558	.13241	-.09036	-.02873	-.00552	9.97740	10.03100	-.88660	4.37160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 965/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.597	-2.562	.08201	-.04739	.14127	-.07238	-.02984	-.00439	9.98440	9.98740	-.89360	4.41480
99.802	97.579	.06631	-.03820	.14531	-.06318	-.03187	-.00425	9.98940	9.99940	-.90148	4.40600
99.639	197.700	.08172	-.04461	.16332	-.05441	-.02788	-.00139	9.98830	9.99410	-.88778	4.40500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 966/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.180	197.680	.10665	-.03206	.15459	-.09677	-.02768	-.00208	10.03500	10.06100	-.93195	4.35510
200.120	97.593	.09982	-.03025	.14328	-.09259	-.03090	-.00226	9.99060	10.00500	-.89566	4.41560
199.590	-2.292	.10022	-.03620	.14564	-.09703	-.01125	-.00637	9.98080	9.97230	-.88259	4.44390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT637) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 999/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.597	-2.510	.08565	-.07100	.13292	-.07552	-.02824	-.00303	10.00700	9.99440	-1.12510	4.48710
.606	97.573	.09428	-.06218	.13385	-.04390	-.03474	.00045	10.01700	9.98300	-1.13950	4.50890
-.070	197.590	.08816	-.04612	.16691	-.01537	-.02630	.00134	10.01900	9.95610	-1.13670	4.53620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT637) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1000/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.430	197.710	.05053	-.05251	.16515	-.07499	-.02137	-.00139	9.94590	10.06800	-1.06070	4.41210
50.913	97.563	.07383	-.05107	.14230	-.04969	-.03518	-.00306	10.02600	10.00900	-1.13880	4.45880
49.605	-2.428	.07278	-.06045	.14167	-.06688	-.02631	-.00271	9.97170	10.01000	-1.08290	4.46320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1001/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.610	-2.514	.09642	-.05670	.14120	-.06108	-.01609	-.00548	10.02400	9.98120	-1.12940	4.49230
100.710	97.750	.11623	-.05298	.13296	-.06109	-.02794	-.00459	10.01600	10.04500	-1.12260	4.42050
98.461	197.640	.07339	-.04613	.15805	-.03073	-.03073	.00071	9.95050	9.98540	-1.05690	4.48520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1002/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.170	197.680	.09938	-.03037	.15605	-.08247	-.03462	.00053	10.04800	10.07400	-1.14810	4.41930
200.070	97.669	.10179	-.02884	.14750	-.07506	-.02741	-.00276	10.00600	9.99020	-1.10420	4.49840
199.960	-2.391	.11272	-.03914	.14976	-.07024	-.00022	-.00866	9.98470	9.94440	-1.08480	4.55160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT638) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 931/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.327	.437	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.008	100.440	.09127	-.04750	.15136	-.19649	.01457	-.00787	9.98910	10.01100	-.50885	2.21460
-.802	200.600	.07045	-.04363	.15516	-.26806	.01833	-.01512	9.97400	10.08600	-.48742	2.11420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT638) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 932/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.611	200.610	.07520	-.04460	.15138	-.26582	.01186	-.01766	9.99570	10.02700	-.49609	2.19590
51.046	100.560	.12239	-.05848	.14049	-.19815	.00553	-.00897	10.02200	9.94730	-.52279	2.29750
50.083	.324	.13272	-.05029	.13751	-.08799	-.00007	-.00791	9.99660	10.01500	-.49732	2.29800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 933/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.383	.394	.12703	-.05286	.14004	-.09564	.00005	-.00829	9.98110	10.01600	-.47181	2.30050
99.852	100.420	.11576	-.05789	.14574	-.21233	.00538	-.01235	9.98770	10.00700	-.48071	2.26970
99.244	200.480	.08355	-.04653	.14806	-.26094	.01432	-.01939	9.97590	10.04300	-.46855	2.21030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 934/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.450	200.470	.13173	-.04735	.16172	-.23838	.01266	-.01827	10.03300	9.98540	-.53246	2.33120
200.620	100.420	.14013	-.05699	.16149	-.19472	.00183	-.01261	9.98480	9.90270	-.50904	2.36200
200.400	.382	.17401	-.05563	.15029	-.13664	-.00147	-.01020	10.03200	9.95300	-.52924	2.38110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT639) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 967/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.546	.437	.05637	-.07725	.13480	-.13324	.00255	-.01139	10.00200	10.02100	-.92842	2.42690
-.597	100.410	.03287	-.07246	.15003	-.19292	-.00470	-.01015	9.97370	10.09400	-.90946	2.28150
-1.069	200.450	.00803	-.06658	.16076	-.21934	.00254	-.01352	9.96820	10.02700	-.89326	2.34060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT639) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 968/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.311	200.460	-.00364	-.06124	.16659	-.19181	.00696	-.01253	9.98080	9.97200	-.89562	2.40970
51.304	100.450	.04209	-.07144	.15073	-.19369	-.00936	-.00999	10.02800	10.04600	-.94702	2.35120
49.838	.342	.04727	-.07185	.14273	-.12062	.00732	-.01172	9.99200	10.00500	-.90914	2.44370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 969/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.660	.143	.10484	-.06808	.15219	-.09910	-.00160	-.00884	10.05400	9.99130	-.96596	2.45300
99.931	100.490	.04486	-.06317	.16343	-.19788	-.01008	-.00974	9.98740	10.00400	-.89376	2.41890
99.387	200.510	.02394	-.05522	.16633	-.20008	.00083	-.01166	9.98760	9.99370	-.88982	2.41070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 970/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	200.430	.13036	-.03319	.17232	-.18686	-.00277	-.01142	9.98640	10.00300	-.88977	2.44050
200.800	100.330	.15524	-.03537	.17366	-.16315	-.01681	-.00863	10.01500	10.01300	-.92431	2.45240
200.960	.600	.20193	-.03288	.17026	-.10488	-.00745	-.00389	10.04400	9.93330	-.93551	2.52660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT640) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1003/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
1.926	100.470	.00352	-.08098	.16077	-.16454	-.00671	-.00868	10.04000	10.05700	-1.18220	2.41810
-1.977	200.380	-.03812	-.07031	.17177	-.19668	.00160	-.01100	9.96510	10.02600	-1.07560	2.41580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT640) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1004/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.579	200.540	-.02564	-.06492	.17450	-.17410	.00235	-.00974	10.00800	9.98330	-1.11920	2.47650
50.877	100.300	.00037	-.07055	.17251	-.15688	-.00898	-.00876	10.00400	10.00900	-1.12290	2.47190
48.445	.864	-.05594	-.06100	.16776	-.16409	.01637	-.01489	9.94930	9.99790	-1.06730	2.51040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1005/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.500	.280	.08591	-.06434	.15755	-.10176	.01026	-.01075	10.02800	10.00300	-1.13910	2.50980
99.675	100.510	.05246	-.06542	.17484	-.16952	-.01010	-.01016	9.99330	10.02700	-1.08620	2.45060
99.190	200.400	.01527	-.05861	.17415	-.16667	-.00971	-.00845	9.97080	10.00600	-1.06990	2.47400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1006/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	200.430	.16214	-.02533	.18295	-.15736	-.00577	-.00796	9.98770	10.01100	-1.08720	2.49320
200.320	100.450	.17721	-.02632	.19903	-.13585	-.00909	-.00870	9.99690	10.00100	-1.09950	2.52340
199.600	.370	.18506	-.01354	.17680	-.07648	.02079	-.00958	9.98650	10.00400	-1.09180	2.52350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT641) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 935/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.047	.504	.12479	-.03730	.15017	-.10149	-.00316	-.01167	9.99460	10.00900	-.49302	2.29470
.181	100.540	.13878	-.03934	.15879	-.08859	-.00474	-.00954	10.00200	10.00100	-.49950	2.30980
-1.248	200.490	.09440	-.04112	.16803	-.17960	.00460	-.00754	9.94230	10.09400	-.45362	2.12830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT641) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 936/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.730	200.370	.10485	-.05175	.15636	-.19512	.00215	-.00737	9.98420	10.02800	-.48650	2.21030
50.409	100.420	.10461	-.03894	.15696	-.09919	-.00107	-.00705	10.01000	9.91050	-.51274	2.38260
50.498	.406	.11901	-.03627	.14449	-.08606	-.01185	-.00983	10.01400	10.02200	-.51181	2.27790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 937/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.765	.372	.11149	-.03388	.14062	-.08519	-.01631	-.00820	9.99390	10.01700	-.49119	2.27260
99.163	100.430	.09556	-.03164	.15436	-.07243	-.01029	-.00577	9.97650	9.98340	-.46790	2.32430
99.902	200.480	.10402	-.05006	.15404	-.21719	-.00253	-.00754	9.98740	10.00100	-.48991	2.27200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 938/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.080	200.500	.08665	-.03623	.16099	-.16831	-.00380	-.00975	9.99340	9.95840	-.51039	2.35220
200.820	100.390	.12265	-.03562	.15006	-.10737	-.01605	-.00590	10.03200	9.96780	-.53422	2.33850
200.380	.402	.13621	-.03539	.14515	-.12045	-.01559	-.00681	10.01200	10.02600	-.51337	2.26190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT642) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 971/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.551	100.330	.12370	-.05654	.14761	-.07241	-.01553	-.00490	10.04800	9.96910	-.96935	2.49320
.104	200.530	.04186	-.06283	.16650	-.19561	-.00473	-.01100	9.99280	10.00200	-.92114	2.37410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT642) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 972/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.510	200.390	.04617	-.06869	.15880	-.19446	-.01033	-.01011	9.98740	10.01800	-.90539	2.39610
48.854	100.490	.04383	-.05086	.15992	-.06962	-.01434	-.00384	9.95820	10.04300	-.87399	2.40490
50.832	.308	.07354	-.05772	.14605	-.08925	-.01722	-.00501	10.01500	10.03100	-.93282	2.39810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 973/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.365	.415	.05785	-.05174	.15177	-.09859	-.01387	-.00629	9.98330	10.01300	-.89444	2.41430
101.160	100.330	.09303	-.04500	.15318	-.05098	-.01894	-.00236	10.03400	9.96520	-.94071	2.45720
100.370	200.500	.06304	-.07253	.15424	-.20335	-.01584	-.00883	10.00300	10.01500	-.92060	2.43130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 974/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.360	200.530	.10591	-.05148	.16467	-.19629	-.00813	-.01264	10.07300	9.98100	-1.00640	2.50810
200.570	100.400	.13475	-.03443	.15405	-.11556	-.01819	-.00410	10.05500	9.94060	-.95516	2.51480
200.090	.410	.14880	-.04350	.16079	-.07459	-.00673	-.00446	9.98310	9.94090	-.88518	2.51430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT643) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1007/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.694	.398	.05506	-.06799	.14990	-.08628	-.00915	-.00705	10.00400	10.01800	-1.12220	2.48330
.679	100.250	.07070	-.06015	.15061	-.06344	-.00635	-.00584	10.02100	9.97220	-1.14160	2.53970
.459	200.410	.00372	-.06661	.16522	-.18826	-.00904	-.01174	10.00200	9.98920	-1.12900	2.46570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT643) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1008/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.955	200.410	.02538	-.07773	.15673	-.18686	-.01478	-.00899	9.99740	10.01900	-1.11260	2.46390
50.541	100.360	.05936	-.05276	.15672	-.04491	-.02094	-.00417	10.01200	9.99710	-1.12460	2.50390
49.844	.346	.06477	-.05867	.15637	-.08455	.00053	-.00800	9.98240	10.00900	-1.09330	2.48410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1009/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.110	.398	.07227	-.05104	.16490	-.07534	-.00632	-.00773	10.01100	10.01600	-1.11520	2.48110
100.360	100.340	.07764	-.04856	.15169	-.07880	-.01428	-.00287	10.01100	10.03300	-1.11740	2.46120
99.871	200.570	.03627	-.07691	.15878	-.18583	-.01649	-.00650	9.98730	10.01100	-1.10050	2.50080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1010/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.940	200.610	.11073	-.04889	.17141	-.19649	-.01359	-.01103	9.99580	10.00600	-1.11390	2.54410
201.070	100.330	.14490	-.02846	.16442	-.10782	-.02546	-.00177	10.06800	9.93690	-1.16200	2.58530
200.140	.275	.16090	-.03908	.16781	-.06897	.00549	-.00668	9.98950	9.90040	-1.08820	2.63510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT644) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 939/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.796	99.879	.05919	-.05504	.14698	-.15638	.03094	-.01443	10.00600	9.92350	-.52906	.24954
.493	199.930	.07006	-.05010	.14188	-.15708	.03182	-.01554	10.01500	10.00900	-.53818	.16479
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT644) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 940/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.343	200.000	.09257	-.05506	.13988	-.15114	.02713	-.01635	10.00900	10.01100	-.52797	.17017
49.789	100.090	.10304	-.06318	.14729	-.15205	.02636	-.01391	9.98710	10.01300	-.50320	.16850
49.521	-.207	.08703	-.05420	.15076	-.13635	.02717	-.01183	9.98740	9.98740	-.49486	.19486
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 941/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.610	-.165	.15321	-.05231	.15968	-.10825	.03445	-.01186	10.06300	9.95990	-.55615	.23545
99.301	99.924	.12836	-.05286	.15793	-.13466	.03673	-.01386	9.96640	10.03700	-.47015	.15822
100.080	199.960	.11381	-.04265	.15359	-.13539	.03087	-.01453	9.99930	10.02400	-.50804	.16628
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 942/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.400	199.990	.23141	-.01928	.16923	-.15237	.01917	-.01236	9.97680	10.00600	-.46990	.20861
200.740	99.949	.25852	-.01567	.17587	-.16556	.02706	-.01368	10.02100	10.00900	-.51014	.21819
199.910	-.116	.26627	-.02164	.18401	-.14397	.01994	-.01261	9.99550	10.00800	-.47180	.22909
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT645) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 975/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.311	.065	-.00669	-.08759	.15565	-.18912	.02602	-.01884	9.97090	10.01000	-.89454	.34018
1.527	99.932	.01320	-.06447	.16183	-.16009	.02148	-.01522	10.04300	9.99130	-.97513	.34550
.402	199.990	.02859	-.06879	.15820	-.14641	.01740	-.01368	10.00200	10.00300	-.93812	.33449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT645) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 976/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.522	199.980	.01926	-.06183	.17464	-.13436	.01863	-.01289	9.99140	9.99050	-.91836	.35984
51.282	99.901	.06436	-.06175	.16425	-.14414	.01405	-.01471	10.04500	10.03300	-.96455	.32112
48.407	-.117	.02822	-.07169	.16373	-.18831	.01666	-.01830	9.93550	10.05200	-.85241	.30737
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 977/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.629	.051	.10002	-.04684	.16808	-.16618	.03007	-.01644	9.98250	10.01000	-.89412	.35886
100.380	99.945	.10899	-.04273	.17362	-.12125	.02052	-.01373	10.00600	9.98280	-.92183	.37883
99.132	199.970	.07913	-.04091	.17884	-.13002	.02086	-.01325	9.96250	10.02000	-.88387	.33475
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 978/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.680	200.100	.34185	.01882	.19613	-.18886	-.00057	-.01135	9.95170	10.02400	-.86348	.35296
201.370	99.922	.36926	.03453	.20435	-.18978	.00335	-.01118	10.04400	9.99980	-.95730	.37194
199.940	-.069	.34046	.02783	.15473	-.03827	.06403	-.01486	9.99080	9.99960	-.89801	.37540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT646) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1011/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.729	.023	-.01066	-.09727	.15424	-.18678	.04549	-.02313	9.95220	9.98200	-1.07160	.44520
.500	99.908	.00593	-.09104	.16077	-.16750	.01744	-.01414	10.01900	10.05000	-1.13490	.37042
1.346	199.930	.02250	-.07606	.16040	-.15183	.00964	-.01208	10.04100	10.00600	-1.16910	.40817
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT646) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1012/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.595	200.020	.00757	-.06049	.17974	-.14250	.01660	-.01332	10.00200	9.98980	-1.12070	.43289
51.016	99.916	.04929	-.06627	.16978	-.14964	.01602	-.01503	10.02600	10.01800	-1.14050	.41082
49.517	-.093	.03572	-.07062	.16299	-.17171	.02985	-.02077	9.97690	10.00600	-1.09230	.43898
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1013/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.700	-.100	.13630	-.04558	.15124	-.08567	.05857	-.02104	10.01100	9.98600	-1.12330	.46253
99.940	99.737	.14275	-.05023	.16791	-.10229	.03179	-.01566	9.98120	10.08400	-1.09470	.34764
98.426	199.980	.08923	-.04282	.18462	-.12639	.02109	-.01329	9.94470	10.06300	-1.06260	.36678
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1014/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.680	199.990	.39903	.03822	.19559	-.23691	-.00309	-.01227	10.00700	10.02300	-1.12010	.42909
199.710	99.332	.38028	.04293	.21532	-.07526	-.05191	-.00627	9.98290	10.06800	-1.10120	.37046
199.930	-.157	.35547	.04002	.15481	-.03219	.06148	-.01492	9.99150	10.00200	-1.09950	.43759
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT647) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 943/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.129	-.019	.09342	-.05983	.14596	-.19851	.00812	-.00814	9.98090	9.99080	-.50375	.20004
-1.152	99.992	.04996	-.04273	.15930	-.26248	.02310	-.01614	9.97330	10.04900	-.48854	.11982
-.044	200.020	.05135	-.04727	.14008	-.21734	.01499	-.01284	9.99080	9.98000	-.50381	.19141
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT647) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 944/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.217	200.050	.03914	-.04351	.14730	-.17296	.01856	-.01083	9.98210	9.95670	-.48199	.23454
50.374	99.962	.05816	-.04634	.15954	-.23600	.02183	-.01754	9.99820	10.07200	-.49907	.11773
50.663	-.109	.08928	-.06002	.14560	-.21725	.00580	-.00994	10.00100	10.02300	-.50289	.16825
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 945/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.310	-.035	.11024	-.05916	.15898	-.20878	.00744	-.01228	10.00900	9.99310	-.49963	.23754
99.359	99.989	.08178	-.04603	.16710	-.22285	.01694	-.01890	9.98400	10.00600	-.47653	.21163
99.085	200.090	.05576	-.04706	.15144	-.17152	.02247	-.01436	9.97290	9.94180	-.46625	.25641
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 946/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.990	199.900	.15157	-.03401	.16412	-.16585	.02171	-.01465	9.99510	10.01200	-.48550	.22397
200.500	100.080	.16396	-.03035	.17424	-.21808	.01939	-.01882	10.00900	10.07900	-.50666	.18673
200.590	.040	.19406	-.04320	.16926	-.19498	.00928	-.01317	10.00200	10.00900	-.50693	.27721
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT648) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 979/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.792	99.937	-.00879	-.07847	.16719	-.19396	.00421	-.01018	9.97330	10.01400	-.90307	.33941
.539	199.960	.00105	-.06632	.15858	-.17071	.01510	-.00950	10.02500	9.96210	-.94860	.39148
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT648) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 980/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.803	199.860	.03336	-.06571	.16654	-.13861	.01218	-.01152	10.02300	9.97650	-.94404	.37671
50.171	99.998	.01271	-.06969	.17239	-.19758	.00169	-.01095	9.99630	9.99740	-.91092	.36813
50.193	-.155	.01729	-.06760	.18107	-.19234	.00620	-.01279	9.99390	9.99360	-.91181	.38201
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 981/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.240	-.089	.08795	-.05477	.18942	-.16809	-.00066	-.01150	10.08200	10.00000	-.99103	.39410
98.706	100.030	.05291	-.06245	.17383	-.17067	-.00154	-.01088	9.95050	10.01700	-.85819	.37313
101.090	199.860	.07469	-.05169	.17935	-.11108	.01315	-.01114	10.02900	9.90950	-.94543	.46257
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 982/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.760	200.040	.22492	-.01475	.19094	-.13378	.01007	-.00908	9.98640	10.01800	-.89175	.37999
200.310	99.840	.23312	-.00949	.20746	-.12841	.01527	-.01130	10.00400	9.98940	-.91053	.41703
200.400	-.229	.24601	-.00751	.20795	-.08446	.01310	-.00915	10.01000	9.96460	-.91868	.44675
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT649) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1015/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.536	.015	-.00379	-.08551	.15789	-.12126	.00918	-.01287	9.96260	10.01800	-1.08150	.46133
.013	99.915	-.02951	-.07973	.17550	-.19517	-.00322	-.00983	9.99850	10.00700	-1.12410	.42018
-.700	199.770	-.05719	-.07142	.17409	-.15245	.01407	-.00986	9.97450	9.91530	-1.09650	.51484
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT649) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1016/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.872	199.880	.01246	-.06678	.18999	-.12539	.00112	-.01078	10.06700	10.00500	-1.17920	.43668
48.706	99.894	-.02540	-.07215	.18365	-.17262	.00002	-.01058	9.94710	10.06500	-1.06000	.37960
51.130	-.117	.00425	-.07019	.16817	-.14056	.01713	-.01265	10.02900	9.93440	-1.14080	.54626
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1017/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.010	-.251	.11179	-.04831	.17505	-.14307	.01891	-.01418	9.98910	10.00800	-1.09880	.47097
100.090	99.899	.04994	-.06007	.18595	-.15287	-.00171	-.00961	9.99880	10.00700	-1.10120	.45109
101.000	199.870	.06502	-.04749	.19231	-.11457	.01095	-.01072	10.02700	9.94040	-1.13810	.50549
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1018/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.530	199.900	.25103	-.00188	.20535	-.12778	.00776	-.00780	9.97720	10.00100	-1.08150	.46183
200.310	99.880	.25901	.00596	.21565	-.08229	.02029	-.01100	9.99680	10.03900	-1.10800	.41892
200.260	-.116	.26414	.00826	.19587	-.07357	.02929	-.01296	10.01000	9.98310	-1.12040	.48083
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT650) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 947/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]								
-.113	99.957	.08713	-.04660	.15853	-.19472	.01525	-.00833	9.98860	10.00400	-.51069	.19669
-.763	199.970	.06338	-.04257	.15877	-.26885	.01897	-.01564	9.97070	10.03700	-.48888	.08851
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT650) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 948/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.820	200.020	.07337	-.04637	.15323	-.26630	.01379	-.01783	9.99630	10.02000	-.50266	.18237
50.873	99.823	.11345	-.05684	.14970	-.20342	.00739	-.00975	10.01500	9.95050	-.52030	.27123
50.076	-.091	.11097	-.03839	.14709	-.10182	.00931	-.00978	9.99240	10.00900	-.49646	.27800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 949/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.826	-.051	.11925	-.04364	.14810	-.10296	.00284	-.00837	9.99530	10.03000	-.49474	.25952
99.991	99.992	.11780	-.05890	.15119	-.21607	.00889	-.01272	9.99060	10.01000	-.48976	.24165
99.076	199.970	.08083	-.04728	.15323	-.26669	.01670	-.02028	9.97290	10.04900	-.47306	.18149
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 950/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.180	200.170	.11876	-.04372	.16685	-.24397	.01560	-.01977	10.03100	9.98970	-.53862	.30575
200.640	99.980	.13132	-.05283	.16384	-.20275	.01288	-.01380	9.98750	9.97290	-.51553	.33338
200.130	-.116	.15065	-.04345	.16250	-.14077	.00175	-.00986	10.02500	9.97030	-.52859	.32091
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT651) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 983/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.245	-.056	.04683	-.06925	.15167	-.13114	-.00027	-.01037	9.99570	10.02700	-.91972	.40416
-.748	100.000	.01944	-.06750	.15970	-.19004	-.00286	-.01088	9.96790	10.08200	-.90245	.28860
-.794	199.890	.00447	-.07015	.16476	-.21702	.00526	-.01298	9.96700	10.02000	-.89482	.33702
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT651) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 984/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.640	199.890	.01224	-.07019	.16526	-.19860	.01036	-.01161	9.99750	9.97410	-.90938	.39117
50.909	99.938	.03790	-.07342	.15436	-.19200	-.00885	-.00926	10.01400	10.04200	-.93060	.34938
50.507	-.047	.04394	-.06662	.16048	-.12054	-.00263	-.00948	10.01100	9.92040	-.93132	.51006
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 985/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.800	-.198	.07523	-.06334	.17301	-.11162	-.00209	-.00672	10.02600	9.99880	-.94277	.42738
100.270	100.070	.05922	-.06841	.16674	-.19711	-.01081	-.00820	10.00400	10.00700	-.91364	.40374
99.059	199.860	.02844	-.06124	.16940	-.19860	.00312	-.01026	9.97350	9.97860	-.87989	.41429
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 986/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.420	200.100	.13242	-.03562	.18053	-.20026	.00096	-.01202	9.98010	10.01200	-.88737	.41463
200.770	99.791	.15042	-.03410	.18283	-.16655	-.01239	-.00869	10.01500	10.00100	-.93076	.45019
199.250	-.158	.17462	-.02997	.18852	-.11545	.00817	-.00660	9.97400	10.01600	-.87335	.42523
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT652) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1019/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.108	99.929	.00365	-.07935	.16692	-.17648	-.00536	-.00920	9.99970	10.01600	-1.12950	.44167
-.569	200.010	-.01384	-.07525	.16983	-.18357	.00002	-.01024	9.97730	10.00500	-1.10340	.42792
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT652) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1020/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.297	199.960	-.03114	-.06509	.18032	-.17664	.00225	-.00852	9.98320	9.99610	-1.09420	.44436
50.946	99.904	.00563	-.07486	.17509	-.17363	-.01049	-.00823	10.01100	10.03500	-1.12480	.42225
49.609	-.224	-.02445	-.05870	.18421	-.11310	.00634	-.00957	9.98590	9.90260	-1.10190	.58213
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1021/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.580	-.098	-.00343	-.04705	.19647	-.11949	.00680	-.00902	10.03100	10.02000	-1.13740	.46776
100.250	99.942	.04201	-.06205	.18611	-.16396	-.01407	-.00830	10.00300	10.01400	-1.11070	.45754
99.287	199.940	.02474	-.06'24	.17778	-.16752	-.00386	-.00752	9.98560	9.98990	-1.08710	.47414
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1022/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	199.970	.18270	-.03246	.18717	-.15919	-.00176	-.00753	9.98240	10.00900	-1.08290	.47828
199.240	99.808	.15088	-.02050	.21008	-.13131	-.00770	-.00764	9.96850	9.99360	-1.07260	.51077
199.420	-.207	.18419	-.01423	.20904	-.07237	.01625	-.00931	9.97500	9.99950	-1.08290	.51031
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT653) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 951/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.360	-3.997	.04544	-.06251	.15303	-.20980	.01440	-.01223	9.97440	10.03800	-.49404	-1.86710
.841	95.964	.06420	-.06248	.14722	-.16695	.03462	-.01502	10.01300	9.91540	-.54349	-1.73950
.393	195.870	.07248	-.05528	.14592	-.16285	.03421	-.01567	10.01200	10.00900	-.54194	-1.83070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT653) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 952/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.196	196.070	.08853	-.05390	.14313	-.16143	.03148	-.01668	10.01700	10.01400	-.53975	-1.84010
49.609	95.844	.08781	-.06165	.14963	-.16382	.03304	-.01670	9.97370	10.01000	-.49508	-1.83350
49.723	-4.150	.08492	-.05671	.15762	-.14822	.03383	-.01315	9.99380	9.98820	-.50685	-1.81140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 953/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.230	-4.152	.13658	-.05124	.17018	-.13216	.03992	-.01463	10.05000	9.98250	-.54778	-1.78780
99.249	95.911	.11089	-.05328	.16502	-.15232	.03948	-.01481	9.96430	10.03600	-.46918	-1.83890
100.220	195.980	.10253	-.04269	.15788	-.14432	.03551	-.01523	10.00700	10.00400	-.51899	-1.81140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 954/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.420	196.030	.21602	-.01942	.17060	-.16790	.01862	-.01317	9.98050	10.01700	-.46422	-1.80770
200.640	96.035	.23677	-.01446	.17989	-.18782	.02231	-.01488	10.01900	10.02500	-.49858	-1.80840
200.220	-4.049	.25618	-.02029	.18662	-.17854	.02882	-.01580	9.99700	9.98940	-.47210	-1.76310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT654) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 987/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
2.634	95.906	.04649	-.06976	.16186	-.14676	.01764	-.01494	10.07800	9.96520	-1.01850	-1.63340
-.248	195.950	.03916	-.06991	.15800	-.14423	.01676	-.01464	9.98340	10.00900	-.92669	-1.67430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT654) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 988/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.808	195.960	.01296	-.06426	.18417	-.13934	.01887	-.01370	9.96270	10.00100	-.89681	-1.66200
51.084	95.719	.05950	-.06561	.17139	-.14704	.00857	-.01283	10.03900	10.03800	-.95907	-1.69630
48.497	-4.114	.01323	-.06258	.18955	-.16466	.00678	-.01260	9.94280	10.05800	-.86126	-1.70740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 989/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.717	-4.150	.11595	-.04063	.19255	-.15705	.01897	-.01275	9.98240	10.01100	-.88700	-1.65330
99.467	95.841	.10129	-.04464	.18329	-.13362	.02187	-.01315	9.97340	9.97490	-.88128	-1.62800
99.082	196.090	.07117	-.04477	.18486	-.14521	.02508	-.01335	9.95960	10.01900	-.87502	-1.67200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 990/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.750	195.990	.31829	.01782	.20218	-.19367	.01072	-.01193	9.95520	9.99620	-.86040	-1.62740
201.160	95.942	.34489	.03104	.20995	-.20263	.00191	-.01038	10.04100	10.03500	-.94577	-1.66570
199.900	-4.159	.31863	.02619	.16650	-.04581	.06109	-.01444	9.99260	9.99880	-.83434	-1.62870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT655) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1023/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.166	-4.003	-.05892	-.08848	.17744	-.15463	.01806	-.01281	9.90530	9.98230	-1.03490	-1.55780
.987	96.130	-.02668	-.08451	.16862	-.16618	.00815	-.01201	10.03400	10.06000	-1.16110	-1.64980
1.288	195.870	-.00744	-.06862	.17927	-.14740	.01226	-.01326	10.03800	9.97860	-1.17480	-1.57370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT655) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1024/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.079	196.040	.00413	-.06211	.18491	-.15598	.01584	-.01252	10.01100	10.01400	-1.13580	-1.60070
50.479	95.910	.02550	-.06380	.18517	-.15191	.00410	-.01224	10.00300	10.03400	-1.12370	-1.62210
49.685	-4.252	.00919	-.05864	.19302	-.15705	.01508	-.01405	9.97390	9.97980	-1.09640	-1.54590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1025/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.849	-4.006	.07738	-.02652	.19680	-.11552	.04972	-.01581	9.96540	10.00500	-1.08210	-1.56510
99.951	95.916	.09111	-.03925	.19434	-.12420	.02137	-.01299	9.97630	10.08600	-1.09410	-1.66550
99.517	195.800	.07722	-.04078	.19733	-.13932	.02471	-.01268	9.97910	10.01700	-1.10180	-1.59550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1026/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.290	196.050	.38307	.03404	.20336	-.25178	-.00071	-.01204	9.92720	10.03300	-1.04580	-1.58280
199.870	95.904	.39236	.03232	.22277	-.14135	.00634	-.00815	9.98710	9.99060	-1.11100	-1.55850
199.720	-4.073	.34074	.04359	.17603	-.04365	.05981	-.01423	9.98490	10.02200	-1.09650	-1.59050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT656) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 955/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

.152	-4.112	.10060	-.06053	.14547	-.20702	.01636	-.00974	9.98640	9.98560	-.49803	-1.82600
-1.653	95.808	.03684	-.04207	.16350	-.26603	.02402	-.01572	9.95280	10.05500	-.46076	-1.91530
.414	195.960	.05615	-.05540	.14844	-.18293	.02567	-.01130	9.99530	9.91070	-.51195	-1.76730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT656) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 956/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.174	196.060	.04305	-.05495	.15157	-.15882	.02979	-.01219	9.98000	9.97480	-.48517	-1.82170
49.938	95.890	.05849	-.05026	.16128	-.23916	.02000	-.01645	9.99610	10.00900	-.49400	-1.83960
50.980	-4.053	.09926	-.06018	.14883	-.22068	.01218	-.01198	10.02000	10.00500	-.51451	-1.81840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 957/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.070	-4.160	.11591	-.06328	.16103	-.22334	.01514	-.01502	10.00400	10.00700	-.48917	-1.80260
99.466	95.814	.08603	-.04807	.16616	-.23314	.01934	-.01845	9.99010	10.00700	-.47617	-1.81440
98.718	195.920	.05235	-.05221	.15442	-.15665	.02703	-.01220	9.95130	9.90780	-.44176	-1.73970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 958/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.530	195.930	.14308	-.02963	.16731	-.15373	.02672	-.01154	9.98150	10.01700	-.46731	-1.81540
200.060	95.601	.16425	-.03322	.17519	-.23217	.02398	-.01927	9.99450	9.99040	-.48762	-1.75180
200.570	-4.195	.18420	-.04286	.17386	-.20756	.01452	-.01503	9.99660	9.99930	-.50225	-1.72980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT657) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 991/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.382	-3.969	.02161	-.08132	.16782	-.19585	.01105	-.01185	9.99330	9.99210	-.92193	-1.64030
-.957	95.949	-.00210	-.08681	.16611	-.18464	.00541	-.01028	9.96770	10.01200	-.89419	-1.69520
.478	195.940	.01008	-.07496	.15969	-.15630	.01841	-.01102	10.01200	9.94910	-.93709	-1.63180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT657) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 992/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.259	196.010	.02563	-.06913	.17142	-.14341	.01333	-.01077	10.01200	10.00600	-.92942	-1.68190
49.856	95.997	-.00721	-.06733	.18145	-.21169	.00517	-.01154	9.98380	10.01200	-.89530	-1.67910
50.773	-4.211	.02695	-.07253	.19049	-.17875	-.00740	-.01012	10.01000	10.00000	-.92135	-1.65990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 993/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.450	-4.159	.10361	-.06175	.19608	-.17401	-.00232	-.01005	10.09100	9.99390	-.99540	-1.63180
98.167	95.891	.04415	-.06153	.18316	-.17890	.01039	-.01056	9.93670	9.99050	-.83927	-1.63310
101.140	196.060	.07505	-.05730	.18108	-.12863	.02102	-.01159	10.03100	9.93180	-.94203	-1.59220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 994/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.570	196.020	.21548	-.01354	.19876	-.13609	.01195	-.00924	9.98290	10.00200	-.88413	-1.63610
200.210	95.920	.22494	-.00968	.21699	-.12313	.01811	-.01124	10.00200	9.97820	-.90396	-1.60700
200.540	-4.039	.24087	-.00761	.21069	-.10554	.02846	-.01358	10.01400	9.96940	-.91954	-1.59680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT658) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1027/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.228	-3.980	-.03318	-.08681	.17364	-.12361	.02088	-.01178	9.98380	9.98890	-1.10990	-1.52980
-.871	95.854	-.05050	-.08138	.17669	-.18991	-.00441	-.00969	9.96760	10.02000	-1.10110	-1.62110
1.169	195.880	-.01649	-.07633	.17442	-.14714	.00542	-.01010	10.03300	9.93370	-1.16530	-1.54040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT658) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1028/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.000	195.930	.01550	-.06463	.19004	-.14014	.00545	-.01190	10.04100	9.99710	-1.16410	-1.59640
48.802	95.937	-.00579	-.07818	.18210	-.18021	.00319	-.01025	9.94360	10.06000	-1.06290	-1.64410
50.191	-4.082	-.00970	-.06894	.18346	-.13221	.01165	-.00919	9.99960	9.94230	-1.11890	-1.49100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1029/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	-4.299	.08695	-.04728	.18859	-.13502	.01059	-.01166	9.99040	10.00600	-1.10580	-1.55290
97.284	95.916	.02332	-.05847	.19734	-.16393	-.00097	-.00948	9.90250	10.07200	-1.01070	-1.64380
101.330	195.900	.05340	-.05035	.19558	-.12205	.01142	-.01077	10.03500	9.93360	-1.15200	-1.51550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1030/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.960	195.860	.23576	-.00071	.21807	-.14014	-.00394	-.00780	9.95870	10.01200	-1.06820	-1.56980
199.550	95.942	.23282	.00660	.22633	-.08547	.01932	-.01124	9.98050	10.04400	-1.09700	-1.61140
200.770	-4.136	.25750	.00498	.19974	-.06353	.02694	-.01225	10.02500	9.96710	-1.13940	-1.52800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT659) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 959/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.291	-3.952	.10186	-.02909	.15990	-.10440	.01170	-.01320	9.98510	10.01700	-.47165	-1.74320
.071	96.014	.09003	-.04551	.16230	-.19758	.01876	-.01014	9.99770	10.01000	-.50926	-1.81830
-.760	195.980	.06431	-.04060	.16113	-.26553	.02103	-.01506	9.97410	10.08300	-.48495	-1.92000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT659) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 960/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.571	196.000	.06717	-.04425	.15792	-.27384	.01750	-.01803	9.98970	10.02800	-.48902	-1.84010
50.926	95.917	.10526	-.05263	.15864	-.20601	.01026	-.01028	10.01500	9.94800	-.51415	-1.73700
49.935	-4.186	.10408	-.03035	.15436	-.08848	.00591	-.01014	9.99400	10.01000	-.48765	-1.74100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 961/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	-4.078	.11498	-.03869	.14988	-.10143	.00825	-.00845	9.99020	10.02000	-.48326	-1.75320
100.050	95.946	.11161	-.05511	.15893	-.21718	.00999	-.01220	9.99420	10.01200	-.48789	-1.77660
99.338	195.990	.08359	-.04567	.15735	-.27344	.01771	-.01976	9.97830	10.05900	-.47288	-1.84670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 962/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.940	196.000	.11004	-.04193	.16557	-.21879	.01716	-.01899	10.01900	9.95090	-.52203	-1.68090
200.530	96.042	.12768	-.05070	.16525	-.19316	.01598	-.01609	10.00000	9.98460	-.51575	-1.70820
200.360	-4.207	.14843	-.04337	.16608	-.14407	.00687	-.00954	10.02100	9.96770	-.51846	-1.70230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT660) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 995/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.062	-4.077	.04728	-.05927	.15584	-.13112	.00672	-.01108	9.99050	10.01100	-.91591	-1.60590
-1.211	95.986	.01539	-.06659	.16400	-.18737	-.00335	-.01161	9.94250	10.10000	-.87790	-1.73520
-1.220	196.100	-.01356	-.06968	.16762	-.21998	.00872	-.01324	9.94770	10.02700	-.87730	-1.69190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT660) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 996/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.172	195.910	.00338	-.07079	.16839	-.20609	.01511	-.01156	10.00400	9.97890	-.92299	-1.63380
50.571	95.867	.02528	-.07038	.16007	-.19705	-.00896	-.01023	10.02200	10.04700	-.93506	-1.67600
50.829	-4.060	.04579	-.06503	.16660	-.11674	-.00168	-.00958	10.02200	9.90560	-.94134	-1.50170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 997/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	-4.097	.05382	-.06006	.18736	-.11497	-.00097	-.00777	10.00400	10.01200	-.92054	-1.60870
99.913	95.887	.05753	-.07001	.17037	-.19894	-.00807	-.00959	9.99100	10.00700	-.89733	-1.61890
99.036	195.810	.02436	-.06414	.17247	-.20490	.00289	-.01043	9.96780	9.98580	-.87371	-1.61430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 998/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.310	195.900	.13361	-.03766	.18089	-.20612	.00517	-.01275	9.97090	10.01700	-.87708	-1.62250
200.940	95.893	.16347	-.04285	.18594	-.17878	-.00816	-.00985	10.01400	10.00700	-.93080	-1.58090
200.170	-4.100	.16817	-.02692	.19984	-.12659	.01460	-.00733	10.01500	9.90310	-.91983	-1.49080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT661) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1031/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.314	-4.072	.02560	-.07040	.16215	-.12310	.01456	-.01194	9.99040	10.00400	-1.11710	-1.53440
.152	95.873	-.00585	-.07700	.17263	-.18256	-.00054	-.00976	9.99650	10.00400	-1.13010	-1.56070
-1.065	195.880	-.04440	-.06978	.17655	-.19179	.00444	-.01053	9.95740	10.01000	-1.09080	-1.60850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT661) (12 OCT 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	10.000	BETAB	=	8.000
Y	=	100.000	JET PC	=	1500.000
MACH	=	4.500			

RUN NO. 1032/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.025	195.940	-.03167	-.06566	.18107	-.17903	.00641	-.00983	10.01200	9.98890	-1.12990	-1.57980
50.664	95.872	-.00465	-.07042	.18461	-.18184	-.00294	-.00888	10.00500	10.03800	-1.12290	-1.60260
48.112	-4.133	-.02579	-.05785	.19240	-.11241	.00825	-.00931	9.93470	10.02200	-1.05770	-1.56620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1033/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.180	-4.106	.02450	-.05315	.19854	-.11223	.00570	-.00817	10.05500	10.01600	-1.16310	-1.55200
100.120	95.901	.03293	-.06545	.19042	-.17720	-.00654	-.00947	9.99080	10.00800	-1.08430	-1.57050
100.110	196.000	.01020	-.05928	.18638	-.18386	-.00041	-.00880	9.98020	10.00800	-1.09410	-1.57320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1034/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.880	195.990	.16343	-.03287	.19503	-.18100	.00721	-.00888	9.95520	10.03400	-1.04230	-1.57530
201.240	95.816	.18220	-.02729	.21396	-.14189	.00477	-.01001	10.00900	9.97060	-1.11870	-1.49760
200.740	-4.165	.21027	-.01862	.20626	-.06536	.01768	-.00986	10.00900	9.99880	-1.13450	-1.51720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT662) (12 OCT 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	14.000
Y	=	200.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 1073/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.006	-2.384	.16727	-.06238	.12996	-.11732	-.01780	-.00545	9.99280	10.01000	-4.51450	4.27100
.322	97.656	.18349	-.06305	.15375	-.11304	-.01526	-.00761	9.99730	10.00100	-4.52200	4.29490
-.087	197.610	.17366	-.05351	.16314	-.11919	-.01853	-.00684	9.99280	10.02400	-4.51870	4.29110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT662) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1074/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.977	197.710	.13449	-.04132	.15942	-.08597	-.02804	-.00551	9.96860	9.99520	-4.52630	4.33160
49.283	97.379	.14860	-.04205	.14805	-.09894	-.02151	-.00717	10.00700	10.01200	-4.52640	4.27790
49.440	-2.491	.13864	-.04729	.12456	-.10965	-.02280	-.00791	9.98130	10.02900	-4.49450	4.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1075/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.470	-2.398	.11318	-.03400	.13068	-.09792	-.02994	-.00468	9.98580	10.01500	-4.49650	4.26750
100.290	97.624	.12898	-.03553	.14209	-.09407	-.02703	-.00602	10.00300	10.00100	-4.51370	4.28690
99.649	197.670	.13402	-.03809	.15421	-.08920	-.02797	-.00601	9.99050	10.00800	-4.49560	4.28370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1076/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.190	197.630	.13460	-.03565	.14964	-.12378	-.03422	-.00635	9.99770	10.06100	-4.50970	4.23850
199.750	97.548	.12245	-.03247	.13826	-.12689	-.03104	-.00493	9.99070	10.00900	-4.50440	4.27510
200.000	-2.416	.11771	-.02831	.14070	-.12014	-.03215	-.00423	9.99650	10.00900	-4.51060	4.27050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT663) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1110/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.506	-2.522	.07902	-.07209	.15274	-.08544	-.02588	-.00470	9.99630	10.03100	-5.11050	4.46810
.411	97.519	.08568	-.07325	.14542	-.07696	-.03664	.00021	10.00400	10.02700	-5.12390	4.46800
.978	197.520	.09247	-.04210	.16416	-.02764	-.03178	.00419	10.04800	9.94480	-5.16320	4.54770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT663) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1111/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.530	197.630	.11104	-.04189	.15031	-.01643	-.04241	.00386	10.01600	10.02600	-5.12410	4.45490
49.117	97.461	.09465	-.05977	.13618	-.05311	-.03812	-.00042	9.95390	10.05000	-5.06230	4.42910
49.572	-2.509	.08652	-.06482	.14476	-.08532	-.00981	-.00984	9.96450	9.99480	-5.07140	4.48290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1112/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.300	-2.640	.08904	-.05065	.15114	-.06609	-.00904	-.00629	10.01900	9.98350	-5.11690	4.49040
99.978	97.502	.09035	-.04706	.14591	-.05266	-.03750	.00063	9.99750	10.05900	-5.09710	4.41240
99.990	197.590	.07517	-.03653	.16372	-.02572	-.04149	.00407	9.99630	9.99170	-5.09710	4.47340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1113/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.290	197.500	.08168	-.02610	.16148	-.08159	-.03780	.00348	10.02200	10.06400	-5.11540	4.41650
200.520	97.461	.09749	-.02641	.15354	-.08489	-.03209	-.00058	10.02400	10.00300	-5.11230	4.47910
199.690	-2.502	.09091	-.02637	.16764	-.05870	.00323	-.00721	9.98350	9.91180	-5.07230	4.58470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT664) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1077/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.006	.447	.15125	-.06944	.14449	-.11706	.01101	-.01432	9.98570	10.00800	-4.50940	2.25120
-1.065	100.570	.10050	-.06736	.15843	-.17374	.01052	-.00884	9.94040	10.07800	-4.48810	2.11310
-1.228	200.450	.05688	-.04830	.16117	-.24660	.01609	-.01360	9.97940	10.08100	-4.51300	2.07090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT664) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1078/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.445	200.630	.06207	-.05311	.15635	-.25631	.00987	-.01581	9.98420	10.03700	-4.50140	2.13050
51.294	100.390	.10414	-.06185	.15301	-.19152	.00673	-.00983	10.01700	9.94300	-4.54680	2.24780
50.629	.546	.12211	-.05247	.14366	-.08967	-.00761	-.01058	10.02800	9.93210	-4.54710	2.32860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1079/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.465	.469	.10926	-.04551	.14302	-.09473	-.01107	-.00773	9.98770	10.02100	-4.49770	2.22780
99.272	100.460	.10046	-.06063	.15031	-.20218	.00542	-.01066	9.95390	10.09500	-4.47590	2.10850
98.997	200.400	.06860	-.05052	.15392	-.25518	.00999	-.01628	9.97520	10.05100	-4.48830	2.13740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1080/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.050	200.530	.12385	-.04932	.15600	-.24203	.00922	-.01637	10.04800	9.99910	-4.57220	2.24360
200.500	100.590	.13699	-.05757	.15537	-.19246	-.00379	-.00983	10.00200	9.98240	-4.54290	2.29010
200.200	.264	.16204	-.05029	.14513	-.13794	-.00832	-.00692	10.03100	9.95540	-4.53820	2.30590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT665) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1118/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.215	.375	.01861	-.07079	.17364	-.13528	.02014	-.01706	9.99190	10.02300	-5.11780	2.45630
.280	100.440	.03618	-.08720	.16470	-.11603	-.00374	-.00883	9.98540	10.04800	-5.11600	2.43250
-1.875	200.440	-.04355	-.06905	.18277	-.17824	.00093	-.00723	9.93350	10.07000	-5.06920	2.35820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT665) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1119/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.724	200.370	-.02793	-.05935	.18674	-.16727	.00176	-.00718	10.01600	10.00100	-5.14980	2.42580
51.627	100.360	.04196	-.07294	.17219	-.14137	-.00415	-.00785	10.03700	9.99900	-5.15970	2.45230
50.359	.354	.04536	-.06480	.16685	-.13188	.02113	-.01533	10.01500	9.94930	-5.13320	2.51780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1120/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.060	.256	.07501	-.05238	.16635	-.12707	.02616	-.01408	10.04200	9.99520	-5.15090	2.46400
99.432	100.350	.05334	-.05764	.17824	-.14144	-.00565	-.00786	9.95220	10.09800	-5.07110	2.36310
96.969	200.260	-.02042	-.04870	.19397	-.16116	-.00280	-.00799	9.92570	10.03000	-5.01600	2.40810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1121/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.870	200.270	.17665	-.02121	.19381	-.13902	-.00472	-.00701	9.97700	10.01400	-5.07480	2.45240
201.080	100.240	.18677	-.00969	.20974	-.12331	.00101	-.00845	10.01200	9.98000	-5.12440	2.49580
199.780	.408	.15758	-.00166	.16880	-.07084	.02586	-.01051	9.99070	9.90760	-5.10510	2.57140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT666) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1081/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.293	.546	.14427	-.05199	.14656	-.10630	-.00702	-.00864	9.99640	10.01300	-4.52120	2.24460
-.073	100.580	.15488	-.05235	.15670	-.09929	-.00190	-.01003	9.99810	9.99340	-4.51230	2.27860
-1.335	200.520	.09289	-.04468	.17086	-.16560	.00254	-.00693	9.93690	10.07600	-4.47230	2.13820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT666) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1082/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.721	200.540	.08640	-.04789	.16434	-.17363	-.00203	-.00851	9.98070	10.02900	-4.51870	2.18610
51.332	100.400	.12685	-.03300	.14866	-.07842	-.01275	-.00758	10.06500	9.92570	-4.58210	2.35130
49.787	.336	.12775	-.04515	.13517	-.09205	-.01496	-.00932	9.97970	10.02400	-4.50070	2.23070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1083/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.368	.202	.10703	-.03526	.14131	-.09701	-.01682	-.00610	9.99010	10.00700	-4.50370	2.24520
99.771	100.480	.10529	-.03053	.14680	-.07748	-.01616	-.00637	9.99470	9.99060	-4.50340	2.26880
99.837	200.450	.08657	-.04938	.15822	-.20148	-.00307	-.00869	9.98880	9.99390	-4.52430	2.24540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1084/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.450	200.500	.09525	-.04134	.15461	-.17582	-.00054	-.00944	10.02900	9.97670	-4.55920	2.29570
200.970	100.400	.14687	-.04357	.14205	-.12809	-.02187	-.00451	10.04600	10.00500	-4.55640	2.25500
199.850	.436	.14059	-.03848	.14576	-.12157	-.01985	-.00588	9.99680	9.99990	-4.50710	2.25250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT667) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1122/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.397	.412	.04865	-.06708	.16862	-.09027	-.00524	-.00802	9.96380	10.02700	-5.08820	2.45580
.471	100.370	.05795	-.06960	.16658	-.08166	-.01836	-.00492	9.99620	10.03300	-5.12770	2.44960
-2.012	200.420	-.00639	-.07206	.17524	-.16038	-.01315	-.00602	9.91150	10.08800	-5.05220	2.35850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT667) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	1500.000
MACH	=	4.500			

RUN NO. 1123/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.936	200.410	.00404	-.07592	.17103	-.16570	-.01705	-.00665	9.98940	10.02500	-5.11990	2.42870
53.002	100.360	.06563	-.05501	.15178	-.06833	-.02211	-.00503	10.09500	9.91600	-5.22650	2.55570
48.472	.370	.01974	-.05071	.17533	-.11293	.02027	-.01634	9.94410	9.97540	-5.07060	2.49620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1124/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.780	.367	.08213	-.04514	.17383	-.08980	.01055	-.01222	10.06000	10.00700	-5.17330	2.45870
99.783	100.350	.06383	-.04202	.16681	-.07112	-.02232	-.00338	9.98270	10.06500	-5.10000	2.39740
99.970	200.530	.02223	-.07389	.17423	-.16133	-.01647	-.00530	9.99180	10.00700	-5.11190	2.46120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1125/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	200.360	.10890	-.04314	.18169	-.17622	-.02029	-.00682	9.98720	10.00400	-5.10910	2.49310
200.740	100.320	.12221	-.01685	.17867	-.10096	-.02366	.00023	10.04900	9.93450	-5.14570	2.54830
199.570	.250	.11450	-.01892	.18333	-.06573	.01262	-.00695	9.98120	10.01700	-5.07540	2.47340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT668) (12 OCT 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	10.000
Y	=	.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 1085/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.030	-.036	.04582	-.06197	.15391	-.18649	.02598	-.01353	9.98700	9.97890	-4.51520	.18656
.309	99.962	.05524	-.06604	.15062	-.17241	.02843	-.01515	9.99480	9.98990	-4.52910	.17609
.362	200.110	.05783	-.05745	.14608	-.16832	.03301	-.01557	10.01000	10.00400	-4.54430	.16478
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT668) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1086/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.[illegible]	199.950	.05538	-.05797	.16079	-.15720	.03308	-.01478	9.98350	9.99750	-4.50840	.18397
50.159	99.906	.06695	-.05940	.16174	-.15434	.03142	-.01263	9.99850	10.01000	-4.52030	.16417
51.043	-.138	.09485	-.05253	.16052	-.15979	.03473	-.01419	10.03400	10.00800	-4.55320	.16467
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1087/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.180	-.112	.10904	-.04572	.17023	-.15600	.03256	-.01439	10.01700	10.01200	-4.52330	.17849
99.541	99.986	.09867	-.04963	.16861	-.15397	.03241	-.01173	9.97920	10.00600	-4.49120	.18167
100.310	200.060	.09763	-.04175	.15967	-.15952	.03726	-.01425	10.00900	10.00400	-4.52620	.18040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1088/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.610	199.970	.22867	-.02045	.17382	-.17339	.01864	-.01278	9.98810	10.00700	-4.49680	.19005
200.840	99.880	.25025	-.01232	.17825	-.17400	.00827	-.01324	10.02800	10.03300	-4.53450	.17794
200.110	.001	.25171	-.00678	.18460	-.22347	.00546	-.01420	10.00100	10.07600	-4.50410	.14789
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT669) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1126/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.686	-.179	-.04583	-.09004	.17300	-.18769	.03085	-.02281	9.91360	10.03100	-5.05150	.40081
-.736	99.830	-.07625	-.07745	.18426	-.17621	.00838	-.01312	9.96870	10.04600	-5.10100	.35762
2.160	199.930	-.02242	-.07036	.17921	-.16872	.00639	-.01064	10.06600	10.00800	-5.20120	.39093
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT669) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1127/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.830	200.000	-.02726	-.05857	.19276	-.15092	.01477	-.01036	10.00300	9.97860	-5.12720	.42282
50.439	99.936	-.00617	-.06664	.19028	-.17152	.01106	-.01314	10.00100	10.04300	-5.12370	.36506
51.250	-.154	.01534	-.05959	.18062	-.16638	.03982	-.02418	10.03200	9.94530	-5.16200	.49022
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1128/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.280	-.185	.07815	-.03997	.16879	-.11727	.07600	-.02872	9.94230	10.03400	-5.06290	.39607
103.850	100.070	.15192	-.06894	.16522	-.17327	.01588	-.01261	10.06000	10.07200	-5.18070	.33986
100.140	199.920	.17341	-.07441	.15219	-.18063	-.00089	-.00857	9.98670	10.05600	-5.11450	.35855
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1129/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.330	199.930	.39050	.03886	.19914	-.22254	-.00459	-.01244	9.93440	10.02200	-5.06150	.40622
200.530	99.716	.35233	.04887	.21617	-.14681	.01013	-.01241	10.00500	10.01800	-5.13800	.40416
200.790	-.220	.34970	.03174	.11762	-.06576	.07064	-.01853	10.04300	10.01300	-5.16670	.41029
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT670) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1089/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.074	.010	.09635	-.07903	.15412	-.18508	.01070	-.00812	9.97950	9.97100	-4.52510	.20058
-.998	99.948	.06353	-.06535	.15632	-.24469	.02177	-.01744	9.98210	10.05200	-4.51500	.09208
-.660	200.070	.04130	-.06506	.15881	-.16002	.02594	-.01225	9.96600	9.90670	-4.50230	.23787
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT670) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1090/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.327	199.940	.02738	-.06157	.15931	-.14922	.03372	-.01160	9.98130	9.98230	-4.50760	.16418
49.906	99.955	.05612	-.05436	.16405	-.22476	.02295	-.01610	9.99730	10.01500	-4.51330	.13006
50.775	-.042	.08884	-.06933	.15519	-.21559	.00517	-.01025	10.00400	10.04300	-4.52830	.12550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1091/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.240	-.110	.10057	-.05961	.16913	-.21546	.00453	-.01268	10.01700	10.01300	-4.53170	.16964
99.238	99.793	.08192	-.05841	.15923	-.18602	.01664	-.01276	9.96860	9.95190	-4.47650	.22370
98.957	200.020	.04897	-.05636	.16731	-.14803	.02884	-.01210	9.95790	9.94300	-4.47030	.21436
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1092/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	200.080	.16199	-.03763	.16466	-.14681	.01161	-.00929	9.98600	10.01300	-4.49450	.16729
200.430	99.915	.17639	-.03796	.16595	-.19927	.01303	-.01535	10.01100	10.06700	-4.52080	.13681
200.530	-.026	.18978	-.04367	.17396	-.19778	.00460	-.01298	9.99370	10.02500	-4.51830	.20603
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT671) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1130/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.161	-.051	-.02619	-.08480	.18210	-.15002	.02659	-.01931	9.97160	10.00100	-5.11480	.46972
.061	99.917	-.02673	-.08324	.18266	-.17574	-.00147	-.00948	9.98930	10.01200	-5.13840	.42696
-.771	199.800	-.01667	-.07848	.18101	-.14933	-.00065	-.00883	10.01300	9.98000	-5.11900	.42694
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT671) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1131/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.663	199.920	.02552	-.06373	.19360	-.13079	.00354	-.01000	10.04400	9.98980	-5.14670	.42992
47.953	99.938	-.03645	-.06410	.19131	-.16439	-.00570	-.00829	9.92870	10.07400	-5.02640	.34469
51.553	-.065	-.00797	-.06909	.18615	-.15299	.02190	-.01490	10.01000	9.93980	-5.13290	.52052
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1132/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.917	-.132	.06989	-.03003	.19414	-.13818	.03762	-.02085	9.94900	10.04000	-5.07290	.42232
99.429	99.695	.03943	-.04385	.20366	-.15360	.00577	-.00994	10.00600	9.98930	-5.06650	.44018
100.820	199.880	.06562	-.04384	.20551	-.11466	.01522	-.01219	10.02000	9.94730	-5.07960	.46685
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1133/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.550	199.780	.27424	.00608	.21837	-.12048	-.00971	-.00676	9.96160	9.97970	-5.11700	.49636
200.370	99.849	.25626	.01005	.20084	-.07790	.04689	-.01502	9.99800	9.99400	-5.15020	.46279
198.850	-.103	.21803	.01813	.19045	-.09190	.04493	-.01706	9.97140	10.03400	-5.11160	.43036
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT672) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1093/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.040	-.053	.12838	-.05339	.15259	-.11606	.00915	-.01231	9.98610	10.01800	-4.50860	.24920
-1.017	100.100	.08798	-.06032	.15996	-.17649	.01392	-.00891	9.93710	10.06700	-4.48330	.13497
-1.023	199.940	.05298	-.04601	.16193	-.25580	.02052	-.01453	9.97980	10.08100	-4.51290	.07646
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT672) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1094/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.521	199.980	.05662	-.05113	.15747	-.25459	.01358	-.01607	9.98700	10.02500	-4.50670	.14942
51.213	99.842	.06803	-.05427	.15834	-.19646	.00982	-.01051	10.01500	9.95320	-4.54830	.25236
50.733	.003	.10808	-.04169	.15316	-.10306	-.00133	-.01108	10.03800	9.93520	-4.55910	.32670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1095/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.620	-.212	.10218	-.03955	.15022	-.10047	-.00177	-.00819	9.98880	10.00400	-4.50330	.24868
99.866	99.968	.09538	-.06023	.15289	-.20362	.00837	-.01123	9.98900	10.00600	-4.51690	.21693
99.178	199.930	.07057	-.05202	.15487	-.25825	.01218	-.01727	9.97960	10.06400	-4.49840	.13775
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1096/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.690	199.990	.11762	-.04936	.15837	-.22271	.00586	-.01436	10.04100	9.98200	-4.56950	.26878
200.430	100.050	.13529	-.05634	.15681	-.19733	.00926	-.01224	10.00300	9.98000	-4.54020	.29233
200.710	-.132	.17180	-.04717	.15328	-.14112	-.00436	-.00691	10.04500	9.98130	-4.55320	.27206
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT673) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1134/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.955	.035	.02930	-.07041	.18611	-.11843	.01114	-.01204	10.00900	10.02600	-5.13960	.44255
-.663	100.000	.01220	-.07991	.17282	-.13029	.00240	-.00992	9.95550	10.05200	-5.08750	.42063
-1.899	199.870	-.04971	-.06787	.18497	-.17643	.00049	-.00750	9.94360	10.06600	-5.06910	.34693
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT673) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1135/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.538	199.860	-.02488	-.06107	.19113	-.16856	.00138	-.00815	10.02700	10.00200	-5.13540	.41120
50.614	99.815	-.00794	-.06205	.19054	-.16521	.00077	-.00909	10.01500	10.00800	-5.12410	.42420
50.794	-.050	-.00627	-.04904	.19595	-.12652	.01673	-.01293	10.01200	9.94190	-5.13000	.51513
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1136/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.060	-.076	.06006	-.04477	.19027	-.11584	.02197	-.01215	10.07600	9.99160	-5.18480	.45963
100.690	100.050	.04726	-.05491	.19193	-.15460	-.00622	-.00788	10.00500	10.02800	-5.11720	.41497
98.578	199.990	-.00852	-.05026	.19886	-.15778	.00067	-.00762	9.94080	10.00400	-5.06120	.43561
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1137/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.510	199.810	.17260	-.01693	.20379	-.14239	-.00328	-.00683	9.96820	10.02500	-5.08740	.43495
201.380	99.924	.20651	-.01147	.21679	-.12512	.00300	-.00803	10.02800	9.98470	-5.15250	.48493
198.820	-.140	.15626	.00787	.19969	-.08273	.02995	-.01061	9.98350	9.91870	-5.09440	.55275
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT674) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1097/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.572	-4.159	.05908	-.06819	.15854	-.17973	.01569	-.01176	10.00500	9.95940	-4.53290	-1.79530
-.005	96.007	.05651	-.07225	.15628	-.18207	.03458	-.01750	9.98020	9.97370	-4.51650	-1.80030
.417	196.020	.05981	-.06150	.14842	-.16597	.03301	-.01606	10.01800	10.00200	-4.55460	-1.82420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT674) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1098/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.648	196.020	.06074	-.06150	.16384	-.16642	.03799	-.01722	9.98770	9.99670	-4.51520	-1.81990
49.938	95.887	.06581	-.06344	.16756	-.16081	.03833	-.01555	9.98930	9.99930	-4.51530	-1.82160
50.860	-4.005	.08594	-.05290	.16839	-.15840	.03391	-.01466	10.02800	10.01600	-4.55150	-1.84560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1099/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.460	-4.118	.11341	-.04854	.17826	-.17039	.03873	-.01433	10.02400	10.01400	-4.53210	-1.82220
99.326	95.920	.09592	-.05328	.17154	-.16513	.03583	-.01363	9.96920	10.01300	-4.48230	-1.82460
99.805	196.010	.08314	-.04344	.16549	-.16696	.04285	-.01617	9.99810	9.99810	-4.51150	-1.81310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1100/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.620	195.970	.22005	-.02051	.17635	-.18142	.01636	-.01250	9.98320	10.01100	-4.50020	-1.80390
200.470	95.955	.24004	-.01383	.18198	-.20267	.01746	-.01527	10.01900	10.03400	-4.52470	-1.81190
199.450	-4.061	.22447	-.00545	.20003	-.23627	.00384	-.01428	9.98950	10.07900	-4.48820	-1.85310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT675) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1138/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.979	-4.067	-.06803	-.09360	.18890	-.19747	.04035	-.02608	9.90580	10.03100	-5.05570	-1.57270
.581	95.838	-.05956	-.08339	.18828	-.16888	.00335	-.01199	10.02700	10.06100	-5.17070	-1.63150
.962	195.930	-.02315	-.07447	.18446	-.16382	.00887	-.01173	10.04700	9.99560	-5.17240	-1.57950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT675) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1139/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.601	195.830	-.01869	-.06205	.19552	-.17071	.01457	-.01193	10.01300	10.00500	-5.10630	-1.59220
50.588	95.671	.01102	-.06463	.19677	-.17099	.00913	-.01335	10.01800	10.02400	-5.09710	-1.61850
51.384	-4.124	.01747	-.05800	.20242	-.15918	.02786	-.02004	10.00600	9.96000	-5.11700	-1.51990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1140/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.418	-4.077	.04702	-.01941	.20548	-.11021	.06362	-.02194	9.95090	9.99850	-5.07760	-1.54830
101.180	95.488	.10848	-.05699	.19286	-.15367	.01559	-.01108	10.04600	9.99820	-5.17460	-1.56470
96.763	195.590	-.02498	-.02862	.21962	-.15495	.02632	-.01387	9.91930	9.96940	-5.05360	-1.53880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1141/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.070	195.930	.37607	.03559	.20930	-.22767	-.00368	-.01149	9.90010	10.02300	-5.03100	-1.57170
198.610	95.885	.34809	.04009	.24238	-.14538	.00389	-.00940	9.95570	9.90420	-5.07250	-1.46970
199.660	-4.071	.29077	.04903	.16112	-.07199	.06485	-.01857	9.97200	10.03000	-5.09240	-1.58440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT676) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1101/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

-.023	-4.284	.08267	-.07070	.15307	-.18562	.01735	-.01003	9.98630	9.97160	-4.53080	-1.78130
-.948	95.937	.05607	-.05897	.15794	-.24611	.02435	-.01696	9.98500	10.06400	-4.51420	-1.90570
-.220	195.990	.05161	-.06773	.15695	-.16371	.03010	-.01266	9.97010	9.90250	-4.50660	-1.74520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT676) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1102/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.375	196.090	.03961	-.06395	.15510	-.15557	.03255	-.01177	9.98410	9.99910	-4.50920	-1.83560
49.988	95.950	.05241	-.05519	.16459	-.22215	.02390	-.01531	9.99930	10.00800	-4.51700	-1.84370
50.648	-4.061	.08957	-.06575	.15681	-.22385	.01373	-.01343	10.01400	10.03900	-4.52600	-1.85610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1103/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.190	-4.040	.10021	-.06342	.16759	-.23978	.01575	-.01771	9.99780	10.03000	-4.50500	-1.82800
99.136	95.972	.06884	-.05620	.16320	-.20781	.01982	-.01566	9.97680	9.96650	-4.48440	-1.78100
99.436	196.010	.05651	-.06150	.16352	-.16584	.03115	-.01422	9.96820	9.93810	-4.48160	-1.76860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1104/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.580	195.910	.15223	-.03565	.17093	-.15886	.01698	-.01076	9.98360	9.99490	-4.48930	-1.79090
200.910	95.984	.18009	-.03818	.17703	-.17094	.01919	-.01351	10.01300	10.02100	-4.52520	-1.80490
200.590	-4.132	.18777	-.04171	.18183	-.20854	.01473	-.01615	9.99500	10.06400	-4.52590	-1.80940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT677) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1142/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.465	-4.132	-.02961	-.08302	.19625	-.15749	.02634	-.01661	10.00100	10.00700	-5.14700	-1.52600
.054	95.832	-.03652	-.08155	.18808	-.15551	-.00063	-.00905	9.99000	10.06700	-5.13870	-1.61370
1.083	195.850	.00230	-.08374	.18342	-.15100	-.00115	-.00967	10.03900	10.00300	-5.18220	-1.56700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT677) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1143/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.478	195.790	.05493	-.07852	.17741	-.16006	.00777	-.01155	10.07200	9.99430	-5.19860	-1.55810
47.897	95.840	-.02349	-.07072	.19073	-.17575	-.00163	-.00912	9.90890	10.05500	-5.03860	-1.61560
50.385	-4.140	-.01766	-.07295	.19511	-.15912	.01719	-.01360	9.99050	9.95410	-5.12890	-1.48700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1144/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.999	-4.215	.10337	-.03330	.19882	-.13752	.03343	-.01713	9.97940	10.01900	-5.10780	-1.55080
97.752	95.866	.05566	-.04745	.20563	-.16299	.01038	-.01117	9.91650	10.09600	-5.03770	-1.64060
100.020	195.870	.05681	-.04544	.20904	-.12696	.01745	-.01278	9.99480	9.95750	-5.11710	-1.51520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1145/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.790	195.880	.24509	.00707	.22297	-.16007	-.00864	-.00763	9.94680	10.01800	-5.07000	-1.54690
199.690	95.703	.24222	.00578	.21032	-.06868	.04152	-.01336	9.97580	9.97900	-5.10130	-1.52170
199.310	-4.100	.20603	.02203	.21089	-.09048	.03255	-.01171	9.98260	10.06300	-5.10390	-1.59710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT678) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1105/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

-.033	-4.076	.10993	-.04042	.15388	-.11294	.00970	-.01092	9.98930	10.01100	-4.51180	-1.76220
-.782	96.159	.08302	-.05323	.15731	-.17319	.01767	-.01029	9.94160	10.07400	-4.48490	-1.87090
.368	196.030	.05333	-.03960	.16468	-.24020	.01647	-.01208	10.03100	9.99660	-4.56340	-1.83310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT678) (12 OCT 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1106/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.381	195.930	.05304	-.04910	.16056	-.25467	.01434	-.01579	9.97600	10.03100	-4.49680	-1.86350
51.199	96.000	.08303	-.05053	.16244	-.18933	.01038	-.01124	10.01500	9.94660	-4.54790	-1.74860
50.802	-4.132	.10348	-.03771	.15324	-.09881	.00426	-.01064	10.04100	9.92160	-4.56060	-1.68150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1107/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.577	-4.206	.10181	-.03770	.15079	-.11765	.00591	-.00927	9.99040	10.02700	-4.49990	-1.79580
99.176	95.845	.09461	-.05734	.15636	-.19797	.01172	-.01048	9.94690	10.08700	-4.47040	-1.87490
99.401	196.020	.07502	-.05299	.15725	-.25045	.01045	-.01632	9.97970	10.07400	-4.49880	-1.88080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1108/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.290	196.000	.10595	-.04460	.16319	-.23845	.01358	-.01781	10.03500	9.99130	-4.55930	-1.74980
200.650	95.924	.12645	-.05144	.16458	-.19216	.00895	-.01359	10.00300	9.96660	-4.53620	-1.71420
201.020	-4.256	.17395	-.04640	.16009	-.15034	-.00128	-.00814	10.05400	9.98430	-4.55990	-1.74570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT679) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1146/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.610	-4.063	-.00117	-.06447	.18947	-.11747	.01289	-.01113	9.96750	10.00400	-5.10550	-1.52710
-.510	95.989	-.01443	-.07310	.17431	-.12462	-.00131	-.00801	9.96300	10.06100	-5.10150	-1.57810
-1.320	195.980	-.06178	-.06791	.18491	-.18845	.00199	-.00724	9.94580	10.08100	-5.08970	-1.64990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT679) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1147/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.465	195.900	-.04289	-.05861	.19415	-.17333	.00574	-.00818	10.02100	9.98860	-5.15070	-1.55670
51.865	95.734	.02032	-.07301	.17775	-.13259	-.00792	-.00635	10.03600	9.99480	-5.16940	-1.53900
51.225	-4.200	.04469	-.06085	.18015	-.10545	.01227	-.01012	10.03200	9.93730	-5.16620	-1.46830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1148/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.290	-4.146	.04055	-.04235	.19833	-.10112	.01261	-.00973	9.94300	10.02400	-5.05690	-1.56740
99.756	95.867	.00708	-.05227	.20412	-.15966	.00375	-.00879	9.97720	10.00800	-5.09380	-1.55410
99.687	195.960	.00389	-.05460	.19708	-.16970	.00182	-.00876	9.98040	10.02500	-5.08940	-1.58870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1149/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.820	195.800	.19441	-.02898	.20213	-.16430	.00494	-.00756	9.97680	10.00700	-5.08420	-1.53680
200.220	95.857	.18884	-.01461	.22858	-.14987	.01261	-.00997	9.99850	9.98090	-5.11070	-1.50200
199.340	-4.129	.14032	.00431	.20648	-.08712	.02301	-.00912	9.98230	9.92430	-5.09560	-1.44470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT680) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1186/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.005	-2.075	-.38918	.01853	.19143	-.14850	-.00728	-.00347	-9.99980	10.02600	-.57287	4.20780
2.029	97.631	-.33131	.02925	.19165	-.14079	-.00894	-.00202	-9.92850	10.00700	-.64580	4.22890
.371	197.630	-.33785	.05786	.21449	-.14414	-.02039	-.00233	-9.96050	10.03700	-.61292	4.19020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT680) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1187/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.430	197.690	-.35766	.06606	.22126	-.14878	-.02096	-.00464	-10.01300	10.01900	-.56073	4.19130
49.605	97.609	-.34332	.04022	.19468	-.14633	-.00459	-.00402	-10.02700	9.97530	-.54443	4.23520
48.570	-2.422	-.35645	.01617	.18946	-.15852	.00425	-.00668	-10.07700	10.00900	-.49384	4.20430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1188/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	-2.435	-.34954	.02402	.19405	-.15327	.00427	-.00723	-9.98900	10.00500	-.57699	4.18570
100.840	97.693	-.34128	.04512	.20081	-.16011	-.00846	-.00550	-9.95830	10.05000	-.61075	4.14590
100.250	197.740	-.34868	.06691	.22062	-.18469	-.01467	-.00828	-9.98050	10.05900	-.58863	4.14360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1189/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.010	197.860	-.33027	.06856	.23447	-.22176	-.00631	-.01810	-9.98770	10.04700	-.56992	4.13730
199.900	97.812	-.31448	.05386	.21145	-.18169	-.01017	-.00995	-10.00500	9.97640	-.55109	4.19850
198.140	-2.327	-.34903	.04117	.21073	-.17784	.00118	-.00963	-10.06500	9.98880	-.48878	4.18940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT681) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1222/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.180	-2.219	-.36614	-.02430	.18624	-.09450	-.00710	-.00095	-10.00100	10.02800	-1.13630	4.37740
-1.497	97.835	-.41503	-.02603	.18323	-.10391	-.02188	.00267	-10.05100	10.06500	-1.09500	4.34070
1.144	197.700	-.38775	-.01698	.16576	-.11337	-.02258	.00294	-9.95650	10.03000	-1.19070	4.37860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT681) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1223/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
47.675	197.840	-.46153	-.00826	.18433	-.12210	-.02476	.00166	-10.06900	10.03900	-1.07830	4.34950
51.078	97.545	-.40033	-.02906	.18560	-.10243	-.01575	.00211	-9.98530	9.97300	-1.16230	4.41420
50.991	-2.349	-.36646	-.02357	.19144	-.09674	-.00620	-.00224	-9.96100	9.99240	-1.18470	4.39750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1224/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	-2.487	-.35199	-.02348	.19906	-.08410	.00287	-.00392	-9.99120	9.96970	-1.15360	4.40560
97.880	97.384	-.41420	-.02984	.19945	-.09141	-.01455	.00112	-10.08100	10.05100	-1.07000	4.32530
99.676	197.530	-.44466	-.01462	.18363	-.13827	-.01442	-.00164	-10.00500	10.06400	-1.15000	4.31620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1225/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.460	197.620	-.44235	.01806	.23476	-.10195	-.02001	-.00298	-9.96420	9.98240	-1.18820	4.38780
201.340	97.517	-.35328	-.01278	.23162	-.07904	-.02077	-.00140	-9.95820	9.98710	-1.18850	4.37720
200.350	-2.436	-.34296	-.00058	.24176	-.05841	-.00874	-.00385	-9.97580	9.96780	-1.16890	4.40730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT682) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1190/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.899	.655	-.30589	-.00678	.16775	-.11263	.01585	-.00644	-9.97460	10.01300	-.60011	2.19720
-.284	100.410	-.33243	.01558	.17697	-.10663	.01315	-.00501	-9.99740	10.01300	-.58116	2.20500
.529	200.320	-.37882	.00239	.19238	-.15538	.00332	-.00413	-9.98430	9.99980	-.59185	2.16730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT682) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1191/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.172	200.430	-.40650	.00790	.20531	-.19283	.01418	-.01124	-10.03500	10.03300	-.54512	2.12620
45.626	100.510	-.57116	.03675	.22977	-.16714	.02036	-.00700	-10.13600	10.01000	-.43975	2.15310
49.945	.467	-.32977	-.00056	.17812	-.12387	.01626	-.00642	-10.00600	10.01700	-.56692	2.16680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1192/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	.272	-.32173	.00484	.18274	-.10522	.01017	-.00356	-9.98320	9.99760	-.58495	2.17340
97.279	100.640	-.39166	-.00280	.20307	-.18372	.01842	-.01103	-10.09900	10.09400	-.47105	2.05580
99.929	200.570	-.40065	.01055	.21437	-.21092	.02496	-.01592	-10.00800	10.03300	-.56116	2.11180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1193/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.170	200.500	-.35649	.03439	.23662	-.26207	.03455	-.02266	-9.92880	10.05300	-.61687	2.07910
200.120	100.500	-.33274	.01901	.22987	-.22273	.02143	-.01554	-10.01000	10.00200	-.53922	2.14280
200.810	.383	-.30719	.02008	.21872	-.15394	.01348	-.00885	-9.97220	9.94520	-.58208	2.21340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT683) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1226/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.434	.526	-.34839	-.04224	.17586	-.11146	.01485	-.00578	-10.01200	10.00900	-1.15590	2.39060
-1.410	100.360	-.35574	-.07196	.16498	-.14837	.00623	-.00458	-10.06400	10.07900	-1.10250	2.32630
-1.502	200.400	-.41461	-.05586	.16094	-.16131	.00373	-.00473	-10.04700	10.03300	-1.11740	2.37860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT683) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1227/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.818	200.820	-.44250	-.05578	.17871	-.12452	.00808	-.00234	-9.98690	10.03800	-1.18130	2.37760
50.475	100.340	-.41025	-.06263	.19592	-.13072	-.00609	-.00233	-9.99620	10.04900	-1.17360	2.35420
49.458	.459	-.30236	-.04034	.18289	-.11703	.03004	-.00753	-10.02500	10.04000	-1.14480	2.36410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1228/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.150	.358	-.27550	-.01686	.19839	-.06045	.02891	-.00627	-9.94670	9.94850	-1.21530	2.45540
100.020	100.570	-.34190	-.03959	.20242	-.08590	.02838	-.00494	-9.99920	10.01200	-1.16660	2.39240
97.827	200.700	-.41654	-.03149	.19923	-.07719	.00728	-.00086	-10.06800	10.05600	-1.09580	2.35340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1229/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.840	200.420	-.23237	.01268	.22910	-.08678	.01759	-.00500	-9.94760	10.01100	-1.21200	2.39980
200.400	100.350	-.23871	.04027	.24653	-.05584	.02663	-.00673	-9.98140	9.95810	-1.17840	2.45280
201.110	.470	-.18542	.02300	.21998	-.07037	.03663	-.00914	-9.96560	10.01300	-1.19540	2.39970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT684) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1194/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

-.481	.751	-.36082	.00690	.18514	-.15451	.01497	-.00851	-10.01800	10.02200	-.55410	2.21440
1.468	100.470	-.33027	.02539	.18400	-.12466	.00342	-.00426	-9.94500	10.01200	-.62964	2.21890
-.012	200.570	-.34722	.05172	.21117	-.12174	-.00573	-.00336	-9.98970	10.04000	-.58439	2.19400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT684) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1195/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.428	200.420	-.40374	.06238	.21793	-.10833	-.01025	-.00325	-10.04500	10.00800	-.53206	2.20330
50.459	100.540	-.35849	.03725	.19526	-.12302	.00162	-.00545	-9.99260	10.00000	-.58133	2.20910
49.200	.402	-.35318	.01407	.18940	-.13304	.00874	-.00765	-10.03800	10.00800	-.53152	2.19770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1196/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.520	.382	-.32244	.01149	.18649	-.13354	.01083	-.00719	-9.98600	10.00800	-.57994	2.17640
99.963	100.430	-.34676	.03867	.19732	-.13376	.00013	-.00658	-9.98880	10.03700	-.58143	2.15590
97.348	200.440	-.40226	.02176	.20747	-.15264	.00802	-.00884	-10.09700	10.01800	-.46931	2.15020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1197/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.190	200.450	-.35959	.03350	.23295	-.24117	.03548	-.02239	-9.95490	10.05500	-.60592	2.09940
200.780	100.460	-.34513	.05260	.22056	-.17111	-.00077	-.00902	-9.96070	10.01300	-.59565	2.15860
199.430	.420	-.33345	.03350	.21441	-.17977	.01194	-.01080	-10.02200	10.00700	-.53075	2.16210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT685) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1230/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.716	.583	-.33944	-.04561	.18465	-.10756	.01105	-.00500	-9.98160	10.00500	-1.19270	2.41960
-2.277	100.350	-.39675	-.05696	.18079	-.14634	.00308	-.00304	-10.08600	10.07200	-1.08890	2.35520
-.964	200.490	-.44149	-.03988	.17343	-.13997	-.00634	-.00157	-10.02400	10.02700	-1.15010	2.40560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT685) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1231/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.832	200.540	-.47407	-.03786	.18229	-.14[illegible]58	-.00141	-.00261	-10.05300	10.01600	-1.12080	2.40670
51.350	100.530	-.40397	-.05588	.19085	-.12171	.00096	-.00172	-9.99280	9.99780	-1.18150	2.41480
51.105	.331	-.38209	-.03335	.20771	-.08243	.01247	-.00526	-9.97410	9.94690	-1.19910	2.46110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1232/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.710	.229	-.31715	-.03235	.21455	-.05605	.01414	-.00486	-9.93240	9.97570	-1.23640	2.43200
99.792	100.390	-.40401	-.04371	.21537	-.08453	.01422	-.00340	-10.00000	10.02700	-1.17080	2.38390
99.432	200.320	-.43491	-.03114	.19565	-.07055	-.00044	-.00042	-10.01200	10.02400	-1.15970	2.39300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1233/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.310	200.520	-.34299	.00037	.24095	-.14076	.00232	-.00465	-10.01600	10.02200	-1.14450	2.38940
200.770	100.450	-.30914	-.00022	.25057	-.09425	.00553	-.00431	-9.98290	9.95640	-1.17710	2.45490
202.300	.375	-.22289	-.00582	.24848	-.07340	-.00280	-.00420	-9.93450	10.01200	-1.22520	2.39910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT686) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1767/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

-.416	-2.593	.09168	-.06850	.14447	-.08883	-.02587	-.00368	9.96760	10.01800	-4.90220	4.38360
1.054	97.582	.11752	-.06647	.14349	-.08709	-.03159	-.00570	10.01900	10.02900	-4.95640	4.37330
1.324	197.520	.14503	-.04709	.15597	-.03915	-.03132	-.00043	10.04700	9.95990	-4.97720	4.43040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT686) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1768/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.265	197.300	.09687	-.04146	.16385	-.03239	-.03313	.00129	9.95520	10.00500	-4.[illegible]7240	4.36070
100.170	97.595	.09654	-.04651	.13407	-.04578	-.04350	-.00038	9.99770	10.06000	-4.91600	4.31150
99.479	-2.533	.08333	-.05033	.14122	-.06710	-.02914	-.00313	9.97280	10.01100	-4.88770	4.35890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1769/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.790	-2.524	.09523	-.02951	.15900	-.08012	-.01228	-.00502	10.02900	9.99800	-4.94000	4.38420
200.050	97.464	.08734	-.02767	.15007	-.09234	-.03048	-.00134	9.99180	10.07000	-4.90630	4.31390
199.550	197.480	.07561	-.02955	.16297	-.10064	-.02919	-.00115	9.96890	10.02600	-4.88440	4.35940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT687) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1770/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.775	.300	.05815	-.07968	.16531	-.11799	.02014	-.01479	9.95180	9.98980	-4.88900	2.39120
.081	100.370	.03542	-.08782	.16804	-.16470	-.00753	-.00968	9.98630	10.01500	-4.94430	2.34290
-.716	200.470	.00090	-.07137	.16506	-.20704	.00687	-.00998	9.98330	10.03200	-4.92770	2.28600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1771/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.370	200.330	.02314	-.05427	.17648	-.18862	.00530	-.01049	10.03900	9.99960	-4.95390	2.33910
100.900	100.240	.04112	-.05861	.17862	-.15695	-.00992	-.00783	10.00500	10.00900	-4.93090	2.34600
101.990	.218	.09631	-.05591	.15771	-.12161	.01189	-.01114	10.06300	9.93190	-4.98320	2.42910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT687) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1772/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.070	.512	.15610	-.01921	.17480	-.09291	.01871	-.00895	9.95970	10.03000	-4.86820	2.36080
199.960	100.290	.13302	-.02689	.19225	-.13836	-.02066	-.00758	9.98450	10.01600	-4.90630	2.36620
199.550	200.260	.13941	-.03420	.18016	-.17131	-.00368	-.00952	9.98730	10.01400	-4.88730	2.34960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT688) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1773/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.655	.385	.10847	-.07528	.15046	-.08917	-.00905	-.00570	9.99650	10.02500	-4.91550	2.34480
-.045	100.320	.09256	-.06515	.16219	-.06962	-.00584	-.00748	9.98560	9.97770	-4.90470	2.40070
.255	200.500	.03975	-.06893	.16826	-.18533	-.00420	-.00957	9.98710	10.01300	-4.91960	2.31840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1774/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.272	200.320	.03023	-.06887	.16643	-.19691	-.00830	-.00840	9.97740	10.03600	-4.89420	2.32460
99.962	100.430	.07025	-.04116	.15808	-.06230	-.02533	-.00242	9.98690	10.03600	-4.89300	2.31550
100.970	.315	.10406	-.05270	.15528	-.08364	-.00308	-.00808	10.01100	9.98990	-4.91980	2.36610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1775/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.620	.411	.11506	-.02600	.17468	-.08345	.00051	-.00637	10.03900	10.00900	-4.93160	2.36380
201.270	100.330	.15131	-.03527	.15314	-.11863	-.01652	-.00252	10.02600	10.09300	-4.92610	2.27360
198.780	200.370	.11511	-.05842	.16507	-.19261	-.01077	-.01053	9.91280	10.08200	-4.83890	2.31970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT689) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1776/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.265	.307	-.02445	-.08479	.16489	-.19556	.02367	-.01657	9.96130	10.04600	-4.89270	.28381
.778	99.892	-.01614	-.07169	.17963	-.16238	.01764	-.01340	10.01600	9.99640	-4.94980	.31437
.898	200.010	.00862	-.07316	.17308	-.14585	.01767	-.01291	10.01100	10.00100	-4.94780	.31035
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1777/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.663	199.850	.06727	-.04031	.18873	-.14242	.03407	-.01348	9.97650	10.01700	-4.89780	.30758
100.930	99.706	.09580	-.04164	.18279	-.13394	.03482	-.01395	10.01600	10.00200	-4.93390	.32260
100.230	-.204	.10144	-.04492	.17973	-.15061	.05459	-.01983	9.99740	9.99310	-4.91500	.34714
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1778/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.750	-.221	.30565	.02427	.13419	-.05348	.06526	-.01767	10.00900	9.99800	-4.92230	.34532
199.810	99.833	.33257	.03087	.19793	-.18403	.00703	-.01206	9.97990	10.02600	-4.90120	.31760
199.040	199.890	.31045	.02095	.19584	-.20568	.00821	-.01269	9.95090	10.03900	-4.87170	.29883
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT690) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1779/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.022	-.251	.01541	-.09154	.17207	-.13069	.02600	-.01401	9.98950	9.99580	-4.92080	.37689
.361	99.844	-.01091	-.08017	.17881	-.18407	-.00208	-.00937	9.99390	9.99670	-4.93400	.31545
.026	199.780	-.01555	-.07775	.17558	-.14174	.00748	-.01018	9.99160	9.94700	-4.92990	.35564
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT690) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1780/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.788	199.970	.05936	-.05034	.19286	-.12017	.01830	-.01214	9.98070	10.02700	-4.89730	.29770
100.690	99.857	.04309	-.05360	.18259	-.17302	.00691	-.01014	10.00100	10.01100	-4.91390	.32544
101.590	-.176	.06884	-.03789	.19309	-.16164	.01252	-.01144	10.04400	9.99330	-4.96370	.35975
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1781/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.150	-.275	.21674	.00184	.19211	-.08547	.02899	-.01272	9.99480	10.01800	-4.91280	.33781
199.770	99.968	.21633	-.00186	.22080	-.15405	.04043	-.01162	9.96740	10.08000	-4.88570	.26697
199.880	200.020	.21829	-.01046	.19546	-.15928	.01854	-.01132	9.99550	10.07500	-4.90930	.27131
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT691) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1782/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.885	-.111	.06199	-.07751	.17230	-.09883	.00050	-.00783	10.00800	10.00800	-4.94290	.37916
.921	99.941	.03102	-.08383	.16593	-.16995	-.00710	-.00962	10.00900	10.01800	-4.96050	.33692
-.715	199.940	-.00376	-.06897	.17269	-.20325	.00697	-.00968	9.97980	10.02300	-4.92330	.30529
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1783/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.300	199.780	.01651	-.05366	.18751	-.19066	.00821	-.01049	10.03100	9.99870	-4.94710	.34349
101.090	99.832	.04748	-.06165	.18378	-.17708	-.00111	-.00911	10.01300	10.02100	-4.93930	.34191
100.200	-.192	.02748	-.04015	.18771	-.12161	.00734	-.00868	10.00700	9.93660	-4.93010	.42840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT691) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1784/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.610	-.243	.18879	-.02103	.18143	-.09458	.01376	-.00714	9.98240	10.02100	-4.88610	.36112
200.430	99.780	.14654	-.02852	.19768	-.15691	-.00850	-.00907	9.99650	10.01600	-4.91090	.36485
199.960	199.880	.15126	-.03554	.18351	-.19541	.00308	-.01221	9.99200	10.03600	-4.90190	.33481
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT692) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1785/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.686	-4.028	-.03007	-.09214	.17536	-.15873	.02013	-.01447	9.94890	9.98220	-4.89410	-1.61710
2.088	95.891	.01949	-.08227	.17287	-.16332	.01589	-.01478	10.06000	10.03000	-5.00780	-1.69590
.249	195.960	.01829	-.07670	.17384	-.14580	.01593	-.01443	9.99990	10.00000	-4.94880	-1.67120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1786/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.542	195.930	.05387	-.03930	.19573	-.15220	.03220	-.01401	9.97390	10.02600	-4.91170	-1.68330
101.010	95.697	.08851	-.04140	.19074	-.12928	.02525	-.01287	10.02200	10.00300	-4.95640	-1.65640
99.922	-4.184	.07542	-.03120	.20514	-.13324	.03350	-.01499	9.99850	10.00000	-4.92970	-1.64660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1787/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.520	-4.360	.30457	.02229	.15007	-.06399	.06530	-.01717	9.96990	9.99430	-4.89430	-1.63120
200.200	95.924	.33151	.03043	.21281	-.18082	.00342	-.01100	10.00100	10.02700	-4.93340	-1.66740
199.280	195.970	.31976	.01678	.20134	-.19768	.00791	-.01317	9.96500	10.02900	-4.89690	-1.66620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT693) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1788/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.926	-4.156	.04242	-.09593	.16730	-.12627	.01926	-.01251	10.03000	10.00100	-4.99050	-1.64750
.181	96.049	-.01301	-.08197	.17656	-.20554	.01037	-.01186	10.00200	10.01100	-4.95770	-1.71850
-.359	196.050	-.02103	-.07857	.17251	-.15449	.01150	-.01170	9.98930	9.96480	-4.93460	-1.68470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1789/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.340	196.060	.04989	-.05129	.19872	-.12659	.02405	-.01366	10.09600	9.96340	-5.01970	-1.66280
100.340	95.678	.05682	-.05348	.19574	-.15423	.01516	-.00953	10.00200	9.95400	-4.92260	-1.64370
101.310	-4.013	.07408	-.04083	.19525	-.16986	.01516	-.01005	10.02600	10.03700	-4.95300	-1.70610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1790/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.600	-4.068	.20828	.00373	.20945	-.10385	.03565	-.01240	9.98030	10.02900	-4.90460	-1.70590
200.630	95.700	.24217	-.00454	.21836	-.08581	-.05353	-.00671	10.02900	10.06100	-4.95510	-1.73600
198.750	195.880	.20017	-.00520	.20972	-.15476	.00542	-.00986	9.95130	9.96300	-4.87310	-1.63960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT694) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1791/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	-4.150	.03723	-.06879	.16302	-.11106	.00754	-.00850	9.97110	10.01600	-4.90830	-1.64510
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.113	195.910	-.00441	-.06977	.17123	-.20136	.01073	-.01000	9.99070	10.01300	-4.93700	-1.70750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT694) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1792/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.390	195.880	.01976	-.05697	.18623	-.19657	.01178	-.01143	10.03000	10.01200	-4.94990	-1.67820
100.740	95.866	.03952	-.06289	.18476	-.17771	-.00215	-.00958	10.00100	10.02500	-4.92990	-1.67540
101.200	-4.135	.05578	-.04696	.18395	-.11155	.00839	-.00812	10.03900	9.91960	-4.96430	-1.56200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1793/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.510	-4.143	.16206	-.01567	.20323	-.10925	.01922	-.00857	9.97830	10.01700	-4.89280	-1.63580
200.300	95.827	.16363	-.03526	.20024	-.17303	.01007	-.01198	9.99480	10.00500	-4.92010	-1.63600
199.580	195.980	.15414	-.03648	.19127	-.19735	.00667	-.01190	9.98190	10.06100	-4.89940	-1.69520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT695) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1258/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.277	-2.254	-.37964	-.01691	.19008	-.10410	-.00648	.00017	-9.99160	10.01200	-.99395	4.37180
-.302	97.527	-.39844	-.00777	.17677	-.11432	-.01723	.00151	-10.00300	10.04900	-.98451	4.33680
.228	197.690	-.41791	.01357	.18440	-.11683	-.01786	.00207	-9.98510	10.01800	-1.01310	4.36520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1259/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.925	197.760	-.43608	.02000	.19130	-.11971	-.01734	.00089	-10.01000	10.02000	-.97385	4.33760
50.216	97.618	-.39246	-.00890	.18174	-.10211	-.02292	.00248	-10.01100	10.00600	-.96942	4.35370
50.556	-2.378	-.35170	-.02243	.18925	-.10787	-.00712	-.00108	-9.99460	9.98340	-.98365	4.37220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT695) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1260/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.303	-2.441	-.36317	-.01900	.20423	-.09437	-.00561	-.00222	-10.01700	9.99470	-.96099	4.34870
99.255	97.660	-.39745	-.01120	.19163	-.11394	-.01855	.00000	-10.02400	10.06600	-.95705	4.27100
100.740	197.700	-.39140	.00865	.18883	-.12977	-.01898	-.00115	-9.95830	10.03600	-1.02530	4.30410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1261/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.800	197.470	-.42474	.02730	.23669	-.12182	-.01364	-.00448	-10.02100	9.98340	-.95558	4.34330
200.010	97.641	-.39818	.01108	.22582	-.11890	-.01745	-.00369	-10.00400	10.01800	-.96600	4.29990
200.820	-2.421	-.34444	-.00077	.23263	-.10232	-.00753	-.00502	-9.96960	9.97850	-.99667	4.35370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT696) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1278/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.074	.600	-.39134	-.03701	.18720	-.14049	.01646	-.00726	-10.02800	10.02500	-.95331	2.32770
.149	100.420	-.36837	-.05313	.16288	-.15106	.00780	-.00571	-10.00000	10.04400	-.97957	2.31120
-.847	200.510	-.41864	-.02704	.16798	-.15245	.00553	-.00531	-10.01500	10.02300	-.96467	2.34820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1279/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.600	200.340	-.45709	-.01953	.18242	-.10380	.00570	-.00210	-10.04[illegible]0	9.95450	-.93631	2.39880
50.322	100.420	-.41190	-.04550	.18511	-.12281	.01016	-.00396	-10.01400	10.02300	-.96454	2.32400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT696) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1280/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.710	.469	-.29054	-.03574	.19645	-.10203	.02165	-.00648	-9.96530	9.99410	-1.00940	2.34430
99.397	100.570	-.43358	-.02637	.20424	-.10292	.01371	-.00356	-10.02000	10.04000	-.95518	2.30560
100.640	200.620	-.41051	-.02372	.20309	-.12676	.01655	-.00543	-9.97920	10.04000	-.99283	2.30240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1281/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.160	200.420	-.29418	.01191	.23535	-.14915	.01951	-.00999	-9.98560	9.98830	-.98036	2.35470
200.770	100.380	-.26711	.01720	.23851	-.07722	.00811	-.00488	-9.96870	9.95490	-.99847	2.38730
200.540	.229	-.24585	.02206	.23971	-.05739	.02956	-.00877	-9.97660	9.93800	-.99059	2.41290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT697) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1282/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.417	.693	-.37717	-.03069	.19185	-.12705	.00796	-.00446	-10.01500	10.01200	-.96399	2.35840
-1.702	100.420	-.43683	-.02115	.18648	-.12112	-.00411	-.00158	-10.04500	10.03000	-.93763	2.33940
.689	200.490	-.42462	-.00497	.18094	-.13366	-.00352	-.00177	-9.93440	10.03000	-1.04960	2.34140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1283/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.914	200.520	-.44952	-.00315	.18488	-.13619	-.00632	-.00262	-10.02800	10.02600	-.95483	2.33330
50.819	100.320	-.38616	-.03319	.17635	-.11853	-.00067	-.00171	-9.99280	9.97760	-.98974	2.37360
50.766	.469	-.34464	-.04106	.19230	-.10455	.00132	-.00278	-9.98100	9.99360	-1.00150	2.35650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT697) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1284/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.167	.435	-.36519	-.03192	.21332	-.08391	.00141	-.00362	-10.01500	9.98520	-.96452	2.35580
98.951	100.500	-.40324	-.02864	.19653	-.09887	-.00115	-.00199	-10.02800	10.03500	-.95220	2.30100
99.502	200.400	-.43595	-.00817	.20188	-.11539	.00755	-.00425	-10.00900	10.00800	-.97351	2.33870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1285/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.270	200.420	-.34312	.00430	.23640	-.18447	.01000	-.01139	-9.90400	10.08400	-1.06050	2.24620
200.780	100.300	-.30132	-.00599	.23130	-.08053	-.00686	-.00236	-9.97740	9.92340	-.98745	2.41350
199.670	.285	-.29656	-.00596	.24886	-.08502	.01438	-.00601	-10.00600	9.97190	-.95630	2.36690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT698) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1286/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.443	.192	-.34888	-.07374	.18207	-.16493	.02393	-.01109	-10.01800	10.04300	-.95361	.27484
.324	100.100	-.39298	-.08116	.14885	-.20365	.00476	-.00585	-9.99410	10.01400	-.97524	.30411
-1.708	200.030	-.47379	-.04329	.18014	-.19253	.01917	-.00821	-10.03000	9.97120	-.93657	.34921
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1287/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.599	199.950	-.41300	-.03624	.19383	-.14350	.03800	-.01047	-9.92980	9.91810	-1.02890	.39953
51.832	.000	-.35821	-.03479	.18709	-.13326	.03629	-.01156	-9.92100	10.01200	-1.04780	.30015
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT698) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1288/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.680	-.109	-.34778	.01062	.20771	-.06486	.05479	-.01082	-9.90630	10.01000	-1.06350	.29991
103.670	100.200	-.31247	-.05179	.18475	-.12144	.02815	-.00415	-9.91190	10.05800	-1.04610	.25992
101.170	199.420	-.27571	-.04678	.18688	-.13192	.01818	-.00686	-9.94730	10.00900	-1.01250	.29858
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1289/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.260	200.000	-.19338	.05254	.26762	-.14712	-.01122	-.00513	-10.02500	10.02700	-.94029	.28506
201.640	100.210	-.14143	.05652	.25265	-.12010	-.01484	-.00220	-9.94390	10.01200	-1.02170	.29508
201.120	.008	-.08474	.04885	.26513	.01487	-.04634	.00252	-9.98060	9.93550	-.98419	.38742
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT699) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1290/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.270	.254	-.31567	-.06835	.17205	-.14452	.02606	-.00830	-9.97510	10.01600	-.99862	.28128
-3.362	100.040	-.42606	-.06037	.16853	-.15929	.01227	-.00803	-10.10000	10.07300	-.87193	.22472
.121	199.990	-.44204	-.03613	.16753	-.16339	.01601	-.00950	-9.98400	10.01100	-.98601	.29942
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1291/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.974	200.020	-.45401	-.03749	.19488	-.17191	.01911	-.00646	-10.02700	10.02200	-.93587	.27474
49.295	99.968	-.45844	-.05486	.18407	-.16935	-.00253	-.00413	-10.04300	10.05700	-.92451	.25049
52.217	-.168	-.23838	-.09761	.16830	-.12152	.03090	-.00825	-9.92840	10.00900	-1.04250	.28490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT699) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1292/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.740	-.092	-.29819	-.02236	.21177	-.05021	.05642	-.01013	-10.00800	10.01200	-.96003	.28134
97.615	99.915	-.37065	-.01959	.19759	-.05180	.03255	-.00593	-10.06500	10.06200	-.89889	.23990
99.725	200.020	-.36900	-.01517	.21396	-.10509	.03824	-.01087	-10.00200	10.06100	-.95733	.23341
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1293/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.500	199.900	-.25280	.03560	.24716	-.10157	.01846	-.00649	-9.98250	9.97090	-.98110	.32639
199.010	99.902	-.28306	.05287	.28603	-.08496	-.00391	-.00911	-10.01400	10.03900	-.95068	.25898
197.780	-.212	-.19077	.06488	.23076	-.02886	.05947	-.01408	-10.06500	10.01700	-.89764	.27726
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT700) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1294/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.602	.100	-.31901	-.05500	.17861	-.14590	.02340	-.00885	-9.96090	10.02200	-1.01700	.33039
-2.074	99.872	-.38283	-.05017	.17225	-.14524	.00903	-.00659	-10.05600	10.04200	-.92071	.31134
-1.028	199.960	-.43617	-.02392	.17377	-.15788	.01083	-.00739	-10.02200	10.02100	-.95320	.34198
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1295/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.236	199.970	-.41646	-.02997	.17524	-.12019	.00438	-.00350	-9.98110	9.98620	-.99405	.37152
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
53.240	-.216	-.31028	-.05314	.19008	-.12066	.02209	-.00670	-9.90120	9.97170	-1.07400	.37074
	GRADIENT	.00000	.0000C	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT700) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1296/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.301	-.268	-.33584	-.03158	.22226	-.09971	.02239	-.00687	-10.00800	9.98070	-.96226	.35515
97.079	100.130	-.42944	-.03017	.21071	-.11645	.01771	-.00471	-10.09400	10.05400	-.87802	.29855
99.939	199.900	-.42959	-.02301	.20881	-.12094	.01343	-.00647	-9.99470	10.02000	-.97429	.32256
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1297/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.600	200.010	-.34540	.01989	.25314	-.16840	.01117	-.01143	-10.06900	10.05000	-.89287	.29136
202.260	99.943	-.25731	.01239	.24975	-.12529	.02667	-.00866	-9.92980	9.92740	-1.03260	.42084
198.710	-.336	-.25897	.02022	.26571	-.03062	.03314	-.00858	-10.03400	9.99650	-.92824	.35332
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT701) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1298/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.966	-3.853	-.35541	-.07605	.19195	-.16453	.02069	-.01083	-10.03600	10.04800	-.93467	-1.69910
-2.363	96.019	-.42639	-.08623	.15238	-.20305	.01201	-.00795	-10.07900	10.07700	-.89196	-1.72380
-.062	196.000	-.46265	-.04201	.17768	-.18408	.02166	-.00881	-9.97330	9.96770	-.99708	-1.61680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1299/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.721	195.850	-.35671	-.04169	.18813	-.14403	.03513	-.01084	-9.90310	9.93400	-1.05790	-1.58490
48.057	95.895	-.38947	-.06526	.17974	-.14461	.03523	-.01183	-10.07900	10.01100	-.88187	-1.65590
49.018	-4.172	-.28339	-.04391	.19023	-.09487	.04604	-.01315	-10.03100	10.00100	-.93902	-1.66070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT701) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1300/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.590	-4.145	-.23304	-.00481	.20126	-.05495	.06053	-.01285	-9.90290	9.93330	-1.06670	-1.59090
106.350	95.923	-.23653	-.06637	.18610	-.09345	.01389	-.00307	-9.79510	9.99510	-1.16800	-1.64980
95.695	195.420	-.41464	-.01229	.23452	-.12856	.03583	-.00873	-10.09300	9.96530	-.87100	-1.62500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1301/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.310	195.850	-.13849	.03965	.26146	-.14161	.00383	-.00476	-10.00200	9.98940	-.96893	-1.65470
199.540	96.021	-.15544	.05073	.27197	-.13559	-.01070	-.00193	-10.01000	10.04400	-.96190	-1.70290
201.820	-3.965	-.04036	.04201	.20636	.14555	-.02460	.01046	-9.92470	9.99600	-1.04160	-1.64520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT702) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1302/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.463	-3.868	-.31988	-.06453	.17889	-.14034	.02543	-.00829	-9.99330	10.00800	-.98386	-1.68760
1.011	95.951	-.40730	-.06517	.16910	-.16734	.02100	-.01006	-9.97040	10.01800	-1.00640	-1.69640
.292	195.970	-.41413	-.04112	.16519	-.17094	.02342	-.01058	-9.96500	10.01500	-1.00950	-1.68290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1303/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.827	195.850	-.43114	-.04433	.19148	-.16789	.02611	-.00761	-10.03300	10.00100	-.93410	-1.67810
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48.408	-4.082	-.42569	-.06362	.22847	-.13185	.03764	-.00950	-10.05000	10.01900	-.92470	-1.69740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT702) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 9.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1304/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.483	-4.069	-.29666	-.02393	.22818	-.06756	.05920	-.01233	-10.02000	10.01600	-.95048	-1.70680
99.001	96.114	-.32150	-.03079	.19946	-.08256	.03466	-.00925	-10.03100	10.09200	-.93863	-1.77090
100.110	195.910	-.31669	-.02339	.20134	-.11355	.03972	-.01146	-9.98950	10.03500	-.97655	-1.70970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1305/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.390	195.930	-.23475	.02850	.25277	-.11332	.02082	-.00764	-10.02500	10.00600	-.94451	-1.68590
202.320	95.832	-.18864	.01610	.26909	-.11347	.02010	-.00232	-9.92630	9.91400	-1.04340	-1.59180
199.140	-3.901	-.13334	.05050	.23738	-.01927	.06414	-.01229	-9.99990	10.00700	-.96583	-1.68230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT703) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1306/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.038	-3.865	-.37193	-.04724	.19926	-.14794	.02307	-.00882	-9.99700	10.02800	-.98460	-1.68070
-1.398	95.971	-.41350	-.04848	.18240	-.17604	.02403	-.00916	-10.02000	10.04100	-.96084	-1.69100
.163	195.910	-.42216	-.03046	.17363	-.17285	.01803	-.00890	-9.96060	10.02400	-.99989	-1.66040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1307/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.685	195.940	-.46251	-.02310	.19094	-.13626	.01581	-.00484	-10.03800	9.97950	-.94217	-1.62590
50.251	96.010	-.42306	-.04775	.19683	-.13057	.01822	-.00539	-10.01500	10.00600	-.96527	-1.65260
52.713	-3.993	-.32304	-.05067	.20137	-.13895	.02452	-.00814	-9.92520	10.02300	-1.05290	-1.68040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT703) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1308/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	-4.192	-.31700	-.03220	.22670	-.12280	.03431	-.00996	-9.97740	9.96510	-.99515	-1.62480
96.996	96.018	-.41369	-.03321	.21502	-.10869	.02152	-.00498	-10.09800	10.03600	-.87783	-1.68610
100.370	196.010	-.40413	-.02710	.21124	-.12439	.01875	-.00631	-9.98010	10.03700	-.99440	-1.69120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1309/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.830	195.920	-.28833	.01213	.25240	-.15544	.01887	-.01287	-9.99920	10.00600	-.96816	-1.66330
200.740	95.908	-.25982	.01634	.25677	-.09125	.02361	-.00735	-9.96900	9.92950	-.99752	-1.58090
201.690	-4.064	-.18568	.00845	.26466	-.12851	.06692	-.01456	-9.94190	9.96750	-1.02330	-1.61150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT704) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1198/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.762	.325	-.37060	-.04297	.16292	-.17971	.03528	-.01156	-9.98140	10.01900	-.58861	.18112
.106	99.978	-.36349	-.02955	.18177	-.20832	.03357	-.01430	-9.97870	10.05300	-.57963	.10883
-.029	199.850	-.37380	-.01338	.17997	-.22468	.05632	-.02016	-9.98610	9.98060	-.56891	.17311
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1199/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.524	199.950	-.36326	.00643	.19664	-.20254	.05662	-.01824	-9.96440	9.98770	-.58463	.15791
49.732	99.763	-.34109	-.01770	.19834	-.18962	.04758	-.01674	-10.02500	10.01600	-.52916	.14070
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT704) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1200/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.687	-.146	-.33317	.01215	.20904	-.13829	.05982	-.01718	-10.04000	10.03000	-.51532	.12534
99.955	99.913	-.32823	.01317	.21120	-.15279	.06642	-.01825	-10.00600	10.01500	-.54408	.14230
100.300	200.020	-.32845	.02536	.20651	-.15268	.06179	-.01507	-9.98730	10.02600	-.56324	.12934
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1201/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.050	199.830	-.25652	.06193	.24101	-.17477	.03651	-.01263	-10.00500	10.02100	-.53632	.12193
200.620	99.975	-.23012	.05889	.24416	-.18159	.02993	-.01223	-9.98350	10.03500	-.56174	.11796
199.500	-.076	-.23375	.05781	.25050	-.20142	.01574	-.01088	-10.01000	10.06800	-.53503	.08828
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT705) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1234/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.619	-.042	-.32693	-.06523	.17357	-.16005	.04492	-.01818	-10.00100	10.05800	-1.16810	.34175
.978	100.030	-.39072	-.09825	.17827	-.17027	.00963	-.00849	-9.97280	10.01300	-1.19930	.38588
-.906	199.850	-.43069	-.07569	.14371	-.17668	.00157	-.00722	-10.00300	10.03700	-1.16360	.37079
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1235/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.818	199.980	-.44314	-.05150	.17853	-.14249	.02316	-.00693	-9.99370	9.93160	-1.16560	.47153
50.952	99.768	-.40007	-.05495	.19142	-.13379	.02707	-.00925	-9.97560	9.98740	-1.18660	.40555
50.440	-.236	-.27480	-.03259	.16655	-.08845	.05251	-.01742	-9.99130	9.98150	-1.17830	.41795
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT705) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1236/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.190	-.065	-.26827	.00370	.18333	-.03611	.05651	-.01300	-9.91930	9.94800	-1.24940	.45090
98.802	99.882	-.41606	-.06577	.21483	-.04861	.01814	-.00149	-10.04200	10.02000	-1.12430	.38703
100.150	199.990	-.45813	-.06577	.23134	-.15282	.00091	-.00093	-10.00400	10.02600	-1.15940	.37676
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1237/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.800	199.850	-.13512	.05780	.26872	-.15872	-.02674	-.00232	-9.97030	10.01300	-1.19880	.38180
200.170	99.950	-.13096	.06924	.28171	-.07204	-.02218	.00152	-9.99330	9.91510	-1.17720	.48669
199.450	-.272	-.01679	.07443	.14201	.05317	.05821	-.00870	-10.01400	9.97230	-1.14820	.42948
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT706) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1202/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.185	.071	-.32042	-.01699	.16766	-.13609	.02759	-.00895	-10.00300	10.02500	-.56376	.16226
-1.641	99.943	-.35823	-.02500	.18156	-.19598	.02332	-.00951	-10.06200	10.09700	-.51062	.05323
-1.700	200.130	-.41626	-.00252	.20955	-.23647	.02936	-.01841	-10.03400	10.05100	-.53347	.10270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1203/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.554	199.920	-.41372	.00603	.21804	-.23464	.04354	-.02673	-9.99820	9.98060	-.54957	.16341
51.391	99.797	-.35340	-.02297	.19142	-.19928	.01898	-.01037	-9.98710	10.02500	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT706) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1204/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.817	-.115	-.32403	-.01855	.20210	-.16968	.02216	-.00892	-10.00500	10.04900	-.55626	.09933
98.299	99.972	-.37570	-.00689	.21146	-.19419	.02438	-.01197	-10.04600	10.03700	-.50868	.10571
100.630	199.950	-.37445	.02576	.22326	-.17255	.05517	-.02071	-9.95220	9.92100	-.59486	.21977
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1205/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.720	200.050	-.28558	.04621	.22621	-.13044	.05604	-.01574	-9.99820	10.01600	-.54624	.12263
198.840	99.931	-.30870	.04561	.24254	-.19599	.05527	-.01986	-10.03900	10.08900	-.50306	.04675
200.450	-.161	-.26908	.02948	.24191	-.17078	.02954	-.01208	-10.00200	10.03700	-.54151	.10604
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT707) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1238/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.824	.153	-.31228	-.06836	.17867	-.13964	.02216	-.01017	-9.99580	10.02600	-1.17820	.38087
-1.447	99.965	-.44725	-.08643	.17990	-.16839	.00121	-.00566	-10.04800	10.01600	-1.12530	.39487
-.272	199.860	-.47119	-.06608	.17298	-.16977	.00368	-.00672	-10.00800	10.01200	-1.16330	.40675
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1239/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.004	199.840	-.42965	-.06201	.17290	-.16206	.02545	-.00612	-9.96860	9.95230	-1.19630	.45356
51.783	99.831	-.35696	-.06913	.19881	-.11645	.03191	-.00936	-9.94790	9.95060	-1.22210	.45031
52.039	-.291	-.29731	-.05696	.20446	-.07588	.03727	-.00945	-9.94570	9.95570	-1.22230	.44705
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT707) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1240/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	-.214	-.24369	-.01611	.20792	-.03381	.05145	-.00999	-10.00300	10.01700	-1.16080	.38730
98.747	99.952	-.26278	-.03395	.19912	-.07508	.03533	-.00907	-10.05200	10.09600	-1.11590	.31043
98.973	199.970	-.29250	-.03254	.19202	-.09229	.01799	-.00612	-10.00900	10.07200	-1.15710	.33135
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1241/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.120	199.520	-.22116	.00901	.25884	-.11880	-.02044	.00177	-10.02900	10.01400	-1.13880	.39108
198.330	99.958	-.17920	.06067	.24264	-.03800	.08007	-.00483	-10.05900	9.92230	-1.10720	.48778
200.410	-.164	-.15921	.05720	.21551	.03564	.05084	-.00950	-9.99980	9.98910	-1.16390	.42036
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT708) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1206/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.344	.020	-.33965	.00109	.18074	-.14070	.02904	-.01065	-10.01400	10.01700	-.54858	.18836
.243	99.887	-.34616	.01979	.18313	-.12302	.02185	-.00782	-9.98020	10.01000	-.58440	.20865
-2.159	199.900	-.38734	.00430	.19595	-.14766	.00787	-.00512	-10.07900	10.07200	-.48379	.10194
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1207/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.876	199.910	-.39247	.00607	.20397	-.19111	.01541	-.01040	-10.01100	10.04300	-.55643	.12967
-------	-------										
52.742	-.082	-.34453	.00362	.18634	-.13566	.02020	-.00906	-9.95850	10.03400	-.60245	.15145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT708) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1208/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.220	-.275	-.32605	.00465	.19063	-.13563	.02216	-.00827	-9.98720	10.00500	-.55973	.16838
97.701	100.040	-.38759	-.00317	.20596	-.19050	.02214	-.01160	-10.08400	10.08400	-.47802	.07907
100.120	200.020	-.39022	.00855	.21401	-.22472	.02765	-.01831	-9.99120	10.04200	-.56973	.11563
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1209/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.500	199.870	-.33976	.03490	.23633	-.28468	.04143	-.02454	-9.91750	10.05600	-.62229	.08947
200.270	99.910	-.30988	.01736	.23170	-.23017	.02595	-.01700	-10.00500	9.98610	-.53950	.16337
199.620	-.269	-.31103	.01637	.23804	-.15322	.01647	-.01076	-10.00900	9.93520	-.53663	.22499
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT709) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1242/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.648	.130	-.34462	-.04948	.19266	-.11897	.01815	-.00694	-10.04500	10.02500	-1.13140	.39967
-2.219	99.981	-.39312	-.06501	.18487	-.15366	.01212	-.00648	-10.08500	10.07000	-1.09140	.35472
-.858	199.950	-.42660	-.05750	.16694	-.16083	.00806	-.00625	-10.02100	10.03300	-1.15320	.39889
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1243/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.446	199.780	-.47164	-.04992	.18590	-.12665	.01010	-.00289	-10.04200	9.96220	-1.13170	.46798
51.304	99.789	-.40135	-.06611	.19913	-.13923	.00950	-.00548	-9.98250	10.02000	-1.19270	.39766
50.686	-.131	-.29586	-.04573	.19237	-.09886	.02321	-.00673	-9.99570	9.99400	-1.17680	.42686
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT709) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1244/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.060	-.271	-.22910	-.03153	.20706	-.06738	.03484	-.00719	-9.90050	9.94640	-1.26500	.47397
99.388	100.010	-.34592	-.04588	.21228	-.10611	.02158	-.00659	-10.01600	10.04800	-1.15300	.37078
97.622	199.890	-.43413	-.03202	.20701	-.08241	.00912	-.00193	-10.07300	10.01800	-1.09510	.40591
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1245/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.570	199.790	-.25012	.01217	.24036	-.07697	.01349	-.00599	-10.01400	9.99210	-1.14820	.43535
202.600	100.100	-.17033	.02288	.24791	-.06027	.03557	-.00800	-9.90620	9.95200	-1.25610	.47931
199.510	.030	-.17017	.02530	.25030	-.04135	.02609	-.00777	-9.99090	10.02100	-1.16240	.40765
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT710) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1210/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.113	-3.882	-.35989	-.03739	.16785	-.16192	.03870	-.01242	-9.99810	10.00900	-.56266	-1.81560
-.472	95.938	-.37110	-.02368	.18622	-.21143	.04102	-.01667	-10.00400	10.06800	-.54668	-1.91340
-.112	195.890	-.38461	-.00717	.16480	-.21474	.05664	-.02068	-9.99000	9.98130	-.55693	-1.82660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1211/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.771	195.860	-.35884	.00753	.19343	-.19753	.05782	-.01874	-9.95690	9.99000	-.58087	-1.83690
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.251	-4.259	-.34054	-.03467	.18900	-.20671	.02554	-.01179	-10.04300	10.08800	-.51250	-1.93190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT710) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1212/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.692	-4.202	-.30901	.00435	.21454	-.13799	.05679	-.01870	-10.01000	10.01600	-.53114	-1.86660
99.159	96.007	-.33440	.01326	.21332	-.15927	.07106	-.01981	-10.01800	10.02700	-.51773	-1.87590
100.600	195.940	-.32375	.02417	.20285	-.16343	.06814	-.01716	-9.97790	10.02600	-.55682	-1.87220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1213/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.750	195.840	-.25407	.06055	.24388	-.16970	.03932	-.01363	-10.00500	10.00700	-.53470	-1.86720
200.500	96.016	-.22742	.05646	.24748	-.18241	.03833	-.01341	-9.98630	10.02900	-.55629	-1.88120
199.660	-4.137	-.22147	.05205	.25529	-.21029	.02296	-.01261	-10.00900	10.08000	-.53264	-1.92570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT711) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1246/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.416	-3.921	-.34707	-.05429	.19230	-.13808	.02221	-.01120	-10.06300	10.07900	-1.10300	-1.66930
-2.082	95.959	-.37619	-.08890	.17799	-.17646	.01058	-.00849	-10.08900	10.08100	-1.08120	-1.67930
-1.933	195.930	-.45677	-.06678	.15099	-.19331	.00345	-.00743	-10.05100	10.04700	-1.11230	-1.63260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1247/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.070	196.010	-.44546	-.05881	.17645	-.15563	.02634	-.00904	-9.98430	9.92060	-1.17310	-1.51210
51.643	95.957	-.36616	-.07679	.19300	-.14912	.02604	-.00919	-9.95630	10.01000	-1.20380	-1.60260
48.482	-4.134	-.30395	-.02611	.19282	-.10266	.04234	-.01344	-10.04200	10.04900	-1.12370	-1.64350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT711) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1248/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.883	-4.223	-.18251	-.00688	.18477	-.04194	.06133	-.01301	-10.00700	9.99740	-1.15720	-1.59160
98.230	95.820	-.41213	-.06718	.23465	-.06104	.01785	-.00127	-10.05500	9.99160	-1.10500	-1.58920
100.300	195.880	-.46451	-.06483	.24092	-.15362	.00522	-.00040	-9.99600	10.02300	-1.17110	-1.61750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1249/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.230	195.810	-.13005	.04433	.26835	-.15791	-.02094	-.00099	-10.09400	10.00400	-1.08250	-1.60060
200.970	95.929	-.09622	.05395	.29654	-.06160	-.02050	.00303	-9.96880	9.90390	-1.20810	-1.49480
200.410	-4.007	-.02493	.08628	.18297	.03557	.07175	-.00947	-10.00500	10.00300	-1.14620	-1.60230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT712) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1214/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.133	-3.905	-.32896	-.01274	.17176	-.15371	.03970	-.01229	-10.00200	10.01900	-.55162	-1.85030
-.287	95.941	-.37573	-.02003	.18754	-.19035	.02128	-.00947	-10.00700	10.00400	-.55455	-1.86570
-.602	195.940	-.39432	-.00533	.20699	-.21897	.02659	-.01893	-10.00500	10.02800	-.54995	-1.88900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1215/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.587	95.833	-.35894	-.02072	.19629	-.21108	.02207	-.01177	-9.97490	10.04200	-.57994	-1.90340
50.184	-4.146	-.36104	-.00756	.19172	-.14980	.02982	-.00907	-9.97860	9.92430	-.57544	-1.77920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT712) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1216/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.230	-4.134	-.32764	-.01864	.20787	-.17669	.02527	-.01022	-9.99440	10.05400	-.55501	-1.92290
99.026	96.035	-.36106	-.00788	.21154	-.21889	.03198	-.01504	-10.02200	10.04800	-.52369	-1.91480
99.865	195.920	-.37633	.02616	.22145	-.16455	.05741	-.02118	-9.99790	10.01000	-.53957	-1.87700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1217/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.600	195.870	-.30552	.05088	.23402	-.14477	.05646	-.01687	-10.00600	10.01800	-.52856	-1.89790
200.420	95.950	-.27140	.03939	.24110	-.18942	.05876	-.02027	-9.99420	10.06000	-.54155	-1.93310
199.600	-4.062	-.26399	.03038	.24836	-.20889	.04126	-.01569	-10.00700	10.08000	-.52735	-1.95010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT713) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1250/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
2.290	-3.836	-.32735	-.06965	.19349	-.13474	.01896	-.00871	-9.92220	10.01700	-1.25170	-1.63510
.139	95.955	-.42745	-.08953	.18032	-.17501	.00641	-.00719	-9.99200	10.00800	-1.18260	-1.62490
-1.016	196.130	-.48056	-.06759	.17182	-.18923	.00766	-.00755	-10.02200	10.04300	-1.15050	-1.64710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1251/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
52.359	195.800	-.39655	-.06533	.16710	-.14594	.01738	-.00634	-9.91730	9.93500	-1.24910	-1.54180
50.598	95.741	-.36137	-.06781	.20144	-.12684	.03205	-.01109	-9.98810	9.95550	-1.18030	-1.57180
51.645	-4.176	-.31610	-.05237	.21355	-.08952	.03240	-.00986	-9.93740	9.97210	-1.22810	-1.59100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT713) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1252/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.484	-4.227	-.23777	-.02045	.22176	-.04939	.05252	-.01046	-10.01300	10.01700	-1.14820	-1.63670
97.999	96.028	-.29516	-.02978	.20947	-.09137	.04608	-.01234	-10.08300	10.08100	-1.08350	-1.70050
99.715	195.960	-.29766	-.03492	.19569	-.12448	.02630	-.00974	-9.59030	10.08900	-1.17640	-1.69950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1253/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.630	195.840	-.26002	.01773	.27601	-.13119	-.02065	.00352	-10.04800	10.00600	-1.12010	-1.63100
201.880	95.960	-.08517	.01951	.25675	-.02736	.00664	-.00261	-9.94670	9.94750	-1.21870	-1.56350
200.290	-4.116	-.10464	.04647	.23598	.00467	.06475	-.01198	-9.99620	10.01600	-1.16550	-1.63240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT714) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1218/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.552	-3.864	-.36268	.00488	.18636	-.15367	.03432	-.01214	-10.02000	10.02000	-.52997	-1.80610
.136	95.805	-.36721	.02149	.18500	-.12564	.02676	-.00902	-9.97960	9.99260	-.57123	-1.77330
-1.055	195.900	-.37803	.00591	.19541	-.15558	.01886	-.00626	-10.04400	10.06600	-.50903	-1.89030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1219/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.366	95.865	-.38407	.00431	.18147	-.15130	.02105	-.00753	-9.98000	9.95190	-.57511	-1.76760
51.483	-4.137	-.32161	-.00269	.18354	-.13798	.02826	-.00995	-9.94990	9.98360	-.60358	-1.79460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT714) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1220/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.371	-4.129	-.33802	.00624	.19910	-.16125	.03325	-.01071	-10.01100	10.03000	-.53876	-1.84490
97.856	95.233	-.39705	-.00179	.21248	-.19885	.02872	-.01307	-10.08100	10.07700	-.47562	-1.90520
100.160	196.000	-.39936	.01030	.21820	-.22558	.02740	-.01806	-9.98870	10.05000	-.56838	-1.87530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1221/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.270	195.950	-.35918	.04157	.24596	-.29527	.04182	-.02592	-9.91950	10.06100	-.61631	-1.89400
199.970	95.943	-.34440	.02747	.24378	-.23464	.02646	-.01713	-10.01300	9.98120	-.52908	-1.81330
199.590	-4.018	-.34301	.02709	.25763	-.20230	.02999	-.01511	-10.01500	9.97520	-.52611	-1.80160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT715) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1254/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.097	-3.865	-.23589	-.07223	.17128	-.11986	.02464	-.00811	-9.99900	10.01600	-1.17690	-1.60850
-1.586	95.191	-.42527	-.06375	.19458	-.16580	.01808	-.00866	-10.04100	10.02400	-1.13600	-1.61150
.294	195.850	-.41977	-.06032	.16735	-.16863	.01297	-.00781	-9.99030	10.02700	-1.18600	-1.60680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1255/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.524	195.980	-.46035	-.05825	.18283	-.14284	.00527	-.00353	-10.06800	10.00700	-1.10700	-1.59080
51.578	95.802	-.38720	-.07098	.20058	-.15557	.01478	-.00724	-9.95890	10.00500	-1.21560	-1.59840
49.316	-4.094	-.28995	-.05241	.19922	-.11059	.03227	-.00826	-10.02400	10.00500	-1.14790	-1.59470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT715) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1256/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.940	-4.083	-.23330	-.02968	.21445	-.09061	.03001	-.00877	-9.91300	10.00000	-1.25130	-1.59270
101.120	95.758	-.32755	-.04816	.21777	-.10901	.02397	-.00823	-9.98110	10.00100	-1.18610	-1.59220
96.923	196.090	-.44125	-.03010	.21131	-.10448	.01191	-.00406	-10.09500	10.04400	-1.07320	-1.62450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1257/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.950	195.720	-.23716	.01372	.24786	-.10578	.02889	-.00878	-9.98090	10.01700	-1.18140	-1.59950
201.530	96.082	-.19180	.02538	.26289	-.08898	.05050	-.01013	-9.94150	9.95290	-1.21990	-1.53440
200.310	-4.204	-.17534	.02698	.25944	-.07133	.04305	-.01145	-9.97850	10.00300	-1.18240	-1.58210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT716) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1931/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.018	-2.242	-.40879	-.01352	.20709	-.10780	-.00671	-.00220	-10.03900	10.03300	-4.94940	4.32790
49.560	97.366	-.40436	-.02411	.19229	-.09116	-.01842	.00233	-10.01800	10.01500	-4.96210	4.33790
49.474	197.620	-.44573	-.00314	.18392	-.13524	-.01921	-.00053	-10.01100	10.06500	-4.97080	4.29660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1932/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.570	97.487	-.43533	-.01637	.20769	-.10143	-.00866	-.00131	-10.00300	9.96610	-4.97850	4.37880
101.120	-2.302	-.40092	-.00757	.21947	-.09763	-.00278	-.00285	-9.96450	10.01300	-5.01480	4.33360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT716) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1933/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.240	-2.463	-.31590	.00135	.23235	-.08964	.01229	-.00731	-9.91240	9.97640	-5.05340	4.35000
198.210	97.662	-.38630	.01202	.22806	-.12666	.00337	-.00595	-10.05500	10.08700	-4.91440	4.23900
201.540	187.550	-.35637	.01987	.21238	-.12895	-.00177	-.00612	-9.96180	10.03700	-5.02130	4.29430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT717) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1934/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.131	.315	-.34169	-.03614	.19673	-.06861	.00862	-.00269	-10.05500	10.02200	-4.92340	2.33080
49.379	100.510	-.42457	-.05083	.19047	-.10462	.00957	-.00348	-10.02600	10.00600	-4.95120	2.35290
49.317	200.510	-.46620	-.03101	.18372	-.09895	.00648	-.00225	-10.00900	10.01700	-4.96750	2.34430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1935/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.430	200.410	-.41753	-.02008	.20152	-.09275	.01160	-.00409	-9.94670	10.00000	-5.02380	2.36260
101.150	100.220	-.37492	-.02543	.19396	-.05559	.02804	-.00410	-9.97650	9.91650	-4.99570	2.44000
100.640	.480	-.36911	-.00594	.22400	-.07517	.02479	-.00610	-9.99840	10.04900	-4.97720	2.29740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1936/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.760	.394	-.21678	.02946	.23080	-.03389	.01731	-.00682	-9.98930	10.00300	-4.98350	2.34710
198.550	100.380	-.24601	.02029	.23647	-.06392	.01818	-.00453	-10.05400	10.04400	-4.91590	2.31110
199.870	200.530	-.29893	.01949	.23747	-.13170	.00702	-.00575	-10.00400	10.01800	-4.96430	2.33400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT718) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1937/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.318	.652	-.39589	-.02940	.21137	-.10823	.01409	-.00466	-10.06500	10.06400	-4.92210	2.26610
48.762	100.460	-.41952	-.04086	.19530	-.09982	-.00809	-.00032	-10.03100	10.05600	-4.94820	2.27320
49.234	200.480	-.46125	-.02523	.18454	-.12325	-.00259	-.00197	-10.01800	10.03600	-4.96200	2.29300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1938/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.900	200.460	-.43548	-.01615	.20154	-.10283	-.00099	-.00284	-9.97950	9.98990	-5.00100	2.33840
100.370	100.450	-.40220	-.03122	.20642	-.08264	.01340	-.00277	-9.99780	9.96590	-4.98100	2.35530
101.340	.517	-.36590	-.01607	.22325	-.03981	.01350	-.00251	-9.93780	9.96910	-5.03930	2.34700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1939/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.860	.481	-.28603	.00690	.24915	-.02794	.00229	-.00309	-10.00500	10.01400	-4.96180	2.30390
198.890	100.530	-.32496	.00964	.23933	-.08809	.00727	-.00401	-10.04000	10.07700	-4.92760	2.23510
198.650	200.450	-.36893	.01787	.24005	-.15166	.00390	-.00785	-10.04000	10.01000	-4.92950	2.30680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT719) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1940/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48.501	100.030	-.33544	-.05594	.18756	-.11707	.03461	-.01267	-10.07900	10.08400	-4.89770	.26469
47.033	199.980	-.43975	-.03697	.18769	-.11955	.03452	-.00899	-10.06400	10.02900	-4.90180	.31805
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT719) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1941/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.066	200.000	-.44597	-.04855	.22628	-.13883	.01719	-.00299	-10.05600	10.08400	-4.91320	.26126
96.267	99.899	-.64490	.03824	.28146	-.10881	.05054	-.01094	-10.08300	9.90580	-4.88840	.43762
98.859	-.242	-.24766	-.00727	.19182	-.04218	.06437	-.01171	-10.05100	10.02900	-4.92140	.31375
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1942/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.400	-.094	-.16155	.07733	.19887	.01055	.07362	-.01401	-10.05500	10.03200	-4.91450	.31887
199.110	100.030	-.17081	.03592	.26174	-.08741	-.00694	.00004	-10.03500	10.09700	-4.94080	.24828
198.650	199.850	-.21372	.03806	.25678	-.15336	.00544	-.00571	-10.04100	10.05900	-4.93680	.28493
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT720) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1943/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.520	-.201	-.38524	-.05103	.21790	-.07982	.02713	-.00700	-9.98660	9.99130	-4.98960	.32384
48.208	99.824	-.43505	-.06252	.19314	-.10690	.03350	-.00847	-10.05500	10.02100	-4.92150	.29904
50.383	199.950	-.43379	-.04723	.18194	-.13097	.02412	-.00719	-9.96840	10.07000	-4.99980	.24803
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1944/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.568	199.710	-.35466	-.01849	.20074	-.08841	.03665	-.00968	-10.01300	10.00900	-4.95340	.31165
102.230	99.691	-.29498	-.01200	.19498	-.07683	.03967	-.01062	-9.92770	9.98320	-5.04590	.33585
100.500	-.087	-.28406	-.00730	.21019	-.05131	.05949	-.01130	-9.98650	9.95080	-4.99120	.36628
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT720) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1945/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.850	-.268	-.21709	.07018	.22801	-.03783	.06968	-.01544	-10.07400	10.03100	-4.89450	.27697
200.310	100.110	-.19784	.05161	.24221	-.05577	.04383	-.00577	-10.03000	10.03000	-4.93880	.28197
198.780	199.780	-.22050	.03761	.24062	-.07906	.03555	-.00606	-10.05700	10.05600	-4.91360	.25468
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT721) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1946/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.782	.065	-.35082	-.03983	.20915	-.09207	.02111	-.00751	-9.94750	10.00600	-5.03310	.34473
50.291	99.789	-.42114	-.05489	.19892	-.13085	.01704	-.00737	-10.02300	10.01600	-4.96630	.34398
49.139	199.800	-.46927	-.03468	.18853	-.10233	.01297	-.00433	-10.02100	9.99110	-4.96510	.37089
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1947/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.270	199.770	-.42638	-.02256	.20799	-.09352	.00458	-.00466	-9.94930	10.02000	-5.02860	.33963
101.730	100.060	-.37883	-.02589	.20605	-.07201	.02140	-.00514	-9.94900	9.96660	-5.04380	.39022
101.260	-.144	-.34304	-.01026	.23119	-.08117	.01937	-.00669	-9.95430	10.03700	-5.03460	.32105
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1948/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
198.840	99.934	-.25766	.02248	.24949	-.09828	.03068	-.00881	-10.04500	10.09100	[illegible]	[illegible]
200.270	200.050	-.28727	.01846	.24094	-.16044	.01487	-.01068	-9.99620	10.02600	-4.98010	.33298
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT722) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1949/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.364	-4.033	-.25403	-.03933	.19148	-.07839	.04580	-.01363	-10.05700	10.04300	-4.91310	-1.70480
49.648	96.017	-.33495	-.04771	.20297	-.12130	.03115	-.01368	-10.01500	10.01100	-4.96250	-1.66160
49.010	196.050	-.37542	-.03934	.19337	-.13991	.03159	-.01368	-10.03300	10.04100	-4.94100	-1.68950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.320	196.020	-.42590	-.05012	.23350	-.14707	.01652	-.00414	-9.99920	10.02000	-4.97690	-1.67580
101.870	95.955	-.37401	-.04179	.22232	-.07339	.01526	-.00095	-9.93070	9.93120	-5.04910	-1.57710
101.780	-4.162	-.23808	-.00085	.19100	-.04831	.06602	-.01442	-9.96790	10.01500	-5.00600	-1.67550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1951/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
197.810	-4.143	-.14842	.09103	.20666	-.00113	.07389	-.01449	-10.06400	10.04100	-4.90370	-1.69760
199.530	95.969	-.14519	.04599	.27679	-.09650	-.00723	-.00077	-10.01200	10.03300	-4.96610	-1.69520
199.320	195.960	-.16189	.04516	.26466	-.16250	-.01096	-.00511	-10.02300	10.09900	-4.95360	-1.75960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT723) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1953/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.620	-3.861	-.36107	-.04703	.22111	-.09556	.03906	-.01291	-10.06200	10.07600	-4.91600	-1.75770
48.478	95.903	-.39600	-.06373	.18971	-.10417	.03897	-.01171	-10.06400	10.02700	-4.91270	-1.70730
49.598	195.960	-.42362	-.04621	.18642	-.12688	.02972	-.00899	-10.00600	10.06300	-4.96720	-1.73920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT723) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1954/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.340	196.250	-.32037	-.02281	.20246	-.13077	.03900	-.01225	-10.02300	10.05600	-4.94800	-1.73130
101.100	96.071	-.28602	-.01987	.20817	-.08893	.03870	-.01290	-9.95450	9.97780	-5.02090	-1.66360
101.800	-4.178	-.22987	-.01353	.20897	-.05758	.06162	-.01313	-9.93930	9.93270	-5.03400	-1.61400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1955/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.360	-4.246	-.17137	.06266	.23637	-.04135	.07563	-.01548	-10.02600	10.01000	-4.94270	-1.69520
197.830	95.962	-.19217	.03290	.26732	.04363	-.01890	.01798	-10.06800	10.02400	-4.90350	-1.70490
199.350	196.040	-.22294	.03729	.25673	-.11969	.02964	-.00731	-10.03500	10.03500	-4.94010	-1...810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT724) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1956/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.641	-3.930	-.31059	-.05061	.20783	-.12733	.03294	-.01181	-10.02000	10.03200	-4.95780	-1.70920
49.154	95.961	-.42745	-.05888	.20546	-.11959	.01463	-.00618	-10.02600	9.97880	-4.95270	-1.65270
49.628	195.950	-.46093	-.03786	.19379	-.12926	.02084	-.00759	-10.00600	10.01300	-4.97140	-1.68720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1957/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.720	195.900	-.40624	-.02620	.21105	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.120	96.219	-.40611	-.02031	.21840	-.10401	.02646	-.00767	-10.00200	10.01800	-4.96920	-1.69640
99.890	-4.087	-.26559	-.02405	.22026	-.09510	.03271	-.00941	-10.00400	10.01700	-4.96760	-1.69230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT724) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1958/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.460	-3.942	-.22418	.02888	.27127	-.09645	.01490	-.01060	-9.95270	10.07400	-5.01430	-1.75020
200.320	96.092	-.20351	.02292	.25270	-.08472	.04178	-.01005	-9.98510	9.94950	-4.98000	-1.62470
199.740	196.110	-.30043	.02361	.25175	-.15087	.01334	-.01019	-10.00200	10.02800	-4.95670	-1.70090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT725) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1986/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.332	-2.116	-.32554	-.01613	.21695	-.06068	.00916	-.00161	-10.04100	10.03200	-8.95300	4.29300
98.498	97.736	-.35530	-.03566	.20532	-.07049	-.00043	.00070	-10.08900	10.05400	-8.90550	4.26760
99.480	197.800	-.39334	-.01727	.18878	-.05747	-.01601	.00300	-10.01300	10.04100	-8.97750	4.28040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1987/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.990	197.980	-.46070	.02134	.22172	-.08178	-.00871	-.00242	-10.01700	10.03500	-8.97510	4.27920
151.290	97.578	-.38926	.00055	.22582	-.08057	-.00484	-.00325	-9.97840	9.99930	-9.01180	4.31290
151.000	-2.134	-.36484	.01643	.23500	-.06006	.00437	-.00335	-9.95600	9.98330	-9.03200	4.32810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1988/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.420	-2.450	-.27822	.01889	.22932	-.04636	.01208	-.00356	-9.92460	9.98230	-9.05600	4.32610
201.010	97.839	-.32163	.01526	.22599	-.07761	.00475	-.00380	-9.96580	10.00700	-9.01550	4.29750
200.560	197.950	-.32855	.03280	.20720	-.11513	-.00431	-.00431	-9.95410	10.08700	-9.02940	4.21820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT726) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1989/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
97.976	.630	-.30539	-.00573	.21090	-.08752	.02462	-.00568	-10.08200	10.01200	-8.90280	2.32700
100.420	100.640	-.35634	-.02564	.20792	-.07139	.02685	-.00585	-9.99140	10.02400	-8.99270	2.31270
99.010	200.590	-.38800	-.02866	.20000	-.08837	.01157	-.00261	-10.04500	10.07100	-8.93850	2.26900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1990/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.580	200.540	-.35670	-.00089	.21923	-.11669	.00932	-.00496	-9.93260	10.05900	-9.04830	2.27520
152.780	100.380	-.26361	.00283	.22168	-.05606	.02198	-.00669	-9.91420	9.91230	-9.06460	2.41890
151.780	.299	-.21025	.00671	.21341	-.07889	.02449	-.00408	-9.94650	10.03500	-9.03460	2.29910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1991/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.840	.272	-.24532	.04568	.23874	-.02851	.01056	-.00452	-9.99030	9.99080	-8.98900	2.33820
198.990	100.620	-.27001	.04353	.24903	-.08275	.02795	-.00806	-10.02500	10.04700	-8.95080	2.28400
199.850	200.600	-.28430	.02574	.23468	-.13225	-.00534	-.00600	-10.00300	10.05000	-8.97280	2.27550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT727) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1992/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.100	.433	-.30638	-.02018	.21472	-.02420	.02449	-.00208	-10.01100	9.98820	-8.98440	2.34620
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
97.817	200.650	-.44663	-.01460	.20375	-.08130	.00374	-.00173	-10.06700	10.07300	-8.92180	2.26890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT727) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1993/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
152.790	200.620	-.35985	-.00610	.21838	-.10692	.00397	-.00379	-9.91380	10.04500	-9.07360	2.29160
150.910	100.390	-.31642	-.01497	.21934	-.06294	.00963	-.00273	-9.97140	9.95440	-9.01470	2.37920
150.650	.140	-.31057	.00807	.23041	-.02158	.02731	-.00393	-9.97480	9.92230	-9.01210	2.41460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1994/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.630	.121	-.26550	.02365	.23905	-.01177	.02313	-.00335	-9.94100	9.99490	-9.04210	2.33100
198.120	100.230	-.31283	.01690	.24098	-.06334	.00715	-.00424	-10.06100	10.09500	-8.92070	2.23820
199.400	200.390	-.33265	.01883	.23803	-.12727	.00263	-.00616	-10.02400	10.09500	-8.95640	2.23660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT728) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1995/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.280	-.090	-.24214	.00302	.19264	-.02587	.06173	-.01206	-10.03400	10.03600	-8.94170	.28985
100.830	99.855	-.31714	-.07158	.20032	-.06697	.02355	-.00390	-9.98500	10.00300	-8.99550	.32276
100.350	199.990	-.42241	-.05241	.21925	-.13124	.01055	-.00346	-9.99630	10.02600	-8.97920	.30633
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1996/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.300	199.900	-.33439	-.01547	.23450	-.13752	-.00475	-.00333	-10.03000	9.99590	-8.94590	.33230
152.640	99.955	-.25333	-.01507	.24579	-.04585	-.00362	.00137	-9.93410	9.90840	-9.05100	.42643
150.060	.128	-.18379	.03241	.19276	.00755	.06814	-.01103	-10.00300	10.02900	-8.97960	.29181
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT728) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1997/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.490	-.132	-.18747	.08912	.20974	.01285	.06368	-.01085	-9.92030	10.03200	-9.05760	.29368
199.240	99.972	-.19485	.04573	.27921	-.08683	.00248	-.00152	-10.03100	10.03000	-8.95580	.29365
200.070	199.970	-.18743	.03995	.25015	-.17422	-.01027	-.00502	-9.99730	10.02400	-8.98650	.29753
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT729) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1998/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.806	.047	-.26751	-.00299	.20988	-.03413	.05236	-.00956	-10.05000	10.04900	-8.93320	.28701
98.626	99.894	-.29359	-.01666	.20278	-.07037	.05350	-.01434	-10.05100	10.05200	-8.93140	.28718
97.835	199.970	-.37224	-.00650	.20325	-.08911	.02769	-.01095	-10.04600	10.09200	-8.93180	.24608
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1999/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.780	199.930	-.26459	-.01738	.21639	-.09883	-.01137	-.00166	-10.01800	10.04000	-8.96220	.29363
149.600	99.776	-.10257	-.01097	.18911	-.03327	.06374	-.01372	-9.99610	9.95190	-8.98380	.37871
148.290	-.264	-.18093	.01810	.20737	.00222	.06461	-.00903	-10.03700	9.97060	-8.94460	.36434
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2000/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.060	100.010	-.19727	.06239	.24361	-.06372	.07083	-.01223	-10.01800	10.08700	-8.95850	.24566
203.290	199.810	-.14911	.02095	.23444	-.11322	.01146	-.00399	-9.91560	9.94290	-9.06250	.38863
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT730) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2001/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.914	-.082	-.22747	-.02485	.20343	-.08511	.01992	-.00789	-10.04000	10.03400	-8.94160	.31023
98.909	99.928	-.38678	-.02377	.22223	-.08911	.03077	-.00756	-10.03200	9.99520	-8.94780	.34697
98.883	199.900	-.41955	-.02866	.20961	-.10721	.00226	-.00521	-10.04400	10.09600	-8.93480	.25771
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2002/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
148.350	200.010	-.37521	.00308	.22918	-.11961	.01135	-.00709	-10.05300	10.02900	-8.92410	.31212
152.640	100.130	-.29551	.01263	.23157	-.08480	.03090	-.00924	-9.90210	9.95170	-9.07260	.38310
153.160	-.187	-.18817	-.00110	.22072	-.09249	.01759	-.00788	-9.92880	10.06100	-9.05650	.28468
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2003/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.690	.091	-.21644	.03980	.23556	-.11780	.03192	-.00768	-9.93320	10.04100	-9.05040	.30784
198.660	99.931	-.24875	.03985	.25463	-.06921	.02786	-.01027	-10.03800	9.96970	-8.94080	.36485
201.430	199.970	-.25003	.01939	.23412	-.14346	.01080	-.00910	-9.98900	10.00800	-8.99140	.33601
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT731) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = . 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2004/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.420	-3.925	-.20855	-.00705	.18436	-.03370	.06506	-.01478	-10.03700	10.05300	-8.94020	-1.68630
100.240	96.106	-.36684	-.06585	.22316	-.08323	.02154	-.00585	-9.99830	10.03600	-8.98770	-1.66420
98.365	196.020	-.41935	-.05845	.22480	-.14334	.01473	-.00604	-10.04300	10.09800	-8.93550	-1.72220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT731) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-18.000	BETAB =	8.000
Y =	.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 2005/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.770	196.140	-.31300	-.01199	.23835	-.14362	-.00558	-.00412	-10.01900	10.00500	-8.97390	-1.62540
151.350	96.036	-.25657	-.01436	.25433	-.06597	.00150	-.00167	-9.96560	9.91230	-9.02320	-1.53390
149.510	-4.118	-.12226	.02366	.18541	-.01313	.07326	-.01462	-10.03100	10.01500	-8.94910	-1.65350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2006/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.290	-4.026	-.14240	.08224	.20756	-.01643	.08372	-.01519	-10.06500	10.02400	-8.90940	-1.65700
200.210	96.055	-.12994	.04372	.27489	-.08664	.00116	-.00336	-9.99900	10.04000	-8.98720	-1.67210
199.830	196.130	-.18334	.04904	.25826	-.18668	-.00303	-.00755	-10.01300	10.01700	-8.96970	-1.65120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT732) (02 FEB 77)

REFERENCE DATA

[illegible] =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
[illegible] =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-18.000	BETAB =	8.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 2007/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.494	-3.910	-.22811	-.01222	.20521	-.04416	.06527	-.01464	-10.02400	10.03400	-8.95230	-1.72870
99.121	96.043	-.23959	-.02996	.20041	-.07394	.06006	-.01732	-10.04500	10.06100	-8.93510	-1.75670
99.046	196.030	-.38063	-.02662	.20948	-.12475	.01249	-.00905	-10.03200	10.03000	-8.94630	-1.72090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2008/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
146.220	96.009	-.13437	-.00358	.20593	-.03320	.07463	-.01407	-10.08700	9.93030	-8.89160	-1.62600
147.900	-4.127	-.21942	.02151	.22895	-.02684	.07688	-.01494	-10.06800	10.00900	-8.91070	-1.70260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT732) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-18.000	BETAB	=	8.000
Y	=	50.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 2009/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.190	-4.011	-.13659	.05303	.23241	.00121	.06655	-.01310	-10.01500	10.00300	-8.96040	-1.70120
201.740	96.147	-.12307	.02717	.22934	-.00187	-.00474	.01523	-9.95500	9.93210	-9.02230	-1.62570
199.900	195.990	-.22160	.02916	.25140	-.16896	.01168	-.00643	-10.01900	10.04100	-8.96130	-1.73940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (OVT733) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-18.000	BETAB	=	8.000
Y	=	100.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 2010/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
96.916	-3.953	-.28348	-.01415	.22906	-.11381	.02476	-.01172	-10.07200	10.04300	-8.90090	-1.71620
98.812	96.057	-.29325	-.04226	.20787	-.09406	.04541	-.01002	-10.06100	9.95090	-8.90980	-1.62870
100.680	196.160	-.36779	-.03460	.20700	-.13364	.02301	-.00949	-9.99100	10.02400	-8.98230	-1.70040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2011/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.980	196.020	-.32954	-.00487	.22678	-.13371	.02376	-.01046	-9.94440	10.01600	-9.02790	-1.68590
152.260	95.951	-.25756	.00295	.23929	-.11267	.05056	-.01348	-9.98390	9.93510	-8.98620	-1.61440
148.490	-4.080	-.23856	.01051	.23827	-.08713	.03518	-.01044	-10.04900	10.00500	-8.92780	-1.68110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2012/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.540	-4.083	-.21295	.04134	.25382	-.08778	.01743	-.00896	-10.03900	10.03100	-8.95750	-1.69710
201.510	96.209	-.14171	.02011	.24498	-.09653	.05870	-.01275	-9.97190	9.94410	-9.02290	-1.61330
201.680	196.040	-.22876	.01803	.24214	-.14388	.02537	-.01132	-9.96550	9.98400	-9.02630	-1.65070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL01) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP. =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	.000
Y =	.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 391/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.405	400.250	-.04167	-.02930	.14610	.04844	.03372	.00144	-.00850	.04658	-.94307	.25777
-.165	300.270	-.03869	-.03013	.14856	.03957	.03933	-.00198	-.00769	.00250	-.94928	.29578
-.435	250.120	-.04716	-.02904	.15041	.02783	.04061	-.00386	-.01255	.01302	-.94801	.28310
-.548	200.140	-.05444	-.02778	.15168	.01934	.04077	-.00579	-.01357	.01452	-.94868	.27941
-.201	175.130	-.05031	-.02771	.15074	.01589	.04024	-.00611	-.00780	.00892	-.95387	.28480
-.826	150.110	-.06895	-.02280	.15601	.01985	.03912	-.00605	-.00276	.00819	-.95850	.28349
-.065	125.060	-.05997	-.02470	.15267	.01632	.03889	-.00604	.00620	.01222	-.96675	.27945
-.332	100.130	-.06109	-.02480	.14927	.02030	.03799	-.00548	.00318	.00387	-.96301	.29042
-2.041	75.295	-.12264	-.01579	.15325	.03430	.04565	-.00571	-.02928	-.02694	-.92800	.33771
-1.171	50.106	-.14391	-.02313	.14770	.04212	.04689	-.00459	-.05212	-.00366	-.90429	.33486
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 394/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.707	400.180	-.03980	-.02416	.15681	.07963	.05361	-.00564	-.01254	.02898	-.93944	.26762
49.497	300.290	-.04360	-.02526	.15901	.07061	.05261	-.00668	-.01369	.01828	-.93828	.27089
49.437	250.160	-.05780	-.02228	.16131	.05840	.05145	-.00806	-.02103	.02182	-.93555	.26974
50.571	200.040	-.02096	-.02854	.15154	.05239	.05135	-.00870	.02169	.01007	-.97116	.27862
49.182	175.200	-.04646	-.02311	.15630	.05589	.04995	-.00805	-.03323	.00116	-.92140	.28687
49.056	150.110	-.06699	-.02000	.15790	.05354	.05075	-.00780	-.02805	.00192	-.92274	.29020
50.403	125.160	-.05493	-.02264	.15399	.05632	.04986	-.00711	-.00025	.00361	-.96252	.29476
49.989	100.120	-.04951	-.02495	.15075	.06252	.04643	-.00616	-.00587	.00434	-.96160	.29811
49.953	75.197	-.04296	-.02621	.14761	.06563	.04440	-.00411	-.00389	.00958	-.96434	.29444
48.664	50.064	-.07075	-.02247	.15081	.06946	.04671	-.00410	-.03005	-.00197	-.92736	.30577
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL02) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 392/ 0 RN/L = 1.52 . GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.022	25.310	-.11671	-.03509	.13953	.03946	.05050	-.00382	-.03513	.04066	-.93412	.29467
-.471	.039	-.11699	-.03809	.13833	.04841	.04390	-.00211	-.01316	.01066	-.95404	.32463
-.343	-49.850	-.11321	-.04472	.14191	.06066	.03244	.00036	-.02074	.02121	-.94678	.30954
-.447	-99.835	-.10799	-.04844	.15699	.07013	.01254	.00344	-.02552	.03910	-.94324	.28527
-1.113	-199.960	-.00824	-.10061	.16564	.07043	-.04322	.01677	-.02205	.02324	-.93522	.32148
.239	-99.925	-.09226	-.05352	.15238	.07271	.01097	.00371	.00944	.01206	-.98610	.31660
-.605	-49.952	-.11619	-.04488	.14140	.07032	.02961	.00106	-.00954	-.03241	-.97091	.36878
-.030	.109	-.11513	-.03986	.13546	.05414	.04177	-.00154	.00307	-.00377	-.98458	.34446
-.433	25.093	-.12283	-.03405	.13888	.04512	.04713	-.00349	-.01207	.00266	-.96854	.34079
-.326	50.180	-.12745	-.02862	.14139	.04558	.05001	-.00555	-.00746	-.00761	-.97227	.34584
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 395/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.531	25.164	-.04433	-.03123	.14292	.07894	.03993	-.00189	-.01687	.03525	-.94214	.27772
48.859	-.182	-.06976	-.03157	.14895	.09429	.04304	-.00092	-.03493	-.01924	-.92490	.33859
49.456	-49.894	-.06698	-.04010	.15457	.10986	.03111	.00280	-.02227	.01063	-.93547	.30550
50.680	-99.898	-.02492	-.04897	.15599	.08549	.01581	.00520	.02451	.06850	-.98007	.24207
49.818	-199.910	.08733	-.10581	.15815	.05054	-.02551	.01316	-.00230	-.00285	-.95242	.32145
49.563	-100.030	-.02755	-.04933	.15665	.09131	.01098	.00612	-.01247	-.00056	-.94394	.31005
48.941	-49.901	-.06488	-.04177	.15264	.10674	.03133	.00252	-.02999	-.05889	-.92891	37552
49.923	.087	-.07509	-.03022	.15207	.09744	.03874	-.00032	.00238	-.00244	-.96301	.32207
50.023	25.156	-.06828	-.02681	.14788	.08575	.04154	-.00154	.00884	.01442	-.96933	.29670
50.017	50.113	-.06162	-.02477	.14893	.07578	.04198	-.00376	.00547	.01873	-.96633	.28701
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL03) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 393/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN.	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-3.065	75.293	-.13236	-.01800	.15201	.03168	.04723	-.00733	-.07216	-.00207	-.88815	.31325
1.838	100.210	-.05621	-.02616	.14742	.02061	.03509	-.00503	.06067	.04317	-1.02080	.25078
.223	125.080	-.03850	-.03037	.14500	.01790	.03944	-.00633	-.00126	.00056	-.96369	.29330
-.730	150.140	-.05518	-.02667	.15122	.01701	.04019	-.00619	-.02209	.00712	-.94463	.28525
-.224	175.100	-.05171	-.02785	.15023	.01474	.04064	-.00614	-.01995	.00948	-.94890	.28403
-.305	200.090	-.05058	-.02857	.15057	.02069	.04048	-.00521	-.01730	-.00182	-.95223	.30011
-1.331	250.230	-.04176	-.02983	.14713	.02888	.03722	-.00319	.00988	.00131	-.93807	.28068
-.018	300.330	-.03870	-.02957	.14684	.03464	.03743	-.00187	-.00126	.00091	-.93414	.28638
-.324	400.240	-.04189	-.02888	.14656	.04844	.03456	.00131	-.01069	-.00364	-.92797	.29602
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 396/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.136	75.308	-.05422	-.02535	.14762	.07461	.04141	-.00425	-.02715	.03242	-.93448	.27248
49.781	100.140	-.05389	-.02465	.15056	.06230	.04801	-.00618	-.00406	.00664	-.95828	.29288
50.161	125.170	-.04022	-.02553	.15182	.05966	.04795	-.00749	.00803	.01013	-.97092	.28866
49.480	150.150	-.04836	-.02362	.15392	.05591	.05016	-.00787	-.01161	.00639	-.95211	.29342
49.821	175.020	-.04390	-.02426	.15381	.05885	.05112	-.00839	-.00421	.00197	-.95996	.29373
49.718	200.000	-.04003	-.02564	.15291	.05388	.05281	-.00870	-.00567	.00651	-.95892	.28881
49.670	250.250	-.03891	-.02704	.15649	.06051	.05192	-.00819	-.00872	.00062	-.95640	.29523
49.578	300.140	-.04451	-.02619	.15855	.06853	.05238	-.00628	-.01357	-.00695	-.95163	.30446
50.028	400.310	-.03420	-.02506	.15526	.08351	.05066	-.00508	.00969	-.00875	-.97182	.30601
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL04) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 419/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.855	400.240	-.04578	-.03188	.14845	.06487	.03055	.00305	-.01827	.04506	-4.92350	.25945
-.442	300.170	-.05006	-.03333	.15222	.04963	.03454	-.00137	-.01189	.01300	-4.93230	.28545
-.456	250.090	-.05723	-.03267	.15371	.04177	.03501	-.00336	.01647	.01440	-4.96270	.28909
-.263	200.030	-.05859	-.03320	.14979	.03379	.03798	-.00451	-.01268	.00813	-4.93480	.29045
.023	175.110	-.05611	-.03528	.14926	.03299	.03615	-.00519	-.00728	.01202	-4.95060	.29361
-.604	150.220	-.06985	-.03451	.15356	.03192	.03874	-.00585	-.02191	.00012	-4.93950	.30357
-.252	125.060	-.06596	-.03809	.15040	.02782	.03938	-.00726	-.03355	.01591	-4.92630	.28967
-1.764	100.180	-.11503	-.03522	.15309	.03325	.04950	-.00953	-.04942	-.02689	-4.90930	.33833
.455	75.091	-.07940	-.05408	.13899	.03430	.05472	-.00950	.00029	-.00807	-4.96350	.33486
-.969	49.996	-.10712	-.05499	.14082	.05173	.04436	-.00518	-.03331	.00433	-4.93570	.33133
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 421/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.750	400.080	-.04086	-.02651	.15853	.10431	.04647	-.00402	-.01180	.03448	-4.95120	.27719
49.235	300.080	-.05848	-.02616	.16363	.08426	.04829	-.00571	-.02911	.02139	-4.93660	.28360
50.017	250.150	-.05302	-.02701	.16081	.07517	.04817	-.00707	-.01961	.02083	-4.94700	.28632
49.727	200.000	-.05329	-.02853	.15737	.07478	.04920	-.00737	-.03789	.00249	-4.92830	.30259
50.096	175.110	-.03938	-.03271	.15136	.06977	.05142	-.00779	.04381	.00975	-5.01010	.29223
49.044	150.040	-.06486	-.02760	.15908	.07369	.04921	-.00774	-.01503	.00855	-4.95140	.29376
49.913	124.980	-.05632	-.03113	.15454	.07443	.05089	-.00775	-.00351	.00069	-4.96260	.30732
49.402	100.030	-.06833	-.03129	.15691	.07191	.04979	-.00720	-.02384	.00595	-4.94240	.30060
50.232	75.041	-.05003	-.03689	.15062	.08373	.04417	-.00428	-.00136	.00664	-4.96440	.30282
49.686	50.032	-.05086	-.04077	.15010	.10083	.03451	.00001	-.01206	.00989	-4.95480	.30577
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL05) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 431/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
9.497	400.060	-.04964	-.03066	.15428	.07382	.03678	.00152	-.02215	.03731	-4.94490	.30537
9.752	300.050	-.05208	-.03229	.15618	.05467	.04062	-.00291	.01630	.02290	-4.98880	.31992
10.216	249.930	-.03667	-.03665	.14993	.04610	.03955	-.00467	.00970	.02010	-4.98420	.31786
9.392	199.910	-.05034	-.03475	.15062	.03743	.04219	-.00596	-.02473	.01104	-4.95030	.32570
9.823	175.010	-.05075	-.03545	.14942	.03150	.04167	-.00679	.00078	.01351	-4.97580	.32277
9.278	149.980	-.06715	-.03465	.15086	.03219	.04465	-.00751	-.02111	.00014	-4.95400	.33798
9.791	124.910	-.06622	-.03720	.15088	.03022	.04654	-.00804	-.01457	.00039	-4.96050	.33711
9.801	99.907	-.06275	-.04423	.14552	.03977	.04684	-.00885	.00436	-.00618	-4.98030	.35192
9.226	74.894	-.07503	-.05135	.14151	.04452	.05203	-.00819	-.05715	-.00218	-4.92040	.35766
8.914	49.879	-.09988	-.05296	.14094	.05468	.04650	-.00595	-.03441	.00439	-4.94310	.35445
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 428/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.739	400.020	-.04232	-.02710	.15749	.09856	.04679	-.00400	-.01587	.03959	-4.94770	.30145
50.154	300.120	-.03710	-.03038	.15846	.08515	.04860	-.00543	-.01129	.01697	-4.96300	.32045
49.597	249.860	-.04079	-.03023	.15706	.07158	.04915	-.00707	-.01258	.02069	-4.95770	.31513
49.852	199.970	-.04149	-.03151	.15372	.06856	.05025	-.00785	-.01356	.01052	-4.95850	.32907
49.502	174.910	-.05016	-.03038	.15527	.07025	.04963	-.00769	-.01162	.00503	-4.95710	.33170
49.666	149.970	-.05619	-.02976	.15589	.07046	.05098	-.00795	-.01359	.00384	-4.95810	.33131
49.639	124.980	-.05958	-.03118	.15502	.06951	.05058	-.00766	-.02009	.01053	-4.95280	.32763
49.978	99.874	-.05108	-.03555	.15173	.07119	.04772	-.00696	-.00695	.00863	-4.96590	.33130
49.828	74.880	-.04807	-.03786	.14995	.07979	.04393	-.00438	-.00672	.00786	-4.96610	.33326
49.281	49.933	-.06270	-.03845	.15289	.08807	.03962	-.00062	-.02259	.00631	-4.94820	.33843
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL06) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 422/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.423	25.051	-.06791	-.04457	.15065	.11667	.02823	.00398	-.03548	.02188	-4.93300	.29306
49.415	.009	-.07575	-.04621	.15124	.12057	.02828	.00510	-.01995	.00324	-4.94840	.31078
50.720	-50.020	-.05370	-.03527	.15436	.10380	.01567	.00610	.03398	.04877	-5.00100	.25596
50.595	-100.190	-.03135	-.02689	.15207	.09517	-.00491	.00870	.03100	.05828	-4.99450	.24765
50.050	-150.190	-.00425	-.04021	.15406	.08771	-.04102	.01619	-.00918	.09350	-4.95220	.22258
49.399	-99.914	-.03141	-.02869	.15042	.09940	-.00734	.00933	-.00926	-.09051	-4.95450	.39882
48.740	-50.116	-.05525	-.04048	.15131	.10322	.01652	.00590	-.04790	-.05289	-4.91900	.36561
49.046	-.074	-.07249	-.04727	.15030	.12184	.02968	.00456	-.04109	-.04738	-4.92800	.36352
49.994	24.987	-.06961	-.04372	.15168	.10611	.03258	.00358	-.00648	.01484	-4.96280	.29839
50.081	50.005	-.06385	-.03909	.15115	.09647	.03595	.00006	.00528	.00781	-4.97420	.30231
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL07) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 426/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
9.240	24.951	-.10001	-.05573	.13741	.07400	.03388	.00065	-.02741	.03765	-4.94670	.32552
9.564	-.033	-.10507	-.05516	.14195	.07672	.03028	.00302	-.01640	.01259	-4.95750	.34632
9.720	-50.117	-.10423	-.05127	.15634	.08179	.02364	.00356	-.00619	.01412	-4.96300	.33623
10.301	-100.220	-.08752	-.04417	.16510	.07907	-.00045	.00495	.01562	.06315	-4.98090	.28348
10.055	-150.270	-.05489	-.06441	.16580	.07769	-.02020	.01063	-.01735	.04923	-4.94700	.30309
9.506	-100.210	-.08333	-.04946	.16238	.08328	.00168	.00507	-.00796	-.04682	-4.95770	.39625
8.952	-50.166	-.11368	-.04970	.15733	.08282	.02078	.00382	-.03903	-.03511	-4.93030	.38913
10.066	-.113	-.10236	-.05594	.14170	.08522	.02760	.00281	-.00063	-.01412	-4.97150	.37775
9.863	24.821	-.10011	-.05514	.13823	.07282	.03532	.00038	-.00251	.00314	-4.97000	.36452
9.975	49.868	-.09550	-.05358	.13768	.06686	.04228	-.00441	.02561	-.00613	-4.99850	.36513
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL07) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 429/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
48.776	24.965	-.05979	-.04357	.15061	.10135	.02669	.00369	-.04766	.01472	-4.91430	.32503
49.618	-.024	-.08097	-.04595	.15190	.11830	.02966	.00484	-.03890	-.02061	-4.94090	.37218
50.228	-50.270	-.06474	-.03573	.15479	.10175	.01704	.00620	.02261	.05264	-4.98869	.28538
50.888	-100.180	-.03576	-.02637	.15375	.09470	-.00634	.00903	.03536	.06244	-5.00040	.27835
49.916	-150.280	-.01170	-.04165	.15681	.07955	-.03532	.01565	-.00878	.08826	-4.95490	.25953
49.373	-100.210	-.04148	-.02799	.15327	.09503	-.00640	.00879	-.01358	-.07590	-4.95290	.41784
48.214	-50.244	-.08316	-.03832	.15823	.10411	.01959	.00566	-.07313	-.04862	-4.89670	.39431
49.915	-.109	-.07130	-.04839	.14952	.11670	.02986	.00441	-.01327	-.03075	-4.95860	.37789
49.893	24.960	-.07322	-.04412	.15114	.11045	.02958	.00377	-.01051	.01033	-4.96190	.34053
50.280	49.840	-.05873	-.04045	.15032	.09820	.03563	-.00013	.01415	.00365	-4.98600	.34193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL08) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 420/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.008	75.288	-.09508	-.05278	.14313	.04386	.05147	-.00840	-.05629	-.00959	-4.91280	.33607
.158	100.060	-.08915	-.04058	.15629	.03380	.04376	-.00776	.01089	.03337	-4.97780	.28060
.527	124.920	-.06450	-.03882	.15043	.02983	.03871	-.00697	.02042	.02158	-4.98650	.28503
.108	150.090	-.05200	-.03834	.14893	.04024	.03490	-.00505	.01775	.00128	-4.98380	.30903
-.302	175.060	-.05222	-.03552	.15114	.03379	.03737	-.00487	-.00467	.00489	-4.96120	.29740
-.580	200.050	-.06011	-.03383	.15113	.03421	.03721	-.00439	-.00961	.00335	-4.95650	.30436
-.124	250.000	-.05362	-.03337	.15421	.04318	.03557	-.00323	-.00348	-.00235	-4.96190	.30859
-.665	300.180	-.06607	-.02962	.15825	.05008	.03462	-.00135	-.01407	.00106	-4.94910	.30660
-.040	400.120	-.05035	-.03128	.15081	.06813	.03181	.00305	.00197	-.01040	-4.95930	.31784
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL08) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 423/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.385	75.050	-.04977	-.03785	.14936	.08186	.04340	-.00462	-.03170	.02399	-4.93700	.28698
49.207	100.010	-.07204	-.03156	.15586	.07146	.05237	-.00777	-.02021	-.00219	-4.94670	.30992
50.138	125.120	-.06061	-.03104	.15507	.06984	.05199	-.00828	.00444	.00512	-4.97360	.29927
49.924	150.140	-.06072	-.02924	.15597	.07355	.05063	-.00762	-.00531	.00667	-4.96380	.29994
49.716	174.980	-.06115	-.02831	.15626	.07293	.04875	-.00750	-.00347	.00701	-4.96590	.29597
50.023	200.050	-.05214	-.02898	.15653	.07190	.04816	-.00743	.01439	.00828	-4.98420	.29634
50.060	250.040	-.04051	-.03008	.15723	:07002	.04970	-.00750	-.00372	.00473	-4.96620	.30053
49.414	300.080	-.05203	-.02718	.16241	.08219	.04857	-.00586	-.02053	-.00522	-4.94880	.31153
49.846	400.060	-.04904	-.02520	.16028	.09779	.04703	-.00339	-.00266	-.01108	-4.96430	.31902
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL09) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 427/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
8.288	75.015	-.10205	-.04326	.14497	.04549	.05383	-.00859	-.06405	-.00092	-4.88930	.34652
11.156	100.040	-.05516	-.04414	.14444	.04053	.04800	-.00743	.02757	.02336	-4.97870	.30957
9.745	124.870	-.06086	-.03837	.14955	.03676	.04050	-.00678	-.01650	.02752	-4.93430	.29795
10.379	149.940	-.05098	-.03796	.14981	.03837	.04018	-.00597	.01062	.00344	-4.97170	.32734
9.219	174.950	-.07208	-.03103	.15447	.04390	.03809	-.00496	-.01770	.00511	-4.94210	.32523
10.528	199.950	-.05098	-.03506	.15084	.04401	.03837	-.00491	.01093	.00721	-4.97710	.32587
9.204	249.910	-.07066	-.02972	.15819	.04958	.03651	-.00324	-.02047	.00089	-4.94120	.33408
10.100	300.040	-.05482	-.03186	.15684	.06323	.03359	-.00111	.00738	-.00346	-4.96620	.33779
9.862	399.960	-.04742	-.03109	.15286	.07161	.03235	.00231	-.01093	.00025	-4.94230	.33555
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL09) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 430/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.106	74.941	-.05393	-.03709	.15117	.07748	.04608	-.00458	-.03818	.01863	-4.93360	.32694
49.850	99.938	-.05184	-.03652	.14935	.06872	.05193	-.00747	-.00523	.00400	-4.96640	.33571
49.853	124.940	-.05362	-.03264	.15426	.06706	.05329	-.00850	-.00232	.00370	-4.96960	.33740
49.655	150.080	-.05951	-.03017	.15558	.07001	.05041	-.00781	-.02947	.00732	-4.94250	.33481
49.752	174.940	-.06039	-.02828	.15567	.06696	.04832	-.00762	-.00312	.01725	-4.96950	.31630
49.536	199.970	-.06960	-.02577	.15895	.07005	.04767	-.00720	-.01336	.00285	-4.95920	.33357
50.201	249.930	-.05463	-.02780	.15843	.07233	.04806	-.00711	.00325	.00090	-4.97610	.33932
50.002	300.040	-.04297	-.02922	.15977	.07540	.04956	-.00607	-.02043	-.00200	-4.95100	.34289
49.616	399.990	-.04631	-.02631	.15882	.09461	.04715	-.00358	-.00249	-.01158	-4.96550	.35085
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL10) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 461/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.997	400.130	-.07815	-.00076	.19369	.16752	.05938	-.01171	-.03984	.02093	-8.92230	.28737
99.701	300.160	-.06825	-.01094	.18830	.14718	.06508	-.01430	-.01410	.01420	-8.94910	.29157
99.895	250.110	-.05805	-.01551	.18390	.13890	.07323	-.01464	-.00351	-.00095	-8.95960	.30305
99.740	200.150	-.05306	-.02096	.18063	.13125	.08143	-.01578	-.00934	-.00609	-8.95420	.31084
99.669	175.090	-.04665	-.02775	.17674	.14382	.08245	-.01625	-.01397	-.01573	-8.94990	.31852
99.770	150.030	-.03800	-.03543	.17589	.14075	.08522	-.01735	-.01324	-.00069	-8.95040	.30495
99.285	125.060	-.05106	-.03810	.17370	.17716	.09118	-.01646	-.02460	-.05515	-8.93860	.35687
99.466	100.020	-.05655	-.04293	.16362	.19683	.09898	-.01629	-.01625	-.02429	-8.94630	.32231
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL11) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 467/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.547	400.190	-.08931	.00078	.19258	.16949	.05792	-.01043	-.02566	.02650	-8.94590	.29793
99.917	299.990	-.07113	-.01039	.18597	.16080	.06435	-.01246	-.01994	.00384	-8.94910	.31863
99.787	250.100	-.06403	-.01661	.17984	.14637	.07256	-.01364	-.00923	.00049	-8.96110	.32145
99.682	200.010	-.05917	-.02240	.17606	.14792	.07685	-.01406	-.01432	-.00820	-8.95600	.33618
99.522	175.100	-.06190	-.02756	.17565	.15088	.07922	-.01508	-.02126	-.00780	-8.94970	.32696
99.764	149.990	-.05074	-.03632	.17478	.14374	.08677	-.01650	-.01493	-.00846	-8.95650	.32599
99.338	125.010	-.06093	-.04209	.16345	.19725	.09763	-.01597	-.02767	-.08100	-8.94470	.39848
99.410	100.020	-.05921	-.04997	.16112	.20100	.09324	-.01523	-.01610	.00846	-8.95430	.30568
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL12) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 462/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.098	75.235	-.04423	-.05282	.17205	.20163	.08683	-.00906	-.05223	.04142	-8.92120	.26400
99.600	50.059	-.04578	-.05437	.18081	.20402	.07376	-.00284	-.01471	.03023	-8.95880	.26941
99.870	25.022	-.03979	-.05384	.18999	.19464	.06724	-.00214	-.00468	.02853	-8.96700	.27564
99.833	-.037	-.03156	-.05536	.19784	.17027	.06774	-.00301	-.00516	.02686	-8.96490	.27930
99.635	25.124	-.03586	-.05541	.18983	.18791	.06939	-.00234	-.00793	-.01721	-8.96400	.32110
99.644	49.985	-.04218	-.05621	.18008	.20119	.07274	-.00322	-.01161	-.02049	-8.96160	.32325
99.928	75.056	-.04156	-.05411	.17165	.20139	.08627	-.00848	-.00291	-.02922	-8.97090	.33330
99.537	100.040	-.05338	-.04889	.16393	.19693	.09802	-.01580	-.00530	-.01799	-8.96740	.32172
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL13) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 463/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.975	125.140	-.05675	-.03814	.17280	.16463	.09734	-.01908	-.05037	.05579	-8.92260	.25258
100.560	149.940	-.03159	-.03730	.17465	.13820	.10066	-.01963	.02208	.02863	-8.99570	.28470
99.414	175.050	-.04964	-.02867	.17698	.14804	.08997	-.01778	-.01969	.01381	-8.95430	.29985
99.393	200.060	-.06868	-.01894	.18296	.14325	.08401	-.01638	-.01941	.02499	-8.95430	.28933
100.110	250.030	-.05822	-.01704	.18254	.14740	.07465	-.01520	-.00145	.01828	-8.97250	.29506
99.518	300.080	-.07092	-.01070	.18849	.15024	.07007	-.01444	-.01608	.01069	-8.95790	.30476
99.465	400.140	-.09068	.00067	.19582	.16990	.05666	-.01134	-.01246	.01051	-8.96130	.30364
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL14) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 468/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.273	125.000	-.07439	-.03943	.16682	.18777	.09600	-.01682	-.07226	.03141	-8.89870	.28346
100.620	149.940	-.04305	-.03706	.17310	.13969	.09017	-.01813	.02306	.07024	-8.99340	.25483
99.421	174.890	-.06133	-.02746	.17681	.14659	.08202	-.01599	-.01118	.01713	-8.95920	.29850
99.698	200.020	-.06643	-.02029	.17762	.15387	.07688	-.01396	-.00181	.00625	-8.96800	.31310
100.220	249.900	-.04863	-.02005	.17690	.15003	.07164	-.01386	.01365	.02325	-8.98170	.29942
99.179	300.090	-.07174	-.01168	.18357	.15239	.06625	-.01336	-.01855	.01508	-8.94990	.31170
99.751	400.050	-.07914	-.00169	.19014	.16458	.05688	-.01120	-.00418	.01303	-8.96410	.31137
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL15) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1794/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.307	-2.529	.16035	-.07089	.15915	-.18664	.05210	-.02803	9.98200	10.04200	-4.90470	4.33810
-.077	97.468	.15834	-.07340	.17941	-.15344	.05553	-.02621	9.97620	9.97110	-4.90140	4.40530
.370	197.500	.13019	-.04303	.17348	-.11861	.04433	-.01885	10.01500	10.00100	-4.94090	4.37500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1795/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.290	197.490	.13347	-.03466	.17143	-.10837	.05473	-.01515	10.01300	9.98410	-4.93330	4.38560
99.837	97.408	.12453	-.03186	.17937	-.12278	.06165	-.02078	9.98810	10.01400	-4.90690	4.35960
100.300	-2.591	.12723	-.03282	.17532	-.15442	.06388	-.02083	9.99210	10.04800	-4.91250	4.32680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1796/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.620	-2.626	.14370	-.03058	.17833	-.14435	.08356	-.02712	9.98170	10.03400	-4.90560	4.35740
200.370	97.409	.15380	-.03196	.17401	-.12512	.07847	-.02239	10.00000	10.00600	-4.92280	4.38270
200.230	197.430	.16233	-.03628	.16582	-.09475	.05907	-.01662	9.99530	10.02500	-4.91700	4.36210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL16) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1820/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.197	.389	.12060	-.04590	.17335	-.19077	.07421	-.02336	9.98380	10.06200	-4.90810	2.30050
51.138	100.390	.14664	-.05421	.16094	-.21160	.06508	-.02169	10.00100	10.06100	-4.94270	2.26840
49.471	200.460	.12526	-.04640	.16880	-.23319	.07449	-.02414	9.97760	10.02900	-4.91370	2.26670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL16) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1821/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	200.370	.13023	-.04063	.17870	-.21033	.08553	-.02818	10.00400	9.96530	-4.93590	2.34970
101.360	100.350	.17273	-.04964	.16734	-.19864	.07606	-.02347	10.02400	10.02600	-4.96260	2.31430
98.668	.407	.12595	-.03628	.17208	-.15354	.07774	-.02450	9.96470	9.96400	-4.88610	2.39340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1822/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.330	.333	.16979	-.03424	.17566	-.11480	.08946	-.02673	10.03800	9.94730	-4.95810	2.41070
201.350	100.250	.21075	-.03758	.18561	-.15276	.10820	-.03102	10.02100	10.02000	-4.94890	2.33490
199.280	200.390	.18311	-.03236	.18710	-.16782	.11775	-.03485	9.97240	10.01400	-4.89670	2.32900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL17) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1799/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.205	.268	.14063	-.05899	.17099	-.18669	.06403	-.02729	9.98580	10.04700	-4.91700	2.32970
-.109	100.410	.14506	-.06913	.17722	-.17293	.06346	-.02418	9.97120	10.00600	-4.90540	2.33310
1.423	200.430	.14860	-.05403	.15687	-.13815	.04881	-.01236	10.02900	10.01200	-4.98540	2.30890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1800/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
99.274	100.310	.12394	-.03412	.17556	-.12945	.07254	-.02011	9.98830	9.95540	-4.91610	2.41700
99.951	.275	.11009	-.02756	.17975	-.16757	.07835	-.02426	9.98730	10.04700	-4.91420	2.33340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL17) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1801/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.040	.284	.14371	-.02816	.18405	-.14572	.09983	-.03082	10.02300	9.94030	-4.95060	2.43350
200.290	100.180	.15632	-.03405	.17212	-.12148	.09368	-.02462	9.99820	10.00100	-4.92410	2.37290
200.760	200.490	.18459	-.04277	.15684	-.11608	.07259	-.01793	10.01300	10.05900	-4.94030	2.31900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL18) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1802/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.645	-.249	.12063	-.04676	.17868	-.18405	.07869	-.02546	9.96590	10.04300	-4.91040	.25837
49.755	99.923	.11292	-.04744	.18446	-.19255	.08623	-.02771	9.97610	10.01200	-4.92000	.28003
50.247	200.030	.11372	-.04478	.18702	-.19271	.08809	-.02828	9.99480	10.01600	-4.94200	.27637
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1803/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.703	199.850	.13501	-.03102	.19632	-.16794	.11118	-.03408	9.96920	10.07500	-4.90970	.24405
100.250	99.746	.14067	-.03312	.19292	-.15899	.09380	-.02879	9.99470	10.03700	-4.93210	.27949
100.360	-.126	.14424	-.03287	.18393	-.14987	.08504	-.02605	9.99580	10.02700	-4.93370	.30011
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1804/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.190	-.137	.20861	-.00280	.19737	-.05582	.10840	-.02869	9.99610	10.01700	-4.92380	.34170
200.200	99.695	.20648	.00055	.19155	-.04069	.10991	-.02943	9.99920	9.98900	-4.92670	.36000
200.070	199.880	.21479	-.00372	.20032	-.06928	.11987	-.03606	9.99010	10.02300	-4.91530	.31423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL19) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1805/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.902	-.420	.13256	-.05154	.18174	-.19387	.06706	-.02384	9.97820	10.04600	-4.91490	.27938
50.216	99.787	.13922	-.05265	.17976	-.21085	.07421	-.02458	9.99770	10.01900	-4.93250	.27701
49.967	199.950	.12507	-.04561	.17716	-.21888	.07741	-.02699	9.98870	10.02300	-4.92690	.26906
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1806/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.360	199.920	.13612	-.03691	.18897	-.18804	.09706	-.03000	10.01200	9.93800	-4.94140	.36502
100.190	99.622	.14543	-.03823	.19238	-.18478	.09209	-.02749	9.99760	10.02200	-4.92230	.28680
100.370	-.207	.14318	-.03499	.18317	-.15469	.07356	-.02157	9.99520	10.02400	-4.92360	.31290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1807/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.340	-.297	.20246	-.01352	.19530	-.10891	.09360	-.02707	10.08500	9.92000	-5.00640	.42311
199.820	99.893	.20002	-.01509	.19876	-.10855	.11404	-.03229	9.98580	9.97930	-4.90490	.35604
199.890	199.880	.20100	-.01863	.19776	-.12016	.11593	-.03620	9.98470	10.02600	-4.90060	.29923
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL20) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1808/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.464	99.846	.15474	-.05392	.15529	-.21430	.07269	-.02441	10.01700	10.08200	-4.94550	.25057
48.852	199.950	.11847	-.04622	.16725	-.22888	.07521	-.02423	9.96330	10.02800	-4.88350	.26871
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142,.O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL20) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1809/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.670	199.840	.13237	-.04107	.17684	-.22015	.09599	-.02951	10.00600	9.96130	-4.92620	.35393
101.030	99.864	.15787	-.04981	.16984	-.20556	.09091	-.02815	10.00700	10.00900	-4.94030	.34243
99.242	-.210	.11473	-.03107	.17821	-.15579	.08775	-.02683	9.97630	9.96740	-4.90210	.40462
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1810/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.500	-.269	.16563	-.02974	.18515	-.13212	.11075	-.03424	10.04400	9.94130	-4.96660	.42212
201.370	99.682	.20667	-.03621	.18665	-.15745	.11866	-.03416	10.01900	10.02600	-4.95010	.34032
199.510	199.900	.18970	-.03353	.18789	-.16316	.11747	-.03534	9.97810	10.02800	-4.90360	.32594
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL21) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1811/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.739	-4.038	.12159	-.04790	.18952	-.18355	.07478	-.02443	9.97070	10.06500	-4.90630	-1.74630
50.206	95.766	.12256	-.04881	.18765	-.18654	.08889	-.02750	9.98830	9.99060	-4.92510	-1.67610
50.048	195.730	.11174	-.04504	.18392	-.19184	.08790	-.02908	9.98590	10.02100	-4.92520	-1.70860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1812/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.780	195.870	.12668	-.02670	.19813	-.14937	.11099	-.03354	10.03000	9.92140	-4.96200	-1.60630
100.170	95.720	.13399	-.03080	.19109	-.14808	.10259	-.03077	9.99650	10.03400	-4.92590	-1.68250
100.310	-4.184	.13862	-.02982	.19140	-.13120	.07988	-.02224	10.00100	10.04700	-4.92860	-1.68790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL21) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	8.000
Y	=	.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1813/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.650	-4.263	.21155	.01041	.20505	.00463	.12601	-.03096	10.00900	9.98980	-4.92510	-1.60240
200.040	95.825	.21230	.00342	.19430	-.03945	.11897	-.03372	9.98490	10.08500	-4.90300	-1.71420
200.060	195.840	.21230	.00274	.19641	-.03744	.11406	-.03501	9.99150	10.02800	-4.90810	-1.72080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL22) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	8.000
Y	=	50.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1814/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.965	-4.254	.15030	-.05491	.17760	-.19676	.06533	-.02506	9.97210	10.06600	-4.90700	-1.74560
49.281	95.854	.11894	-.04681	.18225	-.20971	.07374	-.02539	9.97320	10.01400	-4.90780	-1.72890
50.654	195.920	.12766	-.04409	.17378	-.22107	.08163	-.02760	10.00600	10.01000	-4.94360	-1.72310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1815/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.160	195.840	.13539	-.03815	.18684	-.19316	.10124	-.03159	10.00200	9.94500	-4.93240	-1.64830
100.020	95.867	.14097	-.03874	.19350	-.18695	.09945	-.02996	9.99410	10.01500	-4.91880	-1.71340
101.010	-4.195	.16485	-.04192	.17855	-.17401	.09888	-.02827	10.01800	9.99970	-4.94630	-1.67460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1816/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.03277	10.06700	9.93240	-4.99100	-1.59730
199.930	95.896	.20041	-.01607	.20130	-.11790	.12154	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.790	195.920	.19497	-.01822	.20090	-.12816	.12511	-.03818	9.98110	10.02200	-4.90080	-1.69640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL23) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1817/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.129	-4.172	.09613	-.03287	.17508	-.18035	.08293	-.02583	9.98370	10.03600	-4.90450	-1.66770
51.722	95.832	.14991	-.05080	.16099	-.20235	.07800	-.02388	10.02000	10.05300	-4.95730	-1.69770
48.973	195.800	.12294	-.04720	.16699	-.23222	.07755	-.02513	9.96920	10.05300	-4.89520	-1.75080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1818/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.520	195.850	.14311	-.04447	.17281	-.21831	.09759	-.03043	10.01300	9.96050	-4.93140	-1.64530
100.750	95.860	.16326	-.05205	.16931	-.20255	.09186	-.02913	9.99890	10.01500	-4.92630	-1.66190
98.995	-4.150	.11546	-.03103	.17615	-.17539	.09551	-.02885	9.97830	9.98280	-4.89480	-1.62550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1819/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.200	-4.359	.15297	-.02593	.19270	-.14168	.11634	-.03652	10.03300	9.93080	-4.94670	-1.57280
201.470	95.856	.19577	-.03273	.18867	-.15639	.11455	-.03552	10.02800	10.04000	-4.95100	-1.67490
199.550	195.810	.18537	-.03412	.18741	-.15863	.12378	-.03683	9.97880	9.99380	-4.89570	-1.64010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL24) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1262/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.065	-2.235	-.35352	.02024	.21480	-.29884	.12277	-.03102	-10.00500	10.02100	-.96077	4.32700
.563	97.634	-.34617	.03688	.22554	-.31133	.12746	-.03576	-9.97410	10.02100	-.99223	4.33420
-.063	197.760	-.36152	.05910	.25307	-.27128	.11914	-.03526	-9.98990	9.99430	-.97797	4.36360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL24) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1263/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.174	197.690	-.39493	.07161	.25362	-.23793	.10977	-.03069	-10.01700	9.99650	-.95320	4.34410
50.170	97.608	-.36112	.04512	.22316	-.26649	.12124	-.03198	-10.00100	10.02300	-.96837	4.31630
49.339	-2.368	-.35580	.02527	.21334	-.27589	.11831	-.02832	-10.02700	10.03300	-.94010	4.30490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1264/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	-2.184	-.34427	.02816	.21206	-.24908	.11111	-.02560	-9.98820	10.01000	-.97889	4.32230
99.315	97.550	-.38708	.05490	.23090	-.22565	.10910	-.02806	-10.00500	9.98370	-.96409	4.35180
100.030	197.670	-.39637	.07100	.24341	-.20119	.10143	-.02733	-9.98920	10.00400	-.98048	4.32110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1265/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.870	197.580	-.36245	.07513	.24275	-.12343	.09305	-.02219	-9.95890	9.94850	-1.00730	4.37390
199.550	97.639	-.34873	.05681	.23241	-.16395	.11306	-.02548	-10.02000	10.01800	-.94479	4.29610
199.550	-2.461	-.33512	.03702	.22286	-.17238	.11595	-.02239	-10.01900	10.01500	-.94421	4.30550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL25) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1274/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.33970	.13576	-.03677	-10.00500	10.03600	-.96788	2.33240
.546	100.630	-.34897	.02485	.21670	-.32910	.13639	-.03567	-9.97200	10.01100	-1.00130	[illegible]
-.241	200.550	-.36871	.04540	.23737	-.30913	.13519	-.04089	-10.00100	10.00700	-.97228	2.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL25) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-10.000	BETAB	=	12.000
Y	=	100.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1275/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.811	200.650	-.32648	.03087	.21276	-.24735	.11655	-.02893	-9.97190	9.99260	-1.00080	2.35090
48.511	100.530	-.36514	.02614	.21582	-.31739	.14459	-.03840	-10.05200	10.03300	-.92104	2.31530
49.813	.340	-.35148	.01111	.20849	-.30923	.14089	-.03582	-10.01600	10.00700	-.95653	2.34470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1276/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.764	.571	-.35652	.01878	.21733	-.26624	.14747	-.03354	-9.99830	9.95400	-.97217	2.38900
100.440	100.460	-.35024	.03071	.22147	-.25844	.14233	-.03297	-9.97620	10.02000	-.99461	2.32110
100.560	200.460	-.32461	.02770	.21617	-.21567	.11881	-.02667	-9.98150	10.01900	-.98816	2.32240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1277/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.690	200.430	-.26503	.03833	.23048	-.15394	.13822	-.02794	-9.92940	9.90150	-1.03500	2.43460
198.600	100.470	-.30962	.04733	.24518	-.13580	.14593	-.02752	-10.04100	9.97830	-.92440	2.35840
199.250	.382	-.31292	.03533	.24331	-.14010	.13828	-.02644	-10.02600	10.03100	-.93986	2.30770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL26) (02 FEB 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1097.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	450.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-10.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1310/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.585	.694	-.35687	.01427	.21832	-.31558	.13103	-.03498	-10.02200	10.01400	-.94644	2.33620
.560	100.430	-.35205	.03227	.22507	-.31445	.13377	-.03822	-9.96540	10.00300	-1.00420	2.34580
-.275	200.520	-.37594	.05621	.24979	-.29916	.13302	-.03993	-9.99730	9.99890	-.97408	2.35200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL26) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1311/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.436	200.470	-.38907	.05945	.24368	-.26822	.12785	-.03515	-10.00700	9.99130	-.96510	2.33860
50.038	100.400	-.36443	.03819	.22260	-.29439	.13384	-.03576	-10.00700	10.03200	-.96491	2.29750
49.510	.407	-.35632	.02064	.22081	-.30604	.13337	-.03272	-10.02800	10.03000	-.94258	2.30540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1312/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.483	.501	-.36910	.02764	.22465	-.27521	.13349	-.03115	-10.00500	9.97740	-.96422	2.35070
100.120	100.510	-.37251	.04115	.22608	-.26072	.13264	-.03407	-9.98340	10.00000	-.98596	2.31880
100.560	200.550	-.36632	.05660	.24029	-.22879	.12649	-.03089	-9.96940	9.99670	-1.00270	2.33210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1313/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.050	200.390	-.31652	.05034	.23431	-.12286	.11926	-.02319	-9.96050	9.90910	-1.00800	2.40300
198.730	100.490	-.35419	.05453	.24089	-.15345	.13465	-.02817	-10.03500	10.01700	-.93394	2.29780
200.540	.376	-.30282	.02775	.22838	-.18625	.13630	-.02742	-9.99010	10.04800	-.97677	2.26880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL27) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1314/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]								
1.466	99.963	-.33999	.00681	.20236	-.29617	.12153	-.03520	-9.94310	10.00000	-1.03350	.31838
1.302	199.960	-.28896	.00771	.18874	-.24992	.09086	-.02737	-9.94320	10.02600	-1.02510	.28873
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL27) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1315/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.574	200.040	-.28608	.00447	.20238	-.24975	.11647	-.03185	-10.01500	9.96250	-.95249	.35109
50.432	99.812	-.25790	-.00903	.19248	-.24896	.11214	-.03067	-9.98700	10.01700	-.98372	.29571
50.756	-.045	-.42011	.01600	.22092	-.27694	.13068	-.03470	-9.96760	10.00500	-1.00670	.31132
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1316/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.557	-.090	-.38856	.01025	.22221	-.16969	.18029	-.03777	-10.00800	10.00800	-.96769	.29583
100.610	99.933	-.37338	.02936	.24246	-.19723	.18063	-.04179	-9.96510	10.04300	-1.00500	.26631
99.765	199.940	-.38264	.04137	.26423	-.20024	.17143	-.04276	-10.00500	10.03600	-.96137	.27875
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1317/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	199.890	-.28293	.08324	.27850	-.05740	.16792	-.03701	-10.00700	9.99950	-.95873	.31632
200.170	100.110	-.26786	.07827	.27035	-.06700	.18478	-.03759	-9.99090	9.98850	-.97671	.32597
199.700	-.000	-.26016	.06448	.26214	-.04658	.19686	-.03592	-10.01600	9.96420	-.95559	.35202
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL28) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1318/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.071	.067	-.37653	.00527	.20965	-.33749	.13282	-.03862	-10.00500	10.05100	-.97405	.28157
.723	99.985	-.35402	.01257	.20417	-.33295	.13267	-.03915	-9.96330	10.00800	-1.01640	.31839
.140	199.880	-.35730	.03153	.20883	-.26522	.10271	-.03053	-9.97310	9.99930	-1.00180	.31118
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL28) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1319/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.783	199.990	-.31381	.02437	.20323	-.22292	.10073	-.02633	-9.97270	9.97360	-.99949	.33732
49.401	99.981	-.32623	.01846	.20714	-.28869	.13681	-.03606	-10.02300	10.00600	-.95366	.30637
48.162	-.048	-.37041	.01160	.21236	-.30157	.14696	-.03901	-10.06300	10.00600	-.91556	.31216
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1320/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.950	-.096	-.28809	.00305	.20532	-.24922	.13456	-.03193	-9.93590	9.98030	-1.03870	.32990
98.828	99.977	-.33371	.02234	.22865	-.22698	.13941	-.03160	-10.03500	9.98170	-.93897	.32999
99.607	200.010	-.34484	.03010	.23840	-.21679	.14157	-.03239	-10.00500	9.99620	-.96692	.31414
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1321/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.470	199.940	-.30304	.06081	.26480	-.11858	.15392	-.03399	-10.01000	10.00500	-.95817	.30440
200.790	99.986	-.26525	.05384	.25543	-.13077	.16481	-.03370	-9.97360	10.00400	-.99638	.30665
199.470	.017	-.26853	.04923	.25159	-.14314	.17429	-.03228	-10.01600	10.00700	-.95238	.29556
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL29) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1322/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.006	-.010	-.35262	.00776	.21574	-.32894	.13530	-.03625	-10.00500	10.01600	-.97135	.31144
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.324	199.980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL29) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1323/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.254	199.960	-.32250	.02865	.20752	-.22286	.10684	-.02588	-9.96760	9.98190	-1.01000	.32846
48.271	99.907	-.36242	.02341	.21416	-.29766	.14209	-.03850	-10.05600	10.01700	-.91902	.29487
49.609	-.096	-.35527	.01269	.21789	-.30184	.13987	-.03573	-10.01500	10.02200	-.96041	.29054
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1324/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.976	.021	-.35013	.01874	.22471	-.25750	.14194	-.03281	-9.99180	9.96510	-.98191	.34547
100.310	100.030	-.34938	.03183	.22596	-.24077	.14047	-.03235	-9.98480	9.99980	-.99041	.30767
100.850	200.080	-.31457	.02743	.21819	-.20554	.11886	-.02688	-9.97260	10.01900	-1.00300	.29169
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1325/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.930	200.050	-.28508	.04362	.24123	-.14271	.13454	-.02790	-9.95340	9.91120	-1.01710	.38541
200.010	100.020	-.27801	.04281	.24533	-.13296	.14157	-.02807	-9.99830	9.98900	-.97277	.31528
199.330	.084	-.27712	.02989	.24438	-.17502	.15158	-.03067	-10.02500	10.05200	-.94381	.24313
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL30) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1326/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-2.178	-3.930	-.38951	-.00383	.20193	-.28980	.12666	-.03916	-10.06300	9.99360	-.91533	-1.66070
1.444	95.949	-.34605	.00976	.20758	-.28539	.12596	-.03896	-9.94120	10.01000	-1.03430	-1.68280
.882	196.030	-.31567	.01616	.19797	-.24205	.09144	-.02782	-9.95860	10.04100	-1.00800	-1.71730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL30) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1327/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.496	195.950	-.28055	.00724	.20481	-.21221	.10773	-.03106	-9.98250	9.94840	-.98418	-1.62440
49.663	96.015	-.27900	-.00249	.20000	-.22497	.10320	-.03155	-10.00400	10.03700	-.96464	-1.71790
50.251	-4.135	-.19129	-.04216	.16196	-.23167	.13401	-.03586	-9.99250	9.98600	-.98016	-1.66810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1328/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.150	-3.987	-.38066	.00904	.22698	-.14765	.17110	-.03658	-9.99430	9.98870	-.97700	-1.67410
100.640	95.901	-.36418	.02756	.24969	-.17062	.17440	-.04082	-9.96270	10.02600	-1.00590	-1.70840
100.050	195.920	-.35792	.03420	.26414	-.18328	.16550	-.04190	-9.98960	10.04900	-.97674	-1.71930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1329/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.730	195.910	-.29265	.08628	.28406	-.04316	.16445	-.03700	-10.00200	10.00200	-.96382	-1.67620
200.230	95.907	-.27286	.08028	.27946	-.05877	.18377	-.03751	-9.99270	9.98870	-.97434	-1.66550
199.600	-3.948	-.27321	.07317	.27142	-.03027	.19382	-.03573	-10.01800	9.96120	-.94939	-1.63410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL31) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1330/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.07850	-9.99730	10.04900	-.97765	-1.71880
.322	95.921	-.35455	.01073	.20207	-.32098	.13238	-.04006	-9.97830	10.01100	[illegible]	[illegible]
.308	195.980	-.35659	.03044	.20500	-.23342	.09199	-.02716	-9.97360	10.00500	-.99774	-1.68410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL31) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1331/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.790	196.110	-.31827	.02552	.20463	-.21559	.10031	-.02638	-9.97490	9.98040	-.99615	-1.66070
48.011	95.837	-.37909	.02932	.22319	-.25837	.12452	-.03562	-10.06500	9.99790	-.90869	-1.68350
49.956	-4.017	-.35934	.01033	.21625	-.27809	.14435	-.03782	-10.01500	9.99040	-.95862	-1.67380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1332/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
98.526	-4.005	-.40377	.02616	.24013	-.24003	.12293	-.03172	-10.02100	10.02000	-.94816	-1.70580
103.100	95.964	-.28799	.01302	.22065	-.20269	.13406	-.03310	-9.90480	9.95060	-1.06640	-1.63640
98.745	196.010	-.33328	.02740	.23266	-.20828	.12893	-.03209	-10.02800	10.03400	-.94310	-1.71740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1333/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.810	195.980	-.28492	.05847	.26311	-.11239	.15541	-.03491	-9.99930	10.00900	-.96772	-1.69820
199.590	96.041	-.28896	.05957	.26568	-.12167	.16697	-.03456	-10.00900	9.99810	-.95873	-1.68340
201.040	-4.041	-.23025	.04367	.25279	-.12582	.17291	-.03185	-9.96880	10.01000	-.99571	-1.70110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL32) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1334/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.198	-3.914	-.35787	.00802	.21425	-.32796	.13898	-.03795	-10.00800	10.02800	-.96452	-1.68660
.436	95.942	-.35633	.02360	.20967	-.31118	.13274	-.03946	-9.97830	10.00900	-.99549	-1.66930
.713	196.200	-.34217	.04042	.22576	-.30362	.13402	-.04135	-9.97250	10.00900	-1.00030	-1.66620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL32) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1335/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.443	195.990	-.35189	.03522	.21664	-.20508	.10122	-.02573	-10.02200	9.97440	-.95240	-1.64190
49.047	95.846	-.36234	.02290	.21368	-.30958	.14195	-.04002	-10.04000	10.03500	-.93050	-1.70690
49.452	-4.024	-.36107	.01200	.21932	-.29152	.13859	-.03670	-10.02300	9.99800	-.94751	-1.66330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1336/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.778	-3.993	-.36507	.01929	.22801	-.24361	.13792	-.03367	-9.99750	9.96600	-.97189	-1.63600
100.040	95.867	-.37796	.03787	.23437	-.22214	.13051	-.03198	-9.98210	9.99650	-.98971	-1.66750
101.770	196.060	-.31068	.02770	.21829	-.19450	.11721	-.02659	-9.94330	10.01100	-1.03010	-1.68010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1337/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.960	196.020	-.27648	.04412	.24207	-.13518	.13316	-.02985	-10.03000	10.02500	-.93865	-1.69910
199.030	96.082	-.30055	.05002	.25261	-.13429	.14659	-.02983	-10.02000	9.98670	-.94696	-1.65910
199.640	-3.981	-.28221	.03449	.25398	-.17824	.14318	-.03156	-10.02300	10.08100	-.94018	-1.75340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL33) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1404/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.00300	14.99000	-1.18120	4.48010
-.189	197.710	.26324	-.07930	.16072	-.32383	.07181	-.01873	14.97500	15.02500	-1.17650	4.37240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL33) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1405/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.969	197.990	.26320	-.07487	.16084	-.31593	.07244	-.01879	15.00100	15.00500	-1.19560	4.43830
50.116	97.729	.28822	-.08549	.15768	-.23342	.03979	-.01043	15.00000	14.98900	-1.17420	4.49560
50.446	-2.078	.29580	-.08823	.15383	-.26004	.04367	-.01877	14.99900	15.03400	-1.18160	4.42650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1406/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.180	-2.141	.28766	-.07950	.15782	-.24688	.04914	-.01675	14.99600	14.98500	-1.18380	4.48570
99.835	97.894	.29630	-.08677	.16195	-.23300	.04681	-.01351	14.98600	15.00700	-1.16770	4.47770
99.790	197.950	.27740	-.08353	.16804	-.33169	.08410	-.02883	14.97800	15.04300	-1.17280	4.44080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1407/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.140	197.690	.32931	-.09355	.16436	-.24054	.06950	-.02876	15.02500	14.93700	-1.21130	4.53410
200.270	97.859	.32595	-.09545	.16107	-.24936	.07156	-.02809	14.98900	15.02000	-1.18870	4.47530
200.210	-2.202	.32856	-.09676	.16475	-.23668	.07087	-.02915	14.99300	14.99900	-1.19370	4.47950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL34) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1408/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.593	.911	.27297	-.07995	.16483	-.36541	.07703	-.02973	14.99300	15.04100	-1.20620	2.32460
-.578	100.860	.25118	-.07632	.17261	-.39169	.08912	-.03374	14.97300	15.01900	-1.18400	2.32450
-.937	200.790	.22882	-.08218	.18048	-.40448	.10175	-.03661	14.96100	14.99500	-1.17110	2.34410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL34) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1409/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.325	200.860	.24514	-.07821	.18012	-.36447	.10354	-.03881	15.01800	14.96400	-1.21460	2.38710
50.407	100.650	.25060	-.07069	.18177	-.36427	.09944	-.03711	15.01100	15.01800	-1.20530	2.34690
51.096	.681	.27833	-.07094	.17576	-.34143	.08566	-.03372	15.02100	15.01400	-1.21650	2.37980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1410/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.330	.701	.29218	-.06961	.18818	-.30458	.09437	-.03702	15.00500	14.95300	-1.19780	2.49100
99.246	100.730	.27870	-.07445	.19007	-.31996	.10933	-.04163	14.97000	15.00200	-1.15600	2.39840
99.630	200.800	.27295	-.08190	.18654	-.31905	.11100	-.04345	14.97800	15.00700	-1.16350	2.37140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1411/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.330	200.780	.34922	-.08999	.19517	-.25232	.11921	-.05661	15.04800	14.92100	-1.24220	2.56150
200.910	100.760	.35470	-.08557	.19879	-.23851	.11587	-.05519	15.00900	15.00300	-1.21980	2.51050
200.500	.750	.38123	-.09148	.16986	-.21937	.09577	-.04085	15.02000	15.03100	-1.20910	2.43230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL35) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1412/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.37019	.05594	-.02980	14.98300	15.03000	-1.15670	2.40810
.669	100.720	.28080	-.08178	.15817	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.535	200.890	.24739	-.06801	.16098	-.39815	.09247	-.03149	14.98700	15.05100	-1.19360	2.29810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL35) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1413/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.681	200.750	.23709	-.05700	.16571	-.38403	.09978	-.03390	14.99900	14.98000	-1.19180	2.40550
51.066	100.670	.27414	-.07139	.15977	-.34329	.08622	-.02952	15.01100	14.99400	-1.21500	2.43490
49.919	.838	.30897	-.09427	.15806	-.24770	.05584	-.02428	14.98900	14.97200	-1.16820	2.47930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1414/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.310	.712	.29218	-.07880	.16249	-.22488	.05646	-.01963	15.00000	14.98600	-1.18870	2.47640
99.989	100.730	.26969	-.06689	.16586	-.33522	.08737	-.03306	14.99100	15.06700	-1.19310	2.40430
99.503	200.670	.26308	-.06927	.17137	-.36323	.10323	-.04161	14.97900	15.00300	-1.17340	2.42520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1415/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.850	200.550	.31668	-.09578	.17135	-.30997	.10168	-.04812	15.00400	14.95400	-1.23660	2.56240
200.260	100.780	.35494	-.09264	.16652	-.24203	.08968	-.03922	15.03600	14.96400	-1.22380	2.50330
199.850	.644	.33820	-.09751	.17266	-.23536	.08753	-.03581	14.96600	15.00700	-1.16860	2.46060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL36) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1416/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.704	.133	.22597	-.08089	.18680	-.35713	.10765	-.04028	14.99900	15.04000	-1.21450	.30539
.205	100.280	.21804	-.07278	.18440	-.35936	.10293	-.04020	15.00600	15.02700	-1.23140	.31391
-.471	200.180	.19608	-.07021	.18149	-.34785	.10395	-.03880	14.97600	14.99700	-1.20180	.33839
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL36) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1417/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.737	200.210	.23204	-.06936	.18550	-.29121	.10956	-.04296	15.02900	14.93800	-1.23990	.41750
50.424	100.120	.24602	-.07335	.18677	-.29227	.11002	-.04436	14.99900	15.01200	-1.20980	.35064
49.886	.193	.25920	-.08149	.19088	-.30939	.11152	-.04555	14.99100	15.02600	-1.18960	.34415
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1418/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	.103	.32142	-.07456	.19377	-.21758	.11203	-.04802	14.99600	15.03600	-1.18520	.34999
99.408	100.130	.29130	-.06766	.19503	-.21593	.11980	-.04879	14.97500	14.99500	-1.16900	.38722
99.796	200.170	.27862	-.06366	.19236	-.22519	.11601	-.04788	14.99100	15.03100	-1.18610	.34569
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1419/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.230	199.750	.43415	-.05536	.20173	-.15597	.13244	-.05552	14.99600	15.00000	-1.18100	.41323
200.340	100.230	.43060	-.04574	.20751	-.14938	.13817	-.05598	15.00600	14.99600	-1.19280	.42533
200.140	.167	.42653	-.04311	.21703	-.16585	.13675	-.05466	14.98900	15.04000	-1.17930	.38511
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL37) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1420/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.739	.231	.26629	-.08582	.19047	-.38320	.09323	-.03920	14.99800	15.05300	-1.21120	.28091
-.178	200.210	.22532	-.07823	.18987	-.40002	.11264	-.04144	14.98100	14.99600	-1.20060	.34490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL37) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1421/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.037	200.080	.23425	-.07692	.19012	-.33635	.10765	-.04252	15.00200	14.94700	-1.20780	.41116
50.417	100.130	.24803	-.07747	.19304	-.32520	.09949	-.04159	15.01000	15.01700	-1.21300	.34545
50.423	.173	.25805	-.07449	.19551	-.32579	.10058	-.04084	15.00900	15.00800	-1.20870	.34985
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1422/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.040	.134	.30316	-.07488	.20159	-.29724	.11504	-.04934	15.03300	14.95000	-1.21930	.46291
99.247	100.050	.27727	-.07528	.19759	-.27645	.11166	-.04527	14.97100	14.99700	-1.15810	.38467
99.831	199.930	.27132	-.07970	.19413	-.28379	.10948	-.04631	14.97900	15.01500	-1.16990	.36330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1423/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.760	200.000	.38004	-.06919	.20704	-.21177	.14120	-.05876	14.98500	15.01200	-1.16880	.41654
200.770	100.100	.39662	-.06804	.21136	-.20418	.14188	-.06006	15.01000	15.00000	-1.19920	.43970
200.170	.072	.39426	-.06662	.21668	-.22246	.13636	-.05797	14.99000	15.04200	-1.18350	.41284
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL38) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1424/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.013	.192	.30373	-.08908	.16136	-.34619	.07872	-.02926	15.00500	15.01000	-1.21450	.39755
-1.167	100.160	.25290	-.07591	.17096	-.40284	.09326	-.03413	14.95900	15.04600	-1.16750	.32225
-.943	200.070	.22655	-.07973	.17883	-.40288	.09923	-.03582	14.95400	14.99600	-1.16070	.37492
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL38) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1425/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.111	200.160	.23240	-.07192	.17997	-.37001	.10684	-.03806	15.00700	14.95600	-1.20030	.43049
50.503	100.140	.24327	-.06686	.18068	-.36522	.09882	-.03536	15.01000	15.02400	-1.20170	.37663
51.384	.159	.28248	-.07321	.17826	-.34172	.09217	-.03466	15.01900	14.99900	-1.21620	.43849
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1426/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.400	.101	.28675	-.06777	.18414	-.30097	.09351	-.03622	15.00300	14.96400	-1.20220	.52718
99.016	100.200	.26844	-.06912	.19079	-.32026	.10893	-.04078	14.97000	15.00300	-1.15560	.43292
99.741	200.220	.26474	-.07681	.18809	-.32742	.11283	-.04462	14.97700	15.01300	-1.16170	.39676
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1427/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.540	200.110	.34628	-.08723	.19568	-.26635	.12440	-.05804	15.04900	14.91900	-1.24690	.59185
200.680	100.100	.34246	-.08275	.19973	-.25820	.11863	-.05556	14.99400	15.01600	-1.21370	.52402
199.660	.179	.35057	-.08431	.18060	-.22959	.10397	-.04250	15.00700	15.01100	-1.19970	.48273
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL39) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1428/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.135	-3.801	.22923	-.08288	.20387	-.37363	.10924	-.04266	14.97900	15.05400	-1.19730	-1.70780
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.581	196.280	.19680	-.06914	.18702	-.36245	.10667	-.04005	14.97700	15.01000	-1.20380	-1.66690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL39) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1429/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.439	196.350	.22168	-.06768	.18718	-.30195	.11179	-.04322	15.02000	14.94000	-1.23210	-1.57940
50.214	96.048	.22702	-.07012	.19047	-.29403	.11041	-.04291	14.99400	15.00100	-1.20600	-1.63360
49.998	-3.792	.24530	-.07701	.20683	-.31637	.11172	-.04627	14.99500	15.03200	-1.19500	-1.66690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1430/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.340	-3.868	.32117	-.07246	.20319	-.24952	.11927	-.05185	15.08100	14.91600	-1.27310	-1.53400
98.742	96.099	.26709	-.06318	.19991	-.22929	.12382	-.04841	14.95400	14.97800	-1.14920	-1.59350
100.230	196.280	.26837	-.06203	.19068	-.23300	.11684	-.04737	14.99700	15.03800	-1.19530	-1.65890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1431/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.040	196.500	.41581	-.05468	.20638	-.16713	.13756	-.05616	14.99600	15.03500	-1.18380	-1.62630
200.380	96.097	.41800	-.04734	.21318	-.15669	.14117	-.05635	15.00600	14.99300	-1.19480	-1.57340
200.170	-3.909	.41588	-.04453	.22375	-.18265	.14320	-.05619	14.99400	15.03400	-1.18650	-1.61820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL40) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1432/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.285	-3.741	.26677	-.08964	.19089	-.38150	.09345	-.03823	14.98600	15.05400	-1.19950	-1.73610
-.427	95.997	.24106	-.08366	.19530	-.39926	.10500	-.04041	14.97600	15.00400	-1.19420	-1.69030
-.096	195.940	.22374	-.07846	.19014	-.38998	.10874	-.03967	14.98800	14.97900	-1.20940	-1.66330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL40) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1433/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.976	196.150	.23007	-.07616	.19200	-.33778	.10662	-.04083	15.00300	14.95500	-1.21070	-1.61260
50.371	96.067	.24495	-.07754	.19703	-.33482	.10608	-.04085	15.00600	15.00800	-1.20960	-1.66690
50.321	-3.798	.25992	-.07990	.19936	-.33301	.10333	-.04231	15.00700	15.01300	-1.20470	-1.66780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1434/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.200	-3.777	.30093	-.07542	.20603	-.29342	.11475	-.04613	15.04100	14.94500	-1.23160	-1.56220
99.284	96.197	.27440	-.07475	.19951	-.29424	.11566	-.04455	14.97000	15.01500	-1.16220	-1.65250
99.717	196.130	.26721	-.07937	.19784	-.28866	.11248	-.04619	14.98000	15.01000	-1.17500	-1.65810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1435/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.070	195.920	.37228	-.06850	.20762	-.20236	.13594	-.05812	14.99000	14.99900	-1.18010	-1.59670
200.890	96.108	.38862	-.06432	.21664	-.20633	.14584	-.05916	15.01000	14.99500	-1.20510	-1.58740
200.040	-3.965	.38339	-.06410	.22455	-.22385	.13512	-.05670	14.98500	15.05500	-1.18310	-1.63660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL41) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1436/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.822	96.041	.25810	-.07599	.16754	-.39393	.09415	-.03380	14.97200	15.04100	-1.18220	-1.68260
-1.262	196.180	.22069	-.07765	.18074	-.40436	.10169	-.03539	14.94600	15.00600	-1.15440	-1.65260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL41) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1437/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.111	196.090	.22214	-.06753	.18160	-.37086	.10313	-.03800	15.00800	14.96700	-1.20430	-1.60010
50.586	96.156	.23252	-.06123	.17953	-.36621	.10030	-.03577	15.01800	15.01600	-1.21440	-1.63090
51.855	-3.736	.29321	-.07636	.17314	-.33797	.09183	-.03473	15.02800	15.00000	-1.23460	-1.56680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1438/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.900	-3.993	.29208	-.06810	.18010	-.31108	.09654	-.03729	15.00600	14.97000	-1.20090	-1.50450
98.645	96.083	.25498	-.06372	.19060	-.32915	.11022	-.04215	14.96000	15.00000	-1.14540	-1.58530
99.719	196.210	.25371	-.07282	.18670	-.32818	.10945	-.04321	14.97600	15.01200	-1.16080	-1.61670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1439/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.470	196.160	.33209	-.08363	.19864	-.26758	.12343	-.05740	15.04500	14.91500	-1.24470	-1.44110
200.880	96.023	.33370	-.07989	.19726	-.26418	.11845	-.05598	15.00400	15.01300	-1.22610	-1.51550
200.460	-4.053	.36698	-.08864	.17952	-.23768	.11075	-.04287	15.02500	14.99500	-1.22030	-1.52620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL42) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1516/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.424	-2.001	.33322	-.12387	.15444	-.28331	.05172	-.02649	14.98500	15.02300	-4.88620	4.40850
-.020	97.714	.35160	-.14149	.15574	-.28304	.05958	-.03181	14.97800	14.99200	-4.87300	4.44980
-.182	198.080	.27899	-.10022	.15879	-.29550	.07214	-.01917	14.99200	15.00100	-4.91570	4.39430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL42) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1517/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.212	197.420	.27014	-.08700	.15763	-.31250	.07524	-.02095	15.00800	15.01700	-4.92850	4.41150
50.224	97.667	.31091	-.10337	.15498	-.25324	.05311	-.02050	15.00700	14.98900	-4.90160	4.45530
50.154	-2.079	.30412	-.09865	.15669	-.26872	.05767	-.02407	14.99500	15.02200	-4.89250	4.40560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1518/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.942	-2.282	.28394	-.08539	.15031	-.22739	.04473	-.01644	15.00000	14.99000	-4.90100	4.44230
100.130	97.780	.28946	-.08820	.15683	-.23676	.04879	-.01457	14.99100	15.01300	-4.89050	4.43200
100.080	198.010	.26284	-.07825	.16088	-.31285	.08079	-.02106	14.98400	15.03400	-4.90520	4.42470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1519/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.530	197.730	.31324	-.08228	.16398	-.23268	.06467	-.02559	15.01400	14.95700	-4.91550	4.48900
201.380	97.739	.35311	-.10045	.15090	-.23833	.06948	-.02633	15.02900	15.00300	-4.93850	4.45260
199.710	-2.404	.32696	-.08981	.15879	-.22921	.07408	-.02754	14.98300	14.98600	-4.89320	4.46440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL43) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1520/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.882	.842	.34759	-.13598	.17154	-.35731	.08520	-.04071	14.99400	15.01200	-4.92900	2.34620
-1.215	100.930	.31271	-.13658	.17452	-.40564	.09591	-.04592	14.95600	15.04400	-4.88290	2.28290
-.621	200.910	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL43) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1521/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.810	200.660	.23869	-.08255	.18581	-.37523	.10540	-.04028	15.01200	14.97200	-4.92910	2.36520
50.851	100.700	.26437	-.08603	.18498	-.36806	.10443	-.03934	15.01600	15.00300	-4.93300	2.33620
51.395	.781	.30970	-.10132	.17732	-.35382	.09326	-.03853	15.01600	15.02000	-4.94040	2.35270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1522/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.150	.781	.29659	-.08037	.18266	-.31820	.09556	-.03737	15.01200	14.96500	-4.93230	2.44320
99.106	100.790	.26506	-.07070	.19393	-.33431	.11017	-.03934	14.97400	15.00000	-4.88420	2.36200
99.997	200.810	.26556	-.07720	.18854	-.33584	.11525	-.04155	14.98400	14.99900	-4.89500	2.35050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1523/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.230	200.820	.35030	-.08889	.19286	-.26305	.12445	-.05395	15.05300	14.90900	-4.96680	2.51890
200.260	100.860	.34083	-.08124	.19988	-.25087	.11696	-.05133	14.99200	15.01300	-4.91260	2.43840
200.380	.696	.36244	-.08816	.16048	-.21348	.08895	-.03355	15.01700	15.02900	-4.91600	2.39370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL44) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1524/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.528	.878	.31832	-.11831	.16721	-.26822	.04826	-.02462	14.98500	15.03000	-4.88890	2.40040
.573	100.900	.32212	-.12988	.15996	-.33174	.08824	-.03643	14.97800	14.99600	-4.91130	2.39940
-.458	201.010	.27220	-.09888	.16102	-.39503	.09484	-.03570	14.99700	15.06900	-4.93080	2.28990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL44) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1525/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.707	200.680	.24111	-.07087	.16435	-.37351	.09434	-.03263	15.00800	14.98000	-4.93250	2.40470
51.074	100.850	.28601	-.08895	.15634	-.33079	.08687	-.02904	15.01000	14.98000	-4.93310	2.46140
49.693	.694	.30046	-.10152	.16658	-.25419	.05348	-.02505	14.98400	14.99700	-4.88910	2.43450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1526/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.170	.792	.29230	-.08876	.16099	-.25168	.06347	-.02160	15.01200	14.98600	-4.91830	2.45480
100.460	100.790	.26870	-.07397	.16021	-.32465	.08766	-.02968	14.99700	15.04000	-4.92470	2.41840
99.240	200.790	.23686	-.06261	.17466	-.36440	.10609	-.03748	14.97600	15.01600	-4.89910	2.40220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1527/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.520	200.700	.29992	-.09131	.17436	-.29200	.09591	-.04525	15.00600	14.94900	-4.94550	2.55020
200.280	100.580	.33426	-.08882	.16184	-.23431	.08496	-.03456	15.03800	14.96700	-4.93550	2.47600
200.590	.716	.34037	-.09242	.17147	-.22085	.08295	-.03092	14.98600	14.99900	-4.90220	2.44870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL45) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1528/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.282	200.310	.22546	-.07238	.18213	-.30781	.11680	-.04214	14.95800	15.06800	-4.87780	.27133
50.484	.227	.25367	-.08762	.20144	-.34807	.12905	-.04898	14.99500	15.04100	-4.91010	.30187
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL45) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1529/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.500	.273	.32001	-.07935	.19438	-.26451	.13268	-.04760	15.08100	14.91200	-4.99840	.45520
99.185	100.260	.25914	-.05919	.20175	-.23255	.12825	-.04560	14.96500	14.98700	-4.89610	.37722
100.060	200.510	.26925	-.06316	.18941	-.24316	.12243	-.04484	15.00500	15.05400	-4.92690	.30166
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1530/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.750	200.230	.41245	-.04976	.20444	-.15866	.12967	-.05241	14.98300	15.01000	-4.88850	.37718
200.470	100.140	.41533	-.04130	.20814	-.15674	.13409	-.05188	15.01900	15.00100	-4.92690	.39139
200.420	.273	.40733	-.04212	.20582	-.15251	.13407	-.04591	14.98400	15.00400	-4.90780	.39977
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL46) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1535/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.330	200.260	.24521	-.08677	.18615	-.35457	.11423	-.04250	14.99000	15.04500	-4.91420	.31574
49.512	100.210	.23699	-.09247	.19047	-.35556	.10706	-.04290	14.96600	15.02800	-4.88480	.33222
50.903	.062	.27344	-.10305	.18933	-.33904	.09837	-.04200	15.01000	15.00500	-4.92710	.35311
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1536/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.020	.045	.29920	-.08901	.19189	-.30861	.11026	-.04442	15.04100	14.94900	-4.94790	.44474
99.316	100.270	.25734	-.07449	.19530	-.30056	.11503	-.04244	14.97300	14.99400	-4.88240	.38016
99.938	200.220	.25224	-.07791	.18967	-.30125	.11311	-.04296	14.98200	15.01700	-4.89540	.35009
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL46) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1537/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	200.260	.35730	-.06851	.19742	-.20923	.12974	-.05312	14.99500	15.00700	-4.89580	.39780
200.490	100.180	.36586	-.06528	.20610	-.21450	.13214	-.05315	15.00600	15.01500	-4.91010	.40434
200.310	.090	.37100	-.06664	.21085	-.23567	.12578	-.04929	14.99100	15.04800	-4.89690	.38064
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL47) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1538/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.175	200.210	.23678	-.08293	.17607	-.37189	.10709	-.03805	14.99200	15.04300	-4.90620	.33718
50.680	100.190	.25727	-.08703	.17099	-.36940	.10182	-.03754	15.00600	15.02000	-4.92080	.37563
51.549	.333	.31533	-.10705	.16329	-.34459	.09423	-.03931	15.02200	15.00400	-4.94270	.44117
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1539/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.260	.161	.30453	-.08845	.16215	-.30685	.08978	-.03385	15.01700	14.97700	-4.93520	.50845
98.421	100.280	.24744	-.07100	.18327	-.33290	.10536	-.03652	14.95600	15.01100	-4.86340	.40479
100.080	200.080	.24961	-.07645	.17690	-.33959	.11230	-.04037	14.98700	15.00100	-4.89590	.39764
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1540/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.220	200.180	.32922	-.08605	.18538	-.26956	.12068	-.05214	15.05100	14.91600	-4.96440	55530
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.510	-.052	.34932	-.08369	.16295	-.21384	.09660	-.03508	15.02200	14.99000	-4.92120	.47865
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL48) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1541/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.415	196.120	.20472	-.07392	.18381	-.32360	.11592	-.04395	14.95800	15.07200	-4.88190	-1.73590
49.741	96.282	.20888	-.08104	.19051	-.35169	.12310	-.04695	14.98000	15.03500	-4.89940	-1.69580
51.039	-3.815	.25563	-.09265	.19751	-.34971	.11805	-.04604	15.01900	15.02300	-4.93640	-1.68400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1542/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.550	-3.998	.30145	-.08014	.19865	-.28299	.11951	-.04855	15.05600	14.93000	-4.96230	-1.58010
99.320	95.997	.25425	-.06515	.19185	-.25600	.12503	-.04611	14.97000	14.96800	-4.88070	-1.61630
99.978	196.060	.24165	-.06211	.18922	-.25918	.12490	-.04495	14.98400	15.01100	-4.89980	-1.66270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1543/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.040	196.230	.37258	-.05007	.19770	-.16400	.12997	-.05157	14.98900	15.01100	-4.89060	-1.63560
200.580	95.933	.37937	-.04582	.20271	-.17168	.13886	-.05228	15.00500	14.99200	-4.90860	-1.60900
200.120	-3.978	.37907	-.04367	.21489	-.17924	.13441	-.04989	14.99400	15.02600	-4.89940	-1.63550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL49) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1544/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.132	196.100	.23433	-.08212	.18960	-.36526	.11865	-.04345	14.98400	15.05400	-4.90810	-1.74090
50.822	96.091	.27241	-.09453	.19085	-.35586	.10943	-.04318	15.01100	15.02200	-4.92920	-1.71070
49.924	-4.080	.27429	-.09932	.19658	-.34802	.10076	-.04421	14.98600	15.01900	-4.90100	-1.70040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL49) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	11.000	BETAB =	13.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1545/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.000	-4.016	.30435	-.09339	.18914	-.30989	.10908	-.04531	15.03400	14.95200	-4.93970	-1.59980
99.553	96.098	.27130	-.08082	.19285	-.29403	.11361	-.04111	14.97700	14.98500	-4.88540	-1.65430
99.855	196.070	.25325	-.07749	.19009	-.30326	.11450	-.04268	14.98000	15.02000	-4.89350	-1.69220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1546/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.010	196.100	.35388	-.06792	.19933	-.21960	.13859	-.05460	14.99400	15.00100	-4.89640	-1.64090
200.480	96.331	.36197	-.06381	.21129	-.21823	.13562	-.05301	15.00400	15.02400	-4.91010	-1.65110
200.090	-3.936	.36163	-.06518	.21702	-.24420	.12598	-.04891	14.98500	15.06600	-4.89220	-1.68640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL50) (02 FEB 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1097.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	450.0000 IN. ZT
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	11.000	BETAB =	13.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1550/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.654	-4.092	.28831	-.10509	.16423	-.30188	.08709	-.03180	14.98100	14.96200	-4.89370	-1.56170
.206	96.096	.30827	-.12868	.16384	-.40919	.10202	-.04537	14.97200	15.09900	-4.89670	-1.76830
-1.256	196.610	.23357	-.09735	.17169	-.40417	.10241	-.03629	14.96900	15.03200	-4.90000	-1.71010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1547/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.558	196.220	.24451	-.08356	.17649	-.37627	.10931	-.03713	15.00100	15.04600	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.02300	-4.91860	-1.67640
51.542	-3.892	.30609	-.10055	.16460	-.33459	.09030	-.03629	15.02100	14.99500	-4.94260	-1.60260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL50) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1548/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.040	-3.928	.28790	-.08389	.15935	-.30133	.08689	-.03344	15.00600	14.98200	-4.92660	-1.55800
99.109	96.014	.25066	-.06967	.17703	-.33833	.11082	-.03831	14.97600	14.99700	-4.88670	-1.63510
99.584	196.120	.23854	-.07269	.18077	-.34170	.11231	-.03976	14.97500	15.01400	-4.88370	-1.66460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1549/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.520	196.080	.32614	-.08405	.18478	-.26510	.12119	-.05229	15.06100	14.90400	-4.97600	-1.49300
200.320	96.116	.31753	-.07580	.19164	-.26810	.11856	-.05022	14.99500	15.02200	-4.91870	-1.58690
200.540	-3.886	.35326	-.08716	.16568	-.23039	.10774	-.03831	15.01700	14.99500	-4.92020	-1.57880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL51) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1661/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.020	-2.542	.33199	-.12910	.15523	-.24064	.05755	-.02245	14.96300	15.00600	-8.84390	4.40250
101.260	97.567	.38026	-.14790	.14182	-.22779	.06308	-.03092	15.01300	14.98800	-8.89790	4.42110
99.441	197.660	.28354	-.09642	.15035	-.30535	.08552	-.02499	14.99500	15.04800	-8.89860	4.37710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1662/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.600	197.080	.29228	-.08720	.15584	-.21618	.05855	-.01379	15.01100	14.95600	-8.88230	4.44460
151.100	97.805	.31392	-.08991	.14721	-.24470	.06834	-.02110	15.01600	15.02800	-8.89920	4.38510
149.820	-2.257	.30371	-.09140	.15191	-.22215	.05342	-.01976	14.97500	15.02400	-8.85920	4.39200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL51) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1663/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.550	-2.389	.30720	-.08173	.15439	-.20980	.05457	-.01896	15.01700	15.00000	-8.90440	4.42030
200.200	97.595	.32618	-.09289	.15422	-.22028	.06759	-.02375	14.99300	14.99900	-8.87970	4.42650
199.230	197.770	.30426	-.09359	.15910	-.22898	.06471	-.02198	14.96700	15.03300	-8.85100	4.38080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL52) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1664/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.040	.266	.36492	-.14150	.17214	-.27391	.08290	-.03884	14.97000	15.01700	-8.87930	2.37060
98.430	100.640	.31366	-.13766	.19679	-.35161	.11606	-.05602	14.93100	15.03600	-8.84080	2.32040
100.120	200.640	.26824	-.09460	.18662	-.35059	.12170	-.04648	15.02600	15.00000	-8.93360	2.34140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1665/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.910	200.630	.28724	-.08121	.19296	-.31236	.12099	-.04603	15.03300	14.97400	-8.93440	2.38820
150.320	100.540	.29840	-.08779	.20030	-.31424	.12229	-.04806	14.98800	15.01300	-8.89280	2.36970
151.020	.755	.33242	-.09918	.16743	-.22271	.08090	-.03047	15.02100	15.00800	-8.92260	2.38970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1666/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.780	100.520	.32449	-.07017	.20811	-.26869	.12805	-.04841	14.98000	14.98900	-8.88810	2.41480
199.540	200.840	.32503	-.08264	.20196	-.27870	.13060	-.05146	14.97700	15.03400	-8.88020	2.35380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL53) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1667/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.820	.445	.34615	-.12563	.16098	-.22406	.06576	-.02350	14.99300	15.01300	-8.88420	2.37650
100.320	100.260	.35025	-.13525	.15104	-.22811	.07848	-.03060	15.00700	14.93500	-8.89540	2.45960
100.590	200.650	.26138	-.09237	.16969	-.37058	.10834	-.04143	15.00400	15.02500	-8.92170	2.35970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1668/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.430	200.650	.26397	-.08198	.17611	-.33604	.11187	-.04095	15.01100	14.97200	-8.92710	2.44520
150.900	100.430	.30423	-.08335	.15591	-.22353	.07770	-.02441	15.04200	14.96200	-8.93130	2.43330
150.350	.471	.31262	-.08768	.16455	-.21237	.06414	-.02439	14.99500	15.03300	-8.88820	2.36590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1669/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.370	.550	.30568	-.07495	.17342	-.20441	.07542	-.02509	15.00600	14.98300	-8.90330	2.42520
200.340	100.520	.32432	-.08518	.15952	-.23343	.08825	-.03156	15.00200	15.02100	-8.90020	2.38450
199.240	200.740	.29463	-.09233	.17831	-.30245	.11158	-.04583	14.94800	15.04500	-8.86940	2.40180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL54) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1694/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.771	.136	.34455	-.11884	.20190	-.32072	.13561	-.05662	14.96000	15.06500	-8.88780	.30040
98.911	100.050	.30482	-.11659	.20222	-.31618	.13485	-.05917	14.95800	15.01300	-8.88390	.34776
99.662	200.130	.25001	-.08190	.19771	-.32008	.13211	-.05422	15.00100	15.02700	-8.93070	.33071
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL54) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1695/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.800	200.020	.28615	-.05604	.20975	-.23611	.13261	-.05160	15.06900	14.92100	-8.98990	.45525
150.730	99.946	.31792	-.06934	.21069	-.25821	.14073	-.05267	14.99800	15.02300	-8.91890	.35884
150.550	.195	.34220	-.08027	.21226	-.25506	.13252	-.05019	14.99400	15.03800	-8.91680	.35027
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1696/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.960	-.081	.37617	-.05694	.21472	-.20398	.13017	-.05017	15.06700	14.96000	-8.98770	.44147
199.880	100.080	.35545	-.04224	.21417	-.20365	.13454	-.04988	14.99500	15.00600	-8.91480	.39423
199.810	199.960	.34987	-.04596	.21227	-.19536	.13396	-.05173	14.98100	15.00600	-8.89820	.38541
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL55) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1697/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.370	.032	.33596	-.12045	.20648	-.31406	.12085	-.05292	14.95200	15.05500	-8.88170	.29627
99.409	100.120	.32889	-.13244	.20165	-.33464	.12350	-.06044	14.96800	15.03800	-8.89350	.31095
99.195	200.180	.24848	-.08780	.20086	-.31747	.12308	-.05168	14.99100	15.00100	-8.92010	.33657
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1698/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.570	99.877	.32443	-.08043	.20818	-.27478	.12272	-.05277	14.99500	15.02100	-8.91530	.33833
150.650	.013	.34719	-.09002	.21020	-.27314	.12111	-.05011	14.99900	15.01800	-8.92320	.35391
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL55) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1699/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.340	.100	.36022	-.05950	.22027	-.24571	.12540	-.04899	15.05700	14.97900	-8.97990	.40271
199.710	100.050	.34222	-.05246	.22040	-.24125	.13695	-.05345	14.98500	14.98600	-8.90660	.39191
199.890	200.050	.33938	-.05666	.21407	-.22526	.13732	-.05422	14.98300	14.99700	-8.90230	.37659
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL56) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1700/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.500	-.460	.34946	-.12617	.17404	-.23836	.08602	-.03560	14.98300	14.96600	-8.91510	.43947
99.036	100.130	.30981	-.12305	.19399	-.34924	.12582	-.05522	14.95100	15.05400	-8.89220	.31891
99.447	200.030	.25876	-.08727	.19342	-.34683	.12288	-.04585	15.00600	15.01500	-8.93600	.34062
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1701/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.770	200.110	.28178	-.07885	.19904	-.31072	.12455	-.04572	15.03200	14.97400	-8.95370	.40374
150.720	100.020	.30031	-.08164	.19952	-.31549	.12784	-.04952	15.00800	15.01300	-8.93260	.37705
150.410	-.076	.31662	-.08826	.17519	-.22027	.08483	-.02998	15.00900	15.00000	-8.92170	.40306
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1702/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.810	-.011	.32550	-.07489	.18061	-.20809	.09110	-.03018	15.02600	14.98600	-8.93720	.42165
200.330	99.919	.32584	-.06975	.20840	-.25931	.12610	-.04684	14.99200	14.99200	-8.91660	.41878
199.720	199.980	.32557	-.08004	.20186	-.27473	.12840	-.05100	14.97700	15.02500	-8.89960	.37220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL57) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1685/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.293	-3.900	.31728	-.10061	.20916	-.30116	.13980	-.05450	14.95900	15.09000	-8.88980	-1.75440
99.288	95.968	.29548	-.10695	.20012	-.28741	.13728	-.05899	14.96300	15.00700	-8.89350	-1.67630
99.662	196.160	.24371	-.07209	.19368	-.26586	.13038	-.04815	15.00800	15.00900	-8.93970	-1.67830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1686/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.930	196.020	.28990	-.05152	.19869	-.20480	.13348	-.04997	15.07100	14.94100	-8.99580	-1.59860
150.420	95.948	.31527	-.06454	.20183	-.21097	.14154	-.05149	14.99800	15.00600	-8.92050	-1.66140
150.330	-3.789	.33069	-.07162	.21362	-.22494	.13746	-.05046	14.99100	15.05000	-8.91460	-1.69760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1687/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.290	-4.369	.36958	-.04099	.21928	-.14404	.12815	-.04385	15.08600	14.93400	-9.00570	-1.56810
200.220	95.907	.36533	-.03628	.20578	-.16179	.13618	-.04850	15.00300	15.01800	-8.92380	-1.66190
199.610	195.930	.35872	-.04110	.20697	-.17122	.13419	-.05220	14.97800	15.03100	-8.89700	-1.67800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL58) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1688/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

99.175	-3.988	.31119	-.10638	.21033	-.31447	.12334	-.05021	14.94800	15.04900	-8.87800	-1.71720
99.390	95.781	.30627	-.12201	.20456	-.32249	.12127	-.05894	14.96300	15.02500	-8.88850	-1.70290
100.080	195.900	.25827	-.08450	.19951	-.31158	.12515	-.04855	15.01200	14.98800	-8.94190	-1.66860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL58) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1689/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.180	195.860	.28214	-.06349	.20963	-.26373	.13131	-.04958	15.04700	14.94700	-8.96690	-1.61320
151.080	95.954	.32535	-.07633	.20798	-.29639	.13836	-.05431	15.02000	15.03500	-8.93920	-1.70380
150.580	-4.053	.34487	-.08411	.21391	-.28618	.13216	-.05245	14.99300	15.01800	-8.91530	-1.67630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1690/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.270	-4.089	.35715	-.05855	.22385	-.24745	.13347	-.05013	15.04200	14.96800	-8.96300	-1.61410
199.820	95.868	.34562	-.05648	.21764	-.23448	.13986	-.05152	14.98900	14.98700	-8.90930	-1.63600
199.610	196.250	.33502	-.05774	.21446	-.23106	.13865	-.05342	14.98100	15.03600	-8.89980	-1.68690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL59) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1691/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.943	-3.540	.30194	-.09878	.18849	-.34253	.11415	-.04114	14.98300	15.05900	-8.91580	-1.67870
99.649	95.640	.30017	-.10987	.18908	-.34724	.12074	-.04954	14.97900	14.99700	-8.90660	-1.64980
99.184	196.090	.24059	-.08002	.19437	-.34256	.12047	-.04366	14.98400	15.01000	-8.91120	-1.67340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1692/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.100	195.930	.27296	-.07600	.19492	-.30430	.12605	-.04611	15.02900	14.96200	-8.95280	-1.60890
150.640	95.772	.28041	-.07434	.19814	-.29924	.12251	-.04635	15.00200	15.01200	-8.92970	-1.64040
150.650	-4.142	.30821	-.08311	.16908	-.25284	.10786	-.03446	15.01700	14.99400	-8.92980	-1.61270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, LEFT SRB JET ON (OVTL59) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1693/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.410	-4.124	.30823	-.07193	.18019	-.23327	.10997	-.03724	15.01000	14.98900	-8.92140	-1.60070
200.530	95.956	.31107	-.06494	.20717	-.26717	.12665	-.04733	15.00000	15.01800	-8.92510	-1.62980
199.900	196.020	.31500	-.07652	.19742	-.27156	.13014	-.05111	14.98200	15.01800	-8.90500	-1.64140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR01) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2040/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.682	-2.365	-.15471	-.04258	.14916	-.10797	-.01036	-.00203	-.03052	10.03400	-.93403	4.35430
-.056	97.431	-.17874	-.02291	.15126	-.07284	-.02340	.00091	.00295	10.00800	-.97106	4.37420
1.800	197.510	-.13380	-.00337	.16702	-.05874	-.02862	.00112	.05973	10.01400	-1.03090	4.37050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2041/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.510	197.440	-.09298	-.00728	.15841	-.05830	-.02571	.00030	.03409	10.00900	-.98609	4.33110
99.472	97.350	-.19093	-.01051	.16814	-.07649	-.01727	-.00217	-.02751	10.00600	-.93245	4.35090
100.730	-2.529	-.13206	-.03415	.15607	-.09293	-.00742	-.00487	.01581	10.01300	-.96609	4.34070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2042/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.050	97.384	-.11858	-.01514	.16932	-.12945	-.01550	-.00548	.01205	10.07600	-.95644	4.26810
200.160	197.460	-.10834	-.00265	.17863	-.10952	-.02881	-.00350	.03067	10.02200	-.96747	4.31730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR02) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2043/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.883	.506	-.15515	-.05559	.15458	-.11714	.01586	-.00653	.02189	10.00400	-.98660	2.35150
.066	100.300	-.15800	-.05020	.14171	-.11972	.00643	-.00603	.00493	10.04100	-.97284	2.31850
.863	200.300	-.21794	-.04651	.17005	-.15725	.00811	-.00779	.02443	9.99340	-.97649	2.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2044/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.380	200.360	-.19344	-.04806	.18483	-.17103	.01006	-.00827	.00893	10.02900	-.98735	2.29850
100.820	100.510	-.15090	-.05106	.16970	-.14847	.00401	-.00502	.02472	10.01500	-.99106	2.31980
100.050	.275	-.15416	-.04656	.16984	-.10969	.01316	-.00611	-.00180	9.95450	-.96740	2.38140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2045/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.230	.250	-.02402	-.01731	.18897	-.09216	.01481	-.00624	-.02888	10.02500	-.90873	2.33000
199.750	100.330	-.04946	-.01760	.20280	-.16493	.00264	-.00748	-.00912	10.03200	-.93533	2.30570
199.990	200.210	-.03959	-.02138	.20109	-.16788	.02617	-.01290	-.00177	9.96300	-.94027	2.36690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR03) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2046/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.108	.353	-.15801	-.04303	.15670	-.09663	.00124	-.00341	-.01154	10.00500	-.94886	2.36870
.748	100.250	-.14222	-.03584	.14639	-.08719	-.00235	-.00382	.02358	10.01500	-.98798	2.35460
5.961	200.490	-.22759	-.02021	.18574	-.14486	.00715	-.00667	.15603	10.01700	-1.12450	2.33930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR03) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2047/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.998	200.040	-.17708	-.05409	.16867	-.18779	.00076	-.00983	-.00850	10.06000	-.94294	2.27530
101.910	100.270	-.14708	-.03057	.16047	-.10203	-.00267	-.00443	.05829	9.93270	-1.01480	2.41580
99.540	.298	-.14040	-.04017	.16867	-.09293	.00366	-.00538	-.01452	9.99280	-.93782	2.35900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2048/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.220	.317	-.10132	-.02040	.19145	-.09871	.00231	-.00605	.05115	10.02700	-.98930	2.33070
201.160	100.190	-.06816	-.02199	.16941	-.13132	-.00988	-.00565	.03292	10.07300	-.97806	2.27620
198.020	200.290	-.10394	-.03855	.18923	-.20621	.00066	-.01243	-.07568	10.07400	-.87144	2.28590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR04) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2049/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.586	-.077	-.23517	-.08814	.16656	-.17150	.02246	-.00860	-.03218	10.02800	-.93882	.34107
.541	99.816	-.23953	-.06400	.15210	-.14425	.01295	-.00615	.03788	10.00600	-1.00150	.35956
1.899	199.850	-.17182	-.06176	.15875	-.14886	.01999	-.00986	.06325	10.00800	-1.02270	.30585
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2050/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.920	199.800	-.12365	-.03193	.19245	-.11104	.03270	-.01118	.08347	9.94610	-1.03320	.36970
101.890	99.747	-.05371	-.04360	.17176	-.09158	.02937	-.01013	.03952	9.99860	-.99001	.32991
99.989	-.141	-.06623	-.02838	.16909	-.09419	.05871	-.01425	.00238	9.96190	-.95276	.37843
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR04) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2051/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.220	-.207	.06530	.03974	.17564	-.02023	.05154	-.00748	-.07005	10.00300	-.88170	.32838
199.000	99.668	.06865	.01960	.21960	-.16413	.00378	-.00434	-.02651	10.03900	-.91203	.29834
198.190	199.890	.05923	.01453	.21612	-.15785	.01528	-.00724	-.02244	9.98510	-.87762	.32890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR05) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2052/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.397	-.028	-.21047	-.07391	.17008	-.15502	.01767	-.00804	.00501	9.99900	-.97710	.37080
-.140	99.827	-.23549	-.05011	.15356	-.14662	.01595	-.00861	.01270	10.01400	-.97853	.37016
-.205	199.910	-.21924	-.06104	.16602	-.17489	.01939	-.00952	-.01562	10.04200	-.94697	.30414
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2053/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.724	199.830	-.11653	-.04512	.19004	-.11390	.03572	-.01172	-.02323	10.00400	-.92301	.33570
100.750	100.040	-.13754	-.05343	.17574	-.15453	.01438	-.00725	.02248	10.01000	-.97313	.34045
102.080	-.213	-.07729	-.05178	.17762	-.14411	.01953	-.00885	.06034	9.99510	-1.01990	.36025
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2054/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.470	-.135	.05509	.00820	.20050	-.09117	.04065	-.00919	-.05484	10.03400	-.89790	.33020
199.070	99.465	.04250	.00255	.22135	-.10433	.00948	-.00615	-.03504	10.08700	-.91586	.27450
198.690	199.580	.00694	.00212	.21491	-.13191	.01679	-.00950	-.04463	10.01600	-.90449	.33741
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR06) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2055/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.115	.002	-.15076	-.05732	.16007	-.11799	.01844	-.00737	-.00745	10.01600	-.96011	.37234
-.720	99.835	-.18767	-.04486	.15086	-.12962	.01124	-.00752	-.02248	10.04600	-.94656	.34358
1.998	199.780	-.19669	-.05493	.16597	-.16276	.01326	-.00940	.05915	10.00500	-1.03260	.35203
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2056/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.947	199.680	-.17270	-.05245	.17973	-.18120	.01567	-.01112	.01237	10.02100	-.95834	.31873
100.720	99.780	-.15505	-.05180	.17749	-.15856	.00779	-.00707	.01178	10.00600	-.96609	.35233
100.500	-.291	-.13619	-.05164	.17857	-.11533	.01553	-.00577	.01133	9.94660	-.96605	.42322
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2057/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.510	-.141	-.03186	-.02069	.20146	-.09578	.01365	-.00761	-.01732	10.03400	-.92198	.35058
199.390	99.839	-.04683	-.02355	.20389	-.14964	.00732	-.00806	-.02827	10.09200	-.91871	.28124
199.860	199.970	-.04258	-.02341	.20613	-.18076	.02313	-.01460	-.00592	10.02100	-.93735	.34451
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR07) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2058/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.425	-3.872	-.24984	-.06533	.16669	-.16909	.02607	-.00978	-.05600	10.02100	-.91152	-1.65950
-.325	95.875	-.27540	-.06152	.17129	-.18185	.01889	-.00938	.00376	10.02800	-.96506	-1.68370
2.985	195.730	-.18042	-.05685	.16388	-.15397	.02392	-.01156	.08922	9.96840	-1.04920	-1.63220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR07) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2059/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.820	195.770	-.13172	-.03031	.19876	-.12842	.03166	-.01068	.06922	9.97000	-1.01900	-1.63540
98.763	95.362	-.19112	-.02966	.20746	-.12193	.02659	-.00785	-.01301	9.94520	-.94005	-1.60210
97.988	-4.224	-.28609	.00208	.24059	-.09276	.04824	-.01132	-.09196	9.93940	-.86798	-1.58030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2060/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.710	-4.165	.11711	.04093	.16505	-.04557	.08056	-.01060	-.03421	9.98140	-.91314	-1.63510
199.860	95.742	.12292	.02892	.22930	-.17415	.00530	-.00569	-.01011	10.03200	-.94577	-1.57520
198.690	195.500	.09284	.02709	.22505	-.14841	.01036	-.00592	-.04213	9.95520	-.90709	-1.61000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR08) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2061/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.084	-3.956	-.20983	-.07641	.17505	-.16158	.02131	-.00844	-.02994	10.00600	-.94185	-1.68510
.580	95.778	-.20241	-.06013	.14801	-.15420	.02176	-.00919	.03978	10.00700	-1.00330	-1.67900
-.506	195.810	-.20105	-.06533	.17336	-.18224	.02808	-.01247	-.02694	10.03200	-.93619	-1.73020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2062/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.810	195.780	-.11319	-.04220	.19681	-.11391	.03175	-.01181	.09602	9.93130	-1.04490	-1.63740
100.870	95.898	-.13723	-.05386	.18463	-.16489	.02022	-.00898	.02830	10.01700	-.97952	-1.71480
101.810	-4.111	-.08750	-.04963	.19305	-.15095	.02090	-.00965	.04767	10.00100	-1.00770	-1.69530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR08) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2063/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.570	-4.168	.04442	.01143	.21042	-.09909	.05381	-.01149	-.03946	10.00600	-.91309	-1.69400
199.620	95.914	.01047	.00801	.23617	-.14325	.00440	-.00734	-.03687	10.06800	-.91424	-1.74780
199.560	195.620	.00373	.00567	.22520	-.16298	.02506	-.01114	-.06746	9.98340	-.88205	-1.67460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR09) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2064/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.331	-4.054	-.15359	-.05573	.16420	-.13984	.02790	-.01013	.04542	10.02200	-1.00590	-1.65680
-.403	95.615	-.18393	-.04457	.15508	-.13625	.01688	-.00907	-.04094	10.03500	-.92791	-1.67140
-2.111	195.890	-.24068	-.04336	.18407	-.15730	.01190	-.00902	-.05843	10.05100	-.90738	-1.71730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2065/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.080	195.770	-.18342	-.05369	.18881	-.17883	.01592	-.01083	.03012	10.03100	-.98596	-1.70120
101.070	95.827	-.15295	-.05421	.18273	-.16294	.01633	-.00847	.01499	9.99970	-.97670	-1.66020
101.660	-4.343	-.08740	-.06186	.17716	-.11883	.02470	-.00756	-.00161	9.94010	-.95741	-1.59240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2066/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.660	-4.276	-.00959	-.02430	.20981	-.10803	.02705	-.00946	-.00960	10.00000	-.93295	-1.63080
199.860	95.784	-.03454	-.02244	.21559	-.16126	.00975	-.00892	-.02759	10.02500	-.92196	-1.67190
199.960	195.850	-.02736	-.02551	.21171	-.20172	.03027	-.01559	.00937	10.01600	-.95520	-1.66700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON   (OVTR10)   (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = 10.000
ALPHAB = -4.000   BETAB = 14.000
Y = 200.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 2103/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.947	-2.600	-.14748	-.05173	.16387	-.09574	-.01680	-.00026	-.03573	10.02100	-4.92570	4.35560
-.492	97.281	-.18281	-.03661	.16077	-.08819	-.02004	-.00070	-.02166	10.01500	-4.94550	4.36340
2.545	197.430	-.11646	-.02177	.15532	-.07519	-.02759	.00111	.08422	10.01600	-5.05280	4.36430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2104/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.165	197.330	-.12055	-.01146	.16425	-.08047	-.02274	-.00100	-.00069	10.01000	-4.94020	4.32860
98.677	97.344	-.14487	-.03442	.15453	-.10678	-.01928	-.00329	-.06615	10.03700	-4.87940	4.29830
99.788	-2.547	-.15241	-.03127	.17491	-.09937	-.00640	-.00357	-.01768	9.97720	-4.93020	4.36440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2105/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.530	-2.654	-.14260	-.01128	.18916	-.10661	.00489	-.00694	.03390	10.00200	-4.97240	4.34360
199.480	97.302	-.13185	-.02276	.17243	-.12703	-.01755	-.00411	-.01017	10.00400	-4.92760	4.33050
200.910	197.390	-.11061	-.01198	.17461	-.13018	-.02467	-.00374	.02714	10.03400	-4.96750	4.29550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON   (OVTR11)   (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = 10.000
ALPHAB = -4.000   BETAB = 12.000
Y = 100.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 2106/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.621	.484	-.19120	-.05411	.17446	-.13795	.01770	-.00981	-.02234	10.02900	-4.93360	2.31560
.025	100.240	-.18383	-.06222	.15448	-.13028	.00090	-.00619	-.00711	10.04600	-4.94950	2.30540
-.212	200.530	-.20610	-.04640	.16613	-.14992	.01471	-.00794	-.00742	10.02300	-4.95410	2.31740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR11) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2107/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.971	200.230	-.18303	-.04972	.18338	-.14594	.01067	-.00717	.00298	10.01800	-4.94880	2.29740
100.840	99.997	-.16458	-.04931	.16357	-.11633	.00325	-.00341	.01711	9.98900	-4.96830	2.34380
100.460	.291	-.14451	-.04526	.17860	-.11233	.02215	-.00781	.01652	9.97130	-4.96450	2.35820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2108/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.370	.641	-.05453	-.00867	.19778	-.10277	.03432	-.01126	-.02062	10.05000	-4.91650	2.29290
199.900	100.260	-.04938	-.01085	.21004	-.14204	.00349	-.00554	-.00848	10.00800	-4.93150	2.32340
199.740	200.480	-.04351	-.01877	.20726	-.18144	.01513	-.01195	-.01645	10.04000	-4.92040	2.28160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR12) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2109/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.049	.340	-.13582	-.05761	.16358	-.11579	.00441	-.00531	.02663	10.01200	-4.98120	2.33630
-.043	100.240	-.13755	-.05746	.15074	-.10312	-.00494	-.00367	-.00764	10.02100	-4.95100	2.33270
-.568	200.350	-.19530	-.01942	.17244	-.09032	-.00356	-.00261	-.01053	10.00100	-4.95390	2.35840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2110/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
102.210	100.220	-.13932	-.04932	.15928	-.10997	-.00975	-.00430	.05829	9.98190	-5.01070	2.34350
99.623	.339	-.14950	-.03961	.18220	-.11480	.01073	-.00551	-.01283	9.98040	-4.93510	2.34630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR12) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2111/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.520	.191	-.09945	-.01846	.20251	-.08475	.00902	-.00439	.07375	9.97980	-5.00890	2.35820
199.840	100.220	-.10320	-.02282	.18515	-.13600	.00141	-.00602	-.00543	10.08800	-4.93610	2.23990
199.290	200.380	-.10027	-.03467	.19839	-.20187	.00453	-.01120	-.02658	10.08300	-4.90920	2.23560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR13) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2112/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.436	-.129	-.23564	-.09034	.17951	-.16489	.02545	-.01199	-.01492	9.99230	-4.95370	.36713
.254	99.756	-.23669	-.07959	.15373	-.14692	.01717	-.00884	.02367	10.01400	-4.98620	.34791
-.528	199.750	-.26183	-.05257	.17763	-.14410	.02055	-.00983	.00811	10.00400	-4.95920	.33306
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2113/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.320	199.790	-.12816	-.03788	.19310	-.08788	.02828	-.00879	-.01828	9.99000	-4.93030	.33501
98.937	99.809	-.22720	.02180	.18549	-.11858	.03802	-.00899	.00547	10.03300	-4.95710	.30821
100.100	-.307	-.06218	-.02189	.18135	-.05668	.05986	-.01577	-.00558	10.01200	-4.94690	.33536
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2114/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.600	-.146	.07051	.03757	.16190	-.02960	.06452	-.01219	-.02344	10.02700	-4.92310	.31269
199.950	99.754	.07122	.02550	.22231	-.15553	.00866	-.00420	-.00594	10.03400	-4.94780	.31533
199.130	199.970	.05143	.02007	.21730	-.16986	.01742	-.00689	-.03272	10.02150	-4.92150	.32235
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR14) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2115/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.793	-.123	-.16668	-.08902	.17335	-.17121	.02414	-.01238	.00894	10.03000	-4.97700	.29433
-1.064	99.724	-.21103	-.07867	.15185	-.15418	.00991	-.00912	-.02042	10.03000	-4.94540	.30948
-.091	199.760	-.22245	-.06019	.16623	-.16643	.01958	-.01002	.01707	10.00500	-4.97790	.31780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2116/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.028	199.830	-.13622	-.04005	.19278	-.11061	.03809	-.01225	-.03833	10.00700	-4.91250	.30485
99.076	99.773	-.15865	-.04996	.18711	-.10835	.02105	-.00710	-.04993	10.05200	-4.90290	.26689
102.320	-.358	-.09282	-.03828	.20317	-.04954	.03351	-.00813	.06809	9.91540	-5.02260	.39970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2117/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.080	-.216	.05796	.02418	.19598	-.04175	.05809	-.01147	.00337	10.00100	-4.95230	.32743
199.800	99.704	-.00481	.01600	.22182	-.00867	-.08596	.00882	-.02041	10.07300	-4.93150	.25706
200.290	199.640	.02852	.00544	.21459	-.10000	.01505	-.00743	.02845	10.02000	-4.97910	.29841
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR15) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2118/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.890	99.689	-.18352	-.06491	.15419	-.14942	.01381	-.00885	-.02789	10.03200	-4.93870	.32465
-.473	199.720	-.21626	-.04766	.16832	-.14038	.01489	-.00852	-.03184	9.99320	-4.93800	.35278
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR15) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2119/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.280	199.850	-.18708	-.04879	.18728	-.16152	.01728	-.01024	.01292	10.03600	-4.96910	.29425
100.490	99.647	-.18307	-.04861	.17226	-.14146	.01224	-.00711	.00382	10.00100	-4.96550	.33783
101.350	-.393	-.13315	-.04591	.19259	-.11598	.02583	-.00778	.03954	9.95780	-4.99690	.36278
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2120/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.390	-.356	-.07218	-.00839	.21347	-.10354	.02301	-.00701	-.02863	10.02800	-4.91850	.33170
200.630	99.846	-.04295	-.01144	.21778	-.16040	.01574	-.00935	.01808	10.10000	-4.96750	.24178
199.510	199.840	-.04455	-.01616	.21653	-.17292	.01567	-.01203	-.00576	10.03500	-4.94050	.29869
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR16) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2121/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-1.451	-4.031	-.21840	-.09425	.18911	-.18743	.02048	-.01367	-.05870	10.03700	-4.89830	-1.67620
-.205	95.774	-.24309	-.08202	.15260	-.16368	.01254	-.00901	.01049	10.00500	-4.97560	-1.64380
1.447	195.640	-.20678	-.06040	.17063	-.14250	.02079	-.01102	.06146	9.96500	-5.01970	-1.61270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2122/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.480	195.670	-.13884	-.03751	.20420	-.12930	.03551	-.01084	.08806	9.96700	-5.04380	-1.61730
100.640	95.743	-.18788	-.05255	.21145	-.15621	.01558	-.00859	.00649	10.02700	-4.96480	-1.67670
98.890	-4.165	-.18466	.00592	.21338	-.08415	.06444	-.01355	-.04488	10.02000	-4.91240	-1.66420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR16) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2123/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.840	-4.253	.10152	.04533	.15948	-.03215	.07229	-.01146	-.06528	10.01200	-4.88390	-1.65820
199.770	95.793	.11233	.03848	.23618	-.16053	.00874	-.00627	-.01792	10.03000	-4.94200	-1.67400
199.550	195.710	.10910	.02645	.22296	-.16731	.01643	-.00687	-.02909	10.00900	-4.93020	-1.65870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR17) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2124/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.433	-4.083	-.17559	-.08969	.18350	-.16479	.02322	-.01227	.03429	10.02000	-5.00490	-1.70050
-.624	95.784	-.20525	-.08327	.15231	-.16744	.01926	-.01114	-.03842	10.03200	-4.93050	-1.70330
-.089	195.720	-.22011	-.06212	.16929	-.17677	.02595	-.01140	.05127	10.00100	-5.01450	-1.68300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2125/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.880	195.750	-.13400	-.03940	.19999	-.10603	.02689	-.01051	.05442	9.93830	-5.00800	-1.63070
99.975	95.547	-.12340	-.05130	.19073	-.10787	.02913	-.00907	-.01649	10.00600	-4.93800	-1.68890
100.110	-4.155	-.13102	-.03108	.22537	-.08712	.05052	-.01006	.00623	9.95510	-4.96020	-1.64310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2126/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
198.530	-4.403	.01415	.02702	.22286	-.03187	.02998	-.00719	-.06865	10.01200	-4.88070	-1.69100
202.240	95.780	.11241	.00311	.22448	-.11269	.04202	-.00498	.09622	10.08100	-5.04910	-1.76070
196.940	195.860	.01256	.00998	.22382	-.13656	.02390	-.01009	-.09981	10.09000	-4.85380	-1.77140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR18) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2127/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.795	-4.095	-.16005	-.06926	.18115	-.16799	.03253	-.01281	-.01458	10.01800	-4.95550	-1.68590
-.836	95.754	-.19139	-.06607	.15675	-.15470	.01751	-.01060	-.02507	10.03600	-4.94580	-1.69740
-.107	195.670	-.20461	-.05302	.17126	-.15081	.02010	-.01012	-.00736	10.00600	-4.96470	-1.67910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2128/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.340	195.780	-.17907	-.05222	.18939	-.16533	.01669	-.01091	.00496	10.04100	-4.96480	-1.72790
99.971	95.943	-.19003	-.04686	.18631	-.15857	.01432	-.00873	-.01727	10.02600	-4.94780	-1.70360
101.310	-4.332	-.13611	-.04834	.20393	-.11786	.02666	-.00848	.03668	9.94500	-4.99640	-1.61730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2129/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.330	-4.259	-.04312	-.01159	.22363	-.10622	.02853	-.00747	-.02616	10.00400	-4.92580	-1.66240
199.700	95.692	-.04824	-.00842	.23427	-.14857	.01508	-.00910	-.03932	10.09000	-4.91400	-1.76430
200.550	195.790	-.01322	-.02027	.21815	-.19152	.03137	-.01463	.02625	10.02800	-4.97680	-1.70640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR19) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1823/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.930	-2.442	.15704	-.04930	.15544	-.25064	-.03792	-.01020	9.98550	10.02300	-4.03280	4.10820
50.717	97.326	.16824	-.05128	.14205	-.24549	-.04912	-.00642	10.00300	10.03500	-4.05650	4.10980
50.432	197.470	.16528	-.04728	.14567	-.25891	-.03844	-.00790	9.99740	10.00600	-4.06500	4.13730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR19) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1824/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.767	197.580	.15350	-.04087	.14658	-.27235	-.04854	-.00449	9.99150	10.05600	-4.05540	4.08720
100.190	97.355	.16413	-.04528	.14297	-.26274	-.05687	-.00435	9.99560	10.02700	-4.04910	4.12890
99.785	-2.447	.16517	-.04502	.15201	-.25338	-.04829	-.00778	9.98980	9.98880	-4.03510	4.15510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1825/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.790	-2.475	.18658	-.04380	.15234	-.26440	-.05676	-.00473	10.01700	10.04800	-4.06380	4.12610
200.380	97.329	.18828	-.04240	.14544	-.31226	-.06174	-.00439	10.00000	10.08300	-4.05300	4.08770
200.680	197.080	.19824	-.04477	.14335	-.32276	-.05767	-.00431	9.99120	9.99250	-4.05220	4.18560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR20) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1826/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.867	-2.506	.14541	-.05217	.14717	-.26383	-.03682	-.01164	9.98020	10.02500	-4.03180	2.06110
51.028	97.418	.15561	-.05146	.13490	-.28081	-.04294	-.00853	10.00800	10.05300	-4.07390	2.02030
49.975	197.730	.14408	-.04460	.14113	-.29468	-.02572	-.00974	9.99030	10.00300	-4.06100	2.03630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1827/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	197.310	.15472	-.03995	.13998	-.31766	-.03685	-.00743	10.01000	10.06300	-4.06640	2.00570
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.000	-2.689	.16213	-.04617	.15064	-.27417	-.04345	-.01131	9.99080	9.96240	-4.03880	2.13910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR20) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1828/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.390	-2.590	.21974	-.03639	.14857	-.26891	-.04090	-.00761	10.06700	10.00100	-4.11950	2.12550
200.050	97.581	.22840	-.03166	.14876	-.32200	-.07423	-.00221	9.98870	10.03200	-4.03940	2.10020
199.860	197.340	.21631	-.02633	.14657	-.35353	-.06018	-.00357	9.99380	10.01900	-4.04170	2.09710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR21) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1829/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.434	-2.586	.16916	-.05400	.15530	-.21476	-.04635	-.00699	9.99740	9.99050	-4.04770	2.12040
50.511	97.315	.16826	-.05284	.13997	-.25554	-.04632	-.00771	9.99730	10.06300	-4.05600	2.05920
50.350	197.580	.15913	-.04663	.14464	-.26116	-.03573	-.00763	9.98770	9.99920	-4.06100	2.15280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1830/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.811	197.500	.15795	-.04090	.14493	-.28468	-.04461	-.00495	9.99890	10.06200	-4.06080	2.06160
99.915	97.519	.15897	-.04522	.14372	-.27431	-.05763	-.00403	9.98930	10.04000	-4.04440	2.08980
99.928	-2.493	.16675	-.04870	.15825	-.24997	-.05437	-.00670	9.98700	9.98140	-4.03270	2.15220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1831/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.190	-2.674	.19063	-.03871	.15798	-.26228	-.05242	-.00475	10.03500	10.02300	-4.08210	2.15670
199.910	97.258	.19791	-.03661	.15015	-.32103	-.07062	-.00201	9.98210	10.02200	-4.03130	2.14520
200.080	197.310	.19133	-.03705	.14797	-.33879	-.05973	-.00411	9.98630	10.00900	-4.04310	2.15570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR22) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1832/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.706	-.126	.14263	-.04470	.14584	-.34031	-.02898	-.01629	9.98650	10.01700	-4.05040	.02891
50.713	99.761	.15987	-.04699	.14447	-.29828	-.03226	-.00792	10.00300	9.97530	-4.07190	.03749
50.572	199.860	.17235	-.04919	.15116	-.30052	-.02855	-.00876	9.99720	10.01400	-4.07500	-.01050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1833/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.200	199.830	.19933	-.03806	.14830	-.37370	-.03467	-.00742	9.99610	10.01000	-4.05770	.01294
100.010	99.951	.20730	-.04028	.15139	-.35008	-.05383	-.00845	9.99240	10.04600	-4.04810	-.01424
99.792	-.556	.19731	-.03822	.13504	-.24539	-.00266	-.01649	9.98460	9.96140	-4.03920	.07617
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1834/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.910	-.146	.23562	-.02596	.12171	-.28282	-.01727	-.01321	10.05900	10.08600	-4.11920	-.04630
201.230	99.826	.31701	-.01319	.16168	-.39289	-.07809	-.00668	10.02600	10.09300	-4.09900	-.04588
199.030	199.810	.29397	-.01074	.15116	-.46052	-.06158	-.00594	9.97710	10.05500	-4.03080	.00836
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR23) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1835/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.99140	10.01500	-4.05320	.04418
50.430	99.913	.13566	-.04432	.13346	-.31480	-.03382	-.00985	9.99550	10.03500	-4.07110	-.00078
51.096	199.930	.18514	-.05360	.15643	-.26515	-.02730	-.01011	10.01700	9.94590	-4.09010	.05467
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR23) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1836/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.500	199.940	.19527	-.04165	.15460	-.32438	-.03223	-.00909	10.02500	10.09500	-4.08810	-.08566
99.511	99.781	.17899	-.04254	.13667	-.34508	-.04319	-.00842	9.98380	10.06400	-4.03970	-.01881
99.798	-.250	.17624	-.03684	.16012	-.31731	-.03768	-.01220	9.98630	9.97360	-4.03410	.08537
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1837/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.570	-.098	.23120	-.02642	.14394	-.27995	-.02869	-.00931	10.07100	9.96250	-4.13190	.07814
199.540	99.866	.24368	-.01811	.17170	-.30758	-.06450	-.00280	9.97770	9.99430	-4.04270	.03906
200.750	199.930	.26931	-.01742	.15237	-.38788	-.05608	-.00388	10.02400	10.09500	-4.08100	-.05608
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR24) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1838/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.373	-.010	.14818	-.04771	.15890	-.26673	-.03760	-.00915	9.99980	10.01100	-4.05300	.09871
50.577	99.763	.14812	-.04901	.14190	-.28782	-.03985	-.00976	9.99680	10.04100	-4.06330	.06788
50.300	199.960	.15049	-.04564	.14469	-.30055	-.02395	-.01025	10.00300	10.00200	-4.07500	.07412
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1839/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.963	199.740	.15400	-.04017	.14725	-.32676	-.03370	-.00749	10.00300	10.06000	-4.06440	.03438
100.170	99.836	.16273	-.04600	.14377	-.32011	-.04682	-.00691	9.99280	10.03400	-4.04990	.07462
99.979	-.228	.16672	-.04404	.16256	-.27203	-.05270	-.00772	9.99240	9.97490	-4.04010	.15259
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR24) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1840/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.060	-.050	.21427	-.03194	.16786	-.28090	-.05249	-.00611	10.05900	10.02900	-4.11100	.12650
200.220	99.812	.23136	-.03470	.15445	-.34379	-.06527	-.00396	9.99210	10.01200	-4.04390	.15187
199.500	199.940	.20259	-.02410	.15361	-.36508	-.05583	-.00478	9.98420	10.02500	-4.03410	.11569
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR25) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1841/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.969	-4.151	.14016	-.04275	.16091	-.33409	-.02995	-.01183	9.98860	9.99540	-4.05480	-2.01780
51.087	95.851	.17006	-.04889	.15512	-.31839	-.02480	-.01071	10.01500	9.98420	-4.08940	-2.02420
50.155	195.890	.16287	-.04635	.15089	-.34039	-.02159	-.01053	9.98980	10.03300	-4.07220	-2.08690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1842/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.586	195.810	.18431	-.03508	.15306	-.40669	-.03965	-.00766	9.97310	10.00800	-4.03620	-1.96090
101.150	95.879	.20455	-.03423	.14064	-.44859	-.05408	-.00783	10.01900	10.00700	-4.08090	-1.93400
98.511	-3.956	.17056	-.03715	.16981	-.35289	-.04818	-.01199	9.94740	9.91440	-4.00070	-1.86200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1843/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.01050	9.98580	10.02400	-4.04450	-1.97760
200.020	96.017	.31723	-.00782	.17417	-.45309	-.08340	-.00703	9.99420	10.03400	-4.07020	-1.97300
199.160	195.790	.30996	-.00888	.15449	-.53296	-.05712	-.00872	9.99350	10.04800	-4.04050	-1.97660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON   (OVTR26)   (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000   BETA = 10.000
ALPHAB = 6.000   BETAB = 8.000
Y = 50.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 1844/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.867	-4.122	.13186	-.04264	.15699	-.31151	-.02902	-.01305	9.98020	10.01000	-4.03950	-1.95220
50.556	95.789	.12967	-.04230	.14089	-.32039	-.03117	-.01157	9.99620	10.03000	-4.07090	-1.98210
51.164	195.610	.17899	-.05274	.15912	-.27923	-.02374	-.01130	10.01300	9.93360	-4.08610	-1.92140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1845/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.730	195.860	.19805	-.04319	.15997	-.31425	-.03394	-.00901	10.02700	10.07600	-4.09230	-2.05130
99.411	95.786	.17571	-.04111	.14977	-.33803	-.04421	-.00796	9.98130	10.06100	-4.04190	-2.00840
99.673	-4.299	.17196	-.03448	.17396	-.32016	-.04062	-.01067	9.98990	9.99000	-4.03580	-1.93120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1846/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.640	-4.222	.22722	-.02602	.15930	-.28442	-.02895	-.00874	10.06800	9.94900	-4.12940	-1.90410
200.060	95.988	.24726	-.01803	.17923	-.33110	-.06059	-.00383	9.99840	10.02600	-4.06400	-1.99340
200.670	195.780	.26494	-.01337	.16043	-.40213	-.05955	-.00345	10.02600	10.09300	-4.08360	-2.04720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON   (OVTR27)   (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000   BETA = 10.000
ALPHAB = 6.000   BETAB = 8.000
Y = 100.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 1847/ 0   RN/L = 1.51   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.457	-4.265	.15531	-.04571	.16029	-.27766	-.03730	-.00882	10.00800	10.04500	-4.06220	-1.95840
50.066	96.081	.14679	-.04777	.14434	-.29071	-.03668	-.00950	9.98640	10.04500	-4.05130	-1.95360
50.504	195.830	.15118	-.04584	.14702	-.29133	-.02740	-.01007	9.99690	9.98720	-4.07110	-1.91180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR27) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1848/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.050	195.880	.15605	-.04020	.14927	-.33069	-.03261	-.00809	10.00700	10.06800	-4.07080	-1.98140
99.980	95.757	.16050	-.04464	.14611	-.31672	-.04598	-.00637	9.99030	10.02500	-4.04750	-1.92770
99.838	-4.277	.16584	-.04550	.16887	-.25776	-.04786	-.00777	9.98580	9.95620	-4.03450	-1.84630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1849/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.990	-4.206	.21360	-.03301	.18092	-.29770	-.04498	-.00680	10.05800	10.05300	-4.10950	-1.91330
200.010	95.816	.22399	-.02959	.16739	-.35220	-.05885	-.00504	9.99530	10.00100	-4.04790	-1.85480
199.910	195.840	.21306	-.02570	.15681	-.38033	-.05206	-.00578	9.99530	10.03300	-4.04760	-1.90310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR28) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1266/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.036	-2.264	-.23379	-.02072	.17041	-.20936	-.02566	-.00889	-10.00000	10.01300	-.21607	4.14120
-.690	97.567	-.26498	-.01395	.16412	-.23465	-.03278	-.00715	-10.02200	10.05800	-.20097	4.10050
-.120	197.570	-.26677	-.00519	.16633	-.25807	-.02395	-.00820	-9.98860	10.01800	-.23267	4.12030
	GRADIENT	.00000	.00000	.00000	.00000	.0000C	.00000	.00000	.00000	.00000	.00000

RUN NO. 1267/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.234	97.673	-.26459	-.01414	.17000	-.26671	-.03565	-.00748	-10.01100	10.01000	-.20377	4.11080
50.934	-2.368	-.22156	-.02044	.17246	-.23410	-.02580	-.01032	-9.97530	9.95860	-.24038	4.18330
	GRADIENT	.00000	.00000	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR28) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1268/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.390	-2.475	-.19585	-.02128	.17278	-.25786	-.02646	-.00995	-9.97630	10.04000	-.23275	4.08600
98.631	97.772	-.23046	-.01415	.16925	-.30394	-.03196	-.01014	-10.02700	10.08200	-.17505	4.03430
98.634	197.690	-.29136	.00968	.17720	-.33596	-.02152	-.01296	-10.01900	10.02300	-.17436	4.07990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1269/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.820	197.760	-.24608	.01800	.19188	-.41755	-.02720	-.01655	-10.00100	10.01800	-.17403	4.11060
199.810	97.691	-.24294	.00992	.19145	-.39489	-.03405	-.01554	-10.01700	10.00500	-.16598	4.10670
200.360	-2.567	-.21794	.00686	.20014	-.32381	-.02950	-.01262	-9.98980	9.92490	-.19597	4.20940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR29) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1270/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.464	.447	-.20356	-.02444	.15621	-.20560	-.01567	-.00723	-9.98480	10.00700	-.19416	2.06090
-.970	100.370	-.24366	-.02314	.15626	-.23205	-.02399	-.00505	-10.03800	10.05500	-.15656	2.02460
-.034	200.500	-.26255	-.01280	.15452	-.25259	-.01970	-.00537	-10.00600	10.02900	-.20267	2.05170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1271/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.933	200.290	-.24761	-.01226	.15311	-.29303	-.02039	-.00707	-9.98740	10.05100	-.20967	2.00770
49.327	100.440	-.25901	-.01302	.15968	-.26744	-.02740	-.00613	-10.02100	10.00300	-.17392	2.06200
51.521	.403	-.19313	-.01172	.15375	-.24185	-.00874	-.00909	-9.93820	9.94450	-.24056	2.11610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR29) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1272/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.210	.235	-.18752	-.00208	.16184	-.26029	-.01535	-.00998	-9.98500	10.04600	-.19469	2.02160
99.310	100.690	-.23906	-.00773	.16116	-.31198	-.03188	-.00726	-10.03100	10.02500	-.14790	2.03670
99.746	200.560	-.25059	-.00311	.15749	-.33903	-.02341	-.00750	-10.00500	10.03000	-.17420	2.01860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1273/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.820	200.490	-.19853	.01796	.18601	-.42948	-.03803	-.01027	-10.00200	10.01300	-.12087	2.00620
200.470	100.460	-.19001	.01665	.18966	-.37246	-.05878	-.00695	-9.99790	9.99790	-.14519	2.06600
199.400	.494	-.15295	.02170	.18686	-.32256	-.02429	-.01221	-10.01300	10.02600	-.15115	2.09420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR30) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1338/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.162	.481	-.22313	-.02293	.17543	-.21437	-.01947	-.01002	-9.99990	10.02900	-.20380	2.07610
-.489	100.390	-.24949	-.01856	.16649	-.23365	-.02436	-.00742	-10.02300	10.04400	-.19321	2.06990
-.411	200.630	-.26794	-.00605	.16886	-.26320	-.01822	-.00847	-10.00600	10.03300	-.21084	2.06170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1339/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.232	100.440	-.23896	-.01880	.16755	-.27074	-.02771	-.00857	-10.01000	10.00900	-.20072	2.07940
50.594	.410	-.20519	-.01957	.17515	-.23065	-.01803	-.01049	-9.97720	9.94450	-.22652	2.15030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR30) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1340/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.150	.401	-.19719	-.01387	.17833	-.24821	-.02257	-.00996	-9.98560	10.04400	-.21458	2.04240
100.020	100.520	-.22830	-.01611	.17165	-.30975	-.02631	-.00969	-9.99780	10.01200	-.19955	2.06690
99.321	200.340	-.25627	-.00049	.16889	-.34017	-.01709	-.01139	-10.00800	10.02300	-.18211	2.04720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1341/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.500	200.460	-.23186	.01726	.19208	-.42443	-.02515	-.01407	-10.01200	10.00500	-.15105	2.07960
200.070	100.490	-.22583	.01206	.19705	-.37052	-.04685	-.01064	-10.01300	9.99750	-.16387	2.08750
201.120	.393	-.17917	.00742	.20119	-.32468	-.03158	-.01202	-9.96680	9.92920	-.21185	2.20170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR31) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1342/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.096	.070	-.22071	-.02973	.15636	-.28620	-.00554	-.01102	-9.94990	10.02000	-.21578	.01905
-1.302	99.959	-.29170	-.02358	.14239	-.31034	-.01496	-.00748	-10.05700	10.06300	-.13922	-.02301
.677	200.070	-.27558	-.01434	.15482	-.33272	-.00863	-.00652	-9.98120	10.02600	-.22111	.01118
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1343/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.490	200.040	-.20760	-.00311	.15837	-.33457	.00060	-.01199	-9.91890	9.99350	-.21424	.00033
49.943	99.898	-.20311	-.00805	.15806	-.32707	-.01173	-.00952	-10.02200	10.03100	-.11863	-.02891
49.867	-.092	-.14057	.00644	.14505	-.26591	.00471	-.01320	-9.99920	10.01000	-.13779	-.00278
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR31) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1344/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.770	-.050	-.13347	.03792	.14118	-.28313	.01468	-.01458	-9.93610	10.01000	-.18789	-.00400
100.100	100.240	-.24102	-.00819	.17608	-.43970	-.05510	-.00071	-10.00100	10.03400	-.12547	-.04758
99.359	199.970	-.26026	.00195	.18194	-.46958	-.04020	.00054	-10.01000	10.01600	-.11147	-.05474
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1365/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.870	200.470	-.15524	.03384	.21320	-.52653	-.03879	-.00681	-10.00100	10.04100	-.10125	-.05359
199.740	100.180	-.14165	.02860	.21445	-.49943	-.07702	-.00314	-9.99890	10.06700	-.09438	-.04757
199.780	-.191	-.06665	.05249	.14571	-.30259	.00302	-.01557	-10.01100	10.02000	-.10971	-.02453
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR32) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1345/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.330	-.025	-.22664	-.01590	.16703	-.24698	.00538	-.01114	-10.00000	10.00900	-.16518	.02145
-.837	100.150	-.27058	-.01997	.16068	-.27561	-.01346	-.00728	-10.05400	10.09800	-.13971	-.04939
.411	200.080	-.26647	-.01395	.15599	-.29804	-.00782	-.00807	-9.97880	10.02700	-.22500	.01654
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1346/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.800	100.070	-.25280	-.01518	.15540	-.32241	-.02654	-.00691	-10.00600	10.01400	-.17543	.01518
50.645	-.018	-.21678	-.01337	.16903	-.27908	-.02150	-.00882	-9.96790	9.95700	-.20370	.07191
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR32) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1347/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.892	-.071	-.13906	.01428	.16406	-.28144	-.00029	-.01310	-10.00400	10.00700	-.14492	.01996
100.290	100.110	-.20380	.00126	.16990	-.35322	-.01879	-.01084	-10.00200	10.02500	-.14868	-.01215
99.402	199.970	-.21192	.00489	.16915	-.37152	-.01129	-.01431	-10.00500	10.01600	-.13164	-.02906
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1348/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.790	200.150	-.16024	.02800	.19565	-.45831	-.02276	-.01270	-10.01000	10.00600	-.09394	-.02317
201.810	100.270	-.10704	.02308	.20238	-.42714	-.03126	-.01009	-9.97880	10.01300	-.14564	.01784
199.390	-.217	-.08109	.04337	.16878	-.30270	.00313	-.01516	-10.02100	10.00200	-.11410	.01250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR33) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1349/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
1.169	.206	-.19351	-.02277	.16936	-.23081	-.00292	-.01110	-9.97350	10.01900	-.20823	.06767
-1.494	99.986	-.25390	-.01720	.16779	-.25109	-.01561	-.00816	-10.05700	10.05200	-.13829	.04184
.023	199.990	-.27072	-.00859	.16471	-.27832	-.00974	-.00895	-10.00200	10.02900	-.20765	.06852
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1350/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.704	200.020	-.26571	-.00818	.16466	-.31472	-.00997	-.00902	-9.99890	10.05500	-.20044	.02271
50.008	99.981	-.25228	-.01170	.16906	-.29616	-.01444	-.00947	-9.99930	10.00600	-.19677	.06905
51.376	.038	-.19233	-.01233	.17000	-.26087	-.00637	-.01267	-9.95350	9.96020	-.23028	.11869
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR33) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1351/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.580	-.046	-.17690	-.00230	.17771	-.27481	-.00588	-.01238	-9.97020	10.02700	-.21242	.05130
100.110	100.120	-.22178	-.01064	.16661	-.33278	-.02630	-.01064	-9.99710	10.01700	-.18780	.06315
99.264	200.090	-.25069	-.00204	.16202	-.36830	-.01307	-.01085	-10.01800	10.02800	-.16432	.03792
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1352/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.830	200.120	-.20814	.02248	.19817	-.45407	-.03163	-.01471	-10.00100	10.01000	-.12972	.03828
200.950	100.020	-.18437	.01944	.20048	-.40617	-.04355	-.01051	-9.98770	9.98940	-.16397	.09909
199.280	-.079	-.14636	.02333	.20340	-.32127	-.01894	-.01346	-10.02100	10.00300	-.14838	.13966
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR34) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1353/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.530	-3.791	-.23861	-.01226	.17167	-.28002	-.00386	-.01054	-9.95590	9.98890	-.19048	-1.96710
-.927	96.066	-.29338	-.01605	.15026	-.30583	-.01904	-.00750	-10.05800	10.08200	-.11986	-2.06990
1.493	196.230	-.24507	-.00619	.16193	-.31651	.00376	-.01399	-9.94150	9.98010	-.23200	-1.96660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1354/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.331	196.080	-.23722	.00497	.17020	-.33074	-.00224	-.01225	-9.97840	10.06700	-.15417	-2.08670
50.057	96.134	-.22683	-.00677	.16185	-.37424	-.01080	-.00867	-10.00800	10.05800	-.13273	-2.07940
51.411	-3.923	-.19855	.02162	.17244	-.29475	.00294	-.01371	-9.92090	9.90090	-.21094	-1.90480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR34) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1355/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
97.291	-4.039	-.12630	.03897	.14402	-.29173	.00775	-.01397	-10.05600	10.04400	-.06658	-2.04950
100.250	96.301	-.23514	-.00611	.18502	-.45924	-.05581	-.00069	-9.99600	10.03100	-.13031	-2.04590
99.654	195.990	-.25448	.00540	.19043	-.48761	-.04090	-.00007	-10.00300	10.01300	-.12678	-2.05070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1356/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.930	196.120	-.13537	.04107	.22138	-.56750	-.05779	-.00756	-9.99580	10.02300	-.11113	-2.05210
199.260	96.116	-.12988	.03795	.21749	-.54402	-.08283	-.00341	-10.00300	10.04100	-.08157	-2.03560
198.680	-4.028	-.07059	.05781	.14650	-.34054	.01213	-.01485	-10.02900	10.02700	-.08567	-2.05030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR35) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1357/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.254	-3.891	-.21762	-.01453	.17165	-.23985	.00110	-.01012	-10.00200	10.00300	-.16447	-2.00640
-1.024	95.957	-.26672	-.01769	.16349	-.28402	-.01017	-.00804	-10.05400	10.07500	-.13843	-2.06030
.570	196.190	-.26261	-.01131	.15795	-.30150	-.00350	-.00820	-9.98610	10.01900	-.21978	-2.00780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1358/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.570	196.080	-.26174	-.00704	.16048	-.36064	-.01015	-.00776	-9.99930	10.09900	-.18975	-2.10620
49.388	96.155	-.26917	-.00921	.16366	-.33194	-.02197	-.00698	-10.02200	10.01400	-.16061	-2.02350
50.032	-3.813	-.25401	-.00116	.18878	-.28274	-.02139	-.00919	-9.98620	9.97200	-.18167	-1.97760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR35) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1359/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.120	-3.961	-.14154	.01817	.17764	-.29458	-.00141	-.01301	-9.99390	10.00500	-.15434	-2.01670
99.851	96.190	-.21063	.00312	.17760	-.35999	-.01634	-.01134	-10.00400	10.01200	-.14700	-2.03620
99.347	196.080	-.22350	.00805	.17612	-.37956	-.00684	-.01361	-10.01700	10.01900	-.12193	-2.06470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1360/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.540	195.970	-.16143	.03017	.20209	-.44098	-.03342	-.00893	-10.01000	10.01600	-.09355	-2.06370
197.900	95.983	-.26573	.06499	.23674	-.38677	-.06698	-.00538	-10.06700	10.01600	-.05747	-2.01960
198.970	-4.217	-.09081	.04824	.18085	-.31962	.00596	-.01548	-10.03000	10.00100	-.10657	-2.01590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR36) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1361/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.549	-3.913	-.22316	-.01508	.18050	-.23427	-.00669	-.01117	-10.02700	10.01400	-.15380	-1.97490
-.322	96.112	-.24251	-.01830	.16547	-.26491	-.01153	-.00892	-10.01900	10.05800	-.17820	-2.01160
-.260	196.090	-.26615	-.00775	.16596	-.28009	-.00863	-.00853	-10.01700	10.02200	-.19184	-1.97540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1362/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.597	196.090	-.26927	-.00522	.16630	-.32537	-.01084	-.00985	-10.00500	10.07100	-.19331	-2.04350
51.524	-3.942	-.18693	-.00964	.17337	-.25903	-.00806	-.01143	-9.93520	9.93730	-.24843	-1.90170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR36) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1363/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.370	-4.010	-.17977	.00175	.18738	-.27779	-.01103	-.01288	-9.98170	10.04200	-.20286	-2.00550
99.938	96.211	-.23597	-.00494	.17649	-.34519	-.02641	-.01042	-10.00500	10.01600	-.17994	-1.98290
99.415	195.990	-.25121	.00022	.16739	-.38101	-.01530	-.01094	-10.01300	10.02100	-.16836	-1.99930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1364/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.680	196.150	-.20939	.02561	.20175	-.45800	-.03331	-.01266	-9.99850	10.00500	-.12765	-2.00820
201.320	96.080	-.17101	.02046	.20484	-.41120	-.04989	-.01145	-9.97870	9.99380	-.17251	-1.95820
199.090	-3.909	-.15041	.03157	.21426	-.33422	-.01828	-.01402	-10.03000	10.00600	-.14156	-1.92240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR37) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1440/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.118	-1.888	.34246	-.10149	.14390	-.33641	-.02849	-.01229	14.99200	15.01500	-.26267	4.11950
.612	97.883	.33826	-.09360	.14486	-.35417	-.02291	-.01183	14.99800	15.02400	-.28416	4.09200
.952	198.010	.34848	-.09651	.15296	-.38453	-.00654	-.01188	14.99500	15.01100	-.31013	4.09520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1441/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.324	197.860	.33285	-.08539	.14788	-.38406	-.01804	-.00997	14.99700	15.03500	-.29023	4.08160
49.581	97.694	.33654	-.08971	.13922	-.35108	-.03101	-.00940	14.99000	15.00000	-.26206	4.13540
49.583	-2.163	.32522	-.08839	.14260	-.33383	-.03583	-.00881	14.98600	15.00300	-.25106	4.15960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR37) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1442/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.180	-2.326	.31997	-.07996	.14544	-.33460	-.03784	-.00603	15.00100	15.01300	-.26654	4.18020
100.250	97.724	.32679	-.08166	.14033	-.35993	-.03977	-.00746	14.99800	15.04100	-.26315	4.13320
100.240	197.960	.31840	-.07541	.14130	-.39103	-.02708	-.00831	14.99500	15.02200	-.26827	4.12320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1443/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.400	197.860	.30351	-.05534	.14582	-.42372	-.04647	-.00762	15.01300	15.08800	-.29290	4.14710
199.750	97.923	.30175	-.06103	.15205	-.38683	-.05266	-.00730	14.97900	14.99000	-.25720	4.24710
199.490	-2.384	.27807	-.06048	.15794	-.33106	-.04163	-.01183	14.96700	14.92400	-.24772	4.30960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR38) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1444/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.511	.764	.29153	-.07549	.13613	-.34979	-.01635	-.01710	14.98300	15.01500	-.28345	2.07220
.627	100.600	.29773	-.07840	.13969	-.37506	-.00610	-.01803	14.99200	15.01300	-.30951	2.06710
-.202	200.670	.28641	-.06950	.15433	-.40748	.00430	-.02052	14.99100	15.02000	-.30481	2.01510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1445/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.206	100.740	.29012	-.07291	.13562	-.40335	-.01608	-.01900	15.00000	15.02300	-.29135	2.08660
49.715	.888	.29639	-.07575	.13629	-.35742	-.03309	-.01738	14.99600	15.00200	-.27201	2.11890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR38) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1446/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	.816	.31739	-.07934	.14851	-.39462	-.03014	-.02217	15.00100	15.05100	-.26310	2.12020
99.872	100.840	.28113	-.06138	.14113	-.42733	-.03130	-.01802	14.99000	15.05300	-.26437	2.09430
100.360	200.920	.28379	-.05834	.15043	-.43925	-.01396	-.02105	14.99200	14.99300	-.27618	2.15330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1447/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.140	200.810	.30798	-.03972	.15195	-.46294	-.03894	-.01344	15.04400	15.09100	-.32079	2.12130
201.130	101.160	.34136	-.04661	.16644	-.43640	-.03710	-.01674	15.00800	14.99700	-.30130	2.20070
199.570	.745	.31583	-.05278	.16421	-.36205	-.01351	-.02349	14.97600	15.02000	-.26673	2.17700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR39) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1448/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.054	.956	.33228	-.09469	.14568	-.34220	-.01922	-.01498	14.99700	15.00500	-.27662	2.08790
1.061	100.790	.34015	-.09410	.14211	-.35482	-.01469	-.01340	15.00000	15.01300	-.30481	2.07700
.427	200.860	.33298	-.08801	.15198	-.38341	.00161	-.01421	14.99400	15.00500	-.31728	2.07030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1449/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.091	200.870	.30823	-.07655	.14801	-.39431	-.01039	-.01219	14.98800	15.05000	-.29103	2.04350
49.824	100.520	.32157	-.08342	.14141	-.36577	-.02370	-.01059	14.99600	15.00600	-.27895	2.09830
49.494	.715	.30973	-.07999	.14467	-.33872	-.03081	-.00946	14.98600	14.99600	-.25348	2.13500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR39) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1450/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	.830	.31045	-.07640	.14954	-.34024	-.02890	-.01148	14.99600	15.01400	-.26190	2.15900
100.320	100.570	.30658	-.06889	.14363	-.37052	-.03723	-.00925	15.00500	15.05700	-.27212	2.08340
100.340	200.810	.30065	-.06752	.14534	-.39935	-.02152	-.01088	14.99000	15.00900	-.27278	2.11890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1451/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.480	200.890	.30334	-.05038	.15175	-.44767	-.04226	-.00991	14.97700	15.01700	-.25417	2.20590
200.640	100.760	.32967	-.06284	.15859	-.41595	-.04428	-.01126	14.99500	14.98400	-.27668	2.24030
200.210	.595	.30652	-.06256	.16279	-.34806	-.02811	-.01758	14.99500	15.01800	-.28073	2.19950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR40) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1472/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.080	.151	.26207	-.06787	.13781	-.43029	.00205	-.02764	14.98700	15.01000	-.32820	.01991
.231	99.778	.26541	-.06648	.13941	-.42730	.00629	-.02269	14.99800	14.99600	-.33749	.00365
1.169	200.140	.29997	-.07098	.14682	-.37199	.00711	-.01932	15.02100	14.94600	-.37167	.06937
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1473/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.545	100.070	.31010	-.06694	.15072	-.41921	-.01412	-.02460	14.97700	15.03400	-.29397	.01160
49.574	.170	.30532	-.06754	.15092	-.42306	-.02434	-.02808	14.98600	15.03500	-.28696	.03772
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR40) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1474/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.790	.131	.36127	-.06452	.15484	-.39574	-.00184	-.03096	15.05300	14.93100	-.35117	.17871
100.540	100.210	.35219	-.06170	.15844	-.44624	-.02729	-.02533	15.00800	14.99700	-.30405	.09074
100.260	199.970	.33839	-.05360	.15626	-.45550	-.01829	-.02119	14.99200	14.99500	-.30065	.07756
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1475/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.490	200.260	.40580	-.02481	.16952	-.52843	-.04097	-.01600	14.98100	15.00700	-.33257	.07819
199.970	100.270	.39631	-.03884	.16961	-.47325	-.00984	-.02279	14.99000	15.01200	-.33552	.07241
200.380	.108	.37430	-.04992	.14317	-.40873	.01214	-.02793	14.99800	15.00500	-.31312	.10958
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR41) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1452/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.151	.402	.26301	-.06693	.14114	-.39228	-.00637	-.02337	14.99100	15.00900	-.31967	.02032
-.111	100.110	.26498	-.06727	.14376	-.41302	.00238	-.02277	14.99500	15.01500	-.31576	-.02510
.669	200.270	.27346	-.06546	.15448	-.43122	.01458	-.02334	15.00400	15.00700	-.33826	-.02842
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1453/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.702	200.280	.28289	-.06099	.14886	-.45144	-.00160	-.02390	15.01700	15.07100	-.32218	-.04327
49.592	100.160	.27422	-.06472	.13694	-.42737	-.01605	-.02379	14.98400	15.01800	-.28076	.03583
50.216	.154	.28466	-.06870	.14706	-.40878	-.02077	-.02628	14.99200	15.00100	-.28809	.06630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR41) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1454/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.980	.247	.34239	-.07027	.16794	-.40351	-.03403	-.02744	15.03800	15.03800	-.31110	.06762
100.160	99.689	.31785	-.06133	.14478	-.44672	-.02815	-.02365	14.99200	15.03500	-.27509	.05558
99.767	200.410	.29754	-.05485	.14132	-.45436	-.01881	-.01977	14.98900	15.01500	-.27862	.07890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1455/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.410	200.280	.37840	-.03045	.16605	-.50454	-.03708	-.01478	14.97700	15.01200	-.30451	.06756
199.990	99.377	.37988	-.04207	.16912	-.44485	-.03287	-.01823	14.97200	14.90500	-.30400	.17153
200.120	-.029	.34137	-.05102	.15595	-.38719	.00078	-.02555	14.98900	15.01200	-.30286	.09058
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR42) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1456/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.394	.403	.30575	-.08116	.14396	-.35049	-.01544	-.01491	14.99300	15.01300	-.28737	.10457
.826	99.974	.31178	-.08710	.14329	-.36992	-.00871	-.01601	14.99000	15.00800	-.31152	.11571
.283	200.110	.31222	-.08114	.15004	-.39415	.00770	-.01822	14.99900	14.99900	-.32046	.09267
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1457/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.946	100.200	.29330	-.07116	.14163	-.39516	-.01648	-.01405	14.99100	15.02200	-.28766	.11190
49.562	.199	.29967	-.07586	.14931	-.35993	-.02578	-.01482	14.98600	14.99100	-.26136	.15415
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR42) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1458/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.040	.166	.30549	-.07304	.15476	-.37530	-.02215	-.01774	15.00200	15.02500	-.26724	.16719
100.330	100.140	.29012	-.06345	.14723	-.41099	-.02555	-.01510	14.99700	15.05800	-.27399	.10915
100.350	200.170	.28286	-.05693	.14489	-.43297	-.01326	-.01410	15.00100	15.01100	-.29052	.14714
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1459/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.330	200.140	.34953	-.04714	.15372	-.46176	-.03605	-.01212	15.07300	15.09100	-.35957	.13018
200.100	100.150	.35113	-.04827	.16983	-.45229	-.03602	-.01698	14.98900	15.00100	-.27831	.23007
200.070	.110	.31911	-.05322	.17022	-.38039	-.00727	-.02450	14.99400	15.01500	-.28477	.21070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR43) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1460/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.224	-3.747	.26406	-.06719	.14519	-.43868	.00080	-.02604	14.99800	15.00800	-.34690	-2.00490
1.098	96.553	.30661	-.07241	.15398	-.38446	.00412	-.02115	15.02300	14.97000	-.37094	-1.96040
.168	196.150	.30277	-.07175	.15137	-.39014	.01299	-.02242	14.99000	14.99500	-.34359	-1.98670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1461/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.869	196.200	.30412	-.06061	.15496	-.45097	-.00695	-.02340	14.99100	15.01400	-.31785	-1.98720
49.947	96.337	.30908	-.06105	.16031	-.44269	-.01068	-.02411	14.99400	15.02100	-.31260	-1.97860
49.441	-3.802	.29922	-.06314	.15945	-.43915	-.02777	-.02616	14.97700	15.04600	-.28360	-1.98690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR43) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1462/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
102.350	-3.528	.38547	-.06858	.16552	-.43850	-.01922	-.03010	15.06600	15.00100	-.36887	-1.90920
99.545	96.133	.34680	-.05793	.16834	-.45222	-.02339	-.02389	14.97300	14.95000	-.27272	-1.87070
100.730	196.120	.34872	-.05517	.15561	-.49993	-.02207	-.02109	15.00100	15.06200	-.31514	-2.00070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1463/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.770	196.420	.43925	-.02161	.16995	-.56563	-.03729	-.01570	14.98900	15.01300	-.34686	-1.93900
198.670	96.034	.41439	-.03305	.18029	-.49605	-.02527	-.02133	14.94600	14.90800	-.29714	-1.83560
200.370	-4.005	.38870	-.04730	.14122	-.42573	.01726	-.02861	14.99800	15.02000	-.31013	-1.92080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR44) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1464/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.476	-3.794	.27203	-.07322	.14631	-.38584	-.00641	-.02145	14.97600	15.02000	-.30126	-1.98290
.196	95.855	.27369	-.07143	.14470	-.41452	.00798	-.02276	14.99700	15.00400	-.31958	-2.00910
.687	196.050	.27941	-.06838	.15587	-.43309	.01972	-.02308	14.99800	15.00100	-.33334	-2.03010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1465/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.519	96.040	.26912	-.06625	.14532	-.43812	-.00851	-.02246	14.98100	15.02600	-.28413	-1.98120
50.055	-3.772	.28056	-.07123	.15955	-.42280	-.02233	-.02521	14.99000	15.02600	-.28887	-1.96540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR44) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1466/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.860	-3.746	.33033	-.06773	.17762	-.41262	-.03443	-.02561	15.04300	15.02800	-.31642	-1.92860
100.130	96.639	.30719	-.05953	.15182	-.45576	-.02907	-.02250	14.99200	15.06700	-.27890	-1.98320
101.200	196.050	.32868	-.05706	.15343	-.44143	-.01220	-.01713	15.01700	14.95300	-.31838	-1.88840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1467/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.790	196.040	.39170	-.03125	.16377	-.51687	-.03309	-.01446	14.98700	15.00400	-.31362	-1.93170
199.270	96.048	.36938	-.03783	.17780	-.45884	-.02717	-.01878	14.95600	14.93100	-.28787	-1.86970
200.040	-3.830	.33790	-.04984	.15990	-.40429	.00451	-.02569	14.98800	15.01900	-.30061	-1.93520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR45) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1468/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.219	-3.692	.31229	-.08391	.14683	-.35886	-.01264	-.01487	14.99400	15.01600	-.28576	-1.95560
.923	96.143	.31652	-.08772	.14412	-.37525	-.00419	-.01478	14.99600	15.01500	-.31701	-1.94390
.196	196.260	.31269	-.08235	.15304	-.40232	.01236	-.01726	14.99300	15.00600	-.31845	-1.96100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1469/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.393	196.370	.29880	-.07249	.14776	-.41958	.00372	-.01657	14.99900	15.06200	-.30747	-1.99170
49.739	96.067	.29174	-.07093	.14564	-.39818	-.01295	-.01368	14.98700	15.02500	-.28563	-1.95000
49.676	-3.939	.29991	-.07556	.15499	-.36395	-.02059	-.01502	14.98900	14.98900	-.26702	-1.89890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR45) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1470/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.988	-3.863	.30209	-.07051	.16201	-.38410	-.01921	-.01660	15.00000	15.03300	-.26804	-1.90300
100.460	95.952	.29489	-.06515	.14833	-.41433	-.02020	-.01517	14.99900	15.03900	-.27984	-1.93470
100.160	196.080	.27911	-.05898	.14680	-.43271	-.00940	-.01510	14.98700	15.00900	-.27932	-1.91290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1471/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.800	196.180	.34783	-.04382	.15951	-.47110	-.03225	-.01323	14.99300	15.00800	-.28504	-1.85890
200.160	95.949	.35676	-.04865	.17275	-.44348	-.04190	-.01644	14.99400	14.99900	-.28529	-1.84510
200.150	-3.960	.31354	-.05204	.16862	-.39072	-.00926	-.02514	14.99100	15.01800	-.28279	-1.86150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR46) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1551/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.081	-2.137	.33406	-.10123	.14021	-.34180	-.02354	-.01102	14.99400	15.01100	-3.99760	4.11010
.481	97.727	.34436	-.10817	.13412	-.35260	-.02272	-.01319	14.99500	15.01900	-4.00650	4.08940
.718	197.830	.33230	-.09617	.13565	-.37139	-.01188	-.01333	15.00300	15.01000	-4.03800	4.09550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1552/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.604	97.777	.32684	-.09216	.13490	-.35656	-.03098	-.01042	14.98800	15.01300	-3.99330	4.11640
49.481	-2.354	.30598	-.08488	.14299	-.33552	-.02328	-.01157	14.98300	14.96800	-3.97830	4.17370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR46) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1553/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.907	-2.156	.29620	-.08273	.14372	-.32740	-.03204	-.00764	14.99000	15.02800	-3.98690	4.13910
100.450	97.736	.30083	-.07693	.13902	-.35933	-.04329	-.00543	15.00800	15.06800	-4.00810	4.08040
100.690	197.790	.31076	-.07883	.13208	-.38334	-.03382	-.00651	15.00200	15.01700	-4.01250	4.11230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1554/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.220	197.790	.29845	-.05250	.13694	-.41811	-.05159	-.00595	15.00100	15.01200	-4.00810	4.20240
200.000	97.739	.31050	-.06580	.14293	-.37055	-.05654	-.00578	14.98200	14.97300	-3.98860	4.24070
198.900	-2.294	.26268	-.06141	.14039	-.31510	-.03482	-.00874	14.95400	14.90700	-3.96430	4.30200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR47) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1555/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.059	.803	.30327	-.09137	.13394	-.37025	-.00427	-.01865	14.98900	15.01700	-4.01880	2.04760
.364	100.340	.29374	-.09429	.13336	-.38684	.00117	-.02057	14.98000	14.99700	-4.03170	2.06740
.253	200.780	.29219	-.08275	.13824	-.41256	.01405	-.02009	15.01100	15.00700	-4.05930	2.00590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1556/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.103	200.760	.27263	-.07002	.13609	-.43189	-.00091	-.01941	14.99800	15.06300	-4.01990	1.98890
50.096	100.730	.26380	-.07121	.13132	-.40019	-.01921	-.01640	14.98400	15.01200	-4.01440	2.06490
50.241	.668	.29276	-.08448	.14063	-.38467	-.01400	-.02135	14.99700	14.97800	-4.01380	2.10100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR47) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1557/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	.660	.30648	-.08222	.14252	-.40542	-.01363	-.02237	15.01300	15.03400	-4.00980	2.08620
100.470	100.790	.29256	-.07273	.13249	-.42590	-.03253	-.01640	15.00400	15.07300	-4.01440	2.02490
99.790	200.780	.26642	-.05902	.13360	-.43967	-.02175	-.01632	14.99600	15.00000	-4.01070	2.09160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1558/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.390	200.740	.33918	-.04651	.13492	-.43727	-.04403	-.01112	14.96700	14.98800	-3.98130	2.15800
199.890	100.520	.33735	-.05350	.15084	-.41027	-.04205	-.01491	14.97100	14.97000	-3.99160	2.17600
200.240	.775	.30720	-.06149	.12838	-.35169	.00025	-.02373	14.99500	15.00900	-4.01820	2.11940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR48) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1559/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.263	.913	.31276	-.08899	.14197	-.34782	-.01013	-.01202	14.99100	15.00800	-4.00200	2.08500
.800	100.590	.33755	-.10287	.13442	-.35236	-.01136	-.01573	14.99800	15.01600	-4.02180	2.06950
.656	200.840	.32205	-.09188	.13405	-.36069	-.00691	-.01399	14.99800	15.01200	-4.05040	2.07710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1560/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.276	101.040	.29955	-.08249	.13619	-.36001	-.02806	-.01057	14.98600	15.03700	-4.00230	2.06010
49.673	.606	.29935	-.08543	.14671	-.34009	-.01933	-.01340	14.98300	14.96500	-3.98640	2.15090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR48) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1561/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.170	.978	.30754	-.08521	.14553	-.33373	-.02144	-.01157	15.00100	15.01900	-3.99940	2.12750
100.220	100.840	.29782	-.07721	.14076	-.36827	-.03578	-.00971	15.00000	15.08400	-4.00300	2.03480
100.590	200.940	.29247	-.07120	.13331	-.40296	-.02437	-.00872	15.00400	15.03100	-4.02210	2.07740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1562/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.920	200.770	.31361	-.05273	.14042	-.44148	-.05028	-.00771	14.98700	15.01500	-3.99160	2.17570
200.160	100.700	.32402	-.06290	.15290	-.39480	-.05083	-.01022	14.98100	14.96100	-3.98980	2.23260
200.010	.633	.28001	-.06179	.14746	-.32508	-.02088	-.01515	14.98500	15.00900	-3.99800	2.17920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR49) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1587/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
.133	.081	.24342	-.06889	.13105	-.43207	.00467	-.02190	14.99700	15.00700	-4.07500	-.03595
1.061	99.973	.29363	-.07667	.14311	-.37310	.00666	-.01708	15.02700	14.94600	-4.09600	.02956
-.187	200.080	.27677	-.07125	.14437	-.37765	.01239	-.01763	14.98500	15.00700	-4.05600	-.04196
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1588/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.121	200.110	.28243	-.06398	.14723	-.43246	-.01103	-.01770	14.99600	15.01600	-4.05180	-.03397
50.381	99.992	.29396	-.06371	.14625	-.41395	-.01833	-.01743	15.00700	15.00800	-4.05780	-.01057
48.957	.082	.25558	-.05514	.14388	-.41984	-.02776	-.01993	14.97200	15.04500	-4.01380	-.02274
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR49) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1589/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.460	-.083	.31613	-.06140	.13598	-.39772	.00380	-.02628	15.04600	14.91900	-4.07420	.11663
99.983	100.030	.31812	-.05872	.15804	-.43501	-.04014	-.01930	14.98800	15.01100	-4.01100	.02182
100.330	200.070	.30968	-.05317	.14075	-.47169	-.03857	-.01428	15.00300	15.04900	-4.03380	-.03053
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1590/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.030	200.230	.42797	-.02955	.15558	-.54963	-.04579	-.01536	15.00600	15.07900	-4.06800	-.04000
199.800	100.020	.37879	-.04653	.16133	-.43750	-.01273	-.02333	14.97200	15.01100	-4.02730	.02366
200.260	.015	.35940	-.05845	.11083	-.35601	.00084	-.02716	14.99600	15.02000	-4.02720	.03662
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR50) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1593/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.096	-.125	.25712	-.07775	.13915	-.39284	-.00533	-.01963	14.99000	14.99900	-4.04820	.04076
.298	100.390	.25852	-.07809	.13494	-.41103	.00546	-.02129	14.99400	15.02400	-4.06120	-.02915
-.275	199.930	.24502	-.06476	.14330	-.42393	.01267	-.02064	15.00200	15.00600	-4.05550	-.04393
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1594/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
51.314	199.940	.29102	-.06784	.14716	-.39170	-.00975	-.01599	15.03400	15.02400	-4.08490	-.01648
48.997	100.160	.26155	-.06655	.15455	-.42607	-.01997	-.01949	14.97400	15.08100	-4.01120	-.05152
50.059	.046	.27225	-.07203	.15250	-.40518	-.02594	-.02073	14.98700	15.00500	-4.02130	.05117
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR50) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1595/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.860	.022	.31187	-.06263	.15859	-.39398	-.02614	-.02268	15.04400	15.00800	-4.04990	.07567
99.960	100.010	.28783	-.05684	.14206	-.44562	-.03514	-.01971	14.98400	15.09000	-4.00030	-.02319
101.160	200.130	.31535	-.05884	.15123	-.42363	-.01532	-.01863	15.00600	14.94200	-4.03460	.09854
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1596/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.940	200.130	.37504	-.03353	.16011	-.47137	-.05635	-.01310	14.99200	15.01400	-4.04430	.04438
200.480	99.915	.34826	-.04829	.16458	-.40565	-.03143	-.01745	15.00300	15.01100	-4.05210	.04887
199.930	.040	.32096	-.05916	.13662	-.36947	-.00272	-.02523	14.98800	15.02800	-4.02430	.04856
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR51) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1597/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.167	.200	.28117	-.07475	.14436	-.35738	-.00958	-.01268	14.99100	15.02100	-4.01920	.03305
.621	99.963	.29762	-.08780	.13793	-.36407	-.00885	-.01566	14.99100	15.01600	-4.03230	.04226
.823	200.050	.28993	-.07753	.13801	-.38328	.00408	-.01556	15.00200	15.00400	-4.06520	.03701
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1598/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
49.242	200.120	.27622	-.07060	.13886	-.40480	-.00777	-.01499	14.99200	15.06700	-4.03360	-.01403
49.480	100.020	.26820	-.07439	.14394	-.38076	-.02691	-.01435	14.97700	15.02700	-4.01080	.04533
49.933	.098	.28488	-.07743	.15651	-.37762	-.00963	-.01805	15.00100	14.98000	-4.01460	.09220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR51) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1599/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.140	.085	.29167	-.07340	.15840	-.36937	-.01738	-.01743	15.00500	15.02500	-4.00660	.08012
100.490	100.170	.28774	-.07141	.14902	-.43286	-.01878	-.01630	14.99600	15.09000	-4.01040	-.00753
100.460	200.010	.27556	-.06342	.13901	-.42247	-.02264	-.01217	15.00200	15.00500	-4.02870	.07853
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1600/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
202.560	200.080	.33140	-.04042	.15187	-.46044	-.04209	-.01187	15.07600	15.09800	-4.10020	.02312
199.910	100.080	.33462	-.04853	.16467	-.41855	-.04242	-.01503	14.97900	14.97600	-4.00610	.14532
200.150	.109	.30786	-.06258	.15510	-.36049	-.00515	-.02182	14.99800	15.02200	-4.02340	.08904
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR52) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1575/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.068	-3.797	.22998	-.06627	.14312	-.43984	.00164	-.02260	14.98800	15.01000	-4.06590	-2.02070
1.487	96.100	.30735	-.08664	.14281	-.39522	.01419	-.02079	15.03500	14.93900	-4.10150	-1.94600
-.090	196.190	.29452	-.08234	.14181	-.39703	.01636	-.02132	14.99000	15.01200	-4.06180	-2.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1576/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.052	96.223	.29447	-.07039	.14792	-.43302	-.01533	-.02108	14.99200	15.01100	-4.04390	-1.99570
49.495	-3.895	.27228	-.06351	.15279	-.43614	-.02559	-.02143	14.98100	15.03900	-4.02350	-2.00680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR52) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1577/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.380	-3.924	.32671	-.06497	.14782	-.41851	-.01056	-.02761	15.04600	14.96500	-4.07200	-1.91140
100.570	96.110	.32562	-.06026	.15134	-.49078	-.03594	-.02239	15.00800	15.02800	-4.02880	-1.97650
100.880	196.260	.33733	-.06035	.13796	-.48135	-.04633	-.01657	15.00400	15.02800	-4.03560	-1.98020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1578/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
199.940	196.170	.46307	-.03108	.14512	-.58636	-.05745	-.01477	14.99800	15.07500	-4.05800	-2.01400
199.490	96.330	.37829	-.04298	.16546	-.46004	-.02238	-.02394	14.96900	15.00400	-4.02500	-1.95830
199.890	-4.191	.36416	-.05610	.11513	-.39438	.02035	-.03000	14.98400	15.00900	-4.01570	-1.94830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR53) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1579/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.573	-3.831	.26220	-.07909	.14121	-.39748	.00239	-.01907	14.97400	15.02200	-4.02250	-1.99190
.493	96.373	.26022	-.07983	.13041	-.41640	.01122	-.02129	14.99400	15.02800	-4.06260	-2.02960
-.068	195.860	.25808	-.07130	.13615	-.42883	.01794	-.02134	15.00200	15.00300	-4.05690	-2.04960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1580/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
50.850	196.200	.29233	-.07153	.14014	-.40823	.00210	-.01709	15.02900	15.02600	-4.07550	-2.02210
49.170	96.008	.27085	-.07623	.13575	-.43741	-.01702	-.02025	14.96500	15.08700	-4.00350	-2.06390
49.990	-3.908	.27998	-.08062	.15522	-.42110	-.01865	-.02102	14.98600	14.99800	-4.01720	-1.95240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR53) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1581/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
101.590	-3.972	.32426	-.06510	.15438	-.38720	.00033	-.02326	15.06500	14.93200	-4.07630	-1.87200
100.350	96.050	.29562	-.06270	.14191	-.45677	-.02829	-.02142	14.99800	15.01300	-4.01700	-1.95800
101.110	195.740	.31682	-.06332	.14681	-.43820	-.01429	-.01814	15.01100	14.94100	-4.04230	-1.90890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1582/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	196.130	.38787	-.03669	.15572	-.50145	-.04465	-.01481	14.99300	15.01500	-4.04520	-1.96250
200.230	95.719	.35277	-.04973	.16450	-.42993	-.01926	-.02005	14.99100	14.98500	-4.03880	-1.93960
198.880	-4.061	.32749	-.05918	.13530	-.37295	-.00195	-.02466	14.96400	14.90900	-3.99820	-1.85320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR54) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1583/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
-.279	-3.781	.27757	-.07077	.13991	-.35783	-.00814	-.01110	14.98800	15.00600	-4.01420	-1.96210
.601	96.005	.29683	-.08624	.13414	-.36550	-.00685	-.01526	14.98700	15.01400	-4.02440	-1.96890
.976	196.180	.29675	-.08184	.13446	-.38451	.00788	-.01482	15.00000	15.00100	-4.06670	-1.95480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1584/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.699	95.849	.28818	-.08098	.13653	-.39132	-.01558	-.01512	14.99000	15.01300	-4.01910	-1.95560
49.644	-3.919	.28646	-.07866	.15140	-.36848	-.01479	-.01463	14.99200	14.98600	-4.00560	-1.92510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR54) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1585/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.130	-3.820	.28927	-.07500	.15887	-.37962	-.01171	-.01628	14.99800	15.02200	-4.00040	-1.93040
100.640	95.878	.29011	-.07403	.14415	-.41726	-.01977	-.01518	15.00000	15.06400	-4.01540	-1.99160
100.440	196.120	.28245	-.06902	.13471	-.43430	-.01245	-.01291	14.99800	15.01300	-4.02550	-1.94580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1586/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.000	196.250	.35135	-.04897	.14856	-.48147	-.03175	-.01288	14.99500	15.01300	-4.02260	-1.91410
199.850	95.970	.34596	-.05290	.16424	-.43846	-.03575	-.01642	14.97400	14.96900	-4.00470	-1.87560
200.050	-3.964	.30057	-.06097	.15261	-.38108	-.00174	-.02277	14.99200	15.01900	-4.01780	-1.92320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR55) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1703/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.000	-2.399	.27842	-.07429	.15545	-.36563	.00968	-.02458	14.99000	15.01600	-8.01940	4.14180
100.050	97.512	.30729	-.08584	.14702	-.36615	-.04277	-.01023	14.99000	15.00400	-8.02660	4.13990
100.460	197.650	.28980	-.06981	.13765	-.38779	-.04314	-.00610	15.00600	15.03900	-8.05200	4.08550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1704/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.980	197.630	.28699	-.05906	.14172	-.40939	-.04919	-.00454	15.00700	15.05500	-8.04520	4.09600
150.170	97.570	.30704	-.07178	.14873	-.38432	-.05251	-.00607	14.99000	14.99600	-8.02170	4.17710
150.190	-2.594	.26870	-.06853	.15321	-.34613	-.00119	-.02198	14.99200	15.01600	-8.02340	4.16080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR55) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1705/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.360	-2.246	.25859	-.05871	.14616	-.35774	-.00654	-.01733	15.00400	15.04400	-8.04360	4.14570
200.330	97.623	.28302	-.05110	.15381	-.38272	-.05765	-.00549	14.99900	15.01500	-8.03450	4.18510
200.650	197.630	.29551	-.04771	.14169	-.42655	-.05641	-.00661	15.01300	15.06300	-8.05010	4.13520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR56) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1706/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.090	.603	.25963	-.06018	.15164	-.38629	.01201	-.02977	14.99300	15.04500	-8.02830	2.06630
100.260	100.400	.28891	-.07157	.14248	-.42353	-.03454	-.01574	14.99500	15.00700	-8.04010	2.09950
99.970	199.950	.25372	-.04915	.13614	-.43983	-.02666	-.01349	15.00100	14.99000	-8.04440	2.10400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1707/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.880	200.430	.28166	-.04513	.13820	-.44640	-.03392	-.01437	15.02900	15.03700	-8.06550	2.08760
150.360	100.490	.30348	-.05261	.15370	-.41882	-.04116	-.01526	14.99900	14.99600	-8.02930	2.14180
150.510	.508	.27231	-.04823	.14412	-.36840	.00877	-.02830	15.00300	15.03400	-8.04150	2.09120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1708/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.380	.470	.27817	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.280	100.360	.32252	-.04825	.15991	-.42190	-.04036	-.01722	14.99800	15.01700	-8.05000	2.11670
200.400	200.580	.32572	-.04096	.14804	-.45936	-.04480	-.01409	15.01000	15.06600	-8.05910	2.06070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR57) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1709/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.030	.273	.26916	-.06945	.15588	-.33895	-.00586	-.01967	14.99000	15.01300	-8.02630	2.11140
99.891	100.400	.30441	-.08419	.15091	-.37413	-.04036	-.01307	14.98700	14.99400	-8.02550	2.11150
99.914	200.890	.26607	-.06316	.14161	-.41730	-.03306	-.01092	14.99700	15.05900	-8.04710	2.03440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1710/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
151.150	200.560	.31114	-.06358	.13859	-.42740	-.04343	-.00815	15.03700	15.05000	-8.07610	2.06820
149.370	100.330	.29906	-.06758	.15877	-.38881	-.04189	-.01084	14.96900	14.96400	-8.00220	2.17100
149.710	.077	.25304	-.06173	.15756	-.33419	-.00834	-.01949	14.97500	15.01200	-8.01260	2.12510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1711/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.890	.432	.27002	-.06122	.14989	-.34073	-.01096	-.01817	15.01700	15.02800	-8.06160	2.10980
200.650	100.430	.31536	-.05456	.15719	-.40418	-.04673	-.01044	15.00900	15.02300	-8.04900	2.13260
200.340	200.470	.31125	-.04447	.14045	-.44527	-.05375	-.00962	15.01200	15.07400	-8.04910	2.08430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR58) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1712/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
99.742	-.139	.27135	-.04889	.12083	-.39053	.04847	-.03843	14.98100	14.95400	-8.03160	.10664
100.380	99.789	.29973	-.06492	.15512	-.41905	-.00732	-.02408	14.99700	15.01600	-8.04460	.04275
100.260	199.990	.29095	-.05205	.15224	-.47178	-.04009	-.01714	15.00200	15.02700	-8.05480	.02878
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR58) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1713/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.230	200.510	.33861	-.02940	.13338	-.56957	-.05484	-.01375	15.04000	15.04700	-8.07850	.05149
151.880	99.877	.33175	-.05406	.15224	-.43387	-.03557	-.02355	15.06800	15.01400	-8.12180	.06149
150.460	-.057	.30192	-.04638	.11447	-.40460	.04235	-.03413	15.00200	15.02000	-8.05210	.05274
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1714/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.270	.087	.31861	-.05673	.11429	-.38142	.02681	-.03318	14.99100	15.03000	-8.04350	.05720
200.110	100.110	.33923	-.05267	.14812	-.40700	-.00399	-.02678	14.99000	15.01800	-8.05220	.05462
202.250	199.850	.43466	-.03754	.15608	-.50136	-.06028	-.01709	15.05100	15.05100	-8.12640	.02275
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR59) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1715/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.160	.097	.26625	-.04430	.15779	-.40105	.00704	-.03141	15.00200	15.01800	-8.03990	.03480
99.971	99.977	.29369	-.06406	.16172	-.42481	-.01070	-.02379	14.98900	14.96300	-8.03230	.07459
100.910	200.120	.30405	-.06066	.15041	-.44669	-.02316	-.01885	15.01400	15.06700	-8.06730	-.04245
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1716/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]									
149.930	99.968	.30958	-.06035	.16175	-.41582	-.01117	-.02326	14.98300	15.03200	-8.03530	.00498
149.820	-.038	.26203	-.03905	.14615	-.39190	.02534	-.03160	14.98100	15.04100	-8.02960	.00982
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR59) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1717/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
201.010	.010	.30265	-.05766	.13432	-.37626	.01255	-.03017	15.00800	15.02500	-8.06270	.02644
199.760	99.555	.34623	-.05755	.15648	-.42028	-.00917	-.02456	14.98100	15.00000	-8.04390	.03732
199.930	200.080	.38878	-.04138	.16660	-.47615	-.05053	-.01896	14.99000	15.01900	-8.06300	.01466
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR60) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1718/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.030	-.025	.26060	-.06299	.16262	-.37589	.00989	-.02293	14.98900	15.01600	-8.02810	.06846
99.752	100.030	.27457	-.07407	.15600	-.42822	-.02362	-.01808	14.98500	15.01100	-8.02950	.07079
101.480	200.070	.29440	-.06361	.13546	-.44950	-.02580	-.01417	15.04000	15.04300	-8.09570	.03361
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1719/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.940	199.760	.29109	-.05089	.14412	-.46246	-.03179	-.01544	15.01500	15.04400	-8.05540	.05209
150.120	99.450	.29648	-.05625	.16570	-.41497	-.02387	-.01737	14.98400	14.92000	-8.02250	.18048
150.750	-.070	.28646	-.05392	.15417	-.34495	.00778	-.02366	15.01100	15.00900	-8.05460	.08224
	GRADIENT	.00000	.00000	.00000	.00000	.00[illegible]	.00000	.00000	.00000	.00000	.00000

RUN NO. 1720/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.120	.039	.28591	-.05969	.15314	-.36254	.00341	-.02480	14.98700	15.04400	-8.03890	.04451
200.190	100.260	.32273	-.04585	.16536	-.43977	-.04787	-.01592	14.99900	15.03300	-8.05120	.07715
202.010	200.160	.38765	-.05349	.14503	-.46477	-.05016	-.01324	15.05400	15.05500	-8.10910	.04270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR61) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1721/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.180	-3.953	.28804	-.05194	.14942	-.41214	.00680	-.02802	15.00300	15.07200	-8.05490	-2.04970
100.540	95.916	.32986	-.06763	.15215	-.49145	-.01576	-.02474	15.01000	15.05300	-8.06020	-2.02210
97.988	196.040	.21182	-.03060	.15631	-.56165	-.03566	-.01539	14.93800	15.04200	-7.99010	-2.03320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1722/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
149.710	195.850	.34668	-.02743	.13814	-.60529	-.05122	-.01312	14.93900	15.00800	-7.97900	-1.94960
149.600	95.946	.34202	-.04436	.16976	-.51272	-.06330	-.01723	14.95000	14.93700	-8.00630	-1.89630
149.830	-4.151	.29607	-.04517	.11753	-.39049	.03187	-.03133	14.98300	15.02400	-8.03350	-1.99300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1723/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.900	-4.259	.33244	-.05729	.11208	-.38564	.02515	-.03077	15.00700	15.01700	-8.05900	-1.97170
204.370	95.764	.52718	-.08116	.14304	-.45415	-.00275	-.02532	15.09500	15.03900	-8.16310	-2.00170
200.320	196.220	.45064	-.03122	.15508	-.57881	-.05878	-.01684	15.00300	15.02700	-8.08350	-1.98530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR62) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1724/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.943	95.892	.29986	-.07010	.16779	-.43633	-.01478	-.02164	14.99100	15.02900	-8.03590	-2.01240
100.960	195.830	.30224	-.06039	.15500	-.45413	-.01733	-.01925	15.02000	15.03700	-8.07710	-2.03540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR62) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1725/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.040	196.100	.34391	-.05102	.16133	-.49677	-.04079	-.01833	15.00200	15.02700	-8.05430	-2.00980
149.870	95.791	.31273	-.06214	.16502	-.42452	-.00493	-.02374	14.98200	14.99600	-8.03590	-1.98390
150.230	-4.027	.30378	-.05371	.13912	-.37989	.01791	-.02690	15.01500	14.91600	-8.06660	-1.90190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1726/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.020	-4.334	.30338	-.05767	.14276	-.37729	.01424	-.02781	14.98400	15.01800	-8.03860	-2.00170
200.110	95.666	.36596	-.06145	.16105	-.42489	-.01118	-.02346	14.99200	15.00100	-8.05660	-1.98970
199.530	196.160	.38033	-.03983	.17051	-.49879	-.04451	-.01977	14.98600	15.02900	-8.06120	-2.01510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR63) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1727/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
100.090	-4.118	.26184	-.05935	.16534	-.36618	-.00659	-.01651	14.99500	15.01700	-8.03560	-1.96330
100.140	96.092	.28228	-.07138	.16036	-.42056	-.02734	-.01633	14.99600	15.02900	-8.04200	-1.97770
100.610	196.520	.27920	-.06476	.13995	-.45323	-.01636	-.01447	15.01200	15.05200	-8.07200	-2.00170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1728/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
150.530	195.790	.29215	-.05092	.15152	-.46954	-.02436	-.01520	15.01700	15.04700	-8.06530	-1.98200
150.190	96.279	.31194	-.05945	.16999	-.43156	-.01621	-.01853	14.99100	14.97200	-8.03490	-1.91190
150.360	-4.320	.27010	-.05290	.15826	-.36527	.00628	-.02149	14.99700	15.02600	-8.04390	-1.97080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, RIGHT SRB JET ON (OVTR63) (02 FEB 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1097.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 450.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1729/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CLM	CA	CY	CYN	CBL	ALPHA	BETA	DALFA	DBETA
200.680	-4.028	.29206	-.06084	.15760	-.37862	.00568	-.02418	15.00100	15.03200	-8.05390	-1.98270
200.770	95.888	.34172	-.05456	.16702	-.44779	-.03182	-.01861	15.01900	15.03600	-8.07370	-1.97160
201.010	195.910	.35897	-.04701	.15827	-.48846	-.03871	-.01409	15.02900	15.07300	-8.08710	-2.01960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT001) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 371/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.904	400.060	-.01445	-.01549	-.00396	.00267	-.00464	-.11040	.00712	-.08433	-.00134
-.486	300.130	-.21230	-.01450	-.00269	.00370	-.00495	-.10665	.00388	-.00397	.00732
-.445	249.970	-.20647	-.01439	-.00210	.00391	-.00514	-.10513	.00420	-.00499	-.00184
-.414	200.030	-.29943	-.01493	-.00151	.00476	-.00507	-.10402	.00174	-.00394	-.00211
-.385	175.100	-.22388	-.01494	-.00120	.00516	-.00539	-.10324	.00390	-.00357	-.00263
-.398	150.160	-.10044	-.01514	-.00084	.00494	-.00552	-.10248	.00606	-.01220	-.00336
-.330	125.030	.07850	-.01539	-.00050	.00507	-.00563	-.10181	.00951	-.00276	-.00182
-.506	100.090	-.10285	-.01585	-.00012	.00485	-.00568	-.10116	.00653	-.01122	-.00471
-.323	74.994	-.06442	-.01609	.00023	.00421	-.00580	-.10043	.00732	-.00599	-.00047
-.371	49.944	-.22721	-.01615	.00050	.00379	-.00606	-.09980	.00504	-.00370	-.00161
-.418	25.066	.08623	-.01600	.00059	.00327	-.00630	-.09947	.01097	-.00606	-.00275
-.271	-.002	.24777	-.01655	.00090	.00208	-.00709	-.09903	.01559	-.00410	-.00289
-.349	-50.050	.31370	-.01708	.00122	-.00017	-.01000	-.09951	.02171	-.00437	.00499
-.463	-100.140	.68659	-.01836	.00200	-.00550	-.01396	-.09732	.03616	-.01031	-.00316
-.315	-200.050	1.71820	-.01849	.00471	-.02196	-.02206	-.09047	.07150	-.00424	-.00131

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT001) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 373/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.070	400.140	-.14245	-.01074	-.00317	.00778	-.00346	-.10553	.00177	-.07468	-.00106
49.663	300.180	-.64328	-.01081	-.00191	.00905	-.00442	-.10245	-.00650	-.00488	-.00223
49.703	250.010	-.27042	-.01054	-.00145	.00924	-.00484	-.10113	.00101	.00526	.00130
49.569	199.980	-.18327	-.01107	-.00091	.00935	-.00499	-.10015	.00296	-.00892	.00002
49.661	175.100	-.07822	-.01132	-.00057	.00954	-.00523	-.09945	.00508	-.00963	-.00262
49.698	150.080	.20414	-.01213	-.00021	.00957	-.00543	-.09906	.01049	-.00892	-.00353
49.695	125.080	.02561	-.01203	.00017	.00964	-.00542	-.09808	.00713	-.01026	.00028
49.881	100.040	.14610	-.01216	.00033	.00974	-.00564	-.09776	.00927	.00994	-.00204
49.482	75.003	-.11417	-.01202	.00051	.00978	-.00605	-.09721	.00542	-.01289	.00068
49.686	49.898	.07076	-.01210	.00070	.00992	-.00649	-.09679	.00973	-.01617	.00037
49.679	24.998	-.04460	-.01221	.00086	.00921	-.00693	-.09646	.00815	-.01005	-.00131
49.680	.020	.00806	-.01261	.00098	.00856	-.00750	-.09640	.01014	-.01036	-.00238
49.794	-50.036	.16039	-.01317	.00092	.00438	-.00970	-.09682	.01746	-.00754	-.00084
49.818	-100.040	.74705	-.01448	.00066	-.00210	-.01332	-.09820	.03517	-.00512	-.00087
49.945	-200.060	1.89760	-.01598	.00077	-.01738	-.02123	-.09864	.07241	-.00241	-.00374
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT002) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 372/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.645	-100.090	.69792	-.01846	.00207	-.00592	-.01397	-.09720	.03649	-.08793	-.00251
.006	-50.013	.32573	-.01742	.00120	-.00072	-.01020	-.09876	.02263	.00289	-.00026
-.378	.068	.38611	-.01686	.00091	.00074	-.00722	-.09920	.01859	-.00813	-.00255
-.379	25.031	.20729	-.01617	.00063	.00230	-.00654	-.09947	.01397	-.00576	-.00252
-.296	49.866	-.19414	-.01635	.00051	.00284	-.00619	-.09989	.00611	-.00494	-.00343
-.326	75.016	-.02489	-.01654	.00025	.00320	-.00600	-.10066	.00863	-.00463	-.00340
-.336	100.050	.02735	-.01595	-.00018	.00378	-.00580	-.10133	.00927	-.00473	-.00176
-.240	125.000	.19448	-.01562	-.00053	.00439	-.00568	-.10202	.01179	-.00262	-.00252
-.427	150.120	-.10026	-.01524	-.00090	.00458	-.00560	-.10269	.00654	-.00780	-.00210
-.321	175.110	-.11557	-.01494	-.00123	.00470	-.00541	-.10332	.00594	-.00352	-.00325
-.310	200.180	.06277	-.01509	-.00153	.00443	-.00510	-.10416	.00863	-.00568	-.00103
-.182	249.960	-.19696	-.01448	-.00211	.00365	-.00518	-.10520	.00451	-.00243	-.00217
-.293	300.220	.08075	-.01465	-.00275	.00338	-.00495	-.10687	.00902	-.00618	-.00161
-.169	400.160	-.30239	-.01526	-.00391	.00267	-.00459	-.11014	.00209	-.00570	-.00180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 374/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
47.850	-100.130	.74793	-.01467	.00059	-.00246	-.01340	-.09848	.03569	-.06726	-.00030
49.724	-49.997	.17968	-.01348	.00086	.00376	-.00974	-.09718	.01805	-.00900	-.00413
49.559	-.035	.01526	-.01258	.00077	.00811	-.00765	-.09690	.01088	-.00882	.00004
49.699	24.986	-.11490	-.01228	.00063	.00859	-.00706	-.09706	.00733	-.01543	.00011
49.718	49.942	.02151	-.01229	.00051	.00916	-.00667	-.09737	.00915	-.01050	-.00126
49.816	75.004	-.00343	-.01228	.00038	.00965	-.00625	-.09769	.00767	-.00672	-.00256
49.758	100.130	-.03551	-.01218	.00018	.00929	-.00581	-.09813	.00679	-.00924	-.00372
49.744	125.030	.06253	-.01214	-.00000	.00928	-.00563	-.09855	.00795	-.01091	-.00216
49.767	150.010	-.04088	-.01194	-.00034	.00931	-.00550	-.09926	.00597	-.01173	-.00218
49.787	175.040	-.16473	-.01159	-.00064	.00948	-.00534	-.09977	.00378	-.00888	-.00469
49.835	200.010	-.16707	-.01137	-.00091	.00932	-.00501	-.10032	.00303	-.00779	-.00033
49.810	249.960	.09407	-.01079	-.00150	.00933	-.00485	-.10142	.00754	-.01071	-.00280
49.755	300.170	-.28762	-.01083	-.00204	.00888	-.00441	-.10278	.00016	-.01068	-.00027
49.925	400.110	-.32348	-.01086	-.00320	.00796	-.00345	-.10566	-.00167	-.00853	-.00060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT003) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 397/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.928	400.140	-1.10460	-.01308	-.00388	.00427	-.00460	-.10870	-.01222	-.08445	.00181
-.282	300.370	-1.22530	-.01250	-.00273	.00558	-.00474	-.10553	-.01447	-.00460	.00292
-.421	250.130	-1.13610	-.01266	-.00208	.00575	-.00496	-.10402	-.01242	-.01032	.00023
-.352	200.160	-1.23420	-.01261	-.00155	.00645	-.00498	-.10267	-.01454	-.01054	.00230
-.371	175.130	-1.05230	-.01303	-.00121	.00649	-.00509	-.10209	-.01100	-.00998	-.00143
-.263	150.180	-1.03010	-.01336	-.00083	.00666	-.00529	-.10136	-.01061	-.00690	-.00084
-.276	125.090	-1.21850	-.01361	-.00052	.00664	-.00531	-.10074	-.01382	-.01263	.00268
-.142	100.270	-1.20450	-.01371	-.00028	.00624	-.00537	-.10023	-.01337	-.00609	-.00021
-.261	75.067	-1.09400	-.01407	.00014	.00606	-.00577	-.09938	-.01054	-.01113	-.00036
-.227	50.145	-1.13250	-.01434	.00040	.00526	-.00611	-.09890	-.01068	-.00678	-.00151
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 400/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.049	400.130	-1.37720	-.00906	-.00314	.00857	-.00358	-.10438	-.01982	-.07454	.00112
49.579	300.170	-1.35710	-.00927	-.00194	.00999	-.00450	-.10156	-.01848	-.00884	-.01008
49.644	250.070	-1.33260	-.00929	-.00144	.01001	-.00490	-.10032	-.01744	-.01077	.00179
49.760	200.100	-1.23330	-.00958	-.00092	.01028	-.00508	-.09924	-.01553	-.00729	.00158
49.706	175.150	-1.15770	-.00981	-.00057	.01051	-.00510	-.09851	-.01403	-.00526	-.00041
49.725	150.170	-1.24330	-.01020	-.00026	.01042	-.00521	-.09798	-.01530	-.00592	-.00067
49.583	125.060	-1.31950	-.01044	-.00002	.01043	-.00529	-.09755	-.01675	-.01072	-.00160
49.928	100.120	-1.21970	-.01028	.00019	.01063	-.00545	-.09692	-.01484	-.00482	.00100
49.662	75.133	-1.29690	-.01041	.00043	.01072	-.00578	-.09641	-.01569	-.00981	-.00262
49.846	50.146	-1.26760	-.01048	.00066	.01057	-.00618	-.09589	-.01451	-.00580	-.00158
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT004) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 398/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.319	25.169	-1.10440	-.01430	.00051	.00483	-.00638	-.09862	-.00964	-.07762	.00127
-.328	.109	-.94411	-.01466	.00072	.00351	-.00711	-.09830	-.00512	-.01253	-.00115
-.237	-49.884	-.66515	-.01599	.00132	-.00069	-.00955	-.09758	.00451	-.00456	.00062
-.177	-99.966	-.38287	-.01699	.00195	-.00537	-.01364	-.09656	.01718	-.00566	-.00264
-.253	-199.920	.62489	-.01667	.00395	-.02064	-.02186	-.09123	.05193	-.00652	.00146
-.219	-99.948	-.26495	-.01645	.00174	-.00498	-.01417	-.09673	.01992	-.01136	-.00521
-.274	-49.822	-.73735	-.01533	.00099	.00016	-.01029	-.09799	.00418	-.00714	.00103
-.141	.162	-.90890	-.01464	.00064	.00282	-.00714	-.09849	-.00448	-.00487	-.00115
-.374	25.197	-.89211	-.01421	.00044	.00389	-.00657	-.09873	-.00516	-.00823	-.00108
-.185	50.137	-1.11610	-.01430	.00031	.00473	-.00615	-.09910	-.01018	-.00486	.00018
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 401/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
47.692	25.209	-1.13550	-.01093	.00086	.01019	-.00662	-.09565	-.01144	-.06992	.00168
49.812	.177	-.98094	-.01098	.00098	.00892	-.00727	-.09538	-.00714	-.00409	-.00068
49.718	-49.911	-.88555	-.01111	.00069	.00477	-.00986	-.09611	-.00044	-.00822	-.00128
49.864	-99.970	-.48822	-.01246	.00034	-.00184	-.01344	-.09771	.01398	.00023	.00131
50.049	-199.820	.34538	-.01382	.00017	-.01630	-.02069	-.09880	.04404	.00385	-.00123
49.407	-99.923	-.46920	-.01259	.00032	-.00236	-.01352	-.09784	.01460	-.01721	.00240
49.664	-49.926	-.72112	-.01157	.00057	.00477	-.00990	-.09668	.00296	-.01122	-.00021
49.694	.054	-1.13580	-.01117	.00071	.00888	-.00758	-.09617	-.00954	-.00774	.00062
49.677	25.187	-1.20810	-.01074	.00055	.01005	-.00691	-.09630	-.01218	-.00677	.00364
49.811	50.118	-1.16990	-.01085	.00046	.01053	-.00643	-.09660	-.01217	-.00595	.00056
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT005) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 399/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.325	75.185	-1.16640	-.01445	.00001	.00567	-.00574	-.09995	-.01197	-.07861	-.00017
-.060	100.290	-1.18240	-.01389	-.00036	.00566	-.00548	-.10053	-.01264	-.00020	-.00505
-.289	125.190	-1.00580	-.01369	-.00062	.00601	-.00541	-.10105	-.00981	-.01013	.00053
-.220	150.110	-1.20750	-.01350	-.00096	.00620	-.00530	-.10176	-.01351	-.00571	-.00097
-.198	175.040	-1.21770	-.01340	-.00128	.00626	-.00516	-.10249	-.01392	-.00787	.00009
-.246	200.160	-1.22290	-.01298	-.00157	.00599	-.00496	-.10296	-.01423	-.00519	-.00008
-.138	250.150	-1.20800	-.01279	-.00212	.00537	-.00494	-.10417	-.01382	-.00423	-.00033
-.198	300.280	-1.12080	-.01254	-.00277	.00516	-.00472	-.10565	-.01259	-.00484	-.00012
-.051	400.210	-1.20590	-.01299	-.00385	.00423	-.00448	-.10858	-.01413	-.00480	-.00210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 402/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
47.691	75.145	-1.29390	-.01086	.00034	.01075	-.00583	-.09691	-.01555	-.07260	.00085
49.765	100.300	-1.30490	-.01089	.00013	.01052	-.00556	-.09746	-.01610	-.00293	.00229
49.736	125.170	-1.41380	-.01062	-.00007	.01054	-.00535	-.09778	-.01831	-.01035	-.00177
49.880	150.230	-1.32460	-.01059	-.00037	.01054	-.00525	-.09852	-.01692	-.00475	-.00415
49.762	175.160	-1.13680	-.01036	-.00066	.01031	-.00512	-.09909	-.01382	-.00725	-.00043
49.761	200.230	-1.24660	-.01006	-.00099	.01040	-.00492	-.09972	-.01605	-.01221	-.00153
49.622	250.250	-1.24800	-.00977	-.00149	.01003	-.00474	-.10075	-.01623	-.01169	.00051
49.800	300.220	-1.36390	-.00957	-.00199	.00983	-.00432	-.10186	-.01882	-.00863	-.00168
49.880	400.160	-1.38190	-.00945	-.00310	.00857	-.00350	-.10455	-.02002	-.00993	.00132
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT006) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 407/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.107	400.460	-.22480	-.03516	-.00950	-.01473	-.00469	-4.13610	.01233	-.08860	.00509
-.441	300.180	-.17200	-.03602	-.00740	-.01498	-.00391	-4.13150	.01210	-.01162	.00719
-.349	250.200	-.10040	-.03677	-.00640	-.01493	-.00358	-4.12950	.01279	-.01043	.00827
-.335	200.150	-.43034	-.03672	-.00604	-.01453	-.00279	-4.12860	.00549	-.01075	.00750
-.328	175.190	-.33879	-.03633	-.00590	-.01485	-.00283	-4.12800	.00748	-.01394	.00859
-.201	150.110	-.34212	-.03696	-.00556	-.01495	-.00274	-4.12750	.00731	-.00808	.00889
-.220	125.050	-.34589	-.03787	-.00489	-.01550	-.00246	-4.12640	.00696	-.01293	.00885
-.358	100.260	-.32970	-.03857	-.00439	-.01612	-.00246	-4.12560	.00742	-.01583	.00583
-.181	75.353	-.41905	-.03887	-.00418	-.01633	-.00246	-4.12530	.00594	-.00698	.00623
-.266	50.082	-.40657	-.03854	-.00421	-.01666	-.00252	-4.12520	.00635	-.00622	.00759
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 410/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.799	400.440	-.69067	-.03305	-.00807	-.00567	-.00256	-4.13130	-.00177	-.08777	.00578
49.672	300.230	-.66780	-.03265	-.00673	-.00650	-.00259	-4.12770	-.00109	-.00491	.00771
49.580	249.960	-.75106	-.03274	-.00621	-.00613	-.00270	-4.12650	-.00271	-.00675	.00308
49.626	200.070	-.57520	-.03268	-.00578	-.00596	-.00278	-4.12540	.00064	-.01143	.00424
49.716	175.140	-.55711	-.03295	-.00556	-.00609	-.00302	-4.12500	.00136	-.00815	.00716
49.644	150.200	-.71039	-.03296	-.00533	-.00660	-.00316	-4.12450	-.00117	-.00718	.00710
49.582	125.070	-.41241	-.03343	-.00503	-.00764	-.00317	-4.12400	.00455	-.00975	.00429
49.789	100.190	-.48741	-.03397	-.00465	-.00848	-.00314	-4.12340	.00345	-.00916	-.00967
49.434	75.137	-.36621	-.03464	-.00424	-.00896	-.00336	-4.12280	.00603	-.01308	.00740
49.725	50.065	-.32262	-.03495	-.00400	-.00951	-.00383	-4.12240	.00768	-.00792	.00943
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF   (LVT007)   (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES   ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = .000
ALPHAB = -4.000   BETAB = .000
Y = .000   JET PC = .000
MACH = 4.500

RUN NO. 432/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.559	400.490	.51878	-.25576	.02740	-.01281	-.00484	-4.18340	.02491	-.08773	.00516
-.427	300.110	.47098	-.25513	.02930	-.01299	-.00402	-4.17830	.02283	-.00662	.00625
-.227	249.970	.55273	-.25482	.03011	-.01316	-.00374	-4.17620	.02386	-.00914	.01000
-.411	199.940	.29424	-.25502	.03047	-.01246	-.00294	-4.17540	.01793	-.01216	.00624
-.304	174.920	.39931	-.25511	.03066	-.01295	-.00291	-4.17490	.01983	-.00975	.01010
-.195	149.860	.50267	-.25556	.03103	-.01350	-.00281	-4.17430	.02163	-.01022	.00912
-.238	124.870	.48788	-.25559	.03149	-.01354	-.00255	-4.17330	.02099	-.01575	.00842
-.225	99.926	.43328	-.25627	.03203	-.01399	-.00257	-4.17220	.01970	-.01125	.00417
-.242	74.900	.61089	-.25630	.03222	-.01429	-.00270	-4.17190	.02355	-.01051	.00843
-.277	49.777	.34955	-.25653	.03226	-.01519	-.00271	-4.17190	.01931	-.00876	.00420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 437/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.874	400.450	-.40536	-.03288	-.00806	-.00537	-.00269	-4.13120	.00328	-.08094	.00464
49.558	300.070	-.39211	-.03248	-.00676	-.00598	-.00267	-4.12770	.00363	-.00899	.00824
49.698	249.910	-.28893	-.03226	-.00630	-.00597	-.00281	-4.12640	.00563	-.00658	.00783
49.734	199.950	-.19685	-.03252	-.00576	-.00590	-.00280	-4.12520	.00717	-.00462	.00877
49.578	174.960	-.48103	-.03289	-.00556	-.00566	-.00290	-4.12500	.00235	-.00871	.00727
49.705	149.970	-.43130	-.03277	-.00534	-.00637	-.00294	-4.12440	.00300	-.00611	.00784
49.707	124.970	-.44868	-.03308	-.00503	-.00693	-.00289	-4.12380	.00327	-.00418	.00559
49.739	100.060	-.22358	-.03369	-.00460	-.00803	-.00300	-4.12310	.00766	-.00656	.00502
49.662	74.942	-.39572	-.03447	-.00415	-.00851	-.00308	-4.12250	.00495	-.00775	.00639
49.712	49.830	-.38205	-.03470	-.00389	-.00871	-.00322	-4.12200	.00546	-.00978	.00425
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT008) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 408/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.192	25.300	-.26590	-.03773	-.00448	-.01802	-.00268	-4.12540	.00944	-.00485	.00464
-.412	.142	-.11992	-.03739	-.00434	-.01867	-.00323	-4.12480	.01301	-.00923	.00753
.342	-50.056	.19366	-.04282	-.00298	-.02648	-.00499	-4.12470	.02349	.01800	.02286
-.842	-99.947	.43790	-.04036	-.00310	-.03101	-.00850	-4.12340	.03455	-.02328	.00689
-.396	-149.900	.71248	-.04012	-.00292	-.03464	-.01287	-4.12280	.04720	-.00922	.00676
-.140	-99.789	.48957	-.04188	-.00308	-.03331	-.00837	-4.12430	.03592	-.01168	.00740
.645	-50.084	.11923	-.04257	-.00306	-.02670	-.00522	-4.12480	.02263	-.00409	-.02393
-1.132	.177	-.04007	-.03835	-.00426	-.02052	-.00373	-4.12520	.01573	-.02322	.00941
-.276	25.211	-.10775	-.03804	-.00448	-.01927	-.00318	-4.12550	.01331	-.00405	.00688
-.242	50.047	-.25554	-.03856	-.00437	-.01799	-.00286	-4.12560	.00989	-.00857	.00817
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 411/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.443	25.425	-.28962	-.03488	-.00398	-.01045	-.00396	-4.12230	.00874	-.08730	.00399
49.851	.186	-.39448	-.03493	-.00392	-.01155	-.00463	-4.12220	.00805	-.00915	.00673
49.737	-49.968	-.05990	-.03634	-.00415	-.01514	-.00717	-4.12360	.01913	-.00800	.00844
49.858	-99.870	.51728	-.03808	-.00434	-.02076	-.01102	-4.12500	.03677	-.00705	.00622
49.868	-150.010	.76505	-.04159	-.00467	-.02710	-.01533	-4.12800	.04969	-.00757	.00570
49.637	-100.020	.05871	-.03842	-.00438	-.02127	-.01104	-4.12540	.02905	-.00925	.00740
49.519	-50.012	-.23169	-.03617	-.00420	-.01562	-.00728	-4.12360	.01645	-.00979	.00909
49.701	.107	-.26750	-.03486	-.00406	-.01243	-.00477	-4.12250	.01074	-.00849	.00720
49.722	25.194	-.51939	-.03474	-.00400	-.01113	-.00409	-4.12230	.00469	-.00935	.00673
49.747	50.012	-.22682	-.03461	-.00397	-.00970	-.00373	-4.12220	.00920	-.00793	.00714
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT009) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 438/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.467	25.249	-.13079	-.03463	-.00392	-.00973	-.00377	-4.12200	.01097	-.08722	.00710
49.692	-.058	-.31879	-.03482	-.00386	-.01119	-.00447	-4.12200	.00901	-.00821	.00521
49.759	-50.070	.21328	-.03624	-.00412	-.01486	-.00712	-4.12340	.02367	-.00867	.00745
49.754	-100.130	.51526	-.03836	-.00430	-.02064	-.01104	-4.12510	.03673	-.00709	.00818
49.867	-150.200	1.04340	-.04167	-.00472	-.02691	-.01534	-4.12810	.05443	-.00460	.00753
49.422	-100.200	.16222	-.03840	-.00439	-.02092	-.01111	-4.12540	.03058	-.01249	-.00675
49.655	-50.069	-.02517	-.03660	-.00410	-.01552	-.00736	-4.12360	.01987	-.00802	.01790
49.700	-.016	-.35428	-.03489	-.00403	-.01257	-.00485	-4.12240	.00939	-.00577	.00840
49.669	25.017	-.33398	-.03474	-.00396	-.01091	-.00413	-4.12220	.00787	-.00413	.00738
49.674	49.877	-.33008	-.03485	-.00397	-.00951	-.00371	-4.12230	.00736	-.00716	.00928
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT010) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 409/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.415	75.103	-.56152	-.03877	-.00434	-.01718	-.00263	-4.12570	.00375	-.02716	.00654
.012	100.110	-.40842	-.03868	-.00457	-.01670	-.00247	-4.12620	.00626	.00075	.00629
-.316	125.090	-.31807	-.03776	-.00498	-.01629	-.00258	-4.12660	.00786	-.00814	.00622
-.361	150.140	-.41758	-.03692	-.00563	-.01566	-.00275	-4.12770	.00624	-.00786	.00683
-.253	175.030	-.40869	-.03649	-.00593	-.01553	-.00295	-4.12820	.00666	-.00591	.00933
-.225	200.060	-.63101	-.03678	-.00620	-.01457	-.00283	-4.12900	.00234	-.00650	.00446
-.228	250.160	-.37693	-.03660	-.00653	-.01522	-.00358	-4.12970	.00811	-.00577	.00787
-.135	300.190	-.25777	-.03622	-.00747	-.01535	-.00391	-4.13180	.01072	-.00679	.00668
-.166	400.260	-.40451	-.03522	-.00949	-.01502	-.00472	-4.13610	.00937	-.00985	.00757
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT010) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 412/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.368	75.401	-.54013	-.03474	-.00427	-.00946	-.00341	-4.12290	.00325	-.08582	.00303
49.920	100.150	-.44761	-.03436	-.00466	-.00917	-.00349	-4.12370	.00489	-.00460	.00780
49.735	125.100	-.88022	-.03341	-.00505	-.00796	-.00314	-4.12410	-.00348	-.00768	.00544
49.770	150.160	-.52939	-.03291	-.00533	-.00684	-.00316	-4.12440	.00227	-.00709	.00435
49.692	175.030	-.54299	-.03307	-.00559	-.00651	-.00307	-4.12520	.00180	-.00946	.00637
49.780	200.120	-.56807	-.03270	-.00583	-.00603	-.00287	-4.12550	.00092	-.00873	.00644
49.812	249.990	-.56307	-.03265	-.00627	-.00645	-.00277	-4.12660	.00098	-.00750	.00702
49.881	300.140	-.58734	-.03288	-.00676	-.00640	-.00263	-4.12800	.00058	-.00678	.00611
49.769	400.190	-.49303	-.03289	-.00805	-.00596	-.00256	-4.13120	.00174	-.00682	.00679
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT011) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 436/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.264	75.030	-.23922	-.03853	-.00438	-.01620	-.00237	-4.12560	.00885	-.00379	-.00272
-.366	99.959	-.15771	-.03866	-.00457	-.01578	-.00231	-4.12620	.01007	-.01200	.00573
-.179	124.960	-.25061	-.03827	-.00490	-.01544	-.00249	-4.12670	.00863	-.00394	.00972
-.105	149.950	-.05316	-.03691	-.00555	-.01501	-.00279	-4.12750	.01239	-.00206	.00986
-.348	175.010	-.22704	-.03656	-.00594	-.01490	-.00286	-4.12820	.00922	-.00937	.00866
-.198	199.910	-.25374	-.03687	-.00604	-.01444	-.00285	-4.12860	.00885	-.00677	.00825
-.245	249.960	.16647	-.03660	-.00644	-.01466	-.00363	-4.12950	.01765	-.00806	.01009
-.112	300.050	-.15855	-.03616	-.00742	-.01491	-.00394	-4.13160	.01210	-.00640	.01040
-.138	400.120	-.13346	-.03492	-.00948	-.01449	-.00475	-4.13580	.01392	-.00935	.00897
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT011) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 439/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.510	75.172	-.24281	-.03455	-.00423	-.00897	-.00336	-4.12280	.00767	-.08378	.00396
49.771	99.947	-.47849	-.03393	-.00464	-.00858	-.00324	-4.12340	.00380	-.00587	.00760
49.715	124.930	-.22334	-.03336	-.00505	-.00778	-.00311	-4.12400	.00776	-.00505	.00526
49.744	150.050	-.25936	-.03295	-.00537	-.00690	-.00312	-4.12460	.00715	-.00585	.00637
49.718	175.010	-.36075	-.03304	-.00560	-.00625	-.00306	-4.12520	.00486	-.01147	.00682
49.713	199.970	-.28860	-.03264	-.00581	-.00583	-.00287	-4.12550	.00569	-.00885	.00761
49.789	249.910	-.47624	-.03235	-.00633	-.00604	-.00282	-4.12650	.00243	-.00782	.00594
49.787	300.020	-.58009	-.03257	-.00677	-.00604	-.00266	-4.12780	.00041	-.00881	.00865
50.020	399.970	-.49461	-.03279	-.00807	-.00574	-.00264	-4.13110	.00176	-.00659	.00728
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT012) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 450/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
74.641	400.780	-1.61010	-.05289	-.01427	-.01488	-.00366	-8.15740	-.01986	-.09090	.00175
74.643	300.130	-1.08920	-.05619	-.01235	-.01632	-.00326	-8.15480	-.01001	-.01418	.00734
74.783	250.140	-1.40280	-.05741	-.01215	-.01731	-.00342	-8.15500	-.01543	-.00779	.00425
74.684	200.090	-1.04070	-.05912	-.01143	-.01863	-.00309	-8.15430	-.00876	-.00976	.00561
74.821	175.130	-1.22020	-.06239	-.01056	-.01845	-.00307	-8.15420	-.01221	-.01528	.00978
74.825	150.070	-1.29420	-.06599	-.00912	-.02025	-.00265	-8.15290	-.01362	-.01313	.00482
74.695	125.090	-1.43440	-.06889	-.00823	-.02183	-.00231	-8.15260	-.01662	-.01613	.00568
74.854	100.180	-1.42080	-.07215	-.00734	-.02298	-.00226	-8.15250	-.01586	-.00623	.00858
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT012) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 453/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.463	400.830	-1.48510	-.05001	-.01418	-.01101	-.00318	-8.15550	-.01905	-.08755	-.00154
99.888	300.270	-1.63720	-.05300	-.01219	-.01245	-.00296	-8.15240	-.02189	-.00137	.00673
99.629	250.130	-1.59900	-.05436	-.01187	-.01303	-.00332	-8.15250	-.02049	-.01017	.00663
99.624	200.110	-1.31650	-.05546	-.01169	-.01366	-.00329	-8.15270	-.01520	-.01147	.00567
99.800	175.070	-1.40020	-.05646	-.01125	-.01423	-.00323	-8.15230	-.01659	-.00571	.00689
99.748	150.110	-1.59350	-.05905	-.01019	-.01428	-.00313	-8.15130	-.02009	-.01318	.00494
99.771	125.120	-1.46110	-.06140	-.00937	-.01514	-.00314	-8.15080	-.01776	-.01591	.00613
99.849	100.230	-1.38270	-.06311	-.00885	-.01599	-.00301	-8.15050	-.01587	-.00814	.00524
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT013) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 472/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.549	400.620	.17319	-.04652	-.01400	-.00730	-.00313	-8.15390	.01267	-.08403	-.00212
99.702	300.080	.09319	-.04992	-.01228	-.01002	-.00328	-8.15170	.01181	-.01004	.00307
99.734	250.020	.36394	-.05080	-.01170	-.01150	-.00315	-8.15090	.01750	-.00862	.00425
99.661	199.980	.38165	-.05155	-.01174	-.01149	-.00343	-8.15140	.01824	-.01165	.00348
99.896	174.970	.30700	-.05348	-.01120	-.01149	-.00352	-8.15130	.01683	-.00917	.00294
99.696	149.960	.15305	-.05581	-.01026	-.01211	-.00336	-8.15040	.01359	-.01323	.00331
99.813	124.960	.32174	-.05792	-.00950	-.01286	-.00340	-8.14990	.01756	-.01214	.00272
99.845	99.993	.33261	-.05905	-.00896	-.01348	-.00332	-8.14920	.01780	-.01038	.00426
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT014) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 451/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
74.868	75.075	-1.31870	-.07215	-.00751	-.02445	-.00203	-8.15280	-.01377	-.00434	.00563
74.689	50.106	-1.00310	-.07174	-.00800	-.02430	-.00261	-8.15380	-.00744	-.00634	.00731
74.777	25.061	-1.25500	-.07282	-.00813	-.02881	-.00228	-8.15480	-.01148	-.00234	.00848
74.801	.068	-.97432	-.07605	-.00759	-.03342	-.00232	-8.15540	-.00471	-.00319	.00572
74.645	25.130	-1.09370	-.07336	-.00806	-.02886	-.00229	-8.15490	-.00816	-.00790	.01057
74.602	50.048	-1.34580	-.07213	-.00802	-.02434	-.00269	-8.15400	-.01375	-.01287	.00948
74.766	75.027	-1.20850	-.07240	-.00753	-.02439	-.00207	-8.15310	-.01206	-.00871	.00782
74.439	100.120	-.97357	-.07257	-.00730	-.02323	-.00224	-8.15260	-.00756	-.01080	.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 454/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.539	75.762	-1.60470	-.06365	-.00888	-.01701	-.00287	-8.15090	-.02038	-.09994	.00448
99.873	50.110	-1.19550	-.06408	-.00913	-.01955	-.00302	-8.15180	-.01155	-.00530	.00833
99.736	25.175	-1.13620	-.06502	-.00941	-.02154	-.00338	-8.15300	-.00914	-.00634	.00528
99.660	.133	-1.11240	-.06666	-.00938	-.02487	-.00364	-8.15400	-.00757	-.00683	.00901
99.746	25.122	-1.21100	-.06502	-.00942	-.02169	-.00339	-8.15310	-.01061	-.00290	.00717
99.614	50.081	-1.26840	-.06410	-.00918	-.01976	-.00305	-8.15190	-.01296	-.01116	.00592
99.573	75.065	-1.41080	-.06380	-.00887	-.01770	-.00290	-8.15100	-.01652	-.00863	.00579
99.691	100.050	-1.29320	-.06328	-.00890	-.01628	-.00304	-8.15070	-.01394	-.00643	.00519
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT015) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 473/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.611	75.648	.22670	-.05981	-.00894	-.01485	-.00339	-8.14960	.01572	-.09940	.00154
99.828	49.919	.45373	-.06069	-.00901	-.01741	-.00338	-8.15040	.02092	-.00474	.00033
99.820	24.972	.51284	-.06175	-.00919	-.01957	-.00342	-8.15150	.02265	-.00240	.00382
99.868	-.115	.68851	-.06330	-.00930	-.02221	-.00382	-8.15270	.02738	.00586	-.00482
99.704	24.901	.51691	-.06182	-.00919	-.01971	-.00343	-8.15150	.02278	-.00031	.00212
99.661	49.915	.37868	-.06075	-.00904	-.01764	-.00336	-8.15050	.01941	-.01056	.00401
99.759	74.941	.40566	-.06033	-.00889	-.01567	-.00335	-8.14980	.01951	-.01159	.00467
99.667	99.908	.28289	-.05955	-.00893	-.01409	-.00334	-8.14940	.01663	-.00978	.00084
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT016) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 452/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
74.747	125.140	-.88770	-.06922	-.00812	-.02209	-.00235	-8.15250	-.00648	-.01300	.00970
74.641	150.110	-1.37410	-.06664	-.00902	-.02077	-.00266	-8.15310	-.01484	-.00554	.00784
74.524	175.160	-1.21910	-.06312	-.01042	-.01916	-.00301	-8.15440	-.01181	-.00226	.00816
74.555	200.130	-1.21670	-.05948	-.01149	-.01912	-.00308	-8.15470	-.01169	-.00433	.01069
74.654	250.150	-1.15200	-.05768	-.01220	-.01774	-.00341	-8.15530	-.01021	-.00369	.00453
74.788	300.270	-1.52560	-.05646	-.01232	-.01651	-.00328	-8.15490	-.01800	-.00160	.00681
74.742	400.210	-1.52880	-.05296	-.01425	-.01527	-.00374	-8.15740	-.01770	-.00340	.00765
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT016) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 455/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.584	125.790	-1.39250	-.06104	-.00953	-.01525	-.00315	-8.15090	-.01603	-.09287	.00167
99.699	150.090	-1.65540	-.05982	-.01011	-.01486	-.00317	-8.15160	-.02117	-.00779	.00766
99.664	175.060	-1.32410	-.05678	-.01127	-.01433	-.00335	-8.15250	-.01455	-.00448	.00542
99.744	200.020	-1.31640	-.05504	-.01174	-.01416	-.00332	-8.15260	-.01477	-.00536	.00495
99.742	250.180	-1.59300	-.05424	-.01190	-.01346	-.00324	-8.15250	-.02038	-.00738	.00781
99.652	300.220	-1.38760	-.05339	-.01218	-.01284	-.00294	-8.15270	-.01671	-.00956	.00826
99.890	400.250	-1.89750	-.05004	-.01414	-.01103	-.00322	-8.15530	-.02716	-.00522	.00569
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT017) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 474/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.477	125.650	.33052	-.05749	-.00969	-.01291	-.00330	-8.15010	.01731	-.09535	-.00137
99.823	149.990	.41131	-.05624	-.01018	-.01279	-.00337	-8.15050	.01903	.00137	.00091
99.718	174.960	.40059	-.05412	-.01124	-.01206	-.00350	-8.15170	.01884	-.00525	.00484
99.731	199.890	.21958	-.05187	-.01150	-.01281	-.00309	-8.15090	.01502	-.00956	.00044
99.715	250.000	.10125	-.05075	-.01176	-.01168	-.00318	-8.15090	.01277	-.00744	.00606
99.783	300.030	.06825	-.05012	-.01225	-.01037	-.00319	-8.15170	.01184	-.00697	.00291
99.842	400.090	.10632	-.04672	-.01404	-.00793	-.00309	-8.15400	.01137	-.00530	.00350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT018) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 475/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.379	-2.563	198.68000	-.01461	.00618	-.03771	-.01262	-.08451	4.00630	-.08158	-.00940
.051	97.445	199.26000	-.01185	.00383	-.03765	-.01764	-.08848	4.02450	-.00116	.01079
-.156	197.390	199.13000	-.01195	.00267	-.03517	-.01939	-.09140	4.02400	-.00016	.00620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 476/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.959	197.370	199.38000	-.01281	.00234	-.03244	-.01913	-.09278	4.02780	-.00024	.00564
49.676	97.469	199.17000	-.01284	.00322	-.03490	-.01753	-.09064	4.02210	-.00939	.00568
49.654	-2.575	198.67000	-.01531	.00561	-.03574	-.01228	-.08636	4.00550	-.00930	.01193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 477/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.942	-2.651	198.88000	-.01345	.00373	-.03365	-.01113	-.08986	4.00750	-.00812	.00893
99.762	97.487	199.02000	-.01352	.00268	-.03371	-.01591	-.09242	4.01690	-.01537	.01600
99.887	197.340	199.02000	-.01315	.00193	-.03196	-.01812	-.09402	4.01980	-.00265	.01717
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 478/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.870	197.540	198.80000	-.00929	-.00190	-.03077	-.01483	-.10110	4.01030	-.00625	.01265
199.510	97.377	198.81000	-.00988	-.00058	-.03056	-.01114	-.09829	4.00520	-.01642	.00698
199.670	-2.538	198.51000	-.01015	.00039	-.03105	-.00886	-.09611	3.99630	.00658	-.01441
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT019) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 479/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.176	.306	99.91900	-.01350	.00366	-.02157	-.01786	-.09002	2.03080	-.00022	.00572
-.056	100.290	99.48500	-.01239	.00069	-.01452	-.01385	-.09677	2.01490	-.01179	.01031
-.019	200.300	98.85400	-.00962	-.00075	-.00976	-.00861	-.09870	1.99420	-.00976	.01218
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 480/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.0U

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.849	200.360	98.77700	-.00963	-.00007	-.00644	-.00855	-.09702	1.99150	.00091	.01050
49.719	100.330	99.34000	-.01227	.00021	-.01140	-.01394	-.09787	2.01110	-.00799	-.00512
49.647	.261	99.94500	-.01408	.00291	-.01861	-.01779	-.09224	2.02990	-.00711	.02039
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 481/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.080	.311	100.13000	-.01461	.00156	-.01918	-.01681	-.09593	2.03280	-.00272	.01318
99.814	100.290	99.30900	-.01241	.00040	-.01201	-.01447	-.09749	2.01130	-.00052	.01874
99.592	200.310	98.79200	-.00817	-.00002	-.00578	-.00906	-.09598	1.99230	-.00720	-.01615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 482/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.180	200.360	99.18700	-.00775	-.00231	-.01349	-.01086	-.10129	2.00450	-.00376	.00883
199.630	100.300	99.31200	-.00900	-.00201	-.01946	-.01314	-.10129	2.01180	-.01107	.01080
199.810	.263	99.57600	-.01228	-.00388	-.02158	-.01236	-.10797	2.01630	-.00579	.00703
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT020) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 483/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.331	.437	149.10000	-.01339	.00425	-.02795	-.01479	-.08852	2.01260	-.07872	-.01022
-.035	100.310	149.02000	-.01255	.00274	-.02533	-.01622	-.09170	2.01280	.00036	.01214
.069	200.340	148.69000	-.01068	.00099	-.01851	-.01383	-.09491	2.00140	-.00354	.01311
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 484/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.815	200.380	148.73000	-.01228	.00115	-.01623	-.01387	-.09553	2.00150	-.00897	.00711
49.666	100.350	148.93000	-.01464	.00270	-.02357	-.01550	-.09313	2.00970	-.00486	.01294
49.669	.284	148.91000	-.01622	.00400	-.02616	-.01412	-.09092	2.00800	-.00440	.00586
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 485/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.842	.297	148.68000	-.01701	.00296	-.02442	-.01270	-.09404	2.00120	-.00949	.00991
99.961	100.260	149.14000	-.01543	.00183	-.02226	-.01506	-.09580	2.01240	-.00538	.01218
99.528	200.330	148.66000	-.01332	.00178	-.01663	-.01411	-.09463	2.00080	-.01895	.01177
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 486/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.020	200.320	148.45000	-.00951	-.00147	-.02050	-.01212	-.10029	1.99520	-.00918	.01036
199.770	100.260	148.53000	-.01267	-.00225	-.02150	-.01150	-.10419	1.99600	-.00987	-.01471
199.510	.363	148.29000	-.01149	-.00126	-.01954	-.00838	-.10108	1.98620	-.00821	.00909
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT021) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 487/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.344	-.217	-.16067	-.01611	.00069	.00149	-.00744	-.09928	.00881	-.08622	-.00761
-.103	99.905	-.22795	-.01590	-.00033	.00452	-.00589	-.10170	.00407	-.01128	.00908
.011	199.910	-.40431	-.01504	-.00175	.00530	-.00514	-.10469	-.00012	-.00442	.00834
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 488/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.753	199.820	-.50425	-.01126	-.00086	.00977	-.00520	-.10014	-.00336	.00488	.00790
49.758	99.854	-.27670	-.01183	.00022	.00911	-.00576	-.09782	.00187	-.00182	.00911
49.744	-.203	-.21373	-.01241	.00092	.00664	-.00747	-.09641	.00662	-.00281	.01192
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 489/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.010	-.254	-.29856	-.00780	.00069	.00670	-.00767	-.09409	.00545	.00099	.00922
99.720	100.060	-.22867	-.00740	.00041	.01023	-.00572	-.09458	.00253	-.01516	.00972
99.655	199.840	-.60279	-.00712	-.00028	.01057	-.00526	-.09611	-.00546	-.02057	.00974
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 490/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.970	199.840	-.65390	-.00120	-.00053	.00673	-.00415	-.09300	-.00717	.01563	.01017
199.770	99.890	.00999	-.00226	-.00107	.00442	-.00582	-.09497	.00880	-.00521	.01123
200.190	-.261	.03842	-.00402	-.00463	-.00245	-.01048	-.10477	.01821	.00055	.00857
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT022) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 491/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.443	-.202	47.77400	-.01515	.00213	-.00194	-.01033	-.09506	-.02522	-.07940	.02050
-.022	99.890	47.35800	-.01349	.00058	.00251	-.00556	-.09795	-.04120	-.02031	.01099
-.035	199.830	47.55600	-.01173	-.00076	.00321	-.00492	-.10017	-.03850	-.01289	.00911
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 492/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.900	199.790	47.13300	-.01070	.00009	.00559	-.00455	-.03744	-.04782	-.00112	.00845
49.674	99.843	47.46900	-.01177	.00111	.00477	-.00548	-.09557	-.03985	-.00710	.00934
49.874	-.222	47.85900	-.01370	.00162	-.00152	-.01035	-.09541	-.02388	-.00104	.00783
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 493/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.982	-.188	48.02500	-.01254	.00034	-.00385	-.01074	-.09782	-.01944	-.00470	.00882
99.693	99.871	47.57800	-.00979	.00117	.00448	-.00582	-.09417	-.03711	-.01257	.01054
99.554	199.930	47.49900	-.00841	.00055	.00651	-.00412	-.09487	-.04150	-.00176	.00764
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 494/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.130	199.900	47.21400	-.00448	-.00039	.00146	-.00412	-.09472	-.04587	-.00175	-.01568
199.980	99.919	47.86800	-.00658	-.00274	-.00414	-.00812	-.10172	-.02613	-.01158	.01020
199.710	-.220	51.06700	-.00737	-.00342	-.01109	-.01001	-.10385	.04638	.00858	-.00472
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT023) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 495/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.379	-.190	99.59400	-.01419	.00389	-.01647	-.01276	-.09000	.01498	-.07776	-.02078
.150	99.832	98.97800	-.01268	.00140	-.00885	-.01019	-.09527	-.00245	-.00078	.01312
-.288	199.870	98.64100	-.01108	.00011	-.00393	-.00557	-.09756	-.01668	-.01103	.03315
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 496/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.794	199.820	98.47200	-.01169	.00119	-.00076	-.00572	-.09529	-.02030	-.00836	.03326
49.812	99.921	98.72100	-.01445	.00178	-.00718	-.00980	-.09546	-.00795	-.00563	.01283
49.639	-.166	99.14700	-.01624	.00373	-.01540	-.01190	-.09170	.00538	-.00966	.01024
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 497/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.060	-.192	99.09400	-.01694	.00213	-.01513	-.01113	-.09611	.00321	-.00516	.01329
99.761	99.963	99.22800	-.01392	.00156	-.00826	-.01032	-.09565	.00240	-.00500	.00643
99.637	199.750	98.66000	-.01142	.00151	-.00039	-.00630	-.09432	-.01579	-.01111	.01154
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 498/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.210	199.890	98.68700	-.00873	-.00178	-.00670	-.00771	-.10069	-.01218	-.00612	.00987
199.730	99.852	98.90400	-.00979	-.00201	-.01235	-.00858	-.10191	-.00559	-.00417	.00609
199.710	-.106	99.02200	-.01168	-.00363	-.01242	-.00808	-.10760	-.00357	-.00549	.00694
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT024) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 499/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.434	-4.163	-.57241	-.01479	.00163	.01166	-.00441	-.09624	-2.00690	-.08289	-.01027
.002	95.889	-.63876	-.01429	.00018	.01145	-.00326	-.09953	-2.00970	.00125	.00865
.058	195.770	-.87332	-.01348	-.00130	.01093	-.00337	-.10266	-2.01390	-.00488	.00713
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 500/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.895	195.760	-.93731	-.01240	.00018	.01411	-.00369	-.09834	-2.01550	.00076	.01278
49.561	95.898	-.70565	-.01211	.00107	.01359	-.00310	-.09596	-2.01180	-.00953	.01396
49.586	-4.202	-.78615	-.01253	.00203	.01126	-.00342	-.09384	-2.01250	-.01227	.01290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 501/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.010	-4.177	-.76157	-.00999	.00180	.01020	-.00337	-.09280	-2.01180	-.00152	.01059
99.687	95.799	-.96886	-.00986	.00152	.01256	-.00233	-.09344	-2.01800	-.01727	.00782
99.806	195.670	-.89735	-.00954	.00082	.01405	-.00304	-.09497	-2.01560	-.00886	.01048
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 502/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.920	195.810	-.81681	-.00389	.00035	.01064	-.00140	-.09260	-2.01570	-.00333	.00924
199.890	95.856	-.96724	-.00434	-.00011	.00846	-.00217	-.09399	-2.01700	.00015	.00991
200.010	-4.173	-.37342	-.00601	-.00356	.00172	-.00600	-.10344	-1.99840	.00093	.00874
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT025) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 503/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.055	-4.143	47.33600	-.01398	.00210	-.00036	-.00579	-.09448	-2.03680	-.00706	-.00451
-.207	95.905	47.00700	-.01210	.00091	.00646	-.00233	-.09634	-2.04940	-.00602	.00728
-.050	195.880	46.88300	-.01052	-.00069	.00611	-.00127	-.09930	-2.05350	.00544	.03206
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 504/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.733	195.790	46.90700	-.01132	.00096	.00866	-.00143	-.09574	-2.05340	-.00455	.01223
49.767	95.846	46.88900	-.01250	.00208	.00863	-.00242	-.09371	-2.05240	-.00456	.00859
49.715	-4.278	47.21000	-.01451	.00229	.00059	-.00593	-.09436	-2.03870	-.00504	.01154
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 505/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.904	-4.238	47.46100	-.01296	.00139	-.00137	-.00608	-.09559	-2.03360	-.00284	.00673
99.718	95.961	46.82200	-.01163	.00220	.00837	-.00277	-.09284	-2.05300	-.00926	.01141
99.762	195.770	46.70300	-.01060	.00179	.01115	-.00203	-.09325	-2.05700	-.01078	.00938
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 506/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.920	195.770	46.77500	-.00555	.00024	.00671	-.00132	-.09389	-2.05550	.00319	.03115
200.000	95.830	47.10700	-.00789	-.00207	.00071	-.00408	-.10099	-2.04370	.00177	.01379
199.660	-4.204	47.31500	-.00869	-.00317	-.00478	-.00532	-.10418	-2.03620	-.00853	.00719
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT026) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 507/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-2.294	-4.153	95.49200	-.01320	.00446	-.01065	-.00703	-.08810	-2.06010	-.09433	-.01074
.220	95.912	94.92800	-.01167	.00185	-.00320	-.00416	-.09367	-2.07660	.01846	.01255
-.282	195.780	94.78400	-.01091	.00082	.00392	-.00179	-.09581	-2.08490	-.00977	.00759
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 508/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.892	195.890	94.25000	-.01205	.00201	.00568	-.00159	-.09359	-2.09500	-.00344	.00861
49.726	95.830	94.88900	-.01356	.00248	-.00150	-.00424	-.09331	-2.07760	-.00733	.01079
49.716	-4.274	94.96200	-.01514	.00415	-.01035	-.00626	-.09009	-2.07060	.00388	.00360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 509/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.936	-4.237	94.81400	-.01357	.00139	-.00937	-.00580	-.09594	-2.07410	-.00521	.02381
99.692	95.903	94.57300	-.01362	.00188	-.00232	-.00490	-.09481	-2.08180	-.01787	.01078
99.773	195.750	94.27200	-.01228	.00268	.00584	-.00200	-.09208	-2.09400	-.00922	.01399
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 510/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.070	195.840	94.58900	-.00813	-.00121	.00150	-.00373	-.09902	-2.08450	-.01019	.00889
199.840	95.882	94.80900	-.00855	-.00200	-.00373	-.00504	-.10122	-2.07700	.00283	.00721
199.740	-4.175	94.96400	-.00896	-.00447	-.00276	-.00488	-.10757	-2.07490	-.02022	.01289
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT027) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 620/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.201	-2.559	199.45000	-.03564	-.00204	-.05345	-.00977	-4.11790	4.02230	-.01808	.00573
-.243	97.536	199.96000	-.03027	-.00419	-.05201	-.01578	-4.11960	4.04040	-.00979	.03283
-.341	197.430	199.80000	-.02779	-.00626	-.04894	-.01732	-4.12320	4.03890	-.00487	.00615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 621/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.905	197.500	199.97000	-.03219	-.00598	-.04427	-.01765	-4.12530	4.04120	-.00209	.02874
49.680	97.333	199.84000	-.03325	-.00405	-.04829	-.01548	-4.12120	4.03680	-.00366	-.00353
49.759	-2.688	199.63000	-.03507	-.00179	-.04901	-.00998	-4.11680	4.02440	-.00668	.02469
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 622/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.759	-2.581	199.38000	-.03982	-.00015	-.04598	-.00914	-4.11580	4.01810	-.00658	-.00308
99.906	97.385	199.80000	-.03691	-.00326	-.04363	-.01530	-4.12150	4.03440	-.00340	.01023
99.866	197.490	199.47000	-.03537	-.00537	-.03936	-.01772	-4.12580	4.03110	.00066	.00824
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 623/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.850	197.440	199.59000	-.03737	-.00505	-.03376	-.01624	-4.12630	4.02950	.00614	.01294
199.600	97.410	199.29000	-.03674	-.00358	-.03368	-.01273	-4.12230	4.01850	.01070	.00924
199.730	-2.619	199.08000	-.03568	-.00321	-.03587	-.00976	-4.12080	4.01070	-.00235	.01320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT028) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 624/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.077	.545	99.47000	-.03609	-.00397	-.03698	-.01514	-4.12280	2.02230	-.09242	-.01249
-.343	100.330	99.08400	-.03144	-.00568	-.03259	-.01063	-4.12420	2.00700	-.01519	.01845
-.158	200.270	98.64600	-.02883	-.00691	-.02457	-.00698	-4.12570	1.99140	-.01707	.00671
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 625/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.840	200.310	98.64100	-.02974	-.00590	-.01910	-.00661	-4.12380	1.98960	-.01671	.01182
49.893	100.420	99.10200	-.03133	-.00588	-.02605	-.01106	-4.12460	2.00660	-.00123	.01124
49.716	.280	99.30700	-.03420	-.00498	-.03017	-.01516	-4.12410	2.01730	-.00519	.01239
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 626/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.973	.358	99.14000	-.03702	-.00581	-.02368	-.01672	-4.12800	2.01490	.01225	.01137
99.727	100.280	99.04100	-.03186	-.00633	-.02129	-.01208	-4.12610	2.00570	-.00696	.00987
99.585	200.310	98.68400	-.02946	-.00572	-.01509	-.00768	-4.12320	1.99100	-.01006	.01214
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 627/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.260	200.300	98.81700	-.02893	-.00775	-.01318	-.01190	-4.12780	1.99910	-.00219	.00779
199.880	100.320	98.78300	-.03368	-.00799	-.01745	-.01513	-4.13130	2.00440	-.01016	.01060
199.790	.341	98.99200	-.03895	-.00781	-.02359	-.01440	-4.13410	2.00870	-.00536	.00888
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT029) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 628/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.101	.391	148.65000	-.03452	-.00334	-.04233	-.01256	-4.12030	2.00640	.00092	-.00660
-.351	100.400	148.54000	-.03081	-.00541	-.03664	-.01447	-4.12300	2.00550	-.00480	.01425
-.363	200.380	148.06000	-.02827	-.00678	-.03063	-.01191	-4.12490	1.99090	-.04055	.04888
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 629/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.378	200.410	147.90000	-.02968	-.00686	-.02784	-.01152	-4.12600	1.98620	-.00113	.04938
49.443	100.280	148.52000	-.03356	-.00571	-.03146	-.01466	-4.12560	2.00380	.01737	.01821
49.759	.328	148.40000	-.03426	-.00393	-.03683	-.01318	-4.12160	2.00060	.01213	.00594
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 630/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.976	.308	148.25000	-.03932	-.00333	-.03274	-.01276	-4.12330	1.99640	.00639	.00859
99.691	100.330	148.37000	-.03670	-.00538	-.02821	-.01522	-4.12670	2.00120	-.02159	.00898
99.759	200.390	148.36000	-.03276	-.00579	-.02498	-.01221	-4.12530	1.99570	.01701	.00186
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 631/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.980	200.320	148.19000	-.03754	-.00536	-.01896	-.01438	-4.12720	1.99360	-.00937	.01364
199.780	100.390	148.15000	-.03971	-.00576	-.02486	-.01269	-4.12960	1.99200	-.03113	.00962
199.590	.410	147.95000	-.03844	-.00441	-.02567	-.00922	-4.12550	1.98340	-.00952	.00809
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT030) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 632/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.348	.177	-1.39160	-.03731	-.00475	-.01867	-.00340	-4.12580	-.01434	-.09980	-.01743
-.092	99.803	-1.58050	-.03897	-.00458	-.01667	-.00251	-4.12640	-.01984	-.00443	.00818
-.223	199.790	-1.67540	-.03739	-.00621	-.01503	-.00296	-4.12950	-.02151	-.00105	.00773
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 633/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.797	199.810	-1.98610	-.03334	-.00596	-.00647	-.00288	-4.12630	-.02984	-.00766	.00773
49.593	99.864	-1.83710	-.03411	-.00474	-.00850	-.00313	-4.12380	-.02603	-.03412	.01314
49.754	-.279	-1.61640	-.03496	-.00396	-.01081	-.00439	-4.12240	-.01930	-.00508	.02371
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 634/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.974	-.231	-1.91880	-.03149	-.00405	-.00356	-.00518	-4.12050	-.02598	.01470	.00857
99.708	99.862	-2.03270	-.03072	-.00394	-.00009	-.00353	-4.11970	-.03131	-.00539	.00608
99.728	199.870	-1.83880	-.02937	-.00515	.00165	-.00349	-4.12190	-.02780	-.01039	.00734
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 635/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.920	199.820	-2.25420	-.02101	-.00445	.00717	-.00434	-4.11490	-.03633	.01235	.01166
199.810	99.904	-1.81990	-.02390	-.00498	.00461	-.00610	-4.11800	-.02480	-.01148	.00742
200.300	-.202	-1.47830	-.02932	-.00805	-.00159	-.01044	-4.12880	-.01023	-.01596	.01164
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT031) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 636/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.333	.147	48.14500	-.03480	-.00501	-.01886	-.00651	-4.12480	-.01750	-.09683	-.01560
-.234	99.841	47.76000	-.03147	-.00559	-.01277	-.00267	-4.12420	-.03220	-.00314	.01053
-.029	199.760	47.33500	-.02976	-.00617	-.00930	-.00295	-4.12460	-.04063	-.00310	.01429
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 637/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.771	199.740	47.27400	-.02993	-.00528	-.00467	-.00263	-4.12250	-.04333	-.02320	.00771
49.741	99.884	47.28400	-.03048	-.00480	-.00674	-.00322	-4.12170	-.04189	.01102	.01150
49.708	-.168	47.85600	-.03394	-.00437	-.01262	-.00730	-4.12270	-.02337	-.01286	.01346
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 638/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.938	-.161	47.97300	-.03424	-.00465	-.01027	-.00909	-4.12350	-.01876	.00711	.00566
99.389	99.825	47.59800	-.03003	-.00420	-.00272	-.00454	-4.11990	-.03487	-.01512	.01314
99.829	199.800	47.28000	-.02882	-.00414	-.00016	-.00310	-4.11900	-.04388	-.00086	.01259
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 639/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.000	199.880	47.42300	-.02541	-.00501	.00134	-.00496	-4.11900	-.03847	-.00061	.00773
199.990	99.832	47.89500	-.03023	-.00689	-.00493	-.00855	-4.12660	-.02254	-.00057	.00853
200.010	-.071	47.85100	-.03685	-.00718	-.00932	-.01160	-4.13140	-.01772	.00405	.00905
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT032) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 640/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.073	.142	99.74100	-.03321	-.00452	-.02609	-.01048	-4.12250	.01683	-.09238	-.01738
-.347	99.903	99.22100	-.02834	-.00632	-.02063	-.00642	-4.12390	-.00002	-.00764	.01366
-.129	199.770	98.54600	-.02906	-.00566	-.01513	-.00225	-4.12290	-.02009	-.00321	.01577
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 641/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.784	199.880	98.59400	-.02820	-.00587	-.00971	-.00377	-4.12290	-.01852	-.00041	.00761
49.898	99.826	98.81900	-.02989	-.00603	-.01798	-.00669	-4.12420	-.00783	.00213	.00856
49.646	-.167	99.54500	-.03305	-.00490	-.02235	-.01016	-4.12340	.01120	-.02450	.00599
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 642/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.943	-.204	99.53700	-.03822	-.00465	-.01941	-.01043	-4.12600	.01132	-.00701	.01280
99.511	99.865	99.09900	-.03318	-.00499	-.01347	-.00850	-4.12370	-.00154	-.00564	.01192
99.587	199.900	98.49200	-.03018	-.00470	-.00702	-.00477	-4.12120	-.01954	-.00948	.01045
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 643/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.180	199.750	98.70700	-.03333	-.00510	-.00661	-.00814	-4.12410	-.01094	-.01642	.01329
199.880	99.860	99.40700	-.03787	-.00598	-.01192	-.00996	-4.12900	.00610	-.04194	.01114
199.890	-.120	99.18600	-.04165	-.00613	-.01608	-.00897	-4.13190	.00178	-.00448	.01130
	GRADIENT	..00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT033) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 644/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.112	-4.234	-1.64930	-.03485	-.00446	-.00600	.00149	-4.12370	-2.03190	-.00611	.00850
-.054	95.825	-1.76020	-.03341	-.00521	-.00856	.00282	-4.12460	-2.03510	.00172	.00540
-.236	195.830	-1.63250	-.03267	-.00632	-.01011	.00272	-4.12690	-2.03200	-.01529	.00993
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 645/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.780	195.810	-1.69210	-.03134	-.00533	-.00515	.00286	-4.12360	-2.03450	-.00364	.01092
49.683	95.886	-1.70960	-.03046	-.00486	-.00115	.00147	-4.12200	-2.03380	-.00272	.00990
49.671	-4.195	-1.60600	-.03264	-.00353	.00102	.00019	-4.12000	-2.03050	-.03785	.01862
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 646/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.773	-4.068	-1.66350	-.03416	-.00186	.00598	-.00226	-4.11680	-2.02940	.00317	.01127
99.712	95.879	-1.94430	-.03215	-.00222	.00840	-.00136	-4.11650	-2.03690	-.00822	.00634
99.747	195.890	-1.85250	-.03158	-.00324	.00923	-.00165	-4.11860	-2.03510	-.00630	.00871
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 647/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.960	195.730	-1.93610	-.02603	-.00258	.01166	-.00159	-4.11350	-2.03710	.00028	.00950
199.940	95.840	-1.79760	-.02856	-.00348	.00784	-.00218	-4.11730	-2.03260	-.00343	.00984
200.060	-4.226	-1.42220	-.03464	-.00547	.00192	-.00564	-4.12590	-2.01890	-.00900	.00899
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT034) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 648/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.381	-3.855	47.73000	-.03376	-.00480	-.00768	-.00397	-4.12370	-2.03090	-.09553	-.01468
-.103	95.887	47.20100	-.02889	-.00560	-.00223	.00067	-4.12270	-2.04890	.00472	.00842
-.080	195.790	47.39900	-.02802	-.00588	-.00175	.00139	-4.12290	-2.04630	-.00546	.00826
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 649/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.762	195.800	47.08800	-.02861	-.00477	.00263	.00044	-4.12050	-2.05200	-.00324	.00785
49.697	95.873	46.98800	-.02903	-.00480	.00146	-.00028	-4.12080	-2.05250	-.00566	.00764
49.832	-4.253	47.46800	-.03281	-.00428	-.00438	-.00420	-4.12190	-2.03610	-.00368	.01426
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 650/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.947	-4.128	47.53800	-.03754	-.00295	-.00342	-.00549	-4.12150	-2.03340	.00013	.01257
99.513	95.820	47.68400	-.03262	-.00260	.00456	-.00196	-4.11770	-2.03730	-.00916	.01019
99.729	195.900	47.19100	-.03075	-.00298	.00725	-.00081	-4.11720	-2.04890	-.00324	.01119
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 651/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.980	195.880	47.03000	-.03181	-.00230	.00718	-.00206	-4.11640	-2.05050	-.00914	.01317
199.990	95.920	47.26600	-.03531	-.00452	.00036	-.00444	-4.12400	-2.04060	-.00502	.01056
200.010	-4.283	47.84400	-.04021	-.00546	-.00508	-.00577	-4.12940	-2.02640	-.01079	.00812
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT035) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 652/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.236	-3.848	99.26500	-.03038	-.00454	-.01526	-.00710	-4.12080	-1.99400	-.08708	-.01903
-.039	95.878	99.22900	-.02854	-.00595	-.00837	-.00486	-4.12330	-2.00020	.00065	.01281
-.177	195.870	98.72000	-.02891	-.00511	-.00211	-.00088	-4.12160	-2 01710	-.00341	.00914
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 653/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.801	195.810	98.67600	-.02868	-.00506	.00190	-.00184	-4.12130	-2.01760	.00449	-.00925
49.700	95.981	99.07600	-.02959	-.00571	-.00688	-.00455	-4.12330	-2.00380	-.00559	.01089
49.652	-4.280	99.27400	-.03264	-.00469	-.01323	-.00657	-4.12270	-1.99530	-.00501	.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 654/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.954	-4.128	99.21900	-.03956	-.00330	-.01201	-.00619	-4.12360	-1.99720	-.00443	.00911
99.616	95.892	99.26300	-.03483	-.00378	-.00636	-.00474	-4.12190	-2.00040	-.00641	.01108
99.662	195.880	98.87900	-.03112	-.00379	.00162	-.00196	-4.11960	-2.01380	-.00817	.01085
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 655/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.010	195.890	98.70300	-.03870	-.00251	-.00164	-.00381	-4.12120	-2.01300	-.01102	.01056
199.850	95.760	99.17000	-.04082	-.00415	-.00641	-.00472	-4.12650	-2.00210	.00508	.00907
199.860	-4.124	99.28500	-.04162	-.00574	-.00816	-.00429	-4.13100	-2.00020	-.00465	.00882
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT036) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 753/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.010	-1.761	198.82000	-.06621	-.00775	-.05676	-.00808	-8.15030	4.00900	-.09994	-.01067
100.060	97.520	199.20000	-.06343	-.01125	-.05592	-.01323	-8.15710	4.02360	-.00046	.00895
99.816	197.490	199.43000	-.05710	-.01439	-.05121	-.01560	-8.16080	4.02960	-.00359	.01360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 754/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.900	197.520	199.19000	-.06249	-.01280	-.04853	-.01467	-8.16030	4.02350	-.01156	.01140
149.510	97.564	199.10000	-.06402	-.01052	-.05231	-.01131	-8.15570	4.01750	-.01232	.00940
149.730	-2.551	198.78000	-.06798	-.00631	-.05562	-.00647	-8.14790	4.00550	-.00619	.01489
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 755/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.850	-2.437	198.70000	-.07365	-.00293	-.05125	-.00562	-8.14310	4.00160	-.01129	.01021
199.860	97.560	198.99000	-.06978	-.00681	-.04862	-.00958	-8.15020	4.01170	-.01137	.01150
200.140	197.340	199.04000	-.06615	-.01077	-.04499	-.01362	-8.15760	4.01810	-.00866	.01369
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT037) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 756/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.479	100.290	98.80700	-.06056	-.01237	-.03893	-.00964	-8.15820	2.00290	-.01065	.01605
99.673	200.280	98.24700	-.05488	-.01248	-.02946	-.00594	-8.15500	1.98430	.00346	.00191
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT037) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 757/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.890	200.350	98.11200	-.05593	-.01246	-.02624	-.00767	-8.15560	1.98320	-.00676	.00015
149.970	100.280	98.75300	-.05913	-.01331	-.03184	-.01175	-8.15960	2.00310	-.00794	.01453
149.960	.338	98.89000	-.06667	-.01251	-.03819	-.01280	-8.16230	2.00900	-.01022	.00931
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 758/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.070	.140	98.80200	-.06927	-.01270	-.03467	-.01284	-8.16440	2.00650	-.00021	.00910
199.710	100.330	98.57900	-.06155	-.01325	-.03027	-.01218	-8.16100	1.99980	-.01226	.01478
199.720	200.190	98.15600	-.05656	-.01298	-.02383	-.00961	-8.15720	1.98650	-.01438	.01527
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT038) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 759/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.080	1.032	151.84000	-.06502	-.01060	-.04740	-.01005	-8.15660	2.06260	-.09838	-.01178
99.928	100.370	151.68000	-.06245	-.01279	-.04166	-.01267	-8.16040	2.06210	-.00323	.01357
99.751	200.320	151.77000	-.05513	-.01353	-.03757	-.01076	-8.15760	2.06040	.00150	.01141
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 760/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.900	200.280	151.77000	-.05995	-.01277	-.03598	-.01085	-8.15880	2.05950	-.00221	.01173
149.860	100.350	151.73000	-.06328	-.01303	-.03950	-.01163	-8.16150	2.06090	-.00675	.01203
149.720	.196	151.60000	-.06825	-.00934	-.04452	-.00836	-8.15550	2.05440	-.00919	.01065
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT038) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 761/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.800	.160	151.51000	-.07287	-.00622	-.03941	-.00653	-8.15090	2.04900	-.01094	.00872
200.130	100.290	151.57000	-.07017	-.01011	-.03784	-.01088	-8.15860	2.05600	-.00887	.01368
199.720	200.240	151.41000	-.06448	-.01182	-.03178	-.01102	-8.15930	2.05180	-.01263	.01729
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT039) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 762/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.927	-.257	.04877	-.06479	-.00879	-.02481	-.00294	-8.15220	.01213	-.00722	.01285
99.654	99.892	-.38134	-.06088	-.00876	-.01611	-.00270	-8.14980	.00172	-.01003	.00938
99.718	199.760	-.54291	-.05276	-.01127	-.01453	-.00253	-8.15080	-.00157	.00023	.01061
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 763/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.800	199.720	-.43600	-.04864	-.01138	-.00403	-.00283	-8.14860	-.00213	.00266	.00953
149.830	99.850	-.55970	-.05397	-.00991	-.00946	-.00265	-8.14830	-.00345	-.00988	.00977
150.120	-.222	.12247	-.05991	-.01112	-.02140	-.00402	-8.15490	.01410	-.00656	.01260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 764/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.290	99.794	-.45440	-.05165	-.01100	-.00389	-.00387	-8.14950	-.00113	-.01869	.01453
199.710	199.790	-.62965	-.04794	-.00985	-.00137	-.00214	-8.14440	-.00762	-.00854	.00679
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT040) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 765/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.080	.515	51.40300	-.06431	-.01118	-.02912	-.00615	-8.15770	.04191	-.09743	-.00821
99.723	99.865	50.93800	-.05967	-.00985	-.01831	-.00174	-8.15160	.02377	-.00444	.00921
99.705	199.800	50.56300	-.05398	-.01019	-.01329	-.00087	-8.14890	.01441	-.00082	.01573
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 766/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.780	199.770	50.41800	-.05309	-.01007	-.01042	-.00104	-8.14810	.01104	-.00609	.01893
149.980	99.952	50.79400	-.05788	-.01097	-.01523	-.00396	-8.15330	.02404	.00164	.00941
150.090	-.243	51.28800	-.06358	-.01134	-.02331	-.00800	-8.15780	.04083	-.00641	.00883
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 767/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.030	-.277	51.32800	-.06666	-.01214	-.01930	-.00904	-8.16150	.04218	.00205	.01197
199.790	99.781	50.81400	-.05912	-.01235	-.01188	-.00696	-8.15740	.02782	-.01244	.01438
199.470	199.730	50.52600	-.05420	-.00998	-.00698	-.00292	-8.14860	.01508	-.01632	.01165
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT041) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 768/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.150	.430	100.15000	-.06408	-.01243	-.03166	-.00855	-8.16060	.02560	-.09522	-.01165
99.758	99.862	99.93000	-.05938	-.01204	-.02689	-.00658	-8.15680	.01680	-.00582	.01303
99.730	199.720	99.18000	-.05472	-.01158	-.01750	-.00304	-8.15280	-.00454	.00126	.01233
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT041) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 769/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.970	199.870	99.35600	-.05747	-.01163	-.01849	-.00394	-8.15450	.00021	-.00062	.00994
149.800	99.892	99.68400	-.05998	-.01273	-.02411	-.00705	-8.15880	.01267	-.00892	.01219
150.050	-.185	100.03000	-.06705	-.01200	-.02822	-.00822	-8.16140	.02218	-.00537	.01334
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 770/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.000	-.232	100.12000	-.07397	-.01011	-.02605	-.00766	-8.16110	.02230	-.00491	.01255
199.750	99.852	100.30000	-.06737	-.01099	-.02197	-.00769	-8.15910	.02424	-.01279	.01266
199.690	199.710	99.43100	-.06078	-.01126	-.01489	-.00639	-8.15580	.00403	-.01430	.01029
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT042) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 771/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.763	-3.482	-.14237	-.06097	-.00948	-.01077	.00116	-8.15160	-2.00100	-.09893	-.00952
99.689	95.867	-.31662	-.05700	-.00856	-.00855	.00299	-8.14690	-2.00750	-.00527	.00987
99.722	195.910	-.30334	-.05294	-.01031	-.00196	.00004	-8.14870	-2.00470	-.00068	.00741
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 772/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
149.650	95.973	-.41324	-.05643	-.00777	-.00001	.00096	-8.14460	-2.00860	-.01468	.01369
150.320	-4.174	-.17078	-.06317	-.00845	-.00685	-.00152	-8.15040	-1.99950	-.00040	.01368
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT042) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 773/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	-4.201	-.15780	-.06523	-.01053	-.00393	-.00422	-8.15700	-1.99530	.00409	.00587
199.400	95.820	-.38073	-.05752	-.00808	.00287	-.00075	-8.14610	-2.00620	-.01532	.01215
199.630	195.900	-.52500	-.05348	-.00728	.00499	.00063	-8.14160	-2.01150	-.01366	.01305
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT043) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 774/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.000	-3.437	48.76700	-.06314	-.01101	-.01668	-.00347	-8.15670	-2.00890	-.09411	-.00790
99.651	95.875	48.33800	-.05845	-.00999	-.00623	.00048	-8.15130	-2.02550	-.00804	.00916
99.718	195.930	47.98900	-.05470	-.00899	-.00261	.00173	-8.14650	-2.03490	-.00073	.01161
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 775/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.850	195.900	48.38200	-.05513	-.00902	-.00048	.00117	-8.14690	-2.02680	.01087	.01028
149.920	96.003	48.56700	-.05802	-.01048	-.00525	-.00104	-8.15230	-2.01900	-.00756	.01112
150.160	-4.085	48.76100	-.06575	-.01051	-.01329	-.00457	-8.15700	-2.00850	-.00332	.00961
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 776/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.210	-4.218	49.04000	-.07109	-.01003	-.01113	-.00458	-8.15920	-2.00350	.00089	-.01018
199.480	95.894	48.44700	-.06430	-.00994	-.00360	-.00337	-8.15470	-2.01900	-.01389	.01024
199.480	195.830	48.34900	-.05893	-.00806	.00006	.00020	-8.14690	-2.02630	-.01173	.01443
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT044) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 777/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.110	-3.372	99.91200	-.06408	-.01215	-.02017	-.00523	-8.16000	-1.98520	-.09337	-.00802
99.741	95.918	99.78000	-.06004	-.01201	-.01568	-.00374	-8.15720	-1.99090	-.00326	.00934
99.555	195.900	99.32300	-.05610	-.01084	-.00496	-.00096	-8.15190	-2.00630	-.00432	.01358
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 778/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.990	195.910	99.35200	-.05838	-.01114	-.00819	-.00110	-8.15410	-2.00510	-.00723	.01436
149.920	95.961	99.86300	-.06147	-.01209	-.01536	-.00347	-8.15830	-1.99020	-.00643	.01131
149.990	-4.078	99.88600	-.06732	-.01207	-.01890	-.00406	-8.16180	-1.98760	-.00810	.00911
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 779/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.040	-4.164	99.62600	-.07607	-.00883	-.01768	-.00296	-8.15940	-1.99470	-.00584	.01060
199.760	95.893	99.62000	-.06949	-.01034	-.01392	-.00318	-8.15890	-1.99530	-.01291	.01292
199.640	195.980	99.64900	-.06382	-.00996	-.00856	-.00208	-8.15460	-1.99740	-.01363	.01126
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT045) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2067/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.017	97.222	200.16000	-.00596	.00135	-.06882	-.02735	-.09061	14.06000	-.00754	10.01600
.033	197.230	199.46000	-.00633	.00051	-.06076	-.02181	-.09300	14.03600	-.00838	10.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT045) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2013/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.042	-2.507	202.10000	-.00480	.00138	-.07749	-.02842	-.08976	14.10000	-.00535	10.01700
49.896	97.362	201.69000	-.00320	.00026	-.06795	-.02721	-.09155	14.08800	-.01025	10.01800
50.055	197.360	200.85000	-.00152	-.00071	-.05828	-.02226	-.09299	14.06300	-.00928	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2014/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.971	197.330	201.10000	.00152	-.00046	-.06115	-.02210	-.09051	14.06800	-.00943	10.02000
99.965	97.401	201.73000	-.00073	.00004	-.07280	-.02611	-.09057	14.08900	-.00623	10.01700
99.865	-2.526	202.07000	-.00194	.00051	-.08160	-.02643	-.09013	14.09800	-.00663	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2015/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.960	-2.685	201.81000	.00393	-.00206	-.08619	-.02462	-.09273	14.09200	-.00809	10.02000
199.870	97.303	202.09000	.00295	-.00212	-.08151	-.02670	-.09349	14.09900	-.00935	10.02000
199.860	197.390	201.55000	.00308	-.00150	-.07433	-.02435	-.09197	14.08400	-.00967	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT046) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2068/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.154	.304	99.06800	-.00648	.00047	-.04390	-.02257	-.09327	12.02600	-.01007	10.01800
-.062	100.330	98.21200	-.00491	-.00079	-.03321	-.01469	-.09553	11.99600	-.00614	10.01700
.133	200.290	98.04900	-.00516	-.00116	-.02963	-.01176	-.09665	11.98700	-.00612	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT046) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2016/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.011	.378	99.88600	-.00341	-.00034	-.04696	-.02227	-.09333	12.04000	-.00545	10.01500
49.879	100.250	100.34000	-.00165	-.00071	-.03618	-.01515	-.09331	12.03800	-.01475	10.02200
50.068	200.320	100.21000	-.00040	-.00109	-.02977	-.01264	-.09354	12.03000	-.00500	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2017/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.779	200.410	100.15000	.00491	-.00172	-.03704	-.01144	-.09178	12.02900	-.01086	10.01500
99.991	100.310	100.60000	.00071	-.00046	-.04118	-.01560	-.09121	12.04500	-.00312	10.01400
99.965	.334	101.04000	-.00374	-.00047	-.05202	-.02261	-.09380	12.06600	-.00701	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2018/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.130	.303	101.90000	-.00393	-.00119	-.06617	-.02451	-.09558	12.08800	-.00625	10.01100
199.690	100.310	101.29000	.00360	-.00107	-.05422	-.01977	-.09077	12.06700	-.00444	10.02300
199.810	200.240	100.51000	.00657	-.00001	-.04925	-.01213	-.08653	12.04000	-.01015	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT047) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2069/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.098	.379	150.06000	-.00262	.00135	-.06311	-.02522	-.08862	12.05500	-.01181	10.01600
.119	100.280	149.18000	-.00578	-.00005	-.05113	-.01989	-.09410	12.02700	-.00797	10.02000
.008	200.370	148.81000	-.00416	-.00130	-.04121	-.01384	-.09629	12.00900	-.00712	10.03200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT047) (26 APR 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	10.000
ALPHAB	=	.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 2019/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.885	.347	150.54000	-.00154	.00064	-.06390	-.02471	-.08967	12.06400	-.00640	10.01400
50.169	100.310	149.75000	-.00291	-.00066	-.04980	-.02023	-.09380	12.03900	-.00541	10.02600
49.908	200.400	148.96000	-.00115	-.00135	-.04061	-.01438	-.09454	12.01300	-.00780	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.020	200.320	149.22000	.00097	-.00061	-.04406	-.01393	-.09144	12.01800	-.00755	10.01400
99.931	100.290	149.81000	.00159	-.00069	-.05568	-.01952	-.09109	12.04100	-.00754	10.01500
99.911	.194	150.16000	-.00033	-.00003	-.06847	-.02353	-.09054	12.05600	-.00762	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2021/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.100	.149	150.00000	-.00242	-.00153	-.07293	-.02353	-.09547	12.05500	-.00667	10.01800
199.750	100.270	149.93000	-.00319	-.00017	-.06621	-.02219	-.09268	12.04900	-.00937	10.01900
199.750	200.360	149.79000	.00438	-.00082	-.05564	-.01746	-.08973	12.03700	-.01093	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT048) (26 APR 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	10.000
ALPHAB	=	.000	BETAB	=	10.000
Y	=	.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 2070/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.001	-.139	18.18700	-.00389	-.00208	-.01659	-.01022	-.09819	9.98970	-.00375	10.01300
.095	99.740	18.03800	-.00346	-.00291	-.01500	-.00714	-.10000	9.98220	-.00861	10.01200
.042	199.690	17.85400	-.00473	-.00282	-.01126	-.00573	-.10060	9.97580	-.00749	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT048) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2022/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.995	-.056	20.66700	.00080	-.00178	-.01636	-.01127	-.09455	10.03600	-.00603	10.01600
49.922	99.691	20.06300	.00205	-.00301	-.01452	-.00816	-.09682	10.02000	-.00837	10.01300
50.090	199.780	20.33900	.00168	-.00322	-.01471	-.00639	-.09757	10.02300	-.00436	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.887	199.740	20.20100	.00801	-.00366	-.02255	-.00551	-.09474	10.02100	-.00824	10.00900
99.929	99.812	20.35100	.00563	-.00228	-.02120	-.00721	-.09281	10.02600	-.00100	10.01900
99.888	-.226	20.79300	.00371	-.00070	-.02071	-.01151	-.09011	10.04000	-.00300	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2024/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.110	-.232	21.74000	.00223	-.00028	-.03974	-.01784	-.08981	10.07200	-.00416	10.01300
199.670	99.686	20.74000	.00704	.00109	-.02955	-.01138	-.08367	10.04200	-.01345	10.02000
199.830	199.790	20.60200	.00632	.00107	-.03099	-.00699	-.08424	10.03300	-.01866	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT049) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2071/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.006	-.094	49.47600	-.00570	-.00143	-.02508	-.01276	-.09765	10.01700	-.00928	10.01700
-.021	199.790	48.43600	-.00362	-.00236	-.01726	-.00819	-.09872	9.98990	-.00593	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT049) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2025/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.977	-.051	51.06400	-.00299	-.00095	-.02644	-.01331	-.09479	10.04600	-.00624	10.01800
49.929	99.601	50.57400	-.00147	-.00179	-.02218	-.01001	-.09597	10.03100	-.00672	10.00800
49.914	199.810	50.40100	.00045	-.00233	-.01856	-.00891	-.09613	10.02500	-.00854	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.070	199.880	50.47700	.00250	-.00221	-.02725	-.00785	-.09455	10.02700	-.00464	10.01400
99.844	99.811	50.67600	-.00052	-.00081	-.02624	-.00998	-.09297	10.03400	-.00775	10.02300
100.020	-.229	51.10100	-.00119	-.00011	-.03041	-.01381	-.09162	10.04900	-.00135	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2027/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.140	-.253	51.93000	-.00138	-.00034	-.04498	-.01989	-.09211	10.07700	-.00462	10.01300
199.620	99.788	51.02600	.00281	.00108	-.03309	-.01305	-.08625	10.04700	-.01367	10.02300
199.900	199.810	50.36500	.00339	.00093	-.03266	-.00843	-.08636	10.02800	-.00894	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT050) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2072/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.089	-.166	102.76000	-.00347	-.00035	-.04260	-.01845	-.09347	10.08800	-.01089	10.01600
.166	99.753	102.13000	-.00454	-.00100	-.03085	-.01123	-.09588	10.06200	-.00618	10.02100
-.022	199.710	101.56000	-.00059	-.00280	-.02295	-.01030	-.09786	10.04900	-.01290	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT050) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2028/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.943	-.177	100.44000	-.00360	-.00055	-.04366	-.01840	-.09403	10.04700	-.00925	10.01800
50.109	99.810	99.89300	-.00226	-.00099	-.03083	-.01182	-.09445	10.02400	-.00403	10.02600
49.994	200.000	101.90000	.00029	-.00209	-.02640	-.00947	-.09559	10.05400	-.00669	10.03000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2029/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.911	199.770	100.35000	.00113	-.00088	-.03038	-.00858	-.09215	10.02700	-.00617	10.00800
99.998	99.694	100.68000	-.00107	-.00035	-.03679	-.01156	-.09212	10.03900	-.00548	10.01000
99.962	-.114	101.22000	-.00476	.00041	-.04870	-.01819	-.09239	10.06200	-.00500	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2030/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	-.229	101.77000	-.00945	.00057	-.05737	-.02088	-.09482	10.07900	-.00556	10.01700
199.750	99.738	101.32000	-.00397	.00067	-.04711	-.01615	-.09132	10.06000	-.00659	10.02500
199.800	199.590	100.41000	.00168	.00082	-.03993	-.01028	-.08761	10.03300	-.01074	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT051) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2073/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.044	95.804	-.25573	-.00289	-.00316	-.00991	-.00431	-.10031	8.00550	-.00717	10.00900
-.028	195.820	-.35480	-.00417	-.00312	-.00548	-.00347	-.10107	8.00170	-.01011	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT051) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2031/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.940	-4.238	1.52700	-.00261	-.00100	-.01240	-.00639	-.09486	8.04210	-.00985	10.01600
49.967	95.760	1.48610	-.00189	-.00175	-.01140	-.00436	-.09627	8.03780	-.01356	10.01600
50.120	195.840	1.32450	-.00123	-.00239	-.01094	-.00346	-.09742	8.03350	-.00640	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2032/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.911	195.840	1.37410	.00381	-.00238	-.01451	-.00433	-.09426	8.03680	-.02027	10.02100
100.020	95.745	1.44360	.00094	-.00096	-.01325	-.00576	-.09258	8.03950	-.00483	10.02000
99.878	-4.217	1.56060	-.00050	-.00003	-.01452	-.00736	-.09118	8.04460	-.00785	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2033/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.140	-4.191	2.14660	-.00185	.00187	-.02645	-.01367	-.08723	8.06810	-.00405	10.01700
199.680	95.770	1.65910	.00080	.00296	-.01926	-.00855	-.08308	8.04950	-.01316	10.01800
199.900	195.860	1.69010	.00185	.00173	-.01920	-.00669	-.08546	8.04790	-.00710	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT052) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2074/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.095	-4.174	49.34700	-.00350	-.00186	-.01995	-.01109	-.09739	8.00930	-.00713	10.02100
-.010	95.933	49.09400	-.00224	-.00228	-.01358	-.00836	-.09769	7.99910	-.00457	10.01400
-.017	195.830	49.05000	-.00129	-.00269	-.01117	-.00734	-.09812	7.99630	-.00995	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT052) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2034/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.047	-4.155	48.95400	-.00384	-.00096	-.02420	-.00961	-.09541	8.00190	-.00522	10.01600
49.936	95.831	50.66400	-.00246	-.00152	-.01892	-.00742	-.09597	8.03490	-.00618	10.02100
50.015	195.920	48.84900	-.00107	-.00203	-.01435	-.00709	-.09639	7.99630	-.00579	10.02400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2035/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.974	195.930	48.98800	-.00096	-.00103	-.01966	-.00667	-.09389	7.99920	-.00470	10.01900
99.806	95.696	48.96500	-.00306	-.00002	-.02207	-.00707	-.09269	8.00030	-.01591	10.02000
99.904	-4.267	49.48400	-.00641	.00109	-.02776	-.01049	-.09200	8.01670	-.00818	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2036/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	-4.185	49.94500	-.00901	.00162	-.03601	-.01712	-.09216	8.03680	-.00921	10.01000
199.680	95.751	49.27900	-.00600	.00338	-.02630	-.01043	-.08619	8.01210	-.00823	10.02200
199.840	195.790	48.93500	-.00187	.00211	-.02453	-.00688	-.08679	8.00000	-.01002	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT053) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2075/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.042	95.752	99.31400	-.00450	-.00094	-.02662	-.00763	-.09579	8.00680	-.00785	10.02600
.031	195.900	99.07500	-.00226	-.00221	-.02183	-.00551	-.09755	7.99780	-.00822	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT053) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2037/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.954	-4.123	100.53000	-.00425	.00010	-.03889	-.01447	-.09293	8.04340	-.01253	10.02100
50.006	95.780	100.21000	-.00269	-.00101	-.02687	-.00831	-.09483	8.02510	-.00646	10.02600
50.008	195.800	99.94100	-.00189	-.00174	-.02161	-.00636	-.09617	8.01620	-.00728	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2038/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.963	195.810	100.06000	-.00014	-.00081	-.02483	-.00546	-.09284	8.01780	-.01007	10.01800
99.933	95.784	100.31000	-.00270	.00006	-.03156	-.00824	-.09222	8.02840	-.00703	10.01600
99.942	-4.277	100.81000	-.00630	.00098	-.04265	-.01476	-.09205	8.05020	-.00895	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2039/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.150	-4.268	101.06000	-.01002	.00022	-.04817	-.01791	-.09611	8.06080	-.00777	10.01300
199.730	95.779	100.69000	-.00850	.00174	-.03965	-.01281	-.09162	8.04460	-.00970	10.02400
199.690	195.800	100.01000	-.00283	.00203	-.03196	-.00758	-.08755	8.02200	-.01168	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT054) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2076/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.052	-2.541	201.47000	-.03742	-.00205	-.07971	-.03190	-4.11790	14.09800	.00608	10.01700
-.051	97.411	201.34000	-.02974	-.00552	-.07476	-.02940	-4.12170	14.09200	.00289	10.01300
-.131	197.440	200.40000	-.03100	-.00534	-.06787	-.02228	-4.12220	14.06100	-.00059	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT054) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2077/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.745	197.350	200.30000	-.02222	-.00573	-.05899	-.02461	-4.11770	14.06100	-.00835	10.01200
99.950	97.275	201.51000	-.02742	-.00500	-.06960	-.02866	-4.11900	14.09200	-.00737	10.01700
99.875	-2.673	201.21000	-.02881	-.00418	-.07856	-.02962	-4.11780	14.09000	-.00760	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2078/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.980	-2.659	201.17000	-.02550	-.00557	-.08414	-.02542	-4.11920	14.08500	-.00607	10.02000
199.920	97.255	201.00000	-.02410	-.00654	-.07802	-.02781	-4.12070	14.08300	-.01158	10.01400
199.880	197.550	200.70000	-.01866	-.00633	-.06859	-.02566	-4.11690	14.07200	-.00851	10.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT055) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2079/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.063	.285	99.48100	-.03568	-.00494	-.05388	-.02226	-4.12410	12.03800	-.01016	10.01900
-.034	100.180	98.85400	-.02778	-.00610	-.04329	-.01369	-4.12230	12.01100	-.00708	10.02000
-.135	200.330	98.39100	-.02537	-.00639	-.03509	-.01221	-4.12150	11.99800	-.00142	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2080/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.937	100.250	98.46700	-.02158	-.00358	-.03860	-.01531	-4.11230	12.00500	-.01043	10.02500
100.030	.223	99.57300	-.02615	-.00550	-.04886	-.02301	-4.11960	12.03900	-.00966	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT055) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2081/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	.196	99.73800	-.02664	-.00552	-.06020	-.02557	-4.11990	12.04900	-.00570	10.00900
199.660	100.210	99.10400	-.01905	-.00524	-.05072	-.02056	-4.11470	12.02800	.00322	10.01800
199.730	200.150	98.91400	-.01353	-.00428	-.04375	-.01450	-4.10910	12.01300	-.01220	10.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT056) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2082/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.028	.199	150.61000	-.03410	-.00336	-.06978	-.02537	-4.11920	12.06700	.00717	10.01200
-.255	100.160	150.07000	-.03266	-.00483	-.06029	-.01914	-4.12200	12.04600	-.00709	10.02100
-.094	200.280	149.52000	-.03033	-.00544	-.04726	-.01424	-4.12220	12.02500	.00140	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2083/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.735	200.330	149.73000	-.02029	-.00513	-.04101	-.01628	-4.11530	12.03100	-.00343	10.01400
99.957	100.130	150.00000	-.02421	-.00546	-.05224	-.02155	-4.11830	12.04600	-.00722	10.01200
99.900	.233	150.50000	-.02686	-.00477	-.06491	-.02563	-4.11820	12.06400	-.00705	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2084/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.020	.227	150.32000	-.02728	-.00589	-.07096	-.02464	-4.12110	12.06100	-.00926	10.01600
199.790	100.220	150.51000	-.02224	-.00611	-.06205	-.02304	-4.11860	12.06000	-.00904	10.02100
199.790	200.080	149.98000	-.01644	-.00569	-.05195	-.01867	-4.11420	12.04200	-.01001	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT057) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2085/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.096	-.121	19.99900	-.02851	-.00656	-.03198	-.00836	-4.12400	10.02100	-.00697	10.02200
.115	99.685	19.52200	-.02815	-.00682	-.02617	-.00613	-4.12450	10.00800	-.00277	10.01400
.067	199.740	19.41600	-.02460	-.00769	-.02178	-.00578	-4.12440	10.00400	.01278	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2086/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.436	199.690	19.34200	-.01517	-.00354	-.01820	-.00659	-4.10850	10.00300	-.00240	10.01300
99.848	99.622	19.35200	-.01443	-.00371	-.01977	-.00763	-4.10840	10.00500	-.00722	10.01000
99.901	-.241	19.87200	-.01603	-.00354	-.02222	-.01045	-4.10890	10.01900	-.00733	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2087/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.290	-.244	20.30000	-.01503	-.00455	-.03275	-.01782	-4.11060	10.04200	.00077	10.00600
199.630	99.694	19.82500	-.00919	-.00369	-.02864	-.01008	-4.10510	10.02000	-.01367	10.01800
199.890	199.610	19.65700	-.00743	-.00445	-.02869	-.00758	-4.10590	10.01400	-.02153	10.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT058) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2088/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.008	99.736	49.90300	-.02852	-.00588	-.03037	-.00798	-4.12240	10.01600	-.01021	10.01800
-.134	199.620	49.75100	-.02305	-.00735	-.02470	-.00766	-4.12260	10.01100	-.01002	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT058) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2089/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.553	199.790	49.62800	-.01691	-.00371	-.02125	-.00868	-4.11000	10.00900	-.00230	10.01800
99.911	99.561	49.69800	-.01772	-.00344	-.02413	-.00994	-4.10980	10.01300	-.00689	10.00800
100.000	-.173	50.21600	-.02075	-.00408	-.02904	-.01367	-4.11310	10.03000	-.00679	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2090/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	-.297	50.46900	-.02150	-.00510	-.04045	-.01979	-4.11590	10.04600	-.00095	10.00700
199.630	99.559	50.11000	-.01730	-.00304	-.03217	-.01328	-4.10840	10.02800	-.01290	10.01700
199.920	199.950	49.76900	-.01384	-.00335	-.03036	-.01002	-4.10710	10.01600	-.01068	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT059) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2091/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.121	-.060	100.48000	-.02968	-.00593	-.05250	-.01620	-4.12300	10.04600	-.00881	10.02000
-.217	99.735	99.73700	-.02853	-.00517	-.03735	-.01054	-4.12060	10.02000	-.00504	10.02200
-.050	199.850	99.47000	-.02692	-.00547	-.03322	-.00791	-4.12030	10.01000	.00273	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2092/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.434	199.800	99.51500	-.01963	-.00347	-.02900	-.00890	-4.11100	10.01100	-.00505	10.01300
99.939	99.699	99.82600	-.02136	-.00365	-.03474	-.01154	-4.11240	10.02200	-.00821	10.01100
99.942	-.171	100.54000	-.02467	-.00484	-.04480	-.01889	-4.11720	10.04800	-.01140	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT059) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2093/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.230	-.152	100.81000	-.02796	-.00523	-.05431	-.02095	-4.12010	10.05900	-.00758	10.01100
199.660	99.703	100.41000	-.02040	-.00523	-.04481	-.01681	-4.11550	10.04300	-.01073	10.01800
199.790	199.790	99.78000	-.01556	-.00377	-.03570	-.01196	-4.10920	10.02200	-.00948	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT060) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2094/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.030	-4.058	-1.36660	-.02410	-.00715	-.02407	-.00408	-4.12280	7.98480	-.01832	10.01700
-.041	95.662	-1.58260	-.02353	-.00745	-.01991	-.00254	-4.12320	7.97780	-.00871	10.01000
-.125	195.780	-1.81580	-.02380	-.00797	-.01401	-.00229	-4.12470	7.97110	.00564	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2095/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.717	195.640	-1.62590	-.01319	-.00352	-.01258	-.00368	-4.10730	7.97680	.01428	10.00400
99.752	95.757	-1.45480	-.01375	-.00336	-.01294	-.00454	-4.10730	7.98100	-.00763	10.02000
99.942	-4.266	-1.40280	-.01500	-.00311	-.01390	-.00674	-4.10740	7.98560	-.00465	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2096/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.260	-4.207	-.83783	-.01558	-.00261	-.02243	-.01378	-4.10700	8.00660	.00110	10.01900
199.450	95.695	-1.15620	-.01337	-.00167	-.01779	-.00817	-4.10280	7.99390	-.01934	10.01200
199.970	195.650	-1.37390	-.01156	-.00261	-.01934	-.00628	-4.10400	7.98690	-.01360	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT061) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2097/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.010	-4.219	50.89300	-.02576	-.00641	-.03462	-.00775	-4.12190	8.03660	-.00594	10.01800
-.220	95.799	50.08000	-.02478	-.00587	-.02213	-.00677	-4.12010	8.01660	.01056	10.01800
-.176	195.870	49.69700	-.02237	-.00657	-.02056	-.00536	-4.12030	8.00680	-.00850	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2098/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.623	195.630	49.76500	-.01470	-.00443	-.01565	-.00727	-4.11040	8.00970	-.00641	10.00000
99.893	95.714	50.18700	-.01711	-.00382	-.01891	-.00816	-4.11040	8.01930	-.00676	10.01900
99.951	-4.151	50.45900	-.02000	-.00456	-.02637	-.01121	-4.11380	8.03110	-.00861	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2099/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	-4.263	51.34400	-.02506	-.00455	-.03800	-.01608	-4.11680	8.05730	-.00417	10.01000
199.580	95.721	50.53300	-.01855	-.00285	-.02741	-.01069	-4.10880	8.03220	-.00836	10.02000
199.790	195.790	50.29400	-.01490	-.00266	-.02350	-.00824	-4.10620	8.02290	-.00837	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT062) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2100/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.087	-4.175	100.11000	-.02583	-.00552	-.04407	-.01422	-4.11960	8.03570	-.01545	10.01400
.061	95.632	99.67200	-.02416	-.00575	-.03494	-.00646	-4.11940	8.01380	.00300	10.01900
-.014	195.820	99.31100	-.02262	-.00584	-.02984	-.00428	-4.11870	8.00270	-.00309	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT062) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2101/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.633	195.690	99.18300	-.01899	-.00314	-.02602	-.00515	-4.10990	8.00040	-.00754	10.00800
99.948	95.713	99.66600	-.02064	-.00382	-.03024	-.00837	-4.11250	8.01520	-.00831	10.01300
100.050	-4.111	100.26000	-.02419	-.00463	-.03968	-.01595	-4.11650	8.04030	-.00843	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2102/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.140	-4.188	100.55000	-.02908	-.00489	-.04664	-.01757	-4.12010	8.04960	-.01028	10.01600
199.730	95.692	99.89000	-.02127	-.00485	-.03796	-.01341	-4.11520	8.02900	-.00959	10.01800
199.810	195.830	99.20200	-.01615	-.00349	-.02883	-.00886	-4.10890	8.00730	-.00936	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT063) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2130/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.230	-2.513	201.34000	-.05624	-.01087	-.08497	-.03106	-8.15020	14.09600	-.00228	10.01700
99.830	97.366	200.98000	-.05330	-.01174	-.07675	-.02965	-8.15060	14.08400	-.01436	10.00800
99.798	197.520	200.44000	-.04687	-.01293	-.06271	-.02537	-8.14970	14.06500	.00318	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2131/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.940	197.510	200.50000	-.04293	-.01338	-.06626	-.02635	-8.14890	14.06700	-.00363	10.01400
150.180	97.479	201.11000	-.04691	-.01342	-.07383	-.03041	-8.15070	14.08700	-.00706	10.01900
149.990	-2.424	201.20000	-.05126	-.01210	-.08003	-.03106	-8.15020	14.09200	-.00526	10.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT063) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2132/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.050	-2.530	200.96000	-.05337	-.01094	-.08025	-.02947	-8.14870	14.08500	-.00842	10.01800
199.890	97.494	201.04000	-.04776	-.01232	-.07372	-.03102	-8.14860	14.08700	-.01773	10.01600
199.940	197.500	200.60000	-.04192	-.01263	-.06420	-.02785	-8.14590	14.07200	-.01342	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT064) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2133/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.260	.405	99.10100	-.05581	-.01130	-.05649	-.02104	-8.15140	12.02900	-.00587	10.01800
99.638	100.300	98.30700	-.04759	-.00910	-.04270	-.01415	-8.14110	12.00100	.00623	10.02300
99.721	200.360	97.73500	-.03815	-.01011	-.03456	-.01262	-8.13790	11.98600	-.00337	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2134/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.950	200.300	97.98800	-.03355	-.00942	-.03472	-.01361	-8.13330	11.99200	-.00713	10.01200
150.100	100.270	98.25400	-.03875	-.01041	-.04289	-.01731	-8.13880	12.00400	-.01037	10.01200
150.230	.352	99.06800	-.04748	-.01080	-.05474	-.02408	-8.14500	12.03200	-.01528	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2135/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.110	.335	99.22300	-.04430	-.01183	-.06198	-.02509	-8.14540	12.03900	-.00497	10.01400
199.910	100.300	98.59500	-.03889	-.01103	-.05029	-.01981	-8.14030	12.01600	-.00991	10.01800
199.720	200.250	98.04000	-.03119	-.00934	-.04059	-.01488	-8.13150	11.99600	-.01366	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT065) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2136/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.140	.364	152.87000	-.05733	-.01058	-.07176	-.02636	-8.15040	12.11000	-.00899	10.01500
99.841	100.230	152.42000	-.05190	-.01126	-.06009	-.02158	-8.14880	12.09200	.01380	10.02100
99.762	200.340	151.67000	-.04320	-.01116	-.04607	-.01633	-8.14340	12.06600	-.00401	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2137/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.910	200.380	151.81000	-.03894	-.01139	-.04584	-.01768	-8.14130	12.07100	-.01011	10.01700
150.230	100.320	152.48000	-.04525	-.01244	-.05842	-.02337	-8.14760	12.09500	-.01473	10.01400
150.120	.497	152.90000	-.05022	-.01202	-.06904	-.02690	-8.14950	12.11100	-.01466	10.02400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2138/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	.311	152.84000	-.05066	-.01155	-.07009	-.02678	-8.14860	12.11000	-.00440	10.02100
199.880	100.300	152.43000	-.04412	-.01189	-.05944	-.02487	-8.14540	12.09700	-.01239	10.01400
199.970	200.410	152.06000	-.03831	-.01156	-.04966	-.01992	-8.14130	12.08000	-.00953	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT066) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2139/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.160	-.037	19.19900	-.03991	-.00875	-.03166	-.00860	-8.13570	10.00600	-.00683	10.01600
99.810	199.790	18.78400	-.03266	-.00802	-.01968	-.00584	-8.12960	9.99150	-.00542	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT066) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2140/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.990	199.830	18.79800	-.02800	-.00724	-.02214	-.00765	-8.12470	9.99470	-.00327	10.01600
149.950	99.718	19.05400	-.02980	-.00706	-.02252	-.00881	-8.12540	10.00100	-.00967	10.01900
150.290	-.068	19.36000	-.03463	-.00778	-.02695	-.01212	-8.13010	10.01300	-.01419	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2141/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	-.116	19.85100	-.03473	-.00906	-.03342	-.01590	-8.13310	10.02900	-.00113	10.01300
199.770	99.721	19.31400	-.03042	-.00691	-.02888	-.01060	-8.12530	10.01100	-.01057	10.01800
199.960	199.780	19.35300	-.02802	-.00697	-.02670	-.00935	-8.12400	10.00900	-.01768	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT067) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2142/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.200	-.153	49.20500	-.04646	-.00975	-.03752	-.01164	-8.14210	10.01200	.01662	10.01100
99.763	99.792	48.70700	-.04248	-.00782	-.02838	-.00870	-8.13500	9.99550	-.00299	10.01700
99.881	199.830	48.49400	-.03618	-.00873	-.02144	-.00816	-8.13340	9.98900	.00761	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2143/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.880	199.770	48.64900	-.02991	-.00813	-.02394	-.00963	-8.12800	9.99460	.00286	10.01700
150.050	99.770	48.91600	-.03362	-.00807	-.02800	-.01076	-8.13010	10.00200	-.00122	10.01900
150.300	-.117	49.44300	-.04194	-.00954	-.03590	-.01490	-8.13870	10.02000	.01111	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT067) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2144/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.190	-.192	49.75100	-.04042	-.01090	-.04211	-.01834	-8.14100	10.03200	.00162	10.01300
199.690	99.697	48.99700	-.03476	-.00809	-.03402	-.01256	-8.13090	10.00800	-.01233	10.02000
199.740	199.840	49.87800	-.03056	-.00768	-.02961	-.01098	-8.12730	10.00200	-.02110	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT068) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2145/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.110	-.057	100.75000	-.05482	-.01041	-.05461	-.01760	-8.14870	10.05500	-.01053	10.01900
99.583	99.750	99.80100	-.04611	-.00967	-.03914	-.01152	-8.14160	10.02400	-.01869	10.02100
99.901	199.750	99.50500	-.03898	-.00957	-.03141	-.00997	-8.13710	10.01400	.00069	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2146/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.890	199.850	99.59700	-.03557	-.00886	-.02998	-.01077	-8.13320	10.01700	-.01705	10.01100
150.180	99.925	100.02000	-.04072	-.01016	-.03807	-.01404	-8.13950	10.03100	.01316	10.01900
150.130	-.181	100.66000	-.04607	-.01137	-.05151	-.02025	-8.14560	10.05600	-.02947	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2147/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.210	-.192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.760	99.793	100.14000	-.04108	-.01057	-.04401	-.01624	-8.14060	10.03800	-.02882	10.02300
199.700	199.780	99.78200	-.03366	-.00903	-.03387	-.01192	-8.13240	10.02300	-.01202	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT069) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2148/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.100	-3.957	.04515	-.04118	-.00753	-.02364	-.00441	-8.13360	8.01040	-.01334	10.01600
99.826	95.822	-.34241	-.03852	-.00711	-.01788	-.00230	-8.13100	7.99900	.00210	10.01300
99.861	195.880	-.16183	-.03300	-.00825	-.01435	-.00213	-8.13040	8.00090	.00484	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2149/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.820	195.960	-.41935	-.02741	-.00670	-.01524	-.00504	-8.12310	8.00080	-.00383	10.01300
149.930	95.883	.06977	-.02954	-.00615	-.01615	-.00566	-8.12310	8.01130	.00997	10.01600
150.300	-3.882	.21054	-.03490	-.00654	-.02128	-.00706	-8.12730	8.01710	-.01824	10.03100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2150/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.230	-4.067	.61732	-.03373	-.00784	-.02246	-.01163	-8.12960	8.03150	.00143	10.01300
199.660	95.888	.29741	-.03172	-.00549	-.02014	-.00746	-8.12280	8.01890	-.00985	10.01900
199.970	195.880	.15139	-.02735	-.00668	-.01960	-.00708	-8.12290	8.01590	-.01435	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT070) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2151/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.030	-3.942	49.93900	-.04816	-.00909	-.03573	-.00785	-8.14160	8.01850	.00054	10.01500
99.639	95.926	49.48600	-.04226	-.00816	-.02546	-.00638	-8.13580	8.00540	-.00498	10.01600
99.907	195.980	49.48300	-.03600	-.00893	-.01940	-.00581	-8.13380	8.00270	-.00007	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT070) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2152/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.910	195.860	49.13900	-.03127	-.00794	-.01983	-.00682	-8.12840	7.99740	-.00523	10.01400
150.030	95.982	49.57100	-.03508	-.00795	-.02330	-.00799	-8.13080	8.00800	-.00851	10.02200
150.220	-4.063	50.04200	-.04195	-.00974	-.03184	-.01224	-8.13930	8.02540	-.01118	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2153/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.210	-4.007	50.29000	-.04334	-.01020	-.03680	-.01571	-8.14120	8.03650	-.00391	10.01300
199.690	95.885	49.33700	-.03421	-.00816	-.02810	-.00960	-8.13070	8.00750	-.01384	10.01700
199.860	195.940	49.62900	-.03067	-.00745	-.02378	-.00769	-8.12690	8.00920	-.01660	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT071) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2154/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.050	-4.029	103.34000	-.05269	-.01005	-.04930	-.01503	-8.14650	8.09960	-.00676	10.01900
99.853	95.858	102.60000	-.04909	-.00826	-.03914	-.00700	-8.14020	8.07120	-.00803	10.02200
99.651	195.790	102.16000	-.04496	-.00731	-.02992	-.00525	-8.13540	8.05820	-.01478	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2155/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.040	95.895	102.83000	-.04244	-.00993	-.03512	-.01118	-8.14010	8.08070	-.01100	10.01200
150.310	-4.016	103.40000	-.05056	-.01007	-.04791	-.01633	-8.14530	8.10200	-.01682	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT071) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2156/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.010	-4.016	103.38000	-.05142	-.01070	-.04745	-.01794	-8.14730	8.10420	-.01398	10.01800
199.780	95.952	102.87000	-.04241	-.01029	-.03707	-.01395	-8.14080	8.08600	-.00099	10.01900
199.780	196.000	102.56000	-.03614	-.00868	-.02845	-.00960	-8.13320	8.07170	-.00868	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT072) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2184/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.343	-2.091	199.34000	.04980	.01734	-.05626	-.01303	9.98370	4.02600	10.04300	.02020
.149	97.168	199.58000	.04979	.01643	-.05221	-.01866	9.98170	4.03770	9.98940	.01918
.253	197.180	199.44000	.05068	.01586	-.04517	-.01946	9.98080	4.03450	9.99520	.02264
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2185/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.520	197.180	199.64000	.04898	.01343	-.05647	-.01813	9.97390	4.03950	9.99660	.02005
100.280	97.148	199.49000	.05231	.01155	-.06194	-.01419	9.97130	4.03170	9.99500	.01924
100.190	-2.914	199.05000	.05539	.01195	-.05709	-.00949	9.97410	4.01590	9.99380	.01782
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2186/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.480	-2.885	198.79000	.05232	.00883	-.05594	-.00578	9.96450	4.00540	9.99070	.02536
200.110	97.130	198.88000	.05336	.00923	-.05457	-.00766	9.96620	4.00940	9.99110	.01540
200.410	197.060	199.24000	.04952	.00775	-.06148	-.00942	9.96020	4.02070	9.99300	.01852
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT073) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2187/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.318	.752	100.82000	.04725	.01910	-.03488	-.01797	9.98640	2.04900	10.04900	.02224
.259	99.982	100.46000	.04532	.01618	-.02427	-.01377	9.97810	2.03360	9.98460	.01866
.391	200.030	99.64200	.04616	.01354	-.01447	-.00905	9.97210	2.00920	9.99460	.02069
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2188/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.520	200.030	100.44000	.04834	.01339	-.03106	-.01201	9.97310	2.03240	10.00300	.02450
100.340	99.792	100.55000	.04765	.01319	-.04076	-.01545	9.97230	2.04200	10.00100	.01707
100.210	-.081	101.04000	.05020	.01295	-.05021	-.01683	9.97340	2.05590	9.99860	.01233
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2189/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.640	-.089	100.63000	.04601	.00617	-.05154	-.00949	9.95420	2.03790	9.98830	.01679
200.140	99.898	100.83000	.04422	.00674	-.05328	-.01206	9.95450	2.04590	9.99090	.02357
200.130	199.990	100.64000	.04479	.00645	-.05096	-.01122	9.95420	2.04030	9.98880	.02368
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT074) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2190/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.151	99.887	149.87000	.05175	.01635	-.03666	-.01579	9.98260	2.02840	9.98910	.02115
.360	200.070	149.12000	.04929	.01377	-.02743	-.01359	9.97460	2.00930	9.99400	.02053
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT074) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2191/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.500	199.990	149.91000	.04714	.01346	-.03994	-.01508	9.97270	2.02900	9.99800	.02084
100.270	99.903	149.60000	.04855	.01354	-.04680	-.01484	9.97380	2.02530	9.99590	.02088
100.180	.000	149.72000	.05175	.01138	-.05010	-.01253	9.97050	2.02500	9.98950	.01756
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2192/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.350	-.117	149.30000	.05216	.00870	-.03882	-.00706	9.96410	2.00570	9.99120	.02212
200.410	99.939	149.60000	.04669	.00759	-.04624	-.00883	9.95810	2.01590	9.99330	.01392
200.110	199.950	149.51000	.04612	.00745	-.04832	-.01101	9.95740	2.01820	9.99100	.02030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT075) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2193/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.906	.226	18.88500	.04261	.01571	-.00924	-.00887	9.97510	-.00341	10.05800	.02056
.080	99.449	18.25600	.04295	.01312	-.00265	-.00680	9.96890	-.02017	9.98400	.02040
227	199.550	18.72200	.03988	.01300	-.00356	-.00529	9.96680	-.01356	9.98870	.01947
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2194/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.440	199.490	18.99000	.05124	.01063	-.01450	-.00683	9.96810	-.00309	9.99910	.02149
100.240	99.389	18.85400	.05192	.01095	-.01852	-.00732	9.96920	-.00383	10.00200	.01855
100.380	-.511	19.64500	.04929	.01110	-.02944	-.01075	9.96810	.01814	10.00500	.01789
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT075) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2195/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.840	-.600	19.77700	.04336	.00443	-.04035	-.01238	9.94830	.02569	9.99730	.02315
199.940	99.470	19.30100	.04599	.00480	-.03525	-.00833	9.95080	.00972	9.98710	.01982
199.730	199.500	19.33000	.05084	.00641	-.02849	-.00474	9.95760	.00350	9.98150	.02193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT076) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2196/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.603	.290	47.58700	.04438	.01702	-.01654	-.01010	9.97940	-.02433	10.04700	.02366
.175	99.388	46.95600	.04350	.01449	-.00432	-.00623	9.97260	-.04501	9.99120	.01827
.137	199.570	47.07400	.04410	.01196	.00256	-.00645	9.96670	-.04460	9.99250	.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2197/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.450	199.530	47.26300	.05083	.01149	-.01438	-.00573	9.96990	-.03721	10.00300	.02170
100.250	99.414	49.64500	.05080	.01191	-.02399	-.00704	9.97100	.00939	9.99940	.01817
100.490	-.640	49.83500	.04797	.01171	-.03245	-.01225	9.96860	.02259	10.00300	.01572
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2198/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.550	-.573	50.39400	.04318	.00535	-.04054	-.01075	9.95050	.03311	9.99270	.01889
200.060	99.412	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.950	199.420	49.42300	.04721	.00622	-.03198	-.00571	9.95490	.00537	9.98720	.02221
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT077) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2199/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.233	.238	99.53500	.04861	.01880	-.02895	-.01189	9.98640	.01570	10.04600	.02193
.503	99.517	99.36200	.04725	.01484	-.01674	-.00851	9.97590	.00451	9.99290	.02209
.302	199.480	98.89400	.04657	.01283	-.00597	-.00542	9.97040	-.01146	9.99380	.01343
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2200/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.380	199.490	99.41400	.04757	.01353	-.02188	-.00722	9.97280	.00495	10.00200	.02133
100.330	99.335	100.03000	.04744	.01290	-.03225	-.01030	9.97130	.02391	9.99720	.02064
100.150	-.539	99.94100	.04984	.01301	-.03704	-.01245	9.97320	.02656	9.99990	.01672
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2201/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.540	-.584	99.53300	.04681	.00617	-.02797	-.00936	9.95460	.01190	9.99120	.01921
200.160	99.419	99.92400	.04340	.00731	-.03476	-.01006	9.95530	.02200	9.99160	.02125
200.170	199.540	99.66900	.04386	.00698	-.03655	-.00843	9.95480	.01588	9.98790	.02172
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT078) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2202/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.865	-3.705	-1.29350	.04442	.01480	-.00113	-.00348	9.97380	-2.02010	10.05800	.01977
.216	95.427	-1.50000	.04404	.01295	.00463	-.00383	9.96910	-2.02500	9.98770	.02120
.154	195.590	-1.58330	.04211	.01203	.00697	-.00498	9.96570	-2.02540	9.98640	.02352
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT078) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2203/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.490	195.470	-1.70980	.05330	.01010	-.00383	-.00405	9.96790	-2.02640	10.00200	.02253
100.200	95.364	-1.14650	.05439	.01008	-.00671	-.00356	9.96860	-2.01570	9.99510	.01895
100.400	-4.567	-1.02670	.05214	.01111	-.01634	-.00428	9.96980	-2.01000	10.00800	.01997
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2204/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.840	-4.632	-.72710	.04447	.00420	-.02475	-.00846	9.94830	-1.99600	9.99850	.01679
199.790	95.428	-.91321	.05002	.00470	-.01841	-.00375	9.95290	-2.00800	9.98300	.01795
199.800	195.470	-1.41220	.05336	.00606	-.01129	-.00145	9.95820	-2.02260	9.98510	.02045
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT079) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2205/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.440	-3.667	47.44900	.04814	.01688	-.01103	-.00474	9.98130	-2.03730	10.05200	.02308
.254	95.384	46.95700	.04593	.01417	.00410	-.00157	9.97320	-2.05510	9.98900	.02054
.240	195.500	46.73900	.04448	.01186	.00892	-.00158	9.96670	-2.06020	9.99140	.01835
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2206/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.270	95.424	47.65500	.05153	.01238	-.01340	-.00256	9.97240	-2.03630	9.99690	.01321
100.400	-4.533	47.93000	.04994	.01153	-.02267	-.00770	9.96950	-2.02090	10.00300	.01590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT079) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2207/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.730	-4.572	47.86600	.04443	.00466	-.02173	-.00907	9.94940	-2.01960	9.99360	.02014
200.050	95.398	47.59000	.04308	.00622	-.02473	-.00614	9.95240	-2.02820	9.99380	.02195
199.930	195.480	47.57700	.04747	.00655	-.01798	-.00267	9.95580	-2.03570	9.98400	.02173
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT080) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2208/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.196	-3.652	99.69800	.05143	.01908	-.02045	-.00785	9.98880	-1.98470	10.04500	.02169
.376	95.448	99.57600	.04900	.01626	-.01117	-.00519	9.98030	-1.99350	9.98850	.01879
.454	195.620	99.11800	.04675	.01349	.00104	-.00137	9.97200	-2.01080	9.99260	.01631
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2209/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.310	195.550	99.60800	.04782	.01414	-.01433	-.00312	9.97440	-1.99490	9.99750	.02135
100.420	95.487	99.88300	.04929	.01268	-.02207	-.00715	9.97190	-1.98190	10.00300	.02252
100.140	-4.644	100.06000	.05184	.01231	-.02229	-.00977	9.97260	-1.97500	9.99330	.01411
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2210/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.630	-4.620	99.51100	.04766	.00608	-.01017	-.00717	9.95480	-1.99220	9.98950	.01998
200.220	95.385	99.97500	.04593	.00613	-.01644	-.00890	9.95390	-1.97810	9.98890	.01850
200.150	195.460	100.03000	.04390	.00745	-.02093	-.00726	9.95590	-1.97910	9.98650	.02222
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT081) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 2238/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.699	-1.974	200.49000	.02053	.01069	-.06694	-.00640	5.94850	4.04130	10.03600	.02485
.159	97.137	200.76000	.01821	.00971	-.06491	-.01244	5.94480	4.05390	9.98220	.02065
-.099	197.130	200.66000	.02163	.00859	-.05807	-.01539	5.94420	4.05490	10.00600	.02013
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2239/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.480	197.080	200.96000	.01724	.00835	-.04444	-.02031	5.94100	4.06410	9.99350	.01823
100.090	97.131	200.52000	.01679	.01022	-.04750	-.01727	5.94520	4.05200	9.99110	.02149
100.100	-2.966	200.30000	.01804	.01171	-.04940	-.01170	5.94950	4.04050	9.99490	.01755
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2240/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.330	-2.877	200.20000	.02698	.00536	-.04912	-.00883	5.93960	4.03460	9.98660	.02019
200.130	97.106	200.38000	.02693	.00577	-.04360	-.01271	5.94060	4.04220	9.99150	.02014
200.260	197.120	200.38000	.01917	.00577	-.04515	-.01596	5.93580	4.04690	9.99030	.01754
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT082) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2241/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.152	99.998	98.93800	.01245	.01095	-.02610	-.01077	5.94410	2.00120	9.98330	.02065
.030	199.940	98.49500	.01622	.00801	-.01659	-.00752	5.93920	1.98570	10.00200	.01827
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT082) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2242/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.500	200.010	98.63700	.01864	.00862	-.02122	-.01184	5.94220	1.99540	10.00800	.01753
100.300	100.060	99.18600	.01805	.00901	-.02916	-.01640	5.94290	2.01470	9.99660	.02254
100.140	-.080	99.74900	.01895	.00974	-.03491	-.02052	5.94530	2.03290	9.99810	.01415
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2243/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.720	-.047	99.52800	.01771	.00390	-.04034	-.01458	5.93030	2.02170	9.99610	.01894
200.210	99.976	99.87800	.01569	.00444	-.04004	-.01623	5.93040	2.03070	9.99390	.01891
200.080	200.080	99.17100	.01518	.00505	-.03601	-.01449	5.93150	2.01330	9.98910	.01903
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT083) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2244/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.339	.945	149.60000	.01931	.01167	-.04420	-.01264	5.95010	2.02090	10.03000	.02452
.066	100.010	149.59000	.01665	.01141	-.03832	-.01393	5.94790	2.02160	9.96660	.01966
.372	200.040	149.56000	.01520	.00848	-.03348	-.01125	5.93980	2.01610	10.00200	.01895
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2245/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.310	199.910	149.68000	.01750	.00826	-.02819	-.01672	5.94080	2.02470	9.99490	.01947
100.150	99.978	149.88000	.01788	.00952	-.03572	-.01684	5.94410	2.03050	10.00000	.02018
100.090	-.041	149.87000	.01626	.01109	-.03834	-.01430	5.94690	2.02750	9.99270	.01944
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT083) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 2246/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.340	-.003	149.38000	.02608	.00475	-.03745	-.00799	5.93740	2.00890	9.99020	.02093
200.390	99.968	149.57000	.02052	.00444	-.03441	-.01356	5.93330	2.01950	9.99410	.01747
200.160	200.160	149.47000	.01671	.00489	-.03320	-.01654	5.93210	2.02140	9.99180	.02318
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT084) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2247/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.696	.468	19.29700	.01532	.00971	-.01130	-.00606	5.94270	.00088	10.04100	.02508
.045	99.501	19.31300	.01409	.00912	-.00640	-.00352	5.94040	-.00442	9.98910	.01907
.071	199.710	18.87400	.01608	.00759	-.00663	-.00221	5.93790	-.01417	9.99860	.01909
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2248/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.440	199.560	19.49700	.01929	.00943	-.01419	-.00481	5.94440	.00304	10.01200	.01192
100.210	99.495	19.66500	.01897	.00944	-.01109	-.00753	5.94430	.00944	9.99490	.01205
100.400	-.597	20.06100	.01574	.00944	-.01614	-.01183	5.94240	.02438	9.99930	.02094
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2249/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.000	-.482	20.33100	.01671	.00247	-.02686	-.01583	5.92620	.03791	10.00900	.02244
100.870	99.433	19.90700	.01794	.00375	-.01915	-.01196	5.92990	.02210	9.99440	.01966
199.910	199.570	19.71400	.02015	[illegible]	-.01723	-.00703	5.93560	.01112	9.98420	.01847
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT085) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2250/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.426	.463	48.85100	.01591	.01056	-.01828	-.00743	5.94510	-.00522	10.03900	.01189
.204	99.615	48.24800	.01370	.00918	-.00746	-.00366	5.94030	-.02457	9.98720	.00959
-.040	199.550	48.03000	.01699	.00689	-.00299	-.00329	5.93680	-.03044	9.99990	.02446
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2251/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.370	199.540	48.33500	.01997	.00926	-.01112	-.00511	5.94440	-.01978	10.00800	.01729
100.330	99.559	48.57000	.01940	.00928	-.01384	-.00754	5.94420	-.01143	9.99840	.01862
100.330	-.512	49.13700	.01645	.00912	-.01786	-.01400	5.94210	.00994	9.99720	.01376
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2252/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.730	-.473	49.40000	.01735	.00219	-.02867	-.01499	5.92590	.01902	9.99430	.01873
200.090	99.447	49.05400	.01711	.00326	-.02275	-.01316	5.92830	.00823	9.99270	.01983
199.840	199.650	48.67900	.02078	.00348	-.01582	-.00999	5.93100	-.00516	9.98710	.02154
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT086) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2253/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.254	.551	100.73000	.02031	.01195	-.02720	-.01039	5.95130	.03365	10.03300	.02555
.293	99.473	100.21000	.01655	.00968	-.02098	-.00605	5.94340	.01619	9.99440	.02088
.059	199.600	99.89900	.01683	.00755	-.01013	-.00403	5.93830	.00460	9.99510	.02043
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT086) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB
SCALE = .0100	

PARAMETRIC DATA

ALPHA =	10.000	BETA =	.000
ALPHAB =	6.000	BETAB =	.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 2254/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.530	199.580	100.34000	.01684	.00883	-.01161	-.00904	5.94150	.02034	10.00200	.02028
100.240	99.589	100.56000	.01708	.00950	-.02022	-.01210	5.94340	.03141	10.00200	.01903
100.040	-.506	100.89000	.01776	.01030	-.02632	-.01515	5.94580	.04377	9.99550	.00229
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2255/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.570	-.469	100.62000	.02132	.00270	-.02744	-.01005	5.92950	.03142	9.99110	.01903
200.190	99.526	100.56000	.01782	.00323	-.02786	-.01201	5.92870	.03361	9.99050	.01970
200.070	199.610	100.42000	.01744	.00373	-.02219	-.01201	5.92960	.02938	9.98720	.02127
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT087) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB
SCALE = .0100	

PARAMETRIC DATA

ALPHA =	10.000	BETA =	.000
ALPHAB =	6.000	BETAB =	-2.000
Y =	.000	JET PC =	.000
MACH =	4.500		

RUN NO. 2257/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.525	-3.559	.38987	.01703	.00977	.00006	-.00204	5.94370	-1.98850	10.04700	.02075
-.001	95.511	.24153	.01536	.00862	.00249	-.00194	5.93990	-1.99210	9.98530	.01576
.101	195.470	.23645	.01519	.00783	.00357	-.00231	5.93790	-1.99200	9.99860	.01779
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2258/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.260	195.510	.64634	.02159	.00906	.00220	-.00546	5.94490	-1.98120	10.00700	.02134
100.400	95.478	[illegible]	[illegible]	.00918	[illegible]	[illegible]	[illegible]	[illegible]	10.00200	.02082
100.280	-4.605	.57494	.02018	.00894	-.00582	-.00566	5.94370	-1.97800	9.99820	.01862
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT087) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 2259/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.030	-4.550	1.21020	.01950	.00151	-.01481	-.01090	5.92550	-1.95600	10.00700	.02165
199.720	95.411	.78387	.02161	.00338	-.00801	-.00660	5.93120	-1.97220	9.98370	.02038
199.780	195.550	.44940	.02435	.00469	-.00316	-.00473	5.93600	-1.98230	9.98380	.02510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT088) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 2260/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.333	-3.586	49.12300	.02085	.00978	-.01013	-.00349	5.94620	-2.00500	10.04200	.01787
.220	95.583	48.76800	.01577	.00881	-.00017	-.00034	5.94060	-2.01890	9.99070	.01865
.063	195.490	48.59500	.01558	.00715	.00265	-.00024	5.93650	-2.02280	9.99440	.02005
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2261/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.310	195.490	48.78700	.02032	.00883	.00457	-.00417	5.94350	-2.01410	10.00400	.01991
100.190	95.461	48.92400	.01768	.01042	-.00369	-.00448	5.94580	-2.00880	10.00000	.01873
100.380	-4.536	49.63400	.01713	.00942	-.01356	-.00881	5.94310	-1.98700	10.00400	.01592
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2262/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.840	-4.509	49.80000	.01864	.00135	-.01991	-.00932	5.92450	-1.98090	10.00100	.01660
200.010	95.415	49.54200	.01900	.00240	-.01617	-.00777	5.92720	-1.98930	9.99300	.01858
199.800	195.580	49.17500	.02132	.00361	-.00942	-.00463	5.93150	-2.00250	9.98260	.02089
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT089) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 2263/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
2.080	-3.633	101.64000	.02501	.01151	-.01962	-.00583	5.95300	-1.95270	10.03900	.02139
.209	95.461	101.24000	.02013	.00941	-.01402	-.00264	5.94480	-1.96670	9.98910	.02139
.226	195.540	101.09000	.02002	.00717	-.00433	-.00050	5.93930	-1.97450	9.99750	.02204
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2264/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.360	195.530	101.22000	.01601	.00991	-.00715	-.00385	5.94350	-1.96700	10.00100	.02349
100.070	95.457	101.79000	.01400	.01151	-.01418	-.00748	5.94620	-1.94910	9.99420	.01155
100.280	-4.630	101.69000	.01606	.01174	-.01812	-.00966	5.94810	-1.94710	10.00200	.01967
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2265/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.540	-4.620	101.56000	.02177	.00231	-.01312	-.00678	5.92870	-1.95480	9.99130	.01827
200.270	95.411	101.81000	.01793	.00334	-.01537	-.00855	5.92890	-1.94690	9.99040	.01998
199.910	195.520	101.62000	.01533	.00481	-.01397	-.00772	5.93080	-1.95180	9.98440	.02167
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT090) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 891/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	201.81000	.05922	.01458	-.08097	-.02956	9.98460	14.10100	9.98920	10.01700
.221	97.842	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.138	197.780	200.65000	.05655	.01150	-.05726	-.01934	9.97500	14.05800	9.99380	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT090) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 892/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.831	197.690	201.00000	.06632	.01042	-.07035	-.02099	9.97860	14.07100	9.99560	10.00200
49.707	97.698	201.65000	.06575	.01166	-.08288	-.02766	9.98150	14.09600	9.98960	10.00900
49.954	-2.477	201.95000	.06845	.01090	-.08941	-.03131	9.98130	14.10900	9.99750	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 893/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.110	-2.416	202.38000	.07184	.00775	-.10621	-.02954	9.97570	14.11800	9.99630	10.01100
99.766	97.709	202.10000	.07021	.00958	-.09941	-.02920	9.97930	14.11100	9.98960	10.00400
99.892	197.760	201.51000	.07026	.00975	-.08775	-.02337	9.97940	14.08800	9.99310	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 894/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	197.640	202.64000	.06831	.00539	-.12986	-.02516	9.96780	14.12300	9.99530	10.00900
200.030	97.693	202.73000	.06755	.00412	-.13463	-.02450	9.96410	14.12500	9.99010	10.01000
199.960	-2.414	202.78000	.06822	.00423	-.13445	-.02225	9.96490	14.12300	9.99060	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT091) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 895/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.105	.419	101.60000	.05207	.01162	-.04900	-.01619	9.97250	12.07000	9.99150	10.00700
.137	100.550	101.05000	.05174	.00700	-.03915	-.00885	9.96060	12.04600	9.99170	10.02100
.091	200.510	100.55000	.05536	.00410	-.03178	-.00672	9.95550	12.03100	9.98970	10.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT091) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 896/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.968	200.530	100.94000	.05917	.00671	-.04487	-.00649	9.96450	12.04200	9.99910	10.00300
49.753	100.510	101.22000	.05767	.00905	-.05048	-.01016	9.96940	12.05500	9.99370	10.00400
49.784	.280	102.04000	.05862	.01199	-.05950	-.01958	9.97750	12.08600	9.99580	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 897/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.010	.500	102.64000	.06239	.01127	-.07927	-.02359	9.97830	12.10900	9.99650	10.00400
99.862	100.340	101.84000	.06381	.00972	-.06227	-.01508	9.97500	12.07600	9.99010	10.01800
99.851	200.520	101.36000	.06401	.00778	-.05603	-.00981	9.97040	12.05800	9.99050	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 898/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.770	200.420	102.71000	.06629	.00906	-.09479	-.01699	9.97520	12.10400	9.99180	9.99930
200.190	100.360	103.23000	.06202	.00679	-.10949	-.02283	9.96710	12.12600	9.99400	9.99970
200.130	.566	103.59000	.06061	.00625	-.11680	-.02555	9.96500	12.13900	9.99200	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT092) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 899/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	.01434	-.06530	-.02314	9.98230	12.08000	9.99410	10.00400
.158	100.430	150.34000	.05560	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.088	200.560	149.96000	.05336	.00827	-.04199	-.01050	9.96480	12.02800	9.99200	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT092) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 900/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.821	200.350	150.38000	.06285	.00807	-.05045	-.01246	9.97030	12.04100	9.99770	9.99480
49.776	100.420	151.07000	.06235	.01071	-.06144	-.01892	9.97670	12.06600	9.99060	10.00400
49.846	.435	151.55000	.06136	.01296	-.07943	-.02311	9.98180	12.08600	9.99070	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 901/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.050	.451	152.10000	.06472	.01051	-.09287	-.02466	9.97800	12.10200	9.99040	10.00500
99.641	100.490	151.65000	.06575	.01073	-.07695	-.02166	9.97900	12.08500	9.98990	10.01800
100.020	200.580	150.84000	.06600	.00916	-.06520	-.01485	9.97520	12.05700	9.99180	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 902/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.090	200.490	152.26000	.06443	.00745	-.10544	-.02098	9.97020	12.10300	9.99270	10.00300
199.930	100.560	152.62000	.06350	.00596	-.11573	-.02333	9.96600	12.11600	9.99000	10.01200
200.010	.498	152.47000	.06307	.00423	-.11751	-.02298	9.96150	12.11300	9.99070	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT093) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 903/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.112	.006	-.78897	.03458	.00741	-.01266	-.00691	9.95060	9.99960	9.99910	10.00400
.193	99.974	-.93068	.03725	.00558	-.01155	-.00257	9.94770	9.99060	9.99180	10.00000
-.081	199.970	-1.15680	.03774	.00417	-.01147	-.00003	9.94450	9.98220	9.99040	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT093) (26 APR 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	10.000	BETAB	=	10.000
Y	=	.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 904/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.987	200.000	-.27043	.04830	.00640	-.02652	-.00364	9.95680	10.00800	10.00200	9.99720
49.854	99.949	-.47087	.04694	.00854	-.02654	-.00644	9.96130	10.00900	9.99510	10.00900
49.706	-.105	-.42843	.04561	.01033	-.02904	-.00862	9.96490	10.01300	9.99580	10.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 905/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.220	-.054	.60852	.05192	.01101	-.04702	-.01361	9.97070	10.04500	10.00400	9.99180
99.811	100.200	.46843	.05143	.00982	-.04631	-.01060	9.96750	10.03800	9.98280	10.01800
99.823	200.160	.44477	.05033	.00923	-.04551	-.00761	9.96520	10.03300	9.98770	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 906/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.860	199.910	1.22910	.05876	.00801	-.07056	-.01363	9.96780	10.06300	9.99190	10.00400
199.980	99.923	1.62380	.05748	.00891	-.07678	-.01585	9.96920	10.07500	9.99830	10.00300
200.330	-.073	2.24100	.05135	.00834	-.08944	-.02201	9.96420	10.09900	10.00500	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT094) (26 APR 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	10.000	BETAB	=	10.000
Y	=	50.000	JET PC	=	.000
MACH	=	4.500			

RUN NO. 907/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.162	-.091	50.08500	.04852	.00774	-.02225	-.00850	9.96030	10.02400	9.99290	10.00600
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.032	199.960	49.71300	.04833	.00246	-.02215	-.00260	9.94700	10.00800	9.98930	10.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT094) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 908/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.740	199.940	50.11200	.05480	.00556	-.03193	-.00363	9.95880	10.02000	9.99640	10.00200
49.839	99.973	50.00900	.05521	.00682	-.03038	-.00643	9.96230	10.02100	9.99270	10.01300
49.780	.028	50.57000	.05661	.00921	-.03559	-.01069	9.96910	10.04000	9.99730	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 909/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.952	-.133	51.22600	.05923	.01106	-.05500	-.01430	9.97560	10.06200	10.00100	10.00100
99.973	99.856	50.82300	.05800	.00849	-.04474	-.00960	9.96830	10.04600	9.98800	10.00900
99.830	199.980	50.52900	.05825	.00730	-.04079	-.00784	9.96550	10.03600	9.98740	10.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 910/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.950	200.030	51.50200	.06217	.00860	-.07387	-.01228	9.97140	10.07000	9.99390	10.00500
199.930	99.952	52.34900	.05954	.00918	-.08512	-.01708	9.97120	10.09600	9.99180	10.00400
200.320	.017	53.04700	.05309	.00783	-.09553	-.02257	9.96400	10.12000	9.99590	9.99980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT095) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 911/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.046	-.077	100.71000	.05383	.01094	-.04330	-.01305	9.97170	10.04700	9.99430	10.01000
.081	100.100	99.97400	.05301	.00684	-.02671	-.00842	9.96090	10.02200	9.98870	10.01400
.019	199.930	99.53700	.05388	.00456	-.02497	-.00495	9.95570	10.00900	9.99000	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT095) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 912/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.880	200.000	99.77100	.05992	.00556	-.03363	-.00633	9.96210	10.01700	9.99380	10.00100
49.792	100.020	100.20000	.05792	.00830	-.03970	-.00923	9.96770	10.03100	9.99240	10.01100
49.855	-.145	101.23000	.05875	.01128	-.05416	-.01556	9.97580	10.06300	9.99500	9.99680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 913/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.080	-.078	101.80000	.05853	.01204	-.07181	-.01859	9.97770	10.08300	9.99170	10.00400
99.858	99.975	101.08000	.06179	.00945	-.05325	-.01207	9.97310	10.05500	9.98890	10.01800
99.945	200.120	100.49000	.06284	.00692	-.04504	-.00897	9.96740	10.03700	9.99170	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 914/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.860	200.080	101.73000	.06263	.00935	-.08112	-.01387	9.97350	10.07800	9.99210	10.00200
200.140	99.973	102.49000	.05851	.00747	-.09314	-.01947	9.96640	10.10300	9.99150	10.00800
200.180	-.012	102.68000	.05846	.00666	-.10017	-.02227	9.96460	10.11300	9.99630	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT096) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 915/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	-2.20070	.03963	.00666	-.00863	-.00312	9.95190	7.96860	10.00100	10.01300
-.083	95.924	-2.22550	.03942	.00493	-.00807	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.013	196.020	-2.19910	.04429	.00236	-.00622	.00122	9.94410	7.96190	9.98840	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT096) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 916/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.929	195.820	-2.23350	.04839	.00572	-.01588	-.00350	9.95510	7.97010	9.99800	9.99650
49.870	96.046	-2.07490	.04847	.00684	-.01831	-.00500	9.95800	7.97590	9.99610	10.01000
49.787	-4.087	-1.65200	.04779	.00891	-.02313	-.00571	9.96270	7.98620	9.99740	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 917/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.970	-4.179	-.92167	.05260	.01054	-.04095	-.00839	9.96990	8.00840	9.99830	9.99240
99.962	95.957	-1.15760	.05177	.00894	-.03416	-.00747	9.96540	8.00080	9.99090	10.01300
99.831	196.020	-1.17370	.05188	.00777	-.03079	-.00735	9.96250	7.99970	9.98880	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 918/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.820	195.990	-.39031	.05815	.00861	-.05798	-.00972	9.96880	8.02480	9.99380	10.00300
200.000	95.848	-.18577	.05660	.00977	-.06431	-.01165	9.97060	8.03290	9.99830	10.00700
200.430	-4.098	.55329	.05098	.00870	-.07497	-.01767	9.96460	8.05860	10.00600	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT097) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 919/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.105	-3.968	50.10100	.04974	.00720	-.01888	-.00630	9.95960	8.02220	9.98730	10.00400
.146	95.906	49.73700	.04675	.00474	-.01333	-.00430	9.95160	8.01120	9.99540	10.00500
.043	195.950	49.76100	.04718	.00318	-.01511	-.00267	9.94800	8.00990	9.99190	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT097) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 920/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.756	196.040	49.91000	.05377	.00521	-.02049	-.00429	9.95720	8.01650	9.99650	10.00700
49.897	96.062	50.12700	.05417	.00664	-.02256	-.00538	9.96100	8.02260	9.99410	10.01200
49.774	-3.898	50.32200	.05486	.00941	-.03152	-.00773	9.96840	8.03220	9.99250	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 921/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.908	-4.109	51.16800	.05611	.01233	-.05023	-.01041	9.97650	8.05660	9.99650	9.99730
99.924	95.938	50.42400	.05586	.00893	-.03814	-.00656	9.96790	8.03420	9.98770	10.01700
99.875	196.090	50.19500	.05739	.00683	-.03002	-.00636	9.96350	8.02750	9.98860	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 922/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.770	196.030	51.12300	.05932	.00958	-.06126	-.00936	9.97180	8.05720	9.99620	10.00400
199.960	95.962	51.79200	.05750	.00902	-.07248	-.01387	9.96940	8.07920	9.99170	10.00200
200.290	-4.063	52.35400	.05218	.00838	-.08196	-.01884	9.96460	8.09960	9.99530	10.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT098) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 923/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.175	96.011	100.41000	.05185	.00705	-.02383	-.00638	9.96060	8.02950	9.99340	10.01100
.154	195.910	99.91200	.05138	.00526	-.02074	-.00419	9.95580	8.01650	9.99290	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT098) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 924/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.773	196.010	98.47700	.05674	.00607	-.02536	-.00530	9.96120	7.98850	9.99360	10.00900
49.774	95.941	99.15500	.05721	.00838	-.03344	-.00684	9.96730	8.00690	9.99340	10.00600
49.750	-4.184	100.22000	.05635	.01231	-.04905	-.01202	9.97670	8.03870	9.99520	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 925/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.100	-4.068	100.88000	.05614	.01239	-.06344	-.01502	9.97700	8.05920	9.99200	10.00300
99.853	95.888	99.68200	.05877	.01070	-.04696	-.00830	9.97420	8.02240	9.99050	10.01800
100.070	196.050	99.47100	.05988	.00723	-.03764	-.00609	9.96620	8.01290	9.99370	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 926/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.740	195.940	100.08000	.05970	.00969	-.06825	-.01100	9.97240	8.03900	9.98830	9.99970
200.180	95.845	100.77000	.05835	.00714	-.07748	-.01692	9.96540	8.06340	9.99340	10.00100
199.940	-4.044	101.05000	.05907	.00641	-.08274	-.01947	9.96400	8.07390	9.99080	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT099) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1035/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.275	-2.550	202.73000	.01579	.01369	-.09003	-.02720	5.95400	14.11600	9.99180	10.00900
.037	97.462	202.68000	.01640	.01266	-.07803	-.02755	5.95180	14.11300	9.98900	10.00500
-.250	197.570	201.75000	.01836	.01062	-.06214	-.02335	5.94790	14.08500	10.00000	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT099) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1036/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.768	197.530	201.98000	.03001	.00879	-.06457	-.02471	5.95070	14.09200	9.99370	10.00200
49.873	97.414	202.67000	.02510	.01054	-.08157	-.02714	5.95200	14.11300	9.99340	10.01500
49.777	-2.534	202.86000	.02446	.01117	-.08967	-.02800	5.95330	14.12000	9.98940	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1037/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.970	-2.552	202.94000	.03195	.00817	-.09022	-.03067	5.95060	14.12600	9.99650	10.00300
99.960	97.480	202.86000	.03247	.00831	-.08413	-.02923	5.95120	14.12100	9.99500	10.00700
99.875	197.380	202.14000	.03746	.00672	-.07207	-.02723	5.95030	14.10100	9.99290	9.99930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1038/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.020	197.380	203.12000	.03973	.00223	-.10329	-.03092	5.94090	14.13300	9.99610	10.00300
199.980	97.417	203.21000	.03882	.00114	-.10737	-.03080	5.93770	14.13600	9.98980	10.01100
199.880	-2.577	203.14000	.03919	.00172	-.10905	-.02757	5.93930	14.13000	9.99480	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT100) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1039/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.009	.286	100.32000	.01381	.01040	-.05572	-.01683	5.94430	12.04500	9.99460	10.00700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.110	200.250	99.08900	.01816	.00461	-.03813	-.00899	5.93260	12.00700	10.00200	10.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT100) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1040/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.634	200.470	99.41700	.03237	.00303	-.03287	-.01044	5.93750	12.01300	9.99720	10.00200
49.841	100.360	99.60200	.02999	.00602	-.04224	-.01338	5.94350	12.02300	10.00000	10.01000
49.844	.411	100.58000	.02721	.00860	-.05451	-.01997	5.94830	12.05400	9.98400	10.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1041/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.929	.400	100.38000	.02761	.00895	-.06614	-.02334	5.94950	12.05900	10.00000	10.00600
99.833	100.420	100.09000	.03307	.00658	-.05444	-.01484	5.94690	12.03700	9.99380	10.01500
99.781	200.310	99.53300	.03898	.00395	-.04312	-.01060	5.94400	12.01800	9.99060	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1042/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.790	200.490	100.68000	.03445	.00693	-.07195	-.01911	5.94880	12.06000	9.99140	10.00700
200.230	100.420	101.45000	.03009	.00581	-.08433	-.02570	5.94350	12.08700	9.99330	10.00200
199.990	.270	101.97000	.02792	.00561	-.09346	-.02894	5.94170	12.10400	9.99270	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT101) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1045/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.049	.454	151.32000	.01329	.01342	-.07313	-.02136	5.95150	12.07700	9.99180	9.99910
-.026	100.530	150.68000	.01767	.00922	-.05861	-.01722	5.94380	12.05500	9.99440	10.01700
-.020	200.560	150.11000	.01860	.00745	-.04598	-.01347	5.93990	12.03600	9.99620	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT101) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1046/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.754	200.540	150.21000	.02802	.00628	-.04809	-.01424	5.94300	12.03900	9.99880	10.00600
49.861	100.470	150.89000	.02617	.00799	-.05749	-.01984	5.94610	12.06300	9.99370	10.00600
49.857	.480	151.34000	.02546	.01086	-.07142	-.02398	5.95290	12.08100	9.98820	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1047/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.904	.460	151.67000	.03145	.00812	-.08102	-.02526	5.95000	12.09100	9.99390	10.01100
99.927	100.420	151.19000	.03372	.00683	-.05980	-.02356	5.94810	12.07400	9.99600	10.00700
99.870	200.490	150.74000	.03445	.00612	-.05225	-.01623	5.94660	12.05200	9.98590	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1048/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.980	200.620	152.06000	.03565	.00429	-.07940	-.02602	5.94320	12.09900	9.99280	10.00700
200.130	100.460	152.11000	.03437	.00316	-.09304	-.02741	5.93970	12.10600	9.98960	10.00400
199.900	.395	152.32000	.03307	.00207	-.09767	-.02564	5.93620	12.10800	9.99120	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT102) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1049/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.078	100.030	-1.85330	.01126	.00489	-.01375	-.00383	5.92870	9.97460	9.99290	10.01200
-.041	199.920	-2.15300	.01473	.00318	-.01169	-.00290	5.92670	9.96740	9.99750	9.99760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT102) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1050/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.896	199.950	-2.07040	.02612	.00319	-.01619	-.00540	5.93390	9.97410	9.99970	10.00700
49.863	99.950	-1.77460	.02447	.00438	-.01593	-.00618	5.93580	9.98080	9.98940	10.01100
49.977	-.105	-1.77870	.01972	.00705	-.01813	-.00800	5.93940	9.98390	9.99190	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1051/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.080	-.174	-1.12510	.02432	.00789	-.03011	-.01221	5.94450	10.00600	9.99760	9.99520
99.969	99.931	-1.40960	.02842	.00589	-.02964	-.00889	5.94210	9.99490	9.99200	10.00700
99.966	199.990	-1.36800	.03018	.00462	-.02913	-.00720	5.94000	9.99330	9.99210	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1052/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.070	199.930	-.61945	.02703	.00849	-.05329	-.01474	5.94780	10.02500	9.99590	10.00700
200.110	100.000	-.29267	.02604	.00870	-.05516	-.01788	5.94780	10.03600	9.99860	10.00900
200.180	-.066	.34273	.02266	.00708	-.06365	-.02570	5.94190	10.06200	10.00900	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT103) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1053/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.039	-.156	48.56000	.01367	.00652	-.03113	-.00817	5.93440	9.99420	9.99230	10.00800
.039	99.903	48.55300	.01324	.00509	-.02819	-.00670	5.93060	9.99140	9.99210	10.00100
-.070	199.990	48.40200	.01630	.00338	-.02756	-.00582	5.92820	9.98700	9.99990	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT103) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1054/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.777	200.070	48.32200	.02589	.00328	-.03013	-.00501	5.93400	9.98510	10.00300	10.00700
49.793	99.829	48.33200	.02445	.00490	-.02890	-.00570	5.93710	9.98600	9.99240	10.01100
49.845	-.046	48.71700	.02336	.00723	-.03115	-.00943	5.94220	9.99910	9.98850	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1055/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.938	-.136	50.80800	.02832	.00830	-.04222	-.01424	5.94810	10.04600	9.99970	10.00600
99.954	99.942	50.03000	.03106	.00601	-.03385	-.00917	5.94400	10.02200	9.98790	10.01400
99.854	199.980	50.19300	.03319	.00430	-.03451	-.00611	5.94110	10.02100	9.98640	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1056/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.000	199.910	51.70300	.03158	.00720	-.05271	-.01500	5.94750	10.06800	9.98960	10.00100
200.190	99.963	52.12900	.02845	.00710	-.06260	-.01916	5.94540	10.08400	9.99480	10.00500
200.170	-.105	52.94100	.02267	.00675	-.07549	-.02480	5.94110	10.11100	9.99420	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT104) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1057/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.007	99.920	100.93000	.01975	.00541	-.03725	-.00899	5.93550	10.04400	9.98760	10.01200
-.000	200.030	100.87000	.02036	.00444	-.03336	-.00704	5.93340	10.03900	9.99830	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT104) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1058/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.841	200.050	100.61000	.03088	.00291	-.03292	-.00730	5.93630	10.03400	9.99800	9.99850
49.838	99.860	101.34000	.02820	.00546	-.03555	-.01069	5.94090	10.05300	9.99040	10.00900
49.809	-.054	101.73000	.02910	.00761	-.04933	-.01715	5.94700	10.07400	9.98620	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1059/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.150	-.193	102.50000	.02658	.00862	-.06378	-.01920	5.94800	10.09500	9.99600	9.99300
99.826	99.964	101.73000	.03171	.00655	-.04627	-.01291	5.94590	10.06700	9.99090	10.01300
99.903	200.030	100.80000	.03420	.00398	-.03613	-.00915	5.94100	10.04100	9.99610	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1060/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.800	199.880	101.79000	.03350	.00587	-.06347	-.01637	5.94550	10.07800	9.99260	10.00200
200.120	100.000	102.69000	.02834	.00562	-.07331	-.02237	5.94180	10.10600	9.99100	10.00300
200.020	-.097	103.22000	.02851	.00442	-.08532	-.02312	5.93900	10.12000	9.99090	10.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT105) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1061/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.006	-4.122	-.05101	.01481	.00385	-.01681	-.00338	5.92840	8.01350	9.99180	10.00200
.013	95.954	-.39942	.01521	.00234	-.01307	-.00193	5.92490	8.00360	9.98670	10.00800
-.156	195.950	-.43671	.01826	.00062	-.01270	-.00126	5.92250	8.00160	10.00000	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT105) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1062/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.873	195.930	-.11896	.02441	.00259	-.01722	-.00213	5.93130	8.01050	10.00100	10.00900
49.791	95.913	-.19591	.02165	.00463	-.01507	-.00308	5.93460	8.00970	9.99170	10.01200
49.785	-4.045	-.10388	.01994	.00601	-.01749	-.00460	5.93690	8.01390	9.98190	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1063/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.060	-4.202	.42890	.02264	.00913	-.02661	-.00781	5.94640	8.03070	10.00400	10.00100
99.782	95.923	.30007	.02374	.00733	-.02405	-.00575	5.94260	8.02510	9.98860	10.00100
100.040	196.030	.23396	.02692	.00558	-.02435	-.00434	5.94030	8.02160	9.99090	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1064/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	195.930	.93477	.02887	.00756	-.03914	-.01242	5.94660	8.05060	9.98920	10.00600
200.180	96.055	1.16740	.02844	.00747	-.04422	-.01358	5.94610	8.05750	9.99370	10.00900
200.210	-4.287	1.90350	.02238	.00711	-.05686	-.01901	5.94160	8.08290	10.00500	9.99170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT106) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1065/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.049	96.041	51.49900	.01789	.00311	-.02268	-.00502	5.92850	8.04690	9.99320	10.01000
-.131	196.060	51.45100	.01998	.00235	-.02209	-.00433	5.92800	8.04450	9.99960	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT106) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1066/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.771	196.000	51.39000	.02778	.00185	-.01915	-.00462	5.93160	8.04300	9.99460	10.00500
49.925	95.959	51.48600	.02616	.00349	-.02173	-.00484	5.93460	8.04550	9.99560	10.01100
49.839	-4.043	51.74200	.02591	.00566	-.02730	-.00685	5.93990	8.05490	9.98810	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1067/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.984	-4.114	52.24400	.02622	.00857	-.03853	-.01021	5.94730	8.07210	10.00100	9.99780
99.980	95.966	51.65700	.02864	.00589	-.02721	-.00681	5.94220	8.05310	9.98650	10.01600
99.843	195.990	51.61800	.03185	.00365	-.01985	-.00647	5.93860	8.05000	9.98700	10.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1068/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.920	195.980	52.41600	.03152	.00649	-.04020	-.01227	5.94560	8.07880	9.99870	10.00200
200.050	96.093	52.74000	.02723	.00728	-.05304	-.01486	5.94490	8.09200	9.99140	10.00500
200.210	-4.079	53.37100	.02257	.00646	-.06686	-.01897	5.94020	8.11320	9.99350	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT107) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1069/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.056	-4.217	102.03000	.01841	.00863	-.04491	-.01017	5.94260	8.06870	9.99380	10.00300
.070	95.917	101.34000	.01876	.00566	-.03274	-.00548	5.93540	8.04570	9.99290	10.01700
-.039	196.070	101.14000	.01962	.00494	-.02668	-.00513	5.93410	8.04020	9.99420	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT107) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1070/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.842	195.960	101.12000	.02577	.00456	-.02804	-.00550	5.93710	8.04050	9.99270	10.00600
49.874	95.853	101.41000	.02449	.00598	-.03318	-.00677	5.93980	8.04930	9.98950	10.00500
49.803	-4.063	102.16000	.02625	.00790	-.04542	-.01214	5.94580	8.07420	9.99070	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1071/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.050	-4.087	102.59000	.02598	.00882	-.05412	-.01536	5.94800	8.08920	9.99340	9.99420
99.816	95.893	101.70000	.02740	.00691	-.03715	-.00976	5.94400	8.06020	9.99060	10.01700
99.954	196.090	101.73000	.02952	.00443	-.03037	-.00705	5.93910	8.05450	9.99170	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1072/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.990	195.940	102.44000	.02995	.00621	-.05188	-.01389	5.94400	8.08370	9.99160	9.99460
200.030	95.957	102.76000	.02644	.00636	-.06115	-.01795	5.94230	8.09810	9.99090	10.00200
199.940	-3.958	103.21000	.02697	.00492	-.07016	-.01989	5.93910	8.11160	9.98920	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT108) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1850/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.010	97.307	201.12000	-.00249	.00595	-.08126	-.03065	1.92290	14.09000	9.98140	10.01400
100.170	197.470	200.61000	.00274	.00477	-.06760	-.02800	1.92320	14.07300	10.01100	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT108) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1851/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.930	197.450	200.96000	.00703	.00260	-.07564	-.03032	1.92060	14.08500	9.98600	10.01700
150.110	97.378	201.20000	.00525	.00312	-.08305	-.03248	1.92090	14.09500	9.99170	10.02000
150.230	-2.745	201.15000	.00150	.00366	-.08944	-.03013	1.91990	14.09200	9.99460	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1852/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.040	-2.548	201.18000	.00682	.00240	-.09259	-.02927	1.92010	14.09200	9.99260	10.02100
200.160	97.396	201.54000	.00694	.00025	-.09033	-.03222	1.91490	14.10300	9.98710	10.01300
200.070	197.400	201.14000	.00887	.00069	-.08789	-.03079	1.91720	14.09200	9.99350	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT109) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1853/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.230	.330	100.38000	-.00250	.00619	-.06375	-.02211	1.92330	12.05500	9.99050	10.01400
99.768	100.460	100.11000	.00334	.00531	-.04951	-.01607	1.92460	12.03800	9.99370	10.02500
100.020	200.470	99.63200	.00844	.00225	-.04101	-.01138	1.92020	12.02000	10.00300	10.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1854/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.940	200.440	99.89900	.01447	.00242	-.04507	-.01578	1.92440	12.03300	9.99160	10.01000
150.250	100.310	100.73000	.00889	.00336	-.05810	-.02199	1.92340	12.06000	9.98800	10.01200
150.310	.208	101.46000	.00206	.00495	-.07014	-.02765	1.92320	12.08600	9.99060	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT109) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1855/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.420	.183	101.89000	-.00077	.00290	-.08148	-.02992	1.91650	12.10000	9.98930	10.00700
199.880	100.220	101.32000	.00526	.00236	-.07112	-.02650	1.91890	12.08200	9.99270	10.01900
199.770	200.250	100.42000	.01548	.00162	-.06325	-.01918	1.92330	12.05200	9.98970	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT110) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1856/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.100	.358	151.11000	.00135	.00593	-.07505	-.02594	1.92510	12.08000	9.98880	10.01900
100.130	100.360	150.61000	.00054	.00511	-.05997	-.02396	1.92250	12.06300	9.99160	10.01600
100.040	200.330	149.91000	.00480	.00335	-.05190	-.01775	1.92080	12.04000	10.00200	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1857/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.060	200.390	150.66000	.00736	.00248	-.05756	-.02175	1.92030	12.06100	9.99460	10.01500
150.050	100.300	152.12000	.00394	.00363	-.06603	-.02728	1.92110	12.09800	9.99180	10.01300
150.140	.357	151.91000	.00058	.00313	-.07898	-.02688	1.91790	12.09700	9.99230	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1858/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.100	100.220	152.40000	.00976	.00046	-.07482	-.02950	1.91710	12.10900	9.98990	10.01100
199.910	200.410	151.75000	.01073	.00123	-.06581	-.02581	1.91950	12.08900	9.99120	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT111) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1859/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.981	-.057	18.95200	.00125	.00552	-.03145	-.01050	1.92360	10.00700	9.98840	10.01800
99.974	99.888	18.59200	.00256	.00496	-.02420	-.00899	1.92300	9.99610	9.98410	10.01600
100.140	199.850	18.40600	.00544	.00379	-.02484	-.00879	1.92190	9.99280	10.00300	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1860/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.170	199.850	19.09600	.01169	.00362	-.03329	-.01075	1.92550	10.01100	9.99340	10.01900
150.180	99.885	19.21900	.00769	.00497	-.03512	-.01197	1.92630	10.01500	9.99780	10.01700
150.290	-.054	19.54900	.00321	.00650	-.04028	-.01647	1.92740	10.02900	9.99040	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1861/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.500	-.110	20.06400	.00523	.00284	-.05077	-.02477	1.91990	10.05400	10.00600	10.00100
199.930	99.770	19.53700	.00652	.00455	-.04904	-.01568	1.92470	10.03000	9.98510	10.02500
199.940	199.890	19.08600	.01071	.00317	-.04601	-.01250	1.92380	10.01700	9.98910	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT112) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1862/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.120	-.165	48.42000	.00463	.00440	-.04326	-.01204	1.92310	9.99860	9.98820	10.02000
99.726	99.934	48.39700	.00295	.00432	-.03083	-.00878	1.92170	9.99070	9.98280	10.02300
100.020	199.990	47.97600	.00781	.00236	-.03020	-.00751	1.91990	9.98030	9.99890	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT112) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1863/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.200	199.880	48.54700	.01331	.00259	-.03281	-.01042	1.92400	9.99640	9.99560	10.00500
150.090	99.806	48.70200	.00793	.00447	-.04085	-.01192	1.92530	10.00300	9.99300	10.02200
150.340	-.106	49.42000	.00220	.00499	-.04875	-.01939	1.92320	10.03000	9.98840	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1864/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.510	-.192	49.93200	-.00086	.00388	-.06119	-.02504	1.91870	10.05100	9.99760	10.01200
199.880	99.674	49.43700	.00375	.00513	-.05192	-.01790	1.92440	10.02800	9.99260	10.02200
199.840	199.840	49.01700	.00987	.00419	-.04510	-.01287	1.92580	10.01200	9.98270	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT113) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1865/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.070	-.194	102.73000	.00017	.00499	-.05750	-.01870	1.92190	10.09200	9.99240	10.01500
100.060	99.906	101.86000	.00120	.00441	-.04173	-.01372	1.92100	10.06400	9.99090	10.02200
100.070	199.820	101.84000	.00640	.00181	-.03538	-.01026	1.91780	10.05700	9.99830	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1866/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.200	99.837	100.49000	.00675	.00305	-.04872	-.01849	1.92120	10.05100	9.99170	10.02000
150.230	-.151	101.21000	.00444	.00373	-.06277	-.02286	1.92160	10.07400	9.99030	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT113) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1867/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.370	-.084	101.32000	.00240	.00168	-.07036	-.02561	1.91540	10.08200	9.99180	10.01200
199.870	99.829	100.92000	.00693	.00148	-.05845	-.02287	1.91760	10.06800	9.99270	10.01700
199.770	199.930	100.38000	.01280	.00189	-.04778	-.01809	1.92210	10.04700	9.99210	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT114) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1668/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.060	-4.160	-.56912	.00053	.00555	-.02051	-.00715	1.92310	8.00500	9.98710	10.01400
100.040	95.922	-.62641	.00366	.00419	-.01779	-.00605	1.92180	8.00180	9.98530	10.01300
99.906	195.850	-.44814	.00839	.00282	-.01886	-.00565	1.92130	8.00480	9.99850	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1869/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.040	195.930	-.41430	.01037	.00377	-.02494	-.00782	1.92490	8.01000	9.99310	10.01700
150.000	95.810	-.29135	.00520	.00594	-.02569	-.00839	1.92710	8.01380	9.99380	10.01700
150.330	-4.149	.21257	.00247	.00580	-.03062	-.01139	1.92510	8.02860	9.99140	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.520	-3.873	1.00120	-.00083	.00470	-.04186	-.01840	1.92050	8.05680	10.00000	10.03300
199.840	95.872	.21870	.00447	.00589	-.03710	-.01164	1.92660	8.03070	9.98400	10.02200
200.100	195.900	.03598	.00794	.00480	-.03400	-.01022	1.92600	8.02470	9.98760	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT115) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	8.000
Y =	50.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1871/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.190	-4.053	50.02500	.00014	.00515	-.03302	-.00910	1.92200	8.02270	9.98660	10.01300
100.000	95.896	49.28600	.00435	.00293	-.02418	-.00654	1.91910	8.00290	9.98620	10.02000
99.986	196.000	49.36100	.00943	.00086	-.02097	-.00602	1.91720	8.00250	9.99790	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.020	195.960	49.43400	.01192	.00205	-.02355	-.00787	1.92170	8.00760	9.99470	10.01200
150.060	95.858	49.86500	.00731	.00412	-.02829	-.01025	1.92400	8.02060	9.99030	10.01700
150.220	-3.828	50.54100	.00264	.00447	-.04180	-.01530	1.92210	8.04380	9.99010	10.04100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1873/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.450	-4.133	50.81700	.00062	.00310	-.05350	-.02028	1.91760	8.05900	9.99490	10.00300
199.830	95.822	50.57000	.00568	.00384	-.04253	-.01415	1.92240	8.04300	9.99020	10.02200
199.880	195.950	49.81200	.01121	.00300	-.03058	-.01102	1.92370	8.02110	9.98940	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT116) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	8.000
Y =	100.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1874/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.110	-4.046	99.57100	-.00074	.00484	-.04803	-.01520	1.92090	8.03020	9.99480	10.01600
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
100.020	195.950	98.88300	.00144	.00371	-.02858	-.00787	1.91930	8.00150	9.99790	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT116) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1875/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.000	195.930	99.55500	.00576	.00295	-.03374	-.00964	1.92020	8.01810	9.99400	10.00700
150.160	95.745	99.72400	.00214	.00359	-.04036	-.01396	1.91960	8.02940	9.98890	10.01000
150.190	-4.398	100.36000	.00265	.00388	-.05243	-.01889	1.92070	8.05120	9.99250	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1876/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	-4.642	100.19000	.00115	.00208	-.05994	-.02047	1.91550	8.05290	9.98950	9.98340
200.050	95.854	100.10000	.00364	.00234	-.04822	-.01806	1.91760	8.04430	9.98680	10.01800
199.990	195.900	99.33200	.00785	.00234	-.03829	-.01390	1.92000	8.02120	9.99170	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT117) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1150/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.012	-2.344	201.98000	-.06922	-.01457	-.08991	-.03586	-10.16800	14.11600	-10.00200	10.01000
-.146	97.613	201.50000	-.06423	-.01701	-.07851	-.03401	-10.17100	14.10100	-10.00200	10.01300
-.215	197.540	201.50000	-.06923	-.01681	-.07410	-.02904	-10.17400	14.09200	-10.00600	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1151/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.771	197.820	200.59000	-.05659	-.01831	-.05697	-.02568	-10.16900	14.06600	-9.99740	10.01800
49.860	97.670	201.37000	-.06253	-.01736	-.06997	-.03158	-10.17100	14.09300	-10.00600	10.01300
49.955	-2.350	201.61000	-.06862	-.01509	-.07948	-.03432	-10.16900	14.10400	-10.00100	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT117) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1152/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.830	-2.491	201.52000	-.06620	-.01521	-.07204	-.03312	-10.16800	14.09800	-9.99120	10.01000
99.611	97.569	201.25000	-.05959	-.01732	-.06510	-.03028	-10.16900	14.08700	-10.00600	10.01300
99.787	197.740	200.22000	-.05454	-.01765	-.05419	-.02432	-10.16700	14.05700	-10.00200	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1153/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.500	197.650	200.23000	-.05166	-.01576	-.05191	-.02374	-10.16000	14.05500	-10.00200	10.01600
199.860	97.558	201.03000	-.05679	-.01584	-.06316	-.02870	-10.16300	14.08000	-10.00300	10.01100
199.930	-2.408	201.17000	-.05869	-.01630	-.06901	-.03010	-10.16600	14.08600	-10.00400	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT118) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1154/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.160	.479	99.88200	-.06537	-.01738	-.06020	-.02451	-10.17300	12.04800	-10.00300	10.01400
-.194	100.470	98.98400	-.06058	-.01674	-.04637	-.01698	-10.16800	12.01700	-10.00000	10.01800
-.307	200.400	98.69400	-.05535	-.01777	-.04503	-.01443	-10.16800	12.00700	-10.00500	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1155/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.783	100.610	98.54400	-.05342	-.01502	-.03578	-.01461	-10.16000	12.00200	-10.00600	10.02000
50.138	.481	99.65300	-.06060	-.01659	-.05031	-.02074	-10.16800	12.03600	-10.00200	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT118) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1156/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.050	.361	99.23200	-.05729	-.01489	-.04007	-.01999	-10.16200	12.02500	-9.99260	10.00900
99.370	100.510	98.38800	-.05099	-.01304	-.02871	-.01374	-10.15300	11.99600	-10.01300	10.01700
99.648	200.490	97.94200	-.04657	-.01285	-.02403	-.01116	-10.15000	11.98300	-10.00800	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1157/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.330	200.380	98.18600	-.03701	-.00993	-.02491	-.01213	-10.13700	11.98900	-9.99900	10.01400
200.200	100.490	98.98400	-.04123	-.01245	-.03254	-.01717	-10.14600	12.01300	-9.99920	10.01300
200.110	.364	99.35500	-.04710	-.01458	-.04396	-.02257	-10.15500	12.03100	-10.00200	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT119) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1158/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.251	.557	154.09000	-.06529	-.01582	-.07259	-.03031	-10.16900	12.14000	-9.99500	10.01100
-.284	100.440	153.29000	-.06118	-.01781	-.05910	-.02496	-10.17100	12.11400	-10.01100	10.01700
-.223	200.520	152.64000	-.06589	-.01582	-.05674	-.01836	-10.16900	12.09200	-10.00300	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1159/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.644	200.520	151.88000	-.05574	-.01590	-.04467	-.01634	-10.16300	12.07100	-10.00000	10.01600
50.013	100.580	152.54000	-.06186	-.01670	-.05329	-.02191	-10.16900	12.09400	-10.00600	10.01300
49.959	.438	153.39000	-.06613	-.01531	-.06506	-.02776	-10.16800	12.12100	-10.00100	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT119) (26 APR 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-10.000	BETAB =	12.000
Y =	150.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1160/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.674	.342	153.14000	-.06439	-.01484	-.05969	-.02628	-10.16600	12.11300	-10.00300	10.01500
99.589	100.520	152.59000	-.05853	-.01587	-.04942	-.02050	-10.16500	12.09200	-10.00600	10.01700
99.741	200.380	151.78000	-.05118	-.01478	-.03711	-.01554	-10.15800	12.06600	-10.00600	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1161/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.470	200.390	152.18000	-.04619	-.01262	-.03451	-.01595	-10.14900	12.07400	-9.99590	10.01100
200.080	100.400	152.42000	-.05167	-.01545	-.04565	-.02193	-10.16000	12.09000	-10.00100	10.01200
200.120	.489	153.36000	-.05591	-.01598	-.05581	-.02589	-10.16300	12.11600	-9.99990	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT120) (26 APR 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-10.000	BETAB =	10.000
Y =	.000	JET PC =	.000
MACH =	4.500		

RUN NO. 1162/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.040	-.002	-.91098	-.05596	-.01639	-.04261	-.01119	-10.16500	10.01000	-10.00300	10.02400
-.213	100.080	-.90481	-.05253	-.01712	-.04082	-.01026	-10.16400	10.00800	-10.00300	10.02200
-.111	199.880	-1.19040	-.04925	-.01835	-.03945	-.00928	-10.16500	10.00100	-9.99590	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1163/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.669	99.977	-1.82980	-.04243	-.01484	-.02365	-.00420	-10.15300	9.97710	-10.00700	10.02000
49.726	-.051	-1.68760	-.04690	-.01396	-.02363	-.00670	-10.15300	9.98370	-10.00300	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT120) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1164/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.959	-.056	-2.12900	-.03631	-.01150	-.01134	-.00485	-10.14100	9.96940	-9.98610	10.01400
99.722	99.999	-2.28610	-.03270	-.01156	-.00880	-.00317	-10.13900	9.96310	-9.99870	10.00800
99.655	200.010	-2.37770	-.02927	-.01222	-.01210	.00093	-10.13800	9.95630	-9.99980	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1165/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.820	199.970	-2.16150	-.02200	-.00726	-.00767	-.00617	-10.12100	9.96990	-9.98290	10.00900
199.830	100.090	-1.84650	-.02429	-.00860	-.01473	-.00904	-10.12600	9.98130	-10.00600	10.01500
200.190	-.088	-1.31040	-.02669	-.01072	-.01922	-.01187	-10.13300	9.99710	-9.99830	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT121) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1166/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.118	-.061	50.66800	-.05481	-.01512	-.03616	-.01318	-10.16100	10.04000	-9.99960	10.01500
.048	99.994	50.50200	-.05581	-.01607	-.04108	-.00931	-10.16400	10.03200	-9.99950	10.01400
-.222	199.990	50.32800	-.05181	-.01716	-.03485	-.00912	-10.16400	10.02600	-10.00600	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1167/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.607	200.070	49.84500	-.04589	-.01431	-.02085	-.00729	-10.15300	10.01100	-9.99230	10.01700
49.815	99.944	49.98900	-.04994	-.01348	-.02357	-.00845	-10.15400	10.01600	-10.00600	10.02000
49.879	-.115	50.32200	-.05617	-.01387	-.02979	-.01114	-10.15900	10.02800	-10.00600	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT121) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1168/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.716	-.017	49.94400	-.05001	-.01168	-.01992	-.01078	-10.14900	10.01800	-9.99790	10.01500
99.534	100.160	49.71800	-.04436	-.01135	-.01570	-.00743	-10.14500	10.00700	-10.01100	10.02000
99.901	199.880	49.49200	-.03796	-.01296	-.01448	-.00583	-10.14500	10.00100	-9.99920	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1169/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.560	199.980	49.86000	-.03351	-.00794	-.01533	-.00842	-10.13000	10.01100	-9.99200	10.01400
199.930	99.996	50.03000	-.03652	-.00954	-.02131	-.01160	-10.13600	10.02100	-9.99910	10.01800
200.340	-.051	50.61000	-.04175	-.01256	-.02841	-.01639	-10.14600	10.04100	-10.00200	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT122) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1170/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.158	-.071	101.60000	-.06084	-.01638	-.05092	-.01975	-10.16800	10.07000	-9.99990	10.01500
-.050	100.010	100.97000	-.06388	-.01542	-.04720	-.01221	-10.16700	10.04500	-9.99840	10.01900
-.334	199.840	100.78000	-.06118	-.01518	-.04312	-.00979	-10.16500	10.03800	-10.00800	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1171/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.999	100.050	100.55000	-.05811	-.01441	-.03344	-.01173	-10.16100	10.03400	-10.00400	10.01300
50.081	-.179	101.24000	-.06621	-.01436	-.04854	-.01636	-10.16600	10.05700	-10.00200	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT122) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1172/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.652	-.061	101.07000	-.05999	-.01379	-.03806	-.01610	-10.16100	10.05000	-9.99720	10.01400
99.466	100.050	100.28000	-.05187	-.01279	-.02836	-.01067	-10.15300	10.02500	-10.00800	10.01500
99.746	199.920	100.05000	-.04921	-.01206	-.02248	-.00840	-10.15000	10.01700	-10.00200	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1173/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.350	199.880	100.41000	-.03899	-.01004	-.01872	-.00974	-10.13900	10.02400	-9.99940	10.01400
199.980	99.941	100.66000	-.04586	-.01108	-.02662	-.01343	-10.14500	10.03600	-10.00100	10.01200
200.360	.053	100.92000	-.05160	-.01366	-.03644	-.01891	-10.15500	10.05200	-9.99830	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT123) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1174/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.048	-3.874	.50507	-.05474	-.01453	-.03022	-.00856	-10.15900	8.02960	-10.00200	10.01300
.110	95.928	.32699	-.05350	-.01569	-.03435	-.00697	-10.16200	8.02520	-10.00300	10.01500
-.023	196.030	.20722	-.04847	-.01730	-.03223	-.00742	-10.16200	8.02320	-10.00200	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1175/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.719	196.070	-.12326	-.04186	-.01487	-.01611	-.00321	-10.15200	8.00640	-9.99560	10.01500
49.764	96.025	-.21290	-.04614	-.01309	-.01441	-.00375	-10.15100	8.00500	-10.00700	10.02200
49.843	-3.997	-.02349	-.05064	-.01239	-.01818	-.00519	-10.15200	8.01160	-10.00400	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT123) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1176/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.731	-4.129	-.62709	-.04227	-.00995	-.00830	-.00403	-10.14100	7.99610	-9.99570	10.01700
99.767	96.004	-.60467	-.03903	-.01061	-.00659	-.00234	-10.14000	7.99360	-10.00500	10.00900
99.828	195.940	-.71900	-.03577	-.01153	-.00525	-.00108	-10.14000	7.98930	-10.00100	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1177/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.060	195.950	-.48476	-.02800	-.00705	-.00449	-.00526	-10.12400	7.99960	-9.99940	10.01100
199.860	95.953	-.17891	-.03141	-.00821	-.01147	-.00743	-10.12900	8.01060	-10.00500	10.00900
200.200	-4.113	.04508	-.03489	-.00998	-.01672	-.01003	-10.13600	8.01990	-9.99830	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT124) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1178/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.003	-4.165	48.88600	-.05562	-.01449	-.03423	-.00998	-10.16000	8.00360	-10.00300	10.00400
.115	95.963	48.68000	-.06006	-.01434	-.03756	-.00552	-10.16200	7.99440	-10.00600	10.01000
-.086	195.930	48.75300	-.05803	-.01466	-.03363	-.00536	-10.16200	7.99420	-9.99980	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1179/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.934	95.998	48.02900	-.05413	-.01230	-.02268	-.00520	-10.15400	7.97740	-10.00200	10.01900
49.745	-3.956	48.39600	-.05938	-.01217	-.02801	-.00755	-10.15700	7.98920	-10.00500	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT124) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1180/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.924	-4.016	48.33200	-.05499	-.00982	-.01953	-.00782	-10.14800	7.98680	-9.99360	10.01700
99.232	95.989	48.21700	-.04896	-.01001	-.01273	-.00587	-10.14500	7.97980	-10.02200	10.00900
99.965	196.010	47.83200	-.04110	-.01164	-.01420	-.00442	-10.14400	7.97050	-10.00200	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1181/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.410	195.930	47.92200	-.03608	-.00774	-.01111	-.00596	-10.13100	7.97380	-9.99580	10.01200
200.120	96.084	48.48200	-.04189	-.00758	-.01648	-.00838	-10.13400	7.98910	-9.99840	10.01800
200.170	-4.198	48.86400	-.04632	-.01076	-.02381	-.01283	-10.14500	8.00490	-10.01100	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT125) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1182/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.088	-3.872	102.27000	-.06402	-.01479	-.04802	-.01628	-10.16600	8.07970	-10.00200	10.02100
.020	96.016	101.59000	-.06624	-.01428	-.04611	-.00894	-10.16600	8.05560	-10.00800	10.01400
-.290	195.960	101.66000	-.06225	-.01447	-.03968	-.00721	-10.16400	8.05260	-10.00500	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1183/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.811	196.110	100.87000	-.05740	-.01322	-.02966	-.00585	-10.15800	8.03350	-9.99970	10.01500
49.865	95.959	101.31000	-.06157	-.01297	-.03493	-.00799	-10.16000	8.04630	-10.00400	10.01400
50.075	-4.023	101.95000	-.07038	-.01245	-.04789	-.01300	-10.16400	8.06930	-10.00200	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT125) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1184/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.907	-4.105	101.91000	-.06438	-.01232	-.03743	-.01327	-10.16000	8.06540	-9.99060	10.00800
99.093	95.920	101.25000	-.05477	-.01225	-.02474	-.00852	-10.15400	8.04330	-10.02000	10.01800
99.783	196.010	100.73000	-.04908	-.01286	-.01995	-.00647	-10.15200	8.02940	-10.00200	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1185/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.420	195.930	100.80000	-.04316	-.00992	-.01686	-.00745	-10.14100	8.03120	-9.99730	10.01000
200.030	96.072	101.18000	-.04994	-.01089	-.02284	-.01109	-10.14700	8.04530	-9.99830	10.01300
200.270	-4.043	101.66000	-.05521	-.01367	-.03361	-.01546	-10.15700	8.06340	-9.99490	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT126) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1904/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.970	-2.304	202.00000	-.10355	-.02177	-.09823	-.03493	-14.20400	14.11700	-10.00700	10.01700
49.740	97.638	201.62000	-.09657	-.02315	-.08385	-.03237	-14.20300	14.10300	-9.99920	10.01900
49.792	197.630	200.84000	-.09070	-.02363	-.07269	-.02684	-14.20100	14.07700	-10.00400	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1905/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.090	97.662	200.96000	-.08541	-.02604	-.07432	-.03121	-14.20300	14.08700	-10.00500	10.01800
99.946	-2.418	200.98000	-.09223	-.02426	-.08401	-.03455	-14.20300	14.09400	-10.00800	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT126) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1906/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.540	-2.376	201.21000	-.08548	-.02346	-.07068	-.03267	-14.19700	14.09300	-9.99870	10.02300
199.730	97.653	200.61000	-.07753	-.02447	-.06312	-.03010	-14.19500	14.07600	-10.00800	10.01800
199.590	197.710	199.84000	-.07102	-.02349	-.05257	-.02454	-14.18800	14.05000	-10.00700	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT127) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZE
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1907/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.109	.305	100.09000	-.08619	-.02185	-.05763	-.02013	-14.19400	12.04000	-10.00500	9.99910
49.439	100.590	99.73900	-.07795	-.01913	-.04554	-.01412	-14.18200	12.02200	-9.99770	10.02800
49.913	200.630	99.28600	-.07418	-.01951	-.04081	-.01302	-14.18100	12.01100	-10.00600	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1908/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.698	200.540	98.83000	-.06442	-.01906	-.03286	-.01170	-14.17400	11.99800	-9.99560	10.01700
100.090	100.560	100.13000	-.07007	-.01998	-.03714	-.01360	-14.17900	12.02800	-10.00500	10.01800
100.310	.520	100.77000	-.08204	-.02337	-.05032	-.01994	-14.19500	12.05300	-10.00600	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1909/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.870	.430	101.26000	-.07155	-.02223	-.03804	-.02186	-14.18600	12.06300	-9.98890	10.02100
199.310	100.510	101.00000	-.06123	-.01912	-.02939	-.01586	-14.17200	12.04800	-10.00900	10.01900
199.450	200.580	100.48000	-.05607	-.01717	-.02261	-.01198	-14.16400	12.03100	-10.01000	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT128) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1910/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.175	.538	151.02000	-.09461	-.02218	-.07524	-.02797	-14.19900	12.08000	-10.00600	10.01100
49.640	100.410	150.37000	-.08926	-.02215	-.06107	-.02143	-14.19600	12.05500	-10.00400	10.01300
49.736	200.430	149.54000	-.08513	-.02069	-.05267	-.01727	-14.19000	12.03100	-10.00800	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1911/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.772	200.480	149.45000	-.07559	-.02074	-.04484	-.01528	-14.18500	12.02500	-9.99850	10.01500
100.090	100.620	149.73000	-.07869	-.02282	-.05062	-.01989	-14.19200	12.03800	-10.00500	10.01700
99.978	.532	150.55000	-.08363	-.02227	-.06032	-.02614	-14.19300	12.06500	-10.00600	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1912/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.050	.492	150.33000	-.08403	-.02293	-.05678	-.02692	-14.19500	12.06100	-9.99240	10.02100
199.580	100.520	149.67000	-.07492	-.02302	-.04459	-.02153	-14.19000	12.03800	-10.01100	10.01500
199.400	200.520	149.02000	-.06569	-.01939	-.03622	-.01565	-14.17500	12.01400	-10.00800	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT129) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1913/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.116	-.129	20.63200	-.07683	-.01898	-.04363	-.00910	-14.18100	10.04100	-10.00200	10.00700
49.868	99.988	18.80100	-.07155	-.01858	-.03670	-.00859	-14.17700	9.99980	-9.99870	10.01400
50.116	199.700	18.38800	-.06672	-.01940	-.03328	-.00805	-14.17600	9.99100	-10.01300	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT129) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1914/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.674	199.870	19.44900	-.05824	-.01715	-.01488	-.00425	-14.16600	10.00300	-9.99120	10.01600
99.930	99.905	19.21600	-.06069	-.01636	-.01779	-.00587	-14.16500	10.00200	-10.00500	10.02200
99.857	-.068	19.91600	-.06502	-.01678	-.02464	-.00751	-14.16900	10.01900	-10.00800	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1915/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.180	-.363	19.91800	-.05204	-.01576	-.01862	-.01057	-14.15800	10.02300	-9.98330	10.00000
199.480	99.953	19.53300	-.04600	-.01333	-.01179	-.00699	-14.14900	10.00800	-10.00800	10.01500
199.540	199.990	18.99600	-.04073	-.01324	-.00749	-.00413	-14.14500	9.99260	-10.00700	10.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT130) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1916/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.142	-.137	48.70500	-.07627	-.01739	-.03912	-.00994	-14.17700	9.99850	-10.00400	10.01200
50.062	99.950	48.59000	-.07455	-.01891	-.03794	-.00853	-14.18000	9.99400	-9.99350	10.01400
49.915	199.920	48.89500	-.06930	-.01935	-.03379	-.00907	-14.17700	10.00200	-10.00800	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1917/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.706	199.950	48.67100	-.05957	-.01777	-.02119	-.00682	-14.16800	9.99190	-9.99190	10.01600
99.909	99.951	48.59700	-.06363	-.01755	-.02301	-.00740	-14.17000	9.99140	-10.00800	10.02400
100.140	-.216	49.02300	-.07085	-.01905	-.02943	-.01055	-14.17800	10.00600	-10.00900	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT130) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1918/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.100	-.080	48.73000	-.06121	-.01812	-.02131	-.01376	-14.16900	10.00300	-9.98410	10.01200
199.400	99.864	48.68300	-.05510	-.01496	-.01612	-.00893	-14.15800	9.99350	-10.00600	10.01600
199.590	199.880	48.33000	-.05030	-.01421	-.01171	-.00657	-14.15400	9.98240	-10.00400	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT131) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1919/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.095	-.161	100.82000	-.08845	-.02132	-.05472	-.01681	-14.19400	10.05400	-10.00900	10.01400
49.500	99.908	100.38000	-.07884	-.01780	-.04286	-.01102	-14.18000	10.03400	-10.00300	10.02100
50.042	199.910	102.62000	-.08271	-.01848	-.04165	-.01066	-14.18400	10.07300	-10.00600	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1920/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.579	199.800	100.40000	-.06842	-.01813	-.03087	-.00943	-14.17400	10.02900	-10.00000	10.01500
100.110	99.890	100.30000	-.07361	-.01931	-.03595	-.01100	-14.18000	10.03000	-10.00300	10.02100
100.250	-.096	100.82000	-.08766	-.02157	-.04828	-.01630	-14.19400	10.05100	-10.00500	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1921/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	-.163	100.81000	-.07749	-.02140	-.03919	-.01817	-14.18700	10.05100	-9.98930	10.01700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.540	199.920	99.63900	-.05782	-.01629	-.02258	-.00943	-14.16300	10.01300	-10.00600	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT132) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1922/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.172	-4.096	-.15490	-.07708	-.01685	-.03405	-.00565	-14.17600	8.01320	-10.00500	10.00800
49.810	95.763	-1.17020	-.07191	-.01737	-.03032	-.00567	-14.17400	7.99570	-9.98930	10.00400
50.124	195.890	-1.07820	-.06610	-.01896	-.02623	-.00598	-14.17500	7.99510	-9.99840	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1923/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.628	195.980	-1.69690	-.05486	-.01671	-.01030	-.00166	-14.16200	7.97370	-9.99840	10.02800
99.883	96.056	-1.75670	-.05834	-.01567	-.01208	-.00249	-14.16200	7.97390	-10.00800	10.02800
99.885	-4.123	-1.37380	-.06220	-.01550	-.01637	-.00435	-14.16400	7.98520	-10.01100	10.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1924/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.170	-4.174	-1.40200	-.05302	-.01353	-.01080	-.00737	-14.15400	7.98720	-9.97480	10.01000
199.570	95.919	-1.62460	-.04770	-.01195	-.00556	-.00451	-14.14600	7.97750	-10.00600	10.01500
199.650	195.990	-1.80880	-.04322	-.01184	-.00145	-.00221	-14.14400	7.97010	-10.01000	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT133) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1925/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.169	-4.110	50.29000	-.07805	-.01675	-.03637	-.00751	-14.17700	8.02290	-10.00100	10.01500
50.147	96.207	49.80300	-.08291	-.01671	-.03716	-.00477	-14.18000	8.00990	-10.00100	10.04500
49.846	196.000	49.65200	-.07603	-.01805	-.03235	-.00607	-14.17900	8.00810	-10.00400	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT133) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1926/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.618	195.780	49.34700	-.06496	-.01681	-.01997	-.00511	-14.16900	7.99800	-9.99320	10.01300
99.910	95.780	49.41800	-.06886	-.01654	-.02280	-.00506	-14.17000	8.00000	-10.00800	10.00500
100.160	-4.078	49.92700	-.07775	-.01783	-.02866	-.00779	-14.17900	8.01480	-10.00600	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1927/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.220	-3.976	49.73400	-.07097	-.01652	-.01990	-.01140	-14.17200	8.01430	-9.98820	10.02000
199.510	95.977	49.06200	-.06196	-.01392	-.01303	-.00749	-14.16000	7.99410	-10.00200	10.02400
199.540	195.580	49.17000	-.05569	-.01383	-.01136	-.00549	-14.15600	7.99250	-10.00200	9.99520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT134) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1928/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.102	-4.029	101.93000	-.09125	-.02088	-.05054	-.01428	-14.19500	8.06750	-10.00800	10.01500
49.680	95.920	101.20000	-.08521	-.01791	-.03947	-.00873	-14.18400	8.04320	-10.00600	10.02000
49.730	195.990	100.93000	-.07926	-.01719	-.03242	-.00738	-14.17800	8.03450	-10.00900	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1929/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.942	95.682	101.10000	-.08259	-.01838	-.03392	-.00819	-14.18300	8.03930	-10.00400	9.99600
99.965	-4.248	101.60000	-.08775	-.01908	-.04108	-.01323	-14.18800	8.05770	-10.00400	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT134) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1930/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.100	-4.211	101.44000	-.08865	-.01841	-.03628	-.01516	-14.18700	8.05590	-9.99490	10.02000
199.350	95.894	100.82000	-.07469	-.01714	-.02363	-.01045	-14.17600	8.03430	-10.00500	10.01800
199.490	195.940	100.50000	-.06445	-.01562	-.01922	-.00724	-14.16600	8.02260	-10.00800	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT135) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 14.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1959/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.160	-2.090	202.36000	-.14918	-.02566	-.10583	-.03396	-18.24000	14.12600	-10.00700	10.01900
99.464	97.830	201.83000	-.13665	-.02760	-.08930	-.03211	-18.23700	14.10900	-10.00100	10.01900
99.343	197.760	200.85000	-.12485	-.02782	-.07482	-.02634	-18.23000	14.07900	-9.99560	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1960/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.540	197.930	200.57000	-.11115	-.02885	-.06456	-.02486	-18.22500	14.06900	-9.97840	10.02100
150.360	98.024	201.61000	-.11856	-.03066	-.07778	-.03059	-18.23300	14.10000	-10.00900	10.02100
150.320	-2.345	201.99000	-.12697	-.03040	-.08867	-.03393	-18.23800	14.11500	-10.01700	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1961/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.580	-2.409	201.61000	-.11649	-.03149	-.07893	-.03314	-18.23400	14.10400	-9.99440	10.01300
199.640	97.777	201.05000	-.10903	-.03225	-.07067	-.03031	-18.23100	14.08800	-10.00500	10.01500
199.620	197.800	200.70000	-.10478	-.03025	-.06167	-.02425	-18.22400	14.07000	-10.00600	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT136) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1962/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.460	.609	99.90100	-.12709	-.02696	-.06818	-.01907	-18.23000	12.04300	-10.00800	10.01800
99.229	100.450	99.28400	-.11800	-.02222	-.05333	-.01394	-18.21300	12.02000	-10.00900	10.02100
99.334	200.370	99.08000	-.09737	-.02036	-.04157	-.01275	-18.19600	12.01200	-9.99490	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1963/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.710	200.560	98.66300	-.08637	-.02341	-.03263	-.01251	-18.19600	12.00100	-9.98980	10.01900
150.330	100.550	98.95500	-.09625	-.02524	-.03885	-.01444	-18.20700	12.01100	-10.00900	10.01500
150.700	.540	99.74000	-.11191	-.02940	-.05413	-.01983	-18.22700	12.03800	-10.01600	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1964/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.660	.161	99.88600	-.09957	-.03080	-.04445	-.02100	-18.22200	12.04000	-9.98600	10.00500
199.130	100.340	99.16800	-.08491	-.02585	-.03315	-.01526	-18.20100	12.01500	-10.00900	10.01500
199.470	200.440	98.40100	-.07861	-.02322	-.02623	-.01235	-18.19100	11.99400	-10.00700	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT137) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1965/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.325	100.450	150.49000	-.13203	-.02582	-.06749	-.02122	-18.23000	12.05800	-9.99480	10.01900
99.404	200.420	150.10000	-.11863	-.02340	-.05591	-.01706	-18.21600	12.04200	-9.99060	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT137) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1966/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.370	200.350	149.70000	-.10247	-.02476	-.04651	-.01582	-18.21000	12.03000	-10.02900	10.01100
150.540	100.560	150.45000	-.11183	-.02901	-.05655	-.02109	-18.22500	12.05400	-10.02700	10.01700
150.170	.487	150.99000	-.11801	-.02798	-.06525	-.02622	-18.22700	12.07400	-10.03400	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1967/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.720	.638	150.70000	-.10590	-.02921	-.05738	-.02620	-18.22200	12.06700	-9.99770	10.03300
199.770	100.630	150.21000	-.10180	-.02982	-.05037	-.02124	-18.22100	12.04900	-10.00500	10.02200
199.440	200.540	149.74000	-.09460	-.02559	-.04219	-.01561	-18.20700	12.02900	-10.00700	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT138) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1968/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.360	.022	20.49600	-.10753	-.01893	-.04697	-.00659	-18.19800	10.03100	-10.00300	10.01700
99.654	100.040	20.33300	-.10095	-.01789	-.03796	-.00598	-18.19200	10.02400	-10.02000	10.02300
99.776	199.920	20.16400	-.09032	-.02040	-.03129	-.00629	-18.19200	10.02000	-10.00200	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1969/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.490	199.980	19.70600	-.07369	-.01921	-.01488	-.00281	-18.17900	10.00200	-9.99300	10.02200
150.120	100.060	20.03000	-.08176	-.01869	-.02006	-.00360	-18.18200	10.01100	-9.97120	10.02400
150.390	-.231	20.26800	-.08957	-.02043	-.02861	-.00613	-18.19100	10.02100	-9.96370	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT138) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1970/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.860	-.166	20.13200	-.07974	-.02065	-.01692	-.00884	-18.18600	10.01900	-9.94400	10.01500
199.470	99.758	19.74300	-.06601	-.01861	-.00985	-.00552	-18.17200	10.00500	-10.00800	10.01300
199.500	199.900	19.69800	-.06034	-.01815	-.00644	-.00352	-18.16800	10.00100	-10.00600	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT139) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1971/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.090	-.100	51.49100	-.11563	-.01981	-.04835	-.00884	-18.20600	10.05100	-10.01100	10.01400
99.704	99.875	51.34100	-.10931	-.01901	-.04023	-.00810	-18.20000	10.04400	-9.97770	10.01400
99.468	199.860	51.30800	-.09507	-.02118	-.03323	-.00903	-18.19600	10.04300	-10.03600	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1972/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.590	199.760	50.76300	-.08026	-.02144	-.02059	-.00699	-18.18800	10.02700	-9.98900	10.00600
150.150	100.080	50.99700	-.08917	-.02149	-.02481	-.00752	-18.19400	10.03300	-9.99560	10.02500
150.390	-.498	51.11800	-.09996	-.02412	-.03241	-.01071	-18.20600	10.04200	-10.02000	9.99560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1973/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.200	99.787	50.88500	-.07541	-.02194	-.01871	-.00851	-18.18600	10.03100	-10.01200	10.01500
199.560	199.920	50.49500	-.06869	-.02066	-.01403	-.00713	-18.17900	10.02100	-10.00300	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT140) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1974/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.230	-.131	102.03000	-.13548	-.02511	-.06300	-.01657	-18.23100	10.07500	-10.00700	10.01800
99.051	99.889	100.78000	-.11607	-.01869	-.04652	-.01053	-18.20300	10.03900	-10.00200	10.02000
99.767	199.980	100.81000	-.11381	-.02028	-.04230	-.01072	-18.20600	10.03800	-9.99260	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1975/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.510	199.910	100.63000	-.09371	-.02167	-.03172	-.01020	-18.19700	10.03200	-9.98780	10.02100
150.190	99.751	100.90000	-.10085	-.02320	-.03671	-.01130	-18.20500	10.04000	-10.00700	10.00300
150.710	-.145	101.36000	-.11936	-.02747	-.04844	-.01741	-18.22700	10.06000	-10.01000	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1976/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.740	-.379	101.16000	-.10568	-.02938	-.04067	-.01871	-18.22300	10.05600	-9.98870	10.00600
199.220	99.687	100.79000	-.09178	-.02544	-.03204	-.01268	-18.20500	10.03900	-10.00300	10.01100
199.450	199.860	100.48000	-.08556	-.02228	-.02664	-.00996	-18.19300	10.02800	-10.00900	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT141) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1977/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.300	-3.648	.38597	-.10508	-.01757	-.03417	-.00375	-18.19400	8.01880	-9.99970	10.03400
99.746	95.938	.08473	-.09921	-.01678	-.02618	-.00351	-18.18800	8.01060	-10.00300	10.01000
99.813	196.140	.01785	-.09114	-.01856	-.02071	-.00371	-18.18800	8.00870	-9.99250	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT141) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1978/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.470	196.020	-.73627	-.07227	-.01823	-.00890	-.00053	-18.17500	7.98670	-9.96040	10.00600
150.100	95.878	-.52341	-.07909	-.01772	-.01194	-.00120	-18.17800	7.99230	-10.00300	10.02000
150.360	-3.937	-.23159	-.08709	-.01823	-.01752	-.00352	-18.18400	8.00250	-9.95080	10.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1979/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.840	-4.104	-.28834	-.07499	-.01920	-.01181	-.00504	-18.17900	8.00220	-10.01300	10.01800
199.520	95.871	-.39214	-.06525	-.01726	-.00465	-.00251	-18.16900	7.99520	-10.00400	10.01000
199.690	195.950	-.76950	-.05922	-.01745	-.00242	-.00111	-18.16500	7.98490	-10.01000	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT142) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1980/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.230	-3.971	48.55800	-.11959	-.01873	-.04108	-.00657	-18.20600	7.99050	-10.00800	10.02100
99.537	95.823	48.48900	-.11299	-.01699	-.03406	-.00553	-18.19700	7.98580	-10.00800	10.00500
99.751	196.010	48.35400	-.10404	-.01913	-.02941	-.00680	-18.19700	7.98390	-9.99170	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1981/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]							
150.160	95.941	48.01900	-.09303	-.02047	-.02190	-.00579	-18.19300	7.97410	-10.00600	10.01900
150.490	-4.103	48.51500	-.10988	-.02170	-.02970	-.00791	-18.20700	7.98880	-10.03100	10.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT142) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1982/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.940	-4.115	48.55900	-.09517	-.02519	-.02142	-.01063	-18.20600	7.99130	-9.99060	10.00900
199.300	95.740	48.10100	-.08430	-.02148	-.01649	-.00669	-18.19100	7.97570	-10.00800	10.01100
199.540	196.030	47.95800	-.07723	-.01963	-.01355	-.00572	-18.18200	7.97090	-10.00800	10.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT143) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1983/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.200	-3.905	102.03000	-.14101	-.02345	-.05676	-.01362	-18.23000	8.06790	-10.00600	10.01700
99.151	96.139	101.26000	-.12102	-.01885	-.04125	-.00807	-18.20700	8.04190	-9.97730	10.03300
99.763	196.020	101.05000	-.11773	-.01898	-.03729	-.00760	-18.20500	8.03610	-10.00700	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1984/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.600	195.970	100.62000	-.10012	-.02093	-.02919	-.00702	-18.19900	8.02530	-10.00100	10.02200
150.300	96.019	100.82000	-.10783	-.02234	-.03377	-.00834	-18.20700	8.03220	-10.01400	10.01400
150.560	-4.122	101.20000	-.12794	-.02534	-.04533	-.01392	-18.22700	8.05050	-10.00000	10.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1985/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.990	-3.949	101.23000	-.11815	-.02702	-.03929	-.01543	-18.22500	8.05160	-10.01500	10.04000
199.370	95.936	100.86000	-.10138	-.02421	-.02828	-.00987	-18.20800	8.03370	-10.00300	10.02400
199.430	196.000	100.61000	-.09192	-.02173	-.02367	-.00773	-18.19600	8.02460	-10.01700	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT144) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1366/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.146	-2.093	201.42000	.10962	.01725	-.09773	-.03476	14.72300	19.10200	14.99600	15.01100
.224	97.754	200.41000	.10713	.01587	-.08505	-.02613	14.71800	19.06700	14.98600	15.00300
.548	197.550	199.90000	.10457	.01181	-.08075	-.01794	14.70600	19.04400	14.99400	14.99300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1367/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.666	197.750	200.56000	.11797	.01197	-.11710	-.01643	14.71500	19.06400	14.99800	15.00900
49.721	97.890	201.49000	.12049	.01531	-.12298	-.02674	14.72500	19.09800	14.99300	15.01100
49.956	-2.109	202.39000	.12146	.01569	-.13041	-.03558	14.72700	19.13000	14.99100	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1368/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.090	-2.087	203.11000	.12603	.01286	-.16448	-.03545	14.72300	19.15200	14.99400	15.01000
100.130	97.800	202.54000	.12657	.01448	-.15704	-.02952	14.72700	19.13100	14.99200	15.00700
100.200	197.850	201.56000	.12341	.01387	-.14647	-.01938	14.72300	19.09500	14.98800	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1369/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	197.800	203.90000	.12536	.00921	-.21715	-.02895	14.71300	19.17100	14.98700	15.00200
200.250	97.733	204.14000	.12317	.00806	-.22247	-.03024	14.70900	19.17800	14.99600	15.01700
200.170	-2.285	204.04000	.12179	.00736	-.22392	-.02812	14.70700	19.17400	14.99600	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT145) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1370/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.119	.921	99.61100	.09073	.01219	-.05397	-.01291	14.69800	17.02400	14.99100	15.01200
.388	100.690	99.26900	.08898	.00905	-.04841	-.00963	14.68900	17.01200	14.99600	15.01100
.199	200.850	99.36500	.09119	.00725	-.04984	-.00778	14.68600	17.01100	14.99600	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1371/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.765	200.730	99.77300	.10276	.00880	-.07942	-.00643	14.69700	17.02500	14.99400	15.00900
49.789	100.520	100.05000	.10335	.01046	-.07583	-.00970	14.70200	17.03400	14.99300	15.00700
49.850	.743	100.61000	.10876	.01305	-.08195	-.01495	14.71200	17.05300	14.99400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1372/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.691	.622	101.87000	.11946	.01488	-.11563	-.02138	14.72300	17.09500	14.99300	14.99500
100.620	100.750	101.06000	.11463	.01149	-.10297	-.01337	14.71200	17.06500	14.99600	15.02500
100.370	200.830	100.52000	.11058	.00992	-.09955	-.00989	14.70500	17.04900	14.99200	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1373/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.560	200.690	102.89000	.12267	.01238	-.16723	-.01907	14.71900	17.12400	14.98500	15.00300
200.260	100.780	104.02000	.12042	.01154	-.18256	-.02689	14.71600	17.16100	14.99700	15.01300
200.170	.630	104.27000	.11391	.00903	-.19109	-.03068	14.70600	17.17200	14.99600	15.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVTI46) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1374/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.003	.762	150.98000	.10254	.01654	-.07429	-.02398	14.71600	17.07000	14.99100	15.00300
.526	100.570	150.23000	.10007	.01193	-.06709	-.01458	14.70300	17.04000	14.99300	15.00900
.322	200.900	150.03000	.09852	.00907	-.06529	-.00947	14.69500	17.02900	14.99600	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1375/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.699	200.670	150.63000	.11008	.01048	-.09416	-.00978	14.70600	17.04700	14.99400	15.00300
49.844	100.560	150.85000	.11215	.01282	-.09485	-.01611	14.71300	17.06100	14.99100	15.01000
49.817	.729	151.75000	.11465	.01590	-.10336	-.02594	14.72200	17.09500	14.98700	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1376/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.976	.831	152.93000	.12328	.01365	-.13658	-.02947	14.72300	17.13000	15.00400	15.00800
100.260	100.710	151.92000	.12079	.01430	-.12224	-.02034	14.72200	17.09400	14.99500	15.01100
100.370	200.570	151.53000	.11634	.01218	-.11881	-.01302	14.71400	17.07600	14.99000	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1377/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	200.700	153.91000	.12431	.01218	-.18587	-.02362	14.72000	17.15300	14.98700	15.00900
200.340	100.790	154.42000	.11775	.00855	-.19517	-.02778	14.70700	17.17100	14.99300	15.01700
200.050	.680	154.50000	.11647	.00803	-.19992	-.02848	14.70500	17.17400	14.99000	15.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT147) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1378/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.308	.264	-1.26860	.05941	.00878	-.01338	-.00456	14.67000	14.98700	14.98700	15.00900
.170	100.070	-1.59750	.06084	.00747	-.01130	-.00289	14.66800	14.97800	14.99600	15.02200
.082	200.140	-1.41570	.06577	.00475	-.01746	.00181	14.66400	14.97700	14.99000	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1379/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.790	200.090	-.75569	.09166	.00689	-.04713	-.00213	14.68600	15.00300	14.99700	14.98800
50.157	100.140	-.80440	.08878	.00800	-.04319	-.00549	14.68700	15.00500	14.99400	15.01600
50.295	.139	-.24159	.08190	.01143	-.03706	-.01016	14.69100	15.02100	14.99900	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1380/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.832	.109	.92393	.09738	.01268	-.07583	-.01586	14.70400	15.06100	14.99500	14.99300
99.986	100.130	.51142	.09673	.01136	-.07838	-.00968	14.70000	15.04500	14.99000	15.02200
100.010	200.320	.64326	.09645	.01056	-.08438	-.00605	14.69800	15.04400	14.98800	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1381/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.680	200.060	2.59240	.10551	.01232	-.13240	-.01932	14.70800	15.11200	14.98100	15.00300
200.010	100.200	3.01290	.10540	.01342	-.13918	-.02056	14.71100	15.12300	14.99400	15.00800
200.370	.029	3.29950	.10397	.01477	-.15319	-.02658	14.71300	15.14100	15.00000	15.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT148) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1382/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.075	.145	49.51700	.08407	.00874	-.03613	-.00440	14.68500	15.01000	14.99300	15.01200
.207	100.110	49.17700	.08566	.00641	-.03155	-.00334	14.68100	15.00100	14.99400	15.00700
.280	200.030	49.35700	.08379	.00509	-.03584	-.00191	14.67600	15.00400	14.99600	14.99700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1383/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.750	200.120	49.94500	.09760	.00778	-.05966	-.00285	14.69200	15.02200	15.00000	15.00000
49.970	100.060	49.96600	.09923	.00823	-.06202	-.00343	14.69400	15.02400	14.99200	15.01400
50.062	.199	50.19800	.10015	.01032	-.05860	-.00737	14.69900	15.03300	14.99400	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1384/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.874	.063	51.20200	.10947	.01317	-.08824	-.01260	14.71200	15.06700	15.00000	14.99400
100.190	100.150	50.65700	.10587	.01092	-.08424	-.00835	14.70500	15.05000	14.99100	15.02200
100.270	200.140	50.70400	.10530	.00959	-.08077	-.00763	14.70100	15.04800	14.99300	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1385/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.660	200.180	52.87700	.11451	.01199	-.13943	-.01577	14.71300	15.11600	14.98500	14.99800
199.990	100.320	53.33700	.11647	.01367	-.14923	-.01927	14.71800	15.13200	14.99700	15.01600
200.440	.050	53.95900	.10793	.01058	-.16440	-.02719	14.70600	15.15900	14.99700	14.99200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT149) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1386/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.087	.283	101.85000	.09395	.01281	-.04982	-.01309	14.70200	15.06700	14.99000	15.00500
.401	100.040	101.60000	.09162	.00950	-.04671	-.00850	14.69200	15.05500	14.99200	15.00700
.162	200.190	101.48000	.09427	.00704	-.05020	-.00555	14.68800	15.05000	14.99000	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1387/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.855	200.120	102.02000	.10189	.00892	-.07439	-.00551	14.69700	15.06600	15.00000	15.01000
49.772	100.020	102.13000	.10271	.01066	-.07166	-.00857	14.70200	15.07200	14.99000	15.00900
49.851	.108	102.83000	.10704	.01352	-.07635	-.01383	14.71200	15.09400	14.99100	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1388/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.566	.176	103.52000	.11777	.01412	-.10618	-.01923	14.72000	15.12200	14.99600	15.00400
100.600	100.180	102.93000	.11316	.01160	-.09507	-.01156	14.71100	15.09700	14.99400	15.02200
100.410	200.350	102.78000	.10756	.01027	-.09206	-.00804	14.70400	15.08900	14.99100	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1389/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.550	200.080	104.53000	.11880	.01284	-.14968	-.01632	14.71800	15.14800	14.98700	15.00900
200.200	100.190	105.54000	.11541	.01121	-.16468	-.02378	14.71200	15.18200	14.99400	15.00400
200.120	-.063	105.64000	.11032	.00957	-.17164	-.02793	14.70500	15.19100	14.99500	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT150) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1390/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.079	-3.786	-.75669	.07461	.00618	-.01989	.00015	14.67300	12.99500	14.99300	15.00800
.158	96.064	-1.32720	.07702	.00459	-.01967	.00226	14.67100	12.98100	14.99500	15.00600
.001	196.210	-1.13620	.07678	.00364	-.02006	.00231	14.66800	12.98400	14.99400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1391/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.794	196.180	-.32034	.09149	.00716	-.04407	-.00084	14.68600	13.01000	14.99900	15.00000
50.087	96.120	-.26084	.09190	.00762	-.04379	-.00236	14.68800	13.01400	14.99600	15.01000
50.216	-3.656	-.29527	.09036	.00906	-.03956	-.00459	14.69000	13.01500	14.99800	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1392/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.861	-4.009	.84350	.09929	.01171	-.06858	-.00989	14.70200	13.05200	14.99200	14.99700
100.050	96.309	.68191	.09891	.01035	-.06764	-.00720	14.69900	13.04400	14.98500	15.01800
100.170	196.090	.66858	.09711	.00965	-.06559	-.00679	14.69600	13.04300	14.99500	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.0000C	.00000	.00000

RUN NO. 1393/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.760	196.080	2.41680	.10603	.01197	-.11656	-.01433	14.70700	13.10000	14.98600	15.00100
199.980	96.209	2.58910	.10781	.01273	-.12242	-.01545	14.71000	13.10600	14.99400	15.00800
200.370	-3.999	3.29790	.10472	.01390	-.13483	-.02190	14.71200	13.13200	14.99900	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT151) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1394/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.024	-3.727	48.69100	.08686	.00909	-.03089	-.00560	14.68800	12.99800	14.99800	15.00800
.066	96.130	48.70800	.08520	.00670	-.03140	-.00292	14.68100	12.99500	14.98400	15.00500
.432	195.970	48.46000	.08527	.00577	-.03379	-.00193	14.67900	12.98900	14.99800	14.99700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1395/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.859	196.150	49.63900	.09590	.00788	-.05372	-.00291	14.69100	13.01800	14.99900	14.99900
49.986	96.117	49.35500	.09680	.00872	-.05359	-.00386	14.69300	13.01400	14.99300	15.01400
49.939	-3.699	49.46600	.09859	.01074	-.05420	-.00688	14.69900	13.02000	14.99300	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1396/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.805	-3.887	50.41400	.10914	.01242	-.07929	-.01050	14.71000	13.05000	14.99400	14.99500
100.300	96.044	49.73100	.10421	.00980	-.07317	-.00604	14.70100	13.02900	14.99000	15.01900
100.230	196.160	49.65300	.10224	.00934	-.07242	-.00554	14.69800	13.02700	14.99500	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1397/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.790	195.930	51.40400	.11226	.01196	-.12299	-.01234	14.71100	13.08200	14.98900	14.99500
199.900	96.138	51.98000	.11366	.01375	-.13167	-.01654	14.71700	13.10100	14.99200	15.00000
200.250	-3.831	52.94100	.10625	.01021	-.14428	-.02456	14.70400	13.13400	14.99200	15.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT152) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1398/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.112	-3.637	100.27000	.09802	.01161	-.05088	-.00900	14.70100	13.03800	14.98800	15.01000
.513	96.076	99.86300	.09381	.00892	-.04767	-.00502	14.69200	13.02400	14.99200	15.00800
.195	196.180	99.81000	.09261	.00758	-.04879	-.00368	14.68800	13.02100	14.99400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1399/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.899	196.170	100.20000	.10019	.00878	-.06639	-.00390	14.69600	13.03300	14.99700	15.00500
49.727	96.162	100.56000	.10256	.01005	-.06674	-.00579	14.70000	13.04300	14.99000	15.00900
49.923	-3.866	100.92000	.10737	.01308	-.07154	-.01053	14.71100	13.05700	14.99300	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1400/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.628	-3.894	101.77000	.11713	.01371	-.09897	-.01555	14.71800	13.08700	14.99200	14.99800
100.460	96.212	101.01000	.11285	.01083	-.08645	-.00870	14.70900	13.06000	14.99200	15.01800
100.490	196.010	100.68000	.10805	.00941	-.08212	-.00637	14.70200	13.04900	14.99400	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1401/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.620	196.010	102.51000	.11623	.01285	-.13390	-.01311	14.71600	13.10700	14.98600	15.00500
200.290	96.020	103.38000	.11129	.01107	-.14652	-.02056	14.70900	13.13700	14.99300	15.00200
200.110	-3.890	103.86000	.10770	.00994	-.15231	-.02476	14.70400	13.15400	14.99100	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT153) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1476/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.072	-2.210	201.33000	.05619	.02123	-.08825	-.03706	10.99900	19.10500	14.99200	15.01000
.043	97.827	200.82000	.05447	.01912	-.07322	-.03086	10.99300	19.08200	14.98400	15.00900
.366	197.840	200.04000	.05040	.01727	-.06106	-.02343	10.98500	19.05300	14.99800	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1477/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.851	197.710	200.38000	.06969	.01422	-.07408	-.02757	10.99000	19.06900	14.99400	15.01200
49.870	97.687	201.29000	.07016	.01603	-.08844	-.03325	10.99500	19.09800	14.99000	15.00400
49.957	-2.178	202.08000	.07091	.01713	-.09945	-.04013	10.99800	19.12600	14.98900	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1478/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.999	-2.268	202.65000	.08048	.01300	-.11932	-.04372	10.99400	19.14700	14.99400	15.01000
100.210	97.859	201.83000	.08363	.01214	-.11393	-.03732	10.99400	19.12100	14.99300	15.01000
100.310	197.910	201.26000	.08567	.01096	-.10486	-.02799	10.99200	19.09500	14.99200	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1479/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.340	197.880	203.37000	.08782	.00612	-.17094	-.03658	10.98200	19.16400	14.98600	15.00500
200.110	97.718	203.43000	.08659	.00489	-.17360	-.03931	10.97800	19.17000	14.99300	15.01400
200.120	-2.177	203.28000	.08640	.00440	-.17247	-.03893	10.97700	19.16600	14.99700	15.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT154) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1480/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.082	.968	99.07700	.04138	.01717	-.04749	-.01514	10.97900	17.02000	14.99200	15.01500
.425	100.750	98.59300	.04024	.01470	-.03841	-.01245	10.97200	17.00400	14.99600	15.00600
.081	200.900	98.58700	.04115	.01262	-.03286	-.01185	10.96800	17.00200	14.99600	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1481/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.687	200.920	99.21000	.05904	.01160	-.04347	-.01493	10.97700	17.02100	14.99500	15.01700
49.942	101.160	99.16400	.05798	.01285	-.05066	-.01506	10.97900	17.02200	14.99700	15.03100
49.729	.895	99.68900	.05959	.01527	-.05565	-.02013	10.98600	17.04000	14.98600	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1482/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.815	.783	100.70000	.07582	.01283	-.07810	-.02708	10.99000	17.07500	14.99600	14.99600
100.250	100.880	100.05000	.07184	.01115	-.07083	-.01832	10.98400	17.04900	14.99000	15.02100
100.640	200.680	99.75000	.07350	.00893	-.06689	-.01510	10.97900	17.03700	14.99500	14.99700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1483/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.860	200.750	101.87000	.08443	.00940	-.12471	-.02506	10.98800	17.10700	14.98300	14.99800
200.130	100.860	102.53000	.08363	.00817	-.13573	-.03240	10.98400	17.13300	14.99200	15.00700
200.260	.780	103.09000	.07971	.00544	-.14520	-.03711	10.97500	17.15200	14.99800	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT155) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1484/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.017	.839	150.90000	.05367	.01897	-.06458	-.02623	10.99200	17.07300	14.99100	15.00700
.383	100.950	149.96000	.05049	.01589	-.05144	-.01925	10.98200	17.04200	14.98400	15.01500
.192	200.660	149.56000	.04758	.01441	-.04485	-.01535	10.97600	17.02600	14.99900	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1485/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.906	200.830	150.05000	.06870	.01084	-.06073	-.01700	10.98100	17.04300	14.99600	15.01200
49.832	100.870	150.23000	.06774	.01359	-.06655	-.02126	10.98700	17.05300	14.98800	15.01500
49.929	.907	151.18000	.06733	.01601	-.07886	-.03020	10.99300	17.08800	14.98400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1486/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.260	.686	152.08000	.07568	.01401	-.09974	-.03457	10.99400	17.11600	14.99800	15.00200
100.030	100.830	151.27000	.07890	.01289	-.08597	-.02739	10.99300	17.08700	14.99100	15.00700
100.670	200.480	150.79000	.07888	.00992	-.08373	-.01942	10.98500	17.06600	14.99300	14.99800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1487/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.120	200.870	153.13000	.08526	.00864	-.14286	-.03064	10.98600	17.14200	14.98700	15.00200
200.110	100.930	153.48000	.08192	.00563	-.15042	-.03619	10.97700	17.15800	14.99100	15.01500
200.090	.712	153.78000	.08193	.00462	-.15316	-.03695	10.97500	17.16600	14.99100	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT156) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1531/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.347	.296	.91496	.02287	.01176	-.01491	-.00462	10.95400	15.03100	14.99000	15.01000
.203	100.120	.64794	.02359	.01068	-.01424	-.00188	10.95200	15.02200	14.98200	15.01000
.299	200.250	.32826	.02277	.00998	-.01499	-.00221	10.94900	15.01700	15.00500	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1532/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.921	200.090	1.09680	.04727	.01001	-.01747	-.00758	10.96500	15.03900	15.00300	14.99800
50.113	99.979	1.09960	.04659	.01098	-.01876	-.00884	10.96700	15.04200	14.99000	14.99800
49.961	.185	1.38490	.04269	.01325	-.02396	-.00977	10.97000	15.05000	14.99300	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1533/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.280	.252	1.95730	.06118	.01282	-.04418	-.01643	10.98000	15.07600	15.00200	14.99800
100.160	100.160	1.64090	.06569	.00948	-.04524	-.01261	10.97500	15.06500	14.98600	15.01900
99.982	200.290	1.66190	.06862	.00842	-.05081	-.00887	10.97400	15.06100	14.98800	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1534/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.310	200.080	3.90840	.07076	.01047	-.10840	-.01833	10.98100	15.13200	14.98800	14.99500
200.040	100.140	4.30590	.07071	.01093	-.11068	-.02243	10.98200	15.14600	14.99300	15.00900
200.590	.228	5.14650	.06988	.01155	-.11257	-.03307	10.98300	15.17800	15.00500	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT157) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1492/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.197	.305	49.44400	.03652	.01338	-.02625	-.00829	10.96700	15.01200	14.99100	15.00700
.442	100.250	49.29500	.03556	.01161	-.02456	-.00659	10.96200	15.00600	14.98700	15.00000
.053	200.210	49.27800	.03692	.01004	-.02231	-.00724	10.95900	15.00600	14.99500	14.99900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1493/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.635	200.500	49.52000	.05811	.00836	-.03037	-.00910	10.96800	15.01500	14.99400	15.02700
50.036	100.370	49.52500	.05861	.00958	-.03364	-.00908	10.97100	15.01600	14.99700	15.01500
49.808	.240	49.88200	.05778	.01206	-.03809	-.01169	10.97700	15.02800	14.98400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1494/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.200	.164	50.72600	.06937	.01181	-.06072	-.01580	10.98400	15.05600	15.00800	14.99800
100.180	100.220	50.32500	.07192	.00846	-.05416	-.01209	10.97700	15.04100	14.98900	15.01200
100.230	199.610	50.18200	.07336	.00747	-.05403	-.00984	10.97500	15.03500	14.99200	14.97400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1495/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.130	200.250	51.91300	.07735	.00961	-.10369	-.01967	10.98300	15.09500	14.99100	14.99400
199.980	100.130	52.46200	.07935	.01003	-.10807	-.02514	10.98600	15.11400	14.99100	15.00900
200.420	.166	53.41900	.07382	.00738	-.12275	-.03294	10.97600	15.14800	14.99600	14.99300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT158) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1496/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.298	.224	100.61000	.05100	.01452	-.04167	-.01434	10.97900	15.04600	14.98700	15.00400
.486	100.210	100.05000	.04857	.01248	-.03452	-.01124	10.97200	15.02900	14.99500	15.00200
.007	200.440	100.10000	.04868	.01086	-.03229	-.00998	10.96800	15.02700	14.99400	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1497/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.887	200.210	100.40000	.06487	.00958	-.04427	-.01223	10.97500	15.03900	14.99500	15.01000
49.968	100.300	100.64000	.06188	.01166	-.04572	-.01319	10.97800	15.04600	14.99500	15.01400
49.779	.157	101.01000	.06383	.01459	-.05226	-.01909	10.98700	15.06300	14.98600	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1498/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.010	.091	101.94000	.07334	.01337	-.07454	-.02500	10.99000	15.09500	14.99400	14.99600
100.340	100.280	101.29000	.07239	.01104	-.06462	-.01703	10.98400	15.06900	14.98600	15.01100
100.160	199.690	101.04000	.07341	.00892	-.06472	-.01295	10.97900	15.05800	14.99500	14.98100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1499/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.160	200.230	102.73000	.08017	.00958	-.11448	-.02219	10.98500	15.11600	14.98900	15.00100
200.010	100.170	103.85000	.07849	.00834	-.12290	-.02941	10.98100	15.15000	14.98800	15.00700
200.140	.312	104.10000	.07679	.00562	-.13279	-.03346	10.97400	15.16300	14.99400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT159) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1500/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.088	-3.900	-1.31370	.03147	.00979	-.01394	-.00278	10.95500	12.98300	14.98700	15.00800
.166	96.189	-1.40990	.03148	.00928	-.01040	-.00273	10.95300	12.98100	14.99000	15.01000
.314	196.150	-1.22060	.03587	.00632	-.01850	-.00239	10.94900	12.98600	15.00100	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1501/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.765	196.100	-.89476	.05580	.00644	-.02114	-.00501	10.96200	12.99600	14.99700	15.00400
49.650	96.165	-.90412	.05188	.00878	-.02260	-.00574	10.96500	12.99800	14.99300	15.00700
50.153	-3.970	-.77411	.05184	.00946	-.02610	-.00635	10.96700	13.00200	14.98800	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1502/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.220	-3.959	.03292	.06211	.01085	-.04905	-.00968	10.97700	13.02800	15.00100	14.99800
100.190	96.234	-.06894	.06437	.00869	-.04601	-.00809	10.97300	13.02300	14.98900	15.00600
100.270	195.570	-.41355	.06981	.00716	-.04254	-.00656	10.97200	13.01300	14.99500	14.97800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1503/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.160	196.150	1.47510	.07123	.00977	-.08719	-.01686	10.98000	13.07500	14.99200	15.00000
199.940	95.991	1.77090	.07154	.00984	-.08817	-.02125	10.98000	13.08700	14.99300	15.00500
200.270	-3.609	2.40980	.06789	.01030	-.10005	-.02776	10.97900	13.11200	14.99500	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT160) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1504/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.145	-3.913	48.73400	.04450	.01151	-.02346	-.00781	10.96700	12.99700	14.98900	14.99800
.100	96.196	48.66100	.04176	.01091	-.01967	-.00673	10.96400	12.99300	14.98700	15.00700
.122	196.290	48.47600	.04212	.00978	-.01925	-.00671	10.96100	12.99000	15.00400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1505/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.214	196.080	48.97000	.05895	.00851	-.03071	-.00710	10.96900	13.00200	14.99600	15.00400
49.820	96.228	48.85900	.05736	.01019	-.03018	-.00828	10.97200	13.00200	14.98700	15.01800
50.025	-3.961	49.32700	.05892	.01213	-.03340	-.01063	10.97800	13.01500	14.99200	15.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1506/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.060	-3.979	50.08100	.06808	.01241	-.05346	-.01538	10.98400	13.04100	14.99500	14.99100
100.240	96.198	49.76800	.06869	.00928	-.04917	-.01067	10.97700	13.02700	14.99600	15.02000
100.280	196.050	49.40700	.07009	.00833	-.04955	-.00902	10.97500	13.01800	14.99300	15.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1507/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.030	196.110	51.15700	.07437	.00941	-.09023	-.01749	10.98100	13.07400	14.98200	14.98400
199.900	96.040	51.55300	.07649	.00991	-.09776	-.02203	10.98400	13.09000	14.99200	15.00600
200.240	-3.827	52.33400	.07053	.00724	-.11089	-.02882	10.97400	13.11800	14.99700	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT161) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1508/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.074	-3.870	100.37000	.05627	.01247	-.03856	-.01224	10.97700	13.03600	14.98800	15.00600
.373	96.078	100.11000	.05459	.01090	-.03111	-.00972	10.97200	13.02600	14.99500	15.00700
.256	196.200	99.90900	.05453	.00935	-.03031	-.00808	10.96800	13.01900	14.99700	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1509/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.019	196.030	100.21000	.06593	.00819	-.04359	-.00853	10.97200	13.02900	14.98900	15.00000
49.942	96.158	100.54000	.06544	.00951	-.04439	-.01087	10.97500	13.03900	14.99000	15.01400
49.733	-3.943	100.64000	.06864	.01190	-.05071	-.01555	10.98300	13.04900	14.99200	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1510/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.912	-3.957	101.90000	.07292	.01259	-.07297	-.02073	10.98800	13.08600	14.99400	15.00000
100.410	96.088	101.03000	.07210	.01036	-.06125	-.01420	10.98200	13.05700	14.99300	15.00600
100.520	196.180	100.90000	.07079	.00907	-.05918	-.01043	10.97800	13.04900	14.99300	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1511/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	196.220	102.46000	.07786	.00924	-.10030	-.01957	10.98300	13.10200	14.98700	15.00400
200.000	96.158	102.94000	.07521	.00805	-.11150	-.02533	10.97800	13.12200	14.99200	15.01200
200.200	-3.717	103.59000	.07382	.00616	-.12262	-.02810	10.97300	13.14100	14.99600	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT162) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1625/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.160	-2.321	203.07000	.03581	.01285	-.10714	-.04029	6.96450	19.14900	14.99300	15.01200
100.020	97.570	202.44000	.03475	.01352	-.09524	-.03616	6.96530	19.12700	14.98600	15.00900
100.220	197.590	201.36000	.03901	.01234	-.07396	-.03063	6.96490	19.09400	15.00200	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1626/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.210	197.610	202.44000	.04858	.00886	-.10112	-.03549	6.96250	19.12800	14.99100	15.00800
150.240	97.723	203.03000	.04434	.00906	-.11429	-.04042	6.96050	19.15000	14.99500	15.01800
149.810	-2.364	203.35000	.04298	.00928	-.11829	-.04288	6.96030	19.16100	14.99700	15.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1627/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.570	-2.341	204.00000	.04662	.00508	-.13430	-.04395	6.95240	19.17800	14.99200	15.00700
200.180	97.600	203.73000	.04830	.00495	-.13275	-.04456	6.95310	19.17400	14.98400	15.01500
199.940	197.780	203.06000	.05086	.00521	-.12854	-.03980	6.95520	19.15300	14.98700	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT163) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1628/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.030	.629	101.80000	.02819	.01384	-.06822	-.02554	6.96160	17.08900	14.98800	15.02000
100.700	[illegible]	101.05000	.03044	.01251	-.05797	-.01785	6.95960	17.06100	14.99500	15.01400
100.140	200.600	100.74000	.03322	.01052	-.05047	-.01809	6.95040	17.05100	[illegible]	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT163) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1629/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.150	200.900	101.62000	.04078	.00908	-.06876	-.02107	6.95780	17.08000	14.99400	15.02500
149.970	100.510	102.02000	.04159	.00964	-.07702	-.02428	6.95970	17.09400	14.99000	15.01500
149.860	.550	102.56000	.03954	.00943	-.08939	-.03058	6.95820	17.11700	14.98500	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1630/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.400	.484	103.67000	.04131	.00597	-.11233	-.03602	6.95100	17.15100	15.00300	15.01300
200.220	100.590	103.03000	.04429	.00725	-.10457	-.03090	6.95570	17.13000	14.98500	15.01700
200.130	200.480	102.34000	.04646	.00743	-.09593	-.02479	6.95740	17.10600	14.98900	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT164) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1631/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.100	.676	150.73000	.03466	.01236	-.08692	-.03103	6.96220	17.08300	14.98700	15.01600
100.190	100.290	150.09000	.03576	.01284	-.07192	-.02543	6.96390	17.05900	14.98800	15.00400
100.320	200.760	150.65000	.03582	.01124	-.06042	-.02136	6.95990	17.05900	15.00300	15.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1632/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.900	201.290	151.52000	.04702	.00807	-.08348	-.02397	6.95930	17.08500	14.98900	15.04700
150.100	100.580	152.40000	.04411	.00939	-.09093	-.03237	6.96090	17.11600	14.98600	15.01800
150.020	.667	152.33000	.04185	.00982	-.10264	-.03623	6.96070	17.12300	14.98700	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT164) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1633/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.400	.643	153.53000	.04143	.00573	-.11947	-.04012	6.95060	17.15500	14.99500	15.00800
200.140	100.480	153.15000	.04480	.00616	-.11452	-.03727	6.95370	17.14300	14.99300	15.02000
200.020	200.460	152.66000	.04906	.00645	-.10866	-.03110	6.95690	17.12400	14.99600	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT165) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1652/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.770	.138	10.87500	.02352	.01282	-.04207	-.01241	6.95590	15.05300	14.98900	15.01000
100.270	99.954	10.73300	.02849	.01078	-.03622	-.01101	6.95390	15.04700	14.98900	15.02700
100.150	200.120	10.48900	.02916	.00943	-.03480	-.01048	6.95100	15.04100	15.00800	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1653/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.180	200.020	11.15700	.04141	.00766	-.04804	-.01682	6.95450	15.06600	14.99800	15.01300
150.100	100.090	11.37900	.03900	.00877	-.05272	-.01743	6.95570	15.07300	14.99400	15.01600
150.350	.039	11.76800	.03642	.01051	-.05680	-.02091	6.95850	15.08700	14.99600	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1654/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.780	99.824	12.22500	.04374	.00691	-.07708	-.02225	6.95430	15.10200	14.99000	15.02700
200.100	199.930	12.21500	.04587	.00603	-.07370	-.02068	6.95350	15.09800	14.99500	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT166) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1655/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.933	.351	50.82600	.02959	.01198	-.04780	-.01465	6.95760	15.04900	14.99400	15.01700
100.080	99.981	50.54100	.02958	.01056	-.04134	-.01166	6.95410	15.03800	14.98900	15.02400
100.170	200.130	50.33600	.03103	.00959	-.03716	-.01114	6.95260	15.03200	15.00800	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1656/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.040	200.130	50.83900	.04236	.00690	-.05296	-.01552	6.95320	15.05200	14.99300	15.01200
150.100	100.110	51.21700	.04066	.00829	-.05926	-.01642	6.95560	15.06200	14.99400	15.01800
150.330	.043	51.57900	.03988	.00987	-.06870	-.02228	6.95910	15.07900	14.99900	15.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1657/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.050	.122	53.01800	.03967	.00681	-.09763	-.02950	6.95180	15.12500	14.99400	15.01200
200.000	100.220	52.28800	.04587	.00679	-.08148	-.02295	6.95540	15.09700	14.98800	15.03200
200.120	200.160	51.36500	.04680	.00615	-.07714	-.01835	6.95430	15.07200	14.98900	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT167) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1658/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.020	.129	102.15000	.03324	.01209	-.06547	-.02269	6.96040	15.08900	14.99100	15.01300
100.370	99.940	101.48000	.03184	.01146	-.05286	-.01594	6.95780	15.06400	14.99300	15.01800
100.290	200.220	101.48000	.03712	.00829	-.04747	-.01382	6.95330	15.05900	15.00700	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT167) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1659/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.160	200.190	102.17000	.04305	.00740	-.06897	-.01596	6.95500	15.08100	14.98900	15.01500
149.940	99.912	102.14000	.04195	.00943	-.07027	-.02198	6.95930	15.08900	14.99400	15.01000
149.930	.117	103.22000	.03875	.01007	-.08508	-.02766	6.95910	15.12200	14.99600	15.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1660/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.580	-.082	103.91000	.03794	.00726	-.10404	-.03386	6.95190	15.14900	14.99200	15.01300
200.120	100.040	103.21000	.04298	.00743	-.09479	-.02915	6.95530	15.12600	14.97900	15.02100
200.360	199.920	102.78000	.04419	.00772	-.09034	-.02108	6.95660	15.10500	14.99400	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	..00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT168) (26 APR 77)

REFERENCE DATA

[illegible]EF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
[illegible]EF = 1290.3000 INCHES YMRP = .0000 IN. YB
[illegible]F = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1643/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.260	-4.014	-.61671	.02860	.00991	-.03600	-.00903	6.95190	13.01100	14.99200	15.01600
99.825	95.938	-.99449	.03020	.00942	-.02928	-.00854	6.95170	13.00100	14.98000	15.02300
100.260	196.230	-.87639	.03203	.00788	-.02798	-.00797	6.94900	13.00200	15.01300	15.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1644/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.030	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.050	96.056	-.38003	.04008	.00708	-.04967	-.01150	6.95220	13.02200	14.99000	15.02000
150.120	-4.023	-.10327	.03701	.00918	-.05386	-.01425	6.95550	13.03300	14.99100	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT168) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1645/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.490	-4.224	1.24330	.03329	.01003	-.07610	-.02390	6.95550	13.07800	15.00000	15.00000
199.870	95.916	.41958	.04106	.00712	-.06927	-.01626	6.95310	13.04900	14.99000	15.02700
200.130	195.960	.26293	.04321	.00586	-.06558	-.01528	6.95130	13.04400	14.99200	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT169) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1646/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.827	-4.005	50.69000	.03229	.01024	-.04445	-.01280	6.95510	13.04800	14.98500	15.01400
100.340	95.694	50.31700	.03044	.01002	-.03670	-.01003	6.95320	13.03500	14.99000	15.01400
100.190	196.110	50.20800	.03609	.00752	-.03584	-.00838	6.95070	13.03000	15.00800	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1647/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.220	195.710	50.69000	.04191	.00690	-.05215	-.01091	6.95290	13.04700	14.99100	15.00000
150.140	96.015	50.77000	.03846	.00866	-.05251	-.01381	6.95510	13.05300	14.98700	15.00800
149.870	-4.110	51.37300	.03735	.01021	-.06056	-.02020	6.95830	13.07600	14.99500	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1648/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.380	-4.070	52.82500	.03746	.00688	-.08445	-.02787	6.95050	13.12000	14.99500	14.99800
200.220	95.772	51.85700	.04069	.00828	-.07371	-.01951	6.95570	13.08700	14.98900	15.02000
200.200	196.010	51.15300	.03971	.00775	-.07444	-.01343	6.95370	13.06500	14.99800	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT170) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1649/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.210	-3.987	100.86000	.03668	.00983	-.06185	-.01918	6.95700	13.06300	14.99000	15.01100
100.400	95.995	100.30000	.03506	.00918	-.05096	-.01300	6.95420	13.04000	14.98500	15.01600
100.070	196.210	99.92900	.03759	.00767	-.04668	-.01047	6.95210	13.02900	15.00800	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1650/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.230	195.890	100.48000	.04155	.00784	-.06284	-.01278	6.95500	13.04700	14.99100	15.01100
149.970	95.897	100.81000	.04075	.00899	-.06528	-.01828	6.95740	13.06100	14.99300	15.01400
150.050	-4.126	101.62000	.03936	.00879	-.08044	-.02372	6.95630	13.08900	14.99500	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1651/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.470	-4.066	102.46000	.03888	.00560	-.09842	-.02806	6.94830	13.11500	14.99400	15.01000
200.000	96.201	101.88000	.04045	.00738	-.08563	-.02558	6.95350	13.09700	14.98800	15.03300
200.170	195.240	101.27000	.04326	.00755	-.08065	-.01798	6.95550	13.07400	14.99100	14.98700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT171) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1730/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.092	97.757	201.33000	-.08990	-.02762	-.09664	-.03752	-15.21000	19.10800	-15.00300	15.01500
-.471	197.800	200.46000	-.07969	-.02496	-.07832	-.02965	-15.19700	19.07500	-15.01200	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT171) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 19.000
Y = 200.000 JET PC = .000
MACH = 4.500

RUN NO. 1731/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.619	197.740	199.80000	-.07646	-.02465	-.06509	-.02554	-15.19400	19.05300	-15.00800	15.01200
50.100	97.556	200.65000	-.08479	-.02741	-.07827	-.03310	-15.20600	19.08400	-15.01200	15.00900
49.950	-2.221	201.38000	-.09005	-.02563	-.09136	-.04040	-15.20500	19.11200	-15.01000	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1732/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.511	-2.215	200.97000	-.07851	-.02512	-.07473	-.03626	-15.19700	19.09300	-15.00900	15.01700
99.558	97.713	199.75000	-.07173	-.02413	-.06049	-.02805	-15.19000	19.05500	-15.00800	15.01200
99.323	197.840	199.17000	-.06453	-.02140	-.04849	-.02133	-15.17900	19.03100	-15.00900	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1733/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.600	197.920	199.25000	-.05715	-.02091	-.04506	-.02191	-15.17400	19.03200	-15.00400	15.01600
200.230	97.790	200.24000	-.06476	-.02394	-.05600	-.02847	-15.18600	19.06400	-15.00400	15.01400
200.220	-2.225	200.59000	-.07348	-.02649	-.06849	-.03616	-15.19700	19.08500	-15.00500	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT172) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1734/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.216	.771	100.55000	-.08242	-.02401	-.06424	-.02417	-15.19700	17.05900	-15.00500	15.01500
-.289	100.820	100.22000	-.07362	-.02155	-.05472	-.01918	-15.18500	17.04300	-15.00200	15.01700
-.648	200.710	99.77700	-.06691	-.02140	-.04955	-.01743	-15.18100	17.03200	-15.01500	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT172) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1735/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.703	200.660	99.42200	-.05827	-.01962	-.03272	-.01442	-15.17100	17.01600	-14.99700	15.01400
49.854	100.660	99.51300	-.06335	-.02030	-.03738	-.01626	-15.17600	17.02100	-15.01000	15.02200
50.133	.755	100.35000	-.07287	-.02355	-.04813	-.02155	-15.19000	17.04800	-15.00700	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1736/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.615	.822	99.57900	-.06283	-.02111	-.03781	-.01866	-15.17800	17.02600	-15.00000	15.01900
99.379	100.860	99.31900	-.05491	-.01815	-.02993	-.01368	-15.16600	17.01200	-15.00900	15.01700
99.725	200.640	98.99600	-.05153	-.01793	-.02588	-.01163	-15.16300	17.00200	-15.00900	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1737/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.590	200.640	99.08700	-.03971	-.01628	-.02155	-.01190	-15.15200	17.00300	-14.99500	15.01000
199.990	100.700	99.21800	-.04364	-.01779	-.02584	-.01499	-15.15800	17.01100	-15.00200	15.01900
200.100	.671	100.01000	-.05288	-.02053	-.03692	-.02074	-15.17000	17.03700	-15.00400	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT173) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1738/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.176	.802	151.69000	-.09398	-.02586	-.09187	-.03420	-15.20800	17.10400	-15.00300	15.01000
-.456	200.620	150.12000	-.07146	-.02186	-.06126	-.02101	-15.18500	17.04600	-15.00500	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT173) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 17.000
Y = 150.000 JET PC = .000
MACH = 4.500

RUN NO. 1739/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.586	200.650	149.88000	-.06787	-.02116	-.04850	-.01737	-15.18100	17.03400	-15.00400	15.01600
49.875	100.680	150.05000	-.07469	-.02245	-.05574	-.02114	-15.18800	17.04400	-15.01300	15.01500
50.550	.874	151.20000	-.09014	-.02705	-.07460	-.03215	-15.20900	17.08700	-15.00500	15.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1740/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.387	.610	150.55000	-.07703	-.02484	-.05893	-.02791	-15.19500	17.06400	-15.00600	15.01300
99.152	100.850	149.47000	-.06541	-.02039	-.04302	-.01858	-15.17700	17.02700	-15.01000	15.02400
99.513	200.740	149.08000	-.05955	-.01911	-.03574	-.01503	-15.17100	17.01200	-15.01000	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1741/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.810	200.760	149.29000	-.05216	-.01823	-.03303	-.01565	-15.16400	17.01600	-14.99800	15.01500
199.970	100.950	149.48000	-.05807	-.02054	-.03982	-.01988	-15.17300	17.02700	-15.00800	15.02400
200.440	.726	150.33000	-.06742	-.02455	-.05150	-.02748	-15.18900	17.05800	-15.00200	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT174) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1742/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.258	.271	21.29000	-.07774	-.02366	-.04745	-.01622	-15.19300	15.06100	-15.00400	15.02000
-.234	99.958	21.06700	-.07275	-.02291	-.04203	-.01485	-15.18800	15.05400	-14.99600	15.00700
-.454	200.140	20.79900	-.06696	-.02268	-.03821	-.01319	-15.18400	15.04500	-15.01200	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT174) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1743/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.610	200.060	20.18800	-.05373	-.01985	-.02053	-.00696	-15.16900	15.02000	-14.99500	15.01000
49.942	100.140	20.21400	-.05696	-.02076	-.02141	-.00826	-15.17300	15.02300	-15.00500	15.02600
49.804	.063	20.23800	-.06151	-.02067	-.02446	-.01014	-15.17600	15.02700	-15.01000	15.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1744/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.687	.142	19.82000	-.04796	-.01743	-.01346	-.00676	-15.16000	15.01100	-14.99100	15.01600
99.396	99.718	19.62500	-.04348	-.01724	-.01010	-.00479	-15.15700	15.00400	-15.01100	14.98300
99.731	200.060	19.44600	-.03908	-.01737	-.01300	-.00368	-15.15400	15.00000	-15.00900	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1745/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.800	200.200	19.11000	-.02856	-.01081	-.00799	-.00319	-15.13200	14.99100	-14.98400	15.01400
199.960	100.070	19.33200	-.03035	-.01122	-.01096	-.00701	-15.13400	15.00200	-15.00400	15.01800
200.170	-.011	20.22900	-.03500	-.01325	-.01937	-.01224	-15.14200	15.02800	-15.00300	15.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT175) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1746/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
374	280	48.83400	-.07655	-.02154	-.04923	-.01539	-15.18700	15.01000	-15.00000	15.02000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.197	200.050	48.67300	-.06715	-.02234	-.03993	-.01395	-15.18300	15.00200	-15.00700	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT175) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1747/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.526	200.170	48.20400	-.05620	-.02083	-.02403	-.01027	-15.17300	14.98400	-15.00000	15.01600
49.836	100.140	47.95100	-.05953	-.02023	-.02642	-.01118	-15.17400	14.98200	-15.00500	15.03100
49.819	.023	49.90700	-.06402	-.01966	-.03098	-.01292	-15.17500	15.02100	-15.01200	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1748/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.739	-.159	49.39100	-.05170	-.01793	-.02275	-.01105	-15.16300	15.00600	-14.99200	15.00900
99.644	100.110	49.57300	-.05206	-.01804	-.01638	-.00919	-15.16400	15.00500	-15.00800	15.01100
99.755	200.110	50.73100	-.04875	-.01929	-.01703	-.00787	-15.16500	15.02800	-15.00900	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1749/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.620	200.010	50.67000	-.03490	-.01405	-.01250	-.00760	-15.14300	15.02600	-14.99000	15.01300
199.980	100.120	50.83400	-.03750	-.01451	-.01773	-.01059	-15.14600	15.03400	-15.00300	15.02200
200.160	.010	51.34500	-.04343	-.01640	-.02695	-.01518	-15.15400	15.05300	-14.99900	15.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT176) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1750/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.132	.296	102.12000	-.08878	-.02353	-.06842	-.02169	-15.19900	15.09000	-15.00700	15.01500
-.754	100.090	101.30000	-.07624	-.02135	-.05687	-.01720	-15.18600	15.06400	-15.01400	15.01700
-.272	200.160	101.08000	-.07099	-.02090	-.05131	-.01605	-15.18200	15.05700	-15.00600	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT176) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 15.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1751/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.566	200.180	100.36000	-.06199	-.01905	-.03551	-.01231	-15.17200	15.03400	-15.00500	15.02200
49.997	100.120	100.68000	-.06898	-.01964	-.04067	-.01401	-15.17800	15.04400	-15.00600	15.01700
49.999	.178	101.24000	-.07801	-.02116	-.04827	-.01853	-15.18700	15.06300	-15.01500	15.02400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1752/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.787	.041	100.82000	-.06824	-.01911	-.03791	-.01613	-15.17600	15.04900	-15.00200	15.01500
99.600	100.160	100.19000	-.06365	-.01791	-.03168	-.01236	-15.17100	15.03000	-15.01300	15.01600
99.748	200.100	100.25000	-.06153	-.01904	-.02849	-.01099	-15.17200	15.02900	-15.01300	15.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1753/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.370	200.050	99.92200	-.04514	-.01605	-.02101	-.01107	-15.15500	15.02000	-14.99700	15.01500
200.100	100.070	100.34000	-.05107	-.01730	-.02551	-.01359	-15.16100	15.03300	-15.00500	15.01900
200.280	.081	100.75000	-.05863	-.02061	-.03489	-.01879	-15.17400	15.05000	-15.00400	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT177) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1754/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	-.02259	-.04297	-.01274	-15.19000	13.03900	-15.00600	15.02200
-.191	96.040	1.03430	-.07197	-.02308	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.214	196.080	.43197	-.06565	-.02306	-.03451	-.01149	-15.18400	13.03000	-15.00600	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT177) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = .000 JET PC = .000
MACH = 4.500

RUN NO. 1755/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.574	196.130	-.52121	-.05107	-.01986	-.01521	-.00602	-15.16800	12.99900	-14.99800	15.01300
49.822	96.208	-.45658	-.05539	-.01982	-.01621	-.00639	-15.17000	13.00100	-15.00800	15.03300
49.881	-3.989	-.17493	-.06245	-.01943	-.01998	-.00806	-15.17400	13.01000	-15.01100	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1756/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.557	-3.873	-.48857	-.04918	-.01607	-.00880	-.00485	-15.15700	12.99600	-14.99600	15.01600
99.617	96.051	-.55885	-.04512	-.01603	-.00797	-.00305	-15.15500	12.99300	-15.01100	15.01000
99.759	196.270	-.48592	-.04062	-.01640	-.00805	-.00273	-15.15300	12.99300	-15.00800	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1757/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.660	196.150	-.79665	-.02734	-.01062	-.00314	-.00148	-15.13100	12.98500	-14.98400	15.01200
200.060	96.051	-.52797	-.02997	-.01102	-.00814	-.00474	-15.13300	12.99500	-14.99700	15.02600
200.240	-3.926	-.03767	-.03526	-.01254	-.01579	-.00964	-15.14000	13.01400	-15.00000	15.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT178) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1758/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.079	-3.803	50.32500	-.07990	-.02045	-.04879	-.01350	-15.18700	13.03700	-15.00300	15.01800
-.398	96.237	50.22000	-.07416	-.02064	-.04465	-.01232	-15.18400	13.03300	-15.01100	15.01800
.130	196.150	49.91800	-.06887	-.02063	-.04000	-.01238	-15.18000	13.02600	-15.00100	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT178) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 50.000 JET PC = .000
MACH = 4.500

RUN NO. 1759/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.632	196.160	49.17500	-.06067	-.01965	-.02725	-.00979	-15.17300	13.00500	-14.99900	15.01500
49.649	96.008	49.48400	-.06332	-.01842	-.02849	-.01000	-15.17200	13.01100	-15.01300	15.02500
49.716	-3.868	49.89300	-.06710	-.01773	-.03243	-.01097	-15.17200	13.02200	-15.01500	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1760/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.916	-3.941	49.37700	-.06404	-.01676	-.02466	-.00992	-15.16800	13.00800	-14.99700	15.01600
99.543	96.075	48.89500	-.05562	-.01570	-.02085	-.00827	-15.16000	12.99600	-15.00800	15.00500
99.943	195.990	49.10500	-.05445	-.01725	-.01984	-.00757	-15.16300	12.99900	-15.00800	15.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1761/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.490	195.980	48.67400	-.03926	-.01481	-.01157	-.00724	-15.14800	12.98800	-14.99400	15.01300
199.990	96.129	49.09300	-.04245	-.01482	-.01544	-.00938	-15.15000	13.00000	-15.00200	15.01900
200.020	-3.968	49.43700	-.05017	-.01632	-.02385	-.01283	-15.15800	13.01400	-15.01300	15.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT179) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1762/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.101	-3.760	101.57000	-.08901	-.02282	-.06440	-.01892	-15.19800	13.07300	-15.01200	15.01900
-.529	96.061	100.90000	-.07902	-.02101	-.05543	-.01478	-15.18700	13.05200	-15.01200	15.01400
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET, SRB JETS OFF (LVT179) (26 APR 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -15.000 BETA = 15.000
ALPHAB = -15.000 BETAB = 13.000
Y = 100.000 JET PC = .000
MACH = 4.500

RUN NO. 1763/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.114	196.250	100.55000	-.07153	-.02093	-.04081	-.01103	-15.18300	13.03600	-14.99900	15.02500
49.835	96.134	100.72000	-.07729	-.02119	-.04514	-.01196	-15.18700	13.04200	-15.01100	15.02300
50.159	-3.740	101.06000	-.08561	-.02144	-.05264	-.01538	-15.19300	13.05500	-15.00400	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1764/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.576	-4.041	100.71000	-.07468	-.01920	-.04007	-.01418	-15.18000	13.04400	-15.00500	15.01400
99.430	96.320	100.19000	-.06632	-.01733	-.03286	-.00979	-15.17100	13.02500	-15.02700	15.02900
99.604	196.150	99.98100	-.06106	-.01703	-.02826	-.00842	-15.16700	13.01800	-15.01200	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1765/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.600	196.030	99.90900	-.05035	-.01523	-.02072	-.00948	-15.15600	13.01700	-15.00000	15.01300
200.010	95.996	99.98000	-.05613	-.01592	-.02470	-.01146	-15.16100	13.02200	-15.00600	15.01100
200.260	-3.875	100.51000	-.06574	-.01869	-.03307	-.01642	-15.17400	13.04100	-15.00400	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT501) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 375/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.218	400.150	.01570	-.83901	-.00100	-.12879	.00548	-.28748	-.00108	-.04015	-.93472	.32000
-1.419	300.080	.01588	-.83966	.00161	-.12530	.00761	-.28563	-.00107	-.04018	-.92898	.32682
1.391	250.100	.01682	-.83910	.00154	-.12642	.00722	-.28615	-.00043	-.03955	-.92316	.32728
-.407	200.070	.01412	-.83973	.00239	-.12527	.00614	-.28652	.00041	-.03862	-.92692	.32515
-1.084	175.060	.01360	-.83987	.00207	-.12553	.00502	-.28752	-.00039	-.03941	-.92786	.32153
-.627	150.050	.01099	-.84042	.00185	-.12544	.00377	-.28807	-.00093	-.03986	-.92776	.32140
-1.006	124.950	.00853	-.84124	.00158	-.12547	.00159	-.28971	-.00149	-.04035	-.92792	.33033
-2.613	100.070	.00413	-.84362	.00154	-.12521	-.00171	-.29232	-.00435	-.04311	-.92849	.33463
1.301	75.004	-.00223	-.84673	.00082	-.12545	-.00371	-.29322	-.00713	-.04575	-.93141	.34249
-2.335	49.971	-.01139	-.85300	.00014	-.12571	-.00818	-.29672	-.01033	-.04883	-.93613	.35340
.262	24.949	-.01473	-.85358	.00087	-.12456	-.00912	-.29672	-.00956	-.04793	-.93409	.34954
-.360	-.039	-.01766	-.85508	.00128	-.12394	-.00893	-.29605	-.00885	-.04716	-.93246	.34983
1.822	-50.065	-.00988	-.84302	.00191	-.12268	-.00492	-.29059	-.00442	-.04254	-.92291	.33710
1.106	-100.150	-.00598	-.83786	.00313	-.12127	-.00407	-.28932	-.00221	-.04028	-.91562	.32492
2.523	-200.160	-.01180	-.84044	.00217	-.12174	-.01524	-.29939	-.00264	-.04056	-.91898	.33846
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 377/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.919	400.090	-.02445	-.84027	.00119	-.12082	-.00438	-.28420	-.00005	-.03741	-.91735	.31888
50.856	300.020	-.02384	-.84152	.00239	-.11990	-.00387	-.28432	-.00005	-.03750	-.91438	.31863
50.458	249.960	-.02454	-.84168	.00226	-.11996	-.00429	-.28456	-.00064	-.03806	-.91524	.31890
48.827	200.000	-.02491	-.84285	.00206	-.12027	-.00565	-.28619	-.00101	-.03846	-.91653	.31949
49.256	174.980	-.02451	-.84287	.00189	-.12051	-.00612	-.28680	-.00100	-.03848	-.91733	.31845
50.660	149.950	-.02361	-.84313	.00179	-.12078	-.00641	-.28749	-.00098	-.03851	-.91816	.31576
50.100	124.920	-.02335	-.84351	.00174	-.12092	-.00701	-.28831	-.00134	-.03890	-.91853	.31897
49.983	99.970	-.02292	-.84332	.00184	-.12085	-.00772	-.28909	-.00191	-.03947	-.91886	.32953
49.482	74.903	-.02328	-.84407	.00181	-.12094	-.00806	-.28956	-.00264	-.04022	-.91975	.32868
49.943	49.861	-.02297	-.84608	.00192	-.12118	-.00822	-.29051	-.00319	-.04087	-.92032	.33391
49.335	25.033	-.02524	-.84923	.00159	-.12164	-.00966	-.29224	-.00524	-.04297	-.92361	.33432
48.868	-.036	-.02701	-.85163	.00169	-.12164	-.01019	-.29299	-.00572	-.04347	-.92573	.33976
50.881	-50.095	-.02068	-.64475	.00263	-.12061	-.00626	-.28886	-.00230	-.04002	-.92060	.32812
49.098	-100.120	-.01074	-.83963	.00444	-.11952	-.00519	-.28943	-.00169	-.03963	-.91323	.33016
[illegible]	-200.100	-.01058	-.84086	.00020	-.12396	-.00974	-.29444	-.00175	-.03975	-.92539	.33286
	GRADIENT	.00000	.00000	.00000	.00000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT502) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 376/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.448	-100.050	-.01567	-.83816	.00293	-.12008	-.00776	-.28984	-.00288	-.04054	-.91326	.32944
.066	-50.039	-.02412	-.84347	.00221	-.12033	-.01100	-.29202	-.00526	-.04278	-.91718	.34359
.449	.089	-.03773	-.85492	.00079	-.12143	-.01694	-.29723	-.00980	-.04723	-.92658	.35266
-.882	25.087	-.03591	-.85252	.00057	-.12156	-.01775	-.29785	-.01006	-.04746	-.92538	.34881
.517	49.951	-.03222	-.84983	.00066	-.12162	-.01610	-.29655	-.00892	-.04637	-.92282	.35431
2.177	74.943	-.02706	-.84262	.00103	-.12095	-.01223	-.29197	-.00500	-.04236	-.91818	.33425
.323	100.060	-.02504	-.84070	.00119	-.12080	-.01143	-.29121	-.00365	-.04101	-.91643	.33002
-1.849	124.380	-.02443	-.83835	.00121	-.12052	-.00938	-.28856	-.00163	-.03891	-.91533	.32284
-.704	149.950	-.02330	-.83807	.00143	-.12043	-.00817	-.28764	-.00092	-.03823	-.91453	.33003
1.143	174.980	-.02283	-.83905	.00176	-.12032	-.00722	-.28719	-.00070	-.03809	-.91385	.32397
-.780	199.880	-.02352	-.83877	.00175	-.12018	-.00696	-.28660	-.00054	-.03788	-.91354	.31979
.720	250.020	-.02295	-.83823	.00205	-.11989	-.00587	-.28551	-.00055	-.03789	-.91270	.31907
-1.912	300.130	-.02298	-.83870	.00226	-.11974	-.00493	-.28473	-.00083	-.03819	-.91261	.31764
.541	400.050	-.02183	-.83763	.00054	-.12147	-.00685	-.28667	-.00082	-.03818	-.91623	.32074
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 378/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.091	-100.110	-.00648	-.84131	.00460	-.12024	-.00279	-.28904	-.00080	-.03900	-.91566	.32477
48.596	-50.071	-.01327	-.84701	.00317	-.12150	-.00241	-.28828	-.00086	-.03901	-.92301	.32452
49.874	-.126	-.01925	-.85271	.00210	-.12253	-.00642	-.29220	-.00430	-.04244	-.92949	.33352
50.155	24.863	-.01702	-.85139	.00137	-.12339	-.00557	-.29166	-.00426	-.04244	-.92995	.33770
50.841	49.896	-.01352	-.84797	.00177	-.12301	-.00364	-.28975	-.00259	-.04077	-.92709	.33190
49.273	74.920	-.01319	-.84664	.00124	-.12339	-.00356	-.28933	-.00176	-.03990	-.92763	.32779
49.052	99.928	-.01248	-.84726	.00163	-.12319	-.00295	-.28917	-.00113	-.03932	-.92651	.32738
51.646	124.970	-.01235	-.84544	.00141	-.12317	-.00182	-.28747	-.00043	-.03855	-.92701	.32470
48.166	149.970	-.01263	-.84651	.00136	-.12333	-.00077	-.28669	-.00061	-.03877	-.92704	.32592
48.858	174.980	-.01390	-.84715	.00175	-.12285	-.00014	-.28585	-.00013	-.03826	-.92625	.31736
50.191	199.870	-.01392	-.84694	.00182	-.12277	.00014	-.28552	.00014	-.03799	-.92592	.32132
50.136	250.010	-.01342	-.84613	.00212	-.12240	.00138	-.28415	.00031	-.03780	-.92493	.31829
48.468	300.170	-.01277	-.84604	.00262	-.12199	.00227	-.28345	.00112	-.03701	-.92344	.31551
49.511	400.090	-.01387	-.84702	.00076	-.12383	.00122	-.28446	.00128	-.03684	-.92819	.31571
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT503) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	.000	BETAB	=	.000
Y	=	.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 385/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.170	400.230	-.02720	-.88267	.00041	-.12749	-.00822	-.30143	-.00021	-.03931	-.96087	.30467
.464	300.150	-.02752	-.88499	.00224	-.12595	-.00707	-.30095	-.00079	-.03998	-.95699	.30712
-1.095	250.040	-.02740	-.88544	.00200	-.12628	-.00804	-.30212	-.00072	-.03994	-.95807	.30462
-.915	200.100	-.02715	-.88481	.00174	-.12648	-.00842	-.30237	-.00056	-.03976	-.95928	.30477
.238	175.090	-.02793	-.88563	.00149	-.12674	-.00954	-.30350	-.00085	-.04005	-.96043	.30802
.278	150.140	-.02864	-.88694	.00135	-.12697	-.01020	-.30437	-.00126	-.04048	-.96136	.30640
-1.103	125.130	-.02965	-.88852	.00127	-.12713	-.01169	-.30605	-.00230	-.04155	-.96207	.30860
-1.753	100.180	-.03093	-.88990	.00127	-.12715	-.01345	-.30784	-.00374	-.04300	-.96316	.31880
-.090	75.073	-.03289	-.89230	.00126	-.12722	-.01525	-.30979	-.00542	-.04469	-.96504	.32486
.800	50.041	-.03479	-.89396	.00124	-.12721	-.01664	-.31110	-.00648	-.04575	-.96625	.32710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 388/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.896	400.220	-.02978	-.89070	.00195	-.12676	-.00584	-.30089	.00035	-.03899	-.96282	.30131
49.062	300.260	-.02871	-.89025	.00277	-.12603	-.00553	-.30079	.00005	-.03932	-.96050	.30200
51.377	250.190	-.02972	-.89056	.00264	-.12606	-.00646	-.30149	-.00047	-.03981	-.96098	.30553
50.853	200.050	-.02991	-.89137	.00264	-.12615	-.00772	-.30296	-.00065	-.04001	-.96148	.30711
49.903	175.050	-.03082	-.89078	.00240	-.12616	-.00870	-.30342	-.00086	-.04016	-.96223	.30663
48.934	150.050	-.03065	-.89183	.00233	-.12642	-.00964	-.30478	-.00096	-.04031	-.96242	.30764
50.516	125.110	-.03044	-.89078	.00267	-.12596	-.01028	-.30514	-.00115	-.04047	-.96171	.31039
49.765	100.150	-.03029	-.89334	.00291	-.12611	-.01094	-.30672	-.00177	-.04121	-.96194	.31285
49.662	75.149	-.03114	-.89314	.00292	-.12595	-.01122	-.30664	-.00225	-.04164	-.96206	.31421
49.671	49.979	-.03266	-.89374	.00295	-.12578	-.01256	-.30766	-.00331	-.04265	-.96332	.31818
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT504) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 386/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.494	25.202	-.04000	-.90108	.00138	-.12736	-.01859	-.31369	-.00842	-.04777	-.97061	.33755
.651	.064	-.03532	-.89583	.00208	-.12657	-.01702	-.31193	-.00601	-.04533	-.96584	.32926
1.371	-50.032	-.03023	-.89116	.00243	-.12628	-.01262	-.30768	-.00317	-.04251	-.96226	.31754
.147	-100.100	-.02585	-.88691	.00384	-.12489	-.01063	-.30573	-.00144	-.04079	-.95684	.31008
1.504	-200.010	-.02803	-.89011	.00166	-.12722	-.01994	-.31539	-.00184	-.04123	-.96348	.31981
-2.227	-100.020	-.02664	-.88868	.00352	-.12535	-.01089	-.30632	-.00150	-.04089	-.95778	.31194
-2.350	-49.979	-.02995	-.89239	.00241	-.12652	-.01232	-.30788	-.00318	-.04259	-.96342	.31785
.381	.167	-.03559	-.89802	.00219	-.12674	-.01712	-.31268	-.00617	-.04558	-.96765	.33278
-.558	25.225	-.03955	-.90190	.00131	-.12761	-.01827	-.31380	-.00812	-.04753	-.97220	.33555
-.194	50.153	-.03503	-.89787	.00128	-.12772	-.01660	-.31230	-.00643	-.04586	-.96996	.32833
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 380/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.433	25.287	-.03730	-.86793	.C0441	-.11981	-.01406	-.29889	-.01027	-.04829	-.92966	.34154
-.376	.178	-.03749	-.86293	.00456	-.11888	-.01363	-.29671	-.01022	-.04800	-.92487	.33775
-.639	-50.057	-.03601	-.85602	.00458	-.11806	-.01286	-.29411	-.00931	-.04686	-.91874	.33445
-.388	-100.010	-.03231	-.84944	.00424	-.11797	-.01208	-.29236	-.00805	-.04547	-.91318	.32724
-.755	-199.990	-.02386	-.83204	.00582	-.11506	-.02315	-.30041	-.01182	-.04886	-.89558	.34236
-.186	-99.891	-.03209	-.83133	.00467	-.11488	-.01257	-.28680	-.00872	-.04536	-.89523	.32305
-.426	-50.065	-.03613	-.83145	.00482	-.11415	-.01319	-.28610	-.00966	-.04612	-.89348	.33108
-.202	.085	-.03745	-.82982	.00444	-.11409	-.01415	-.28607	-.01073	-.04707	-.89210	.33345
-.838	25.112	-.03500	-.82385	.00429	-.11372	-.01405	-.28478	-.00968	-.04586	-.88745	.32434
1.426	50.095	-.03085	-.81537	.00305	-.11432	-.00905	-.27832	-.00478	-.04077	-.88474	.30473
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT505) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 387/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT.	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.052	75.199	-.03169	-.88983	.00139	-.12691	-.01410	-.30821	-.00445	-.04367	-.96318	.32440
-.466	100.220	-.03058	-.88976	.00128	-.12717	-.01345	-.30792	-.00379	-.04305	-.96293	.31892
-.915	124.970	-.02923	-.88798	.00133	-.12706	-.01176	-.30608	-.00239	-.04164	-.96220	.31403
2.420	150.060	-.02832	-.88806	.00146	-.12708	-.01039	-.30505	-.00122	-.04052	-.96167	.31002
-1.443	175.100	-.02802	-.88724	.00159	-.12687	-.00958	-.30406	-.00078	-.04004	-.96109	.30819
1.686	200.080	-.02784	-.88711	.00170	-.12677	-.00880	-.30330	-.00052	-.03979	-.96099	.30703
-2.268	250.010	-.02785	-.88718	.00199	-.12648	-.00801	-.30253	-.00065	-.03992	-.96010	.30670
-.601	300.220	-.02726	-.88632	.00234	-.12609	-.00706	-.30148	-.00075	-.04001	-.95926	.30638
-.299	400.090	-.02794	-.88747	.00031	-.12819	-.00823	-.30281	-.00017	-.03945	-.96453	.30569
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 390/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.227	75.125	-.03135	-.88499	.00279	-.12484	-.01169	-.30428	-.00250	-.04152	-.95571	.31265
50.908	100.100	-.03080	-.88713	.00270	-.12533	-.01088	-.30438	-.00189	-.04103	-.95720	.31101
48.683	125.090	-.03041	-.88783	.00245	-.12574	-.01001	-.30388	-.00132	-.04051	-.95844	.30919
50.424	150.150	-.03016	-.88828	.00238	-.12591	-.00917	-.30328	-.00099	-.04021	-.95895	.30785
48.416	175.100	-.03011	-.88831	.00241	-.12590	-.00847	-.30260	-.00088	-.04011	-.95893	.30706
49.884	200.050	-.03029	-.88716	.00245	-.12566	-.00770	-.30138	-.00070	-.03986	-.95872	.30592
50.326	250.040	-.03009	-.88785	.00256	-.12568	-.00662	-.30061	-.00061	-.03981	-.95833	.30487
48.791	300.110	-.02879	-.88671	.00269	-.12557	-.00594	-.29998	.00003	-.03919	-.95779	.30289
48.482	400.230	-.02961	-.88765	.00172	-.12656	-.00605	-.30012	.00042	-.03880	-.96084	.30200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT506) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 413/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.268	400.180	-.02721	-.86530	.00152	-.12380	-.00775	-.29510	-.00077	-.03911	-4.93860	.32134
-1.390	300.130	-.03180	-.86793	.00181	-.12322	-.00786	-.29454	-.00199	-.04024	-4.93920	.32409
-.013	250.160	-.03170	-.86750	.00181	-.12317	-.00783	-.29440	-.00198	-.04022	-4.93920	.32409
-.268	200.070	-.03355	-.86961	.00156	-.12346	-.00842	-.29509	-.00229	-.04054	-4.94020	.32505
.270	175.200	-.03603	-.86390	.00118	-.12262	-.00933	-.29323	-.00262	-.04052	-4.93460	.32354
.108	150.050	-.03524	-.85450	.00137	-.12116	-.00896	-.28995	-.00279	-.04031	-4.92570	.32069
-.620	125.070	-.03695	-.86019	.00095	-.12217	-.00915	-.29148	-.00353	-.04122	-4.93150	.32424
-2.630	100.130	-.03907	-.86242	.00043	-.12270	-.00976	-.29212	-.00410	-.04180	-4.93530	.32833
-.264	75.207	-.04095	-.86608	.00033	-.12307	-.01075	-.29372	-.00527	-.04304	-4.93720	.33235
-1.071	50.006	-.04545	-.86822	-.00042	-.12347	-.01228	-.29446	-.00656	-.04423	-4.93970	.33615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 416/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.041	400.260	-.02969	-.89194	.00201	-.12689	-.00602	-.30152	-.00031	-.03971	-4.96400	.30874
50.604	300.110	-.03211	-.88661	.00196	-.12580	-.00664	-.29953	-.00084	-.03991	-4.95730	.31400
49.859	250.120	-.03273	-.88573	.00156	-.12597	-.00694	-.29931	-.00133	-.04033	-4.95760	.31185
50.269	200.040	-.03430	-.88720	.00152	-.12600	-.00731	-.29966	-.00148	-.04047	-4.95880	.31422
49.732	175.080	-.03406	-.88852	.00173	-.12602	-.00754	-.30041	-.00154	-.04060	-4.95880	.31479
50.094	150.070	-.03490	-.88909	.00176	-.12595	-.00792	-.30070	-.00179	-.04084	-4.95970	.32081
50.783	125.010	-.03606	-.89084	.00188	-.12592	-.00839	-.30136	-.00225	-.04133	-4.96090	.31779
48.495	100.110	-.03681	-.89123	.00189	-.12585	-.00850	-.30135	-.00263	-.04169	-4.96180	.31908
46.126	75.169	-.04072	-.89639	.00172	-.12621	-.00915	-.30243	-.00365	-.04276	-4.96490	.31906
52.327	50.090	-.04562	-.90330	.00140	-.12683	-.00915	-.30311	-.00357	-.04277	-4.97010	.32103
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT507) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	.000
Y =	.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 440/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.630	400.120	-.02737	-.88464	.00165	-.12652	-.00736	-.30119	-.00067	-.03985	-4.95740	.32640
.118	300.060	-.03090	-.88895	.00207	-.12621	-.00683	-.30092	-.00198	-.04120	-4.95910	.32969
.035	249.990	-.03231	-.88943	.00171	-.12644	-.00727	-.30104	-.00217	-.04135	-4.96090	.33055
-1.449	199.950	-.03320	-.89151	.00168	-.12664	-.00810	-.30227	-.00226	-.04149	-4.96200	.33325
-.610	175.060	-.03492	-.89244	.00146	-.12675	-.00850	-.30241	-.00262	-.04181	-4.96330	.33438
.675	150.070	-.03602	-.89424	.00131	-.12700	-.00897	-.30311	-.00291	-.04214	-4.96460	.33233
-1.340	124.930	-.03757	-.89501	.00107	-.12712	-.00921	-.30309	-.00345	-.04264	-4.96580	.33547
-.804	100.020	-.03897	-.89766	.00086	-.12752	-.00946	-.30377	-.00388	-.04313	-4.96780	.33866
-1.747	74.934	-.04079	-.89873	.00088	-.12739	-.00942	-.30346	-.00508	-.04429	-4.96940	.34041
-.608	49.919	-.04405	-.90266	.00051	-.12786	-.00993	-.30421	-.00607	-.04532	-4.97220	.34500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 443/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.663	400.250	-.02864	-.89004	.00231	-.12647	-.00458	-.29980	-.00025	-.03961	-4.96180	.33174
49.474	300.110	-.03173	-.89017	.00190	-.12644	-.00629	-.30051	-.00073	-.03997	-4.96110	.33132
50.822	249.960	-.03341	-.88708	.00150	-.12613	-.00667	-.29927	-.00114	-.04017	-4.95840	.32925
51.456	199.980	-.03317	-.88304	.00159	-.12548	-.00652	-.29784	-.00133	-.04019	-4.95430	.33147
48.084	174.920	-.03368	-.87978	.00172	-.12479	-.00664	-.29669	-.00142	-.04011	-4.94990	.32849
51.865	149.900	-.03461	-.87616	.00180	-.12403	-.00683	-.29534	-.00156	-.04006	-4.94600	.33065
46.942	125.010	-.03587	-.87328	.00189	-.12333	-.00724	-.29435	-.00204	-.04035	-4.94260	.33237
51.743	99.975	-.03723	-.86989	.00188	-.12263	-.00738	-.29289	-.00248	-.04058	-4.93940	.32390
47.196	75.042	-.03971	-.86913	.00168	-.12235	-.00803	-.29244	-.00300	-.04097	-4.93760	.32933
48.325	50.044	-.04224	-.86795	.00191	-.12157	-.00802	-.29118	-.00330	-.04110	-4.93560	.32888
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT508) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 414/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.412	25.223	-.04563	-.86196	.00005	-.12204	-.01064	-.29064	-.00655	-.04394	-4.93250	.33416
.812	.073	-.04150	-.85510	.00149	-.12019	-.00699	-.28607	-.00503	-.04230	-4.92320	.32121
1.925	-50.035	-.03609	-.86325	.00275	-.12095	-.00263	-.28630	-.00290	-.04076	-4.93070	.31755
1.788	-100.110	-.03201	-.86494	.00279	-.12177	-.00556	-.29117	-.00296	-.04108	-4.93400	.32544
-.067	-150.150	-.03335	-.85017	.00254	-.11962	-.00631	-.28648	-.00366	-.04106	-4.91940	.32175
-1.174	-100.020	-.03089	-.85122	.00300	-.11969	-.00479	-.28614	-.00308	-.04064	-4.91960	.32177
1.203	-49.799	-.03505	-.87898	.00274	-.12345	-.00259	-.29191	-.00264	-.04124	-4.94630	.32464
-1.626	.091	-.04086	-.89811	.00172	-.12644	-.00653	-.30034	-.00420	-.04338	-4.96610	.33207
-1.223	25.137	-.04280	-.90110	.00129	-.12703	-.00840	-.30257	-.00510	-.04433	-4.96890	.33777
-1.656	50.082	-.04524	-.89888	-.00008	-.12771	-.01175	-.30435	-.00625	-.04527	-4.96940	.33677
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 417/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.734	25.042	-.04844	-.93095	.00075	-.13117	-.00748	-.30982	-.00225	-.04254	-4.99840	.32744
46.121	-.016	-.04411	-.92648	.00114	-.13075	-.00777	-.31006	-.00131	-.04160	-4.99500	.32690
50.784	-49.904	-.03272	-.91604	.00411	-.12792	-.00755	-.31016	-.00074	-.04106	-4.98170	.32226
51.197	-100.110	-.03218	-.91640	.00489	-.12728	-.00791	-.31083	-.00210	-.04246	-4.98010	.32638
52.409	-150.050	-.03260	-.91739	.00496	-.12729	-.00884	-.31195	-.00331	-.04370	-4.98020	.33524
46.214	-100.030	-.03272	-.91898	.00477	-.12769	-.00797	-.31158	-.00220	-.04265	-4.98270	.32910
50.350	-49.890	-.03270	-.91877	.00410	-.12834	-.00757	-.31111	-.00071	-.04116	-4.98490	.32998
52.947	.065	-.04536	-.93317	.00085	-.13185	-.00778	-.31191	-.00099	-.04152	-5.00150	.32633
50.008	25.027	-.04779	-.91420	.00085	-.12868	-.00759	-.30449	-.00226	-.04184	-4.98280	.32351
48.372	50.058	-.04710	-.92183	.00105	-.12971	-.00961	-.30932	-.00341	-.04336	-4.98950	.33425
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT509) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 441/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.370	25.028	-.04144	-.90157	.00157	-.12702	-.00714	-.30193	-.00464	-.04395	-4.96900	.34110
.253	-.013	-.04075	-.90003	.00164	-.12683	-.00555	-.30005	-.00391	-.04318	-4.96820	.33626
1.442	-50.062	-.03542	-.89505	.00242	-.12610	-.00305	-.29768	-.00243	-.04172	-4.96290	.33531
1.623	-100.160	-.03042	-.89016	.00280	-.12573	-.00515	-.29981	-.00263	-.04192	-4.95910	.33423
.595	-150.230	-.03184	-.89167	.00264	-.12590	-.00599	-.30068	-.00315	-.04244	-4.96050	.33628
-.986	-100.100	-.03089	-.89110	.00270	-.12590	-.00539	-.30021	-.00272	-.04203	-4.95990	.33474
.426	-50.110	-.03560	-.89568	.00251	-.12608	-.00318	-.29795	-.00241	-.04171	-4.96370	.33240
-.149	-.077	-.04133	-.90133	.00157	-.12700	-.00550	-.30025	-.00394	-.04324	-4.96950	.33823
-.948	25.022	-.04157	-.90197	.00149	-.12714	-.00712	-.30199	-.00472	-.04404	-4.97020	.34493
-1.551	49.897	-.04472	-.90423	.00031	-.12819	-.01025	-.30483	-.00602	-.04530	-4.97460	.34899
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 444/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
52.277	25.162	-.04859	-.90045	.00091	-.12645	-.00780	-.29979	-.00224	-.04118	-4.96720	.33553
51.723	-.133	-.04523	-.89439	.00109	-.12587	-.00653	-.29761	-.00148	-.04031	-4.96220	.32834
45.686	-50.171	-.03231	-.87896	.00423	-.12236	-.00607	-.29631	-.00074	-.03945	-4.94340	.33132
48.430	-100.230	-.03086	-.87185	.00516	-.12059	-.00645	-.29478	-.00219	-.04066	-4.93480	.33338
49.743	-150.100	-.03157	-.86938	.00581	-.11947	-.00726	-.29451	-.00336	-.04169	-4.93080	.32456
48.525	-100.140	-.03061	-.86616	.00522	-.11972	-.00646	-.29295	-.00205	-.04028	-4.92900	.32930
46.382	-49.977	-.03245	-.89000	.00419	-.12402	-.00643	-.30034	-.00062	-.03981	-4.95440	.33213
54.264	.009	-.04474	-.91068	.00090	-.12855	-.00685	-.30360	-.00125	-.04081	-4.97970	.33786
51.929	25.105	-.04947	-.91181	.00044	-.12849	-.00790	-.30343	-.00185	-.04126	-4.97950	.34028
47.728	49.876	-.04593	-.90375	.00120	-.12705	-.00864	-.30265	-.00350	-.04270	-4.97110	.34026
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT510) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 415/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.008	75.270	-.03839	-.89130	.00103	-.12649	-.00939	-.30174	-.00469	-.04368	-4.96190	.32407
1.019	100.220	-.03867	-.90110	.00104	-.12789	-.00996	-.30552	-.00366	-.04307	-4.97220	.32400
-.467	125.000	-.03787	-.89915	.00112	-.12764	-.01005	-.30522	-.00337	-.04273	-4.96920	.33062
-.361	150.110	-.03614	-.89542	.00140	-.12706	-.00950	-.30400	-.00289	-.04216	-4.96590	.32668
1.426	175.060	-.03450	-.89240	.00152	-.12674	-.00928	-.30332	-.00252	-.04174	-4.96320	.32503
-1.965	199.940	-.03331	-.89005	.00171	-.12637	-.00854	-.30218	-.00235	-.04151	-4.96090	.31863
.295	250.030	-.03251	-.88738	.00184	-.12597	-.00789	-.30090	-.00228	-.04136	-4.95840	.31571
-.453	300.150	-.03036	-.89319	.00222	-.12677	-.00714	-.30283	-.00207	-.04150	-4.96450	.32266
.539	400.130	-.02681	-.88636	.00165	-.12685	-.00745	-.30203	-.00071	-.04000	-4.96000	.31295
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 418/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.073	75.258	-.04194	-.90686	.00158	-.12772	-.00956	-.30596	-.00365	-.04317	-4.97540	.32298
50.094	100.040	-.03854	-.90606	.00179	-.12790	-.00936	-.30664	-.00304	-.04267	-4.97490	.33347
50.306	125.010	-.03682	-.90494	.00189	-.12789	-.00876	-.30624	-.00235	-.04201	-4.97460	.32666
50.408	150.140	-.03601	-.90596	.00179	-.12826	-.00830	-.30640	-.00184	-.04158	-4.97510	.32687
49.204	175.040	-.03470	-.90430	.00173	-.12827	-.00803	-.30601	-.00170	-.04142	-4.97470	.32969
48.684	200.210	-.03439	-.89875	.00168	-.12754	-.00742	-.30363	-.00164	-.04114	-4.96900	.32692
49.471	250.080	-.03435	-.89989	.00131	-.12809	-.00730	-.30391	-.00139	-.04094	-4.97150	.32188
48.563	300.120	-.03175	-.89769	.00207	-.12738	-.00671	-.30346	-.00093	-.04049	-4.96880	.31887
49.867	400.210	-.02933	-.89631	.00233	-.12728	-.00503	-.30212	-.00040	-.04001	-4.96730	.31804
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT511) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 442/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.322	75.045	-.04005	-.90129	.00099	-.12777	-.00940	-.30456	-.00473	-.04408	-4.97160	.34380
.010	99.961	-.03865	-.89998	.00085	-.12792	-.00946	-.30466	-.00372	-.04308	-4.97070	.33941
.036	125.050	-.03740	-.89850	.00104	-.12769	-.00932	-.30443	-.00336	-.04271	-4.96920	.34316
-.706	149.950	-.03573	-.89757	.00144	-.12741	-.00905	-.30441	-.00278	-.04217	-4.96770	.34161
.424	175.070	-.03446	-.89661	.00156	-.12733	-.00862	-.30409	-.00247	-.04187	-4.96690	.34057
-1.559	199.870	-.03361	-.89460	.00156	-.12715	-.00841	-.30348	-.00224	-.04159	-4.96630	.33487
2.283	249.900	-.03238	-.89503	.00185	-.12711	-.00756	-.30321	-.00213	-.04155	-4.96490	.34050
-1.244	300.090	-.03141	-.89418	.00204	-.12695	-.00696	-.30264	-.00207	-.04150	-4.96420	.33839
-.231	400.040	-.02748	-.88900	.00170	-.12710	-.00720	-.30246	-.00066	-.04003	-4.96220	.33141
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 445/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.462	75.031	-.04059	-.89109	.00166	-.12550	-.00865	-.30019	-.00356	-.04245	-4.95910	.33591
47.116	100.080	-.03764	-.88700	.00187	-.12512	-.00806	-.29922	-.00278	-.04162	-4.95500	.33269
49.150	124.860	-.03609	-.88232	.00191	-.12462	-.00751	-.29760	-.00212	-.04081	-4.95230	.32991
50.740	150.050	-.03488	-.88035	.00174	-.12467	-.00728	-.29712	-.00176	-.04042	-4.95130	.32850
49.415	174.850	-.03393	-.88056	.00173	-.12486	-.00686	-.29708	-.00150	-.04022	-4.95120	.32932
49.874	200.090	-.03319	-.89534	.00168	-.12721	-.00639	-.30186	-.00138	-.04078	-4.96580	.33108
49.400	250.170	-.03338	-.90605	.00142	-.12903	-.00678	-.30580	-.00114	-.04100	-4.97770	.33335
49.553	300.080	-.03277	-.90382	.00190	-.12832	-.00667	-.30515	-.00087	-.04066	-4.97390	.33823
48.965	400.180	-.02945	-.89859	.00224	-.12769	-.00495	-.30278	-.00024	-.03994	-4.96970	.33149
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT512) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 459/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
75.337	400.210	-.03974	-.91788	.00112	-.1[illegible]6	-.00670	-.30763	-.00055	-.04068	-8.97460	.30445
73.446	300.110	-.04288	-.91492	.00034	-.13003	-.00947	-.30833	-.00060	-.04045	-8.97350	.30644
74.733	250.060	-.04222	-.90923	.00039	-.12923	-.00988	-.30705	-.00057	-.04021	-8.96670	.30428
73.305	200.070	-.04228	-.90713	.00030	-.12900	-.01121	-.30765	-.00030	-.03983	-8.96550	.30563
76.408	175.050	-.04237	-.90285	.00035	-.12831	-.01076	-.30573	-.00012	-.03947	-8.96080	.30304
74.261	150.040	-.04315	-.90336	.00026	-.12836	-.01129	-.30616	-.00025	-.03958	-8.96160	.30547
74.556	125.060	-.05255	-.91113	-.00115	-.12952	-.00874	-.30306	-.00001	-.03927	-8.97020	.29949
74.792	100.060	-.05502	-.91926	-.00031	-.12952	-.00671	-.30294	.00180	-.03770	-8.97600	.29559
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 456/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
97.741	400.150	-.04056	-.94660	.00059	-.13483	-.00617	-.31651	.00011	-.04124	-9.00490	.31483
99.854	300.140	-.04504	-.94500	-.00020	-.13471	-.00984	-.31813	-.00012	-.04120	-9.00290	.31731
99.595	249.960	-.04210	-.93130	-.00017	-.13309	-.00875	-.31341	-.00012	-.04072	-8.99070	.30926
98.839	199.940	-.04052	-.92713	-.00016	-.13270	-.00844	-.31223	.00030	-.04019	-8.98670	.30843
99.775	175.080	-.03968	-.91668	-.00011	-.13122	-.00850	-.30904	.00068	-.03939	-8.97710	.30406
99.763	149.980	-.04098	-.92084	-.00022	-.13175	-.00818	-.30969	.00034	-.03986	-8.97980	.30699
98.641	125.100	-.04463	-.91415	-.00108	-.13107	-.00700	-.30501	.00044	-.03930	-8.97540	.30089
99.907	100.050	-.04148	-.92240	.00040	-.13129	-.00292	-.30478	.00142	-.03882	-8.98040	.29925
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT513) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 469/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.470	400.030	-.04568	-.90096	.00067	-.12720	-.00640	-.29953	-.00048	-.03957	-8.97130	.33206
99.646	300.050	-.04705	-.90303	.00010	-.12788	-.00935	-.30273	-.00044	-.03956	-8.97330	.33412
100.220	250.050	-.04652	-.90276	.00001	-.12801	-.00977	-.30324	-.00033	-.03947	-8.97310	.33573
99.191	199.900	-.04480	-.90021	-.00007	-.12795	-.00942	-.30261	-.00005	-.03915	-8.97180	.33621
99.810	174.920	-.04442	-.89982	-.00003	-.12792	-.00890	-.30208	.00011	-.03899	-8.97170	.33547
99.298	149.900	-.04396	-.89911	.00009	-.12776	-.00840	-.30150	-.00010	-.03919	-8.97060	.33545
99.149	124.970	-.04629	-.90185	-.00061	-.12852	-.00636	-.29960	-.00005	-.03916	-8.97350	.33701
99.778	99.911	-.04301	-.89681	.00068	-.12697	-.00551	-.29815	-.00003	-.03905	-8.96810	.33452
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT514) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 457/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.716	74.990	-.05181	-.92774	.00041	-.13054	-.00338	-.30356	.00135	-.03867	-8.98230	.29978
99.591	50.036	-.05464	-.92163	.00056	-.12906	-.00542	-.30259	.00086	-.03877	-8.97430	.29900
99.821	25.103	-.05262	-.92259	.00059	-.12947	-.00679	-.30495	.00136	-.03840	-8.97680	.30016
100.160	-.078	-.05045	-.91765	.00109	-.12856	-.00613	-.30336	.00195	-.03769	-8.97100	.29690
99.176	24.970	-.05168	-.92064	.00049	-.12943	-.00682	-.30465	.00132	-.03840	-8.97570	.29672
99.648	50.017	-.05590	-.92789	.00034	-.13002	-.00626	-.30510	.00075	-.03909	-8.98230	.30245
99.487	75.059	-.05330	-.92384	.00017	-.12998	-.00386	-.30222	.00126	-.03852	-8.97830	.29654
100.600	100.050	-.04376	-.90827	.00004	-.12921	-.00280	-.29912	.00132	-.03820	-8.96700	.29349
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT515) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 470/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.070	74.919	-.05544	-.91076	.00023	-.12764	-.00353	-.29669	.00063	-.03846	-8.97700	.32808
99.124	49.979	-.05912	-.91310	.00066	-.12702	-.00685	-.29955	.00036	-.03868	-8.97780	.32951
99.921	24.902	-.05559	-.90989	.00079	-.12694	-.00766	-.30047	.00065	-.03840	-8.97560	.32944
100.380	-.166	-.05412	-.90775	.00089	-.12673	-.00742	-.30000	.00129	-.03773	-8.97420	.32909
99.216	24.880	-.05513	-.91051	.00080	-.12709	-.00781	-.30099	.00062	-.03848	-8.97570	.33143
99.870	49.926	-.05906	-.91463	.00058	-.12736	-.00674	-.30005	.00029	-.03882	-8.97950	.33348
100.000	74.875	-.05544	-.91089	.00026	-.12764	-.00365	-.29685	.00066	-.03844	-8.97780	.32677
99.812	99.878	-.04349	-.89788	.00052	-.12722	-.00501	-.29785	.00016	-.03889	-8.96890	.33370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT516) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 460/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
73.308	125.240	-.05762	-.92597	.00040	-.12942	-.01104	-.30866	-.00009	-.03978	-8.97800	.30299
75.895	150.060	-.04625	-.91999	.00004	-.13059	-.01162	-.31107	-.00054	-.04047	-8.97620	.30949
75.400	175.000	-.04498	-.91750	.00060	-.12984	-.01178	-.31082	-.00058	-.04045	-8.97310	.30605
74.790	200.120	-.04385	-.91747	.00059	-.13002	-.01163	-.31103	-.00063	-.04055	-8.97330	.31130
75.191	250.120	-.04451	-.91900	.00048	-.13026	-.01027	-.30997	-.00076	-.04072	-8.97550	.30959
75.235	300.150	-.04471	-.91940	.00050	-.13027	-.00978	-.30954	-.00087	-.04084	-8.97580	.30794
72.453	400.170	-.04183	-.91265	.00116	-.12904	-.00672	-.30518	-.00081	-.04061	-8.96880	.30086
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT516) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 458/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.712	125.100	-.04517	-.91408	-.00118	-.13109	-.00674	-.30454	.00041	-.03930	-8.97560	.30227
100.930	149.930	-.04233	-.91299	-.00010	-.13027	-.00878	-.30718	.00029	-.03950	-8.97140	.30413
99.350	175.020	-.04193	-.91152	.00003	-.12997	-.00920	-.30724	.00040	-.03934	-8.97110	.30590
100.390	199.960	-.04191	-.91136	-.00001	-.13000	-.00954	-.30753	.00025	-.03949	-8.97100	.30814
99.860	250.070	-.04417	-.91226	-.00027	-.13006	-.00969	-.30723	.00005	-.03963	-8.97130	.30484
99.347	300.070	-.04455	-.90766	-.00016	-.12921	-.00917	-.30503	-.00014	-.03960	-8.96680	.30326
99.735	400.080	-.04232	-.90115	.00049	-.12792	-.00583	-.30024	-.00003	-.03930	-8.95920	.29868
.	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT517) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 471/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.838	124.960	-.04725	-.90205	-.00093	-.12873	-.00653	-.29951	-.00015	-.03923	-8.97470	.33074
100.730	149.930	-.04458	-.89852	-.00001	-.12768	-.00862	-.30131	-.00004	-.03908	-8.97000	.33666
99.204	174.930	-.04442	-.89872	-.00010	-.12782	-.00922	-.30204	.00011	-.03894	-8.96900	.33626
100.200	199.860	-.04457	-.89769	-.00008	-.12763	-.00943	-.30185	.00005	-.03895	-8.96890	.33327
100.300	249.940	-.04570	-.90442	.00002	-.12836	-.00971	-.30401	-.00018	-.03942	-8.97520	.33793
99.940	300.100	-.04671	-.90508	.00010	-.12823	-.00944	-.30363	-.00034	-.03957	-8.97570	.33493
99.436	399.970	-.04539	-.90150	.00067	-.12733	-.00637	-.29979	-.00040	-.03953	-8.97130	.33353
.	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT518) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 511/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.195	-2.504	-.01809	-.47044	.00982	-.05826	-.03005	-.18718	-.00833	-.02976	-.52950	4.14360
-.140	97.460	-.01995	-.47132	.00901	-.05893	-.03246	-.18925	-.01004	-.03142	-.53211	4.15150
-.474	197.530	-.02203	-.47383	.00760	-.06040	-.03395	-.19089	-.01030	-.03170	-.53688	4.15160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 512/ 0 RN/L = 1.56 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.009	197.480	-.01996	-.47143	.00747	-.06048	-.02920	-.18602	-.00887	-.03025	-.53594	4.14260
49.512	97.393	-.01840	-.46927	.00789	-.05997	-.02837	-.18500	-.00847	-.02983	-.53344	4.13750
49.735	-2.505	-.01614	-.46736	.00879	-.05912	-.02698	-.18372	-.00764	-.02901	-.52994	4.13420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 513/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.825	-2.694	-.01483	-.46567	.00825	-.05961	-.02615	-.18277	-.00654	-.02790	-.53010	4.13220
99.472	97.428	-.01763	-.46861	.00823	-.05964	-.02684	-.18350	-.00655	-.02791	-.53216	4.13940
100.090	197.440	-.01923	-.47059	.00835	-.05958	-.02778	-.18457	-.00744	-.02882	-.53290	4.14410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 514/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.030	197.380	-.01912	-.46917	.01046	-.05728	-.02995	-.18629	-.00521	-.02653	-.52699	4.13140
198.350	97.435	-.01663	-.46715	.00974	-.05806	-.02837	-.18488	-.00439	-.02573	-.52725	4.12640
200.530	-2.685	-.01404	-.46385	.00852	-.05918	-.02669	-.18295	-.00541	-.02672	-.52859	4.12790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT519) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 547/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.456	-2.499	-.03469	-.88679	.00696	-.12044	-.04079	-.33286	-.00992	-.04888	-.94515	4.36340
-.342	97.397	-.03547	-.88694	.00527	-.12204	-.03991	-.33177	-.01088	-.04981	-.94918	4.36510
.673	197.340	-.03850	-.88927	.00389	-.12331	-.04317	-.33479	-.01310	-.05199	-.95439	4.37510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 548/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.021	197.380	-.03642	-.88692	.00369	-.12347	-.03801	-.32954	-.00940	-.04828	-.95340	4.36290
48.998	97.428	-.03568	-.88697	.00493	-.12235	-.03707	-.32887	-.00800	-.04692	-.94940	4.35330
49.908	-2.625	-.03620	-.88638	.00685	-.12026	-.03884	-.33026	-.00764	-.04651	-.94515	4.35700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 549/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.150	-2.664	-.03474	-.88523	.00711	-.12005	-.03690	-.32842	-.00642	-.04531	-.94349	4.34900
99.459	97.432	-.03570	-.88481	.00587	-.12109	-.03602	-.32708	-.00597	-.04479	-.94710	4.34890
100.240	197.430	-.03783	-.88783	.00499	-.12210	-.03610	-.32746	-.00643	-.04530	-.95042	4.35330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 550/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.850	197.420	-.03469	-.88469	.00812	-.11896	-.03957	-.33093	-.00347	-.04233	-.94136	4.34820
199.850	97.410	-.03381	-.88401	.00826	-.11885	-.03905	-.33047	-.00356	-.04243	-.94065	4.34980
200.090	-2.681	-.03343	-.88268	.00890	-.11808	-.04112	-.33222	-.00389	-.04272	-.93810	4.35360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT520) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 583/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.149	-2.491	-.04844	-1.10110	.00674	-.15042	-.04728	-.40705	-.01154	-.05929	-1.15510	4.43620
-.914	97.408	-.04791	-1.10200	.00529	-.15208	-.04661	-.40687	-.01108	-.05889	-1.15870	4.43460
-.087	197.460	-.04988	-1.10270	.00423	-.15295	-.04759	-.40740	-.01181	-.05956	-1.16260	4.43250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 584/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.742	197.420	-.04822	-1.10310	.00465	-.15284	-.04213	-.40266	-.00829	-.05614	-1.16140	4.41440
49.757	97.356	-.04723	-1.10300	.00591	-.15172	-.04246	-.40329	-.00795	-.05584	-1.15860	4.41890
49.959	-2.646	-.04698	-1.09280	.00713	-.14902	-.04304	-.40051	-.00876	-.05622	-1.14540	4.41940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 585/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.750	-2.613	-.04466	-1.09230	.00755	-.14886	-.04174	-.39980	-.00662	-.05415	-1.14660	4.41580
98.805	97.455	-.04545	-1.09270	.00626	-.15010	-.03949	-.39742	-.00599	-.05350	-1.15050	4.41090
100.700	197.320	-.04736	-1.09700	.00548	-.15123	-.03892	-.39767	-.00596	-.05358	-1.15390	4.41690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 586/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.830	197.410	-.04464	-1.09330	.00765	-.14892	-.04362	-.40203	-.00336	-.05094	-1.14690	4.40540
198.930	97.386	-.04363	-1.09280	.00790	-.14874	-.04413	-.40271	-.00347	-.05107	-1.14590	4.40780
201.650	-2.675	-.04271	-1.09210	.00957	-.14711	-.04728	-.40595	-.00375	-.05136	-1.14190	4.41450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT521) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 515/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.134	.388	-.02005	-.47075	.00389	-.06395	-.01711	-.17369	-.01293	-.03429	-.54329	2.22680
.225	100.280	-.01983	-.47037	.00051	-.06730	-.01974	-.17626	-.01347	-.03482	-.55166	2.23370
.339	200.340	-.02492	-.47491	-.00328	-.07101	-.02304	-.17938	-.01362	-.03494	-.56390	2.23170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 516/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.652	200.400	-.01423	-.47103	-.00402	-.07276	-.01722	-.17584	-.00675	-.02836	-.56641	2.19380
48.833	100.380	-.01220	-.46986	.00178	-.06709	-.01447	-.17339	-.01024	-.03190	-.55123	2.20590
49.300	.327	-.01068	-.46814	.00363	-.06520	-.01148	-.17032	-.00942	-.03107	-.54585	2.19830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 517/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.130	.303	-.00998	-.46726	.00620	-.06261	-.01391	-.17270	-.00751	-.02915	-.53857	2.19800
99.705	100.360	-.01016	-.46804	.00589	-.06301	-.01589	-.17488	-.00882	-.03048	-.53989	2.20480
100.810	200.370	-.00991	-.46823	-.00304	-.07201	-.01622	-.17536	-.00516	-.02684	-.56246	2.19090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 518/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.480	200.210	-.01442	-.47240	-.00244	-.07135	-.01917	-.17820	-.00971	-.03138	-.56336	2.20670
199.140	100.420	-.00686	-.46576	.00923	-.05982	-.01797	-.17731	-.00483	-.02654	-.53062	2.19450
199.830	.168	-.00648	-.46495	.00895	-.06003	-.01862	-.17781	-.00495	-.02664	-.53087	2.19360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT522) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 551/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.469	.295	-.04110	-.89942	.00451	-.12381	-.02804	-.32221	-.01054	-.04977	-.96147	2.38880
-.005	100.310	-.03968	-.90324	.00291	-.12619	-.02831	-.32425	-.01007	-.04953	-.96931	2.38960
.512	200.290	-.04032	-.90388	.00125	-.12784	-.02863	-.32456	-.01022	-.04967	-.97470	2.38570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 552/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.135	200.150	-.02943	-.88864	.00163	-.12682	-.02353	-.31800	.00019	-.03907	-.96257	2.35410
49.000	100.400	-.03898	-.89644	.00444	-.12375	-.02556	-.31944	-.00736	-.04655	-.96017	2.37680
50.005	.323	-.03969	-.89670	.00587	-.12226	-.02597	-.31969	-.00747	-.04664	-.95685	2.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 553/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.170	.287	-.03702	-.89483	.00637	-.12187	-.02623	-.32022	-.00548	-.04469	-.95432	2.36910
100.480	100.260	-.03791	-.89627	.00519	-.12313	-.02490	-.31909	-.00547	-.04470	-.95770	2.37290
100.830	200.350	-.02885	-.88689	.00413	-.12415	-.02174	-.31581	.00062	-.03859	-.95509	2.35290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 554/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.400	200.270	-.03224	-.89081	.00760	-.12076	-.02403	-.31828	-.00256	-.04180	-.94974	2.36670
200.260	100.400	-.03549	-.89410	.00831	-.12005	-.02885	.32311	-.00439	-.04363	-.95001	2.37190
197.430	.197	-.03526	-.89444	.00990	-.11855	-.03218	-.32664	-.00474	-.04400	-.94582	2.38180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT523) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 587/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.187	.472	-.04872	-1.09830	.00319	-.15350	-.02979	-.38850	-.00848	-.05609	-1.16160	2.44660
-.618	100.350	-.04828	-1.09940	.00282	-.15411	-.02948	-.38873	-.00884	-.05652	-1.16280	2.44910
.035	200.310	-.04758	-1.09910	.00254	-.15445	-.03028	-.38967	-.00966	-.05736	-1.16340	2.45200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 588/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
53.189	200.050	-.04805	-1.09820	.00402	-.15277	-.02994	-.38887	-.00654	-.05418	-1.15950	2.44170
50.255	100.330	-.04741	-1.09950	.00397	-.15311	-.02781	-.38741	-.00623	-.05396	-1.15990	2.44110
50.501	.254	-.04672	-1.09900	.00451	-.15260	-.02954	-.38919	-.00603	-.05377	-1.15940	2.44070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 589/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.655	.288	-.04346	-1.09770	.00476	-.15263	-.03040	-.39070	-.00422	-.05204	-1.15780	2.44020
98.385	100.380	-.04589	-1.09890	.00402	-.15320	-.02842	-.38831	-.00431	-.05207	-1.16080	2.43390
102.250	200.290	-.04271	-1.09740	.00447	-.15299	-.03015	-.39060	-.00506	-.05290	-1.15830	2.44390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 590/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.400	200.340	-.04000	-1.09470	.00742	-.15005	-.02872	-.38919	-.00295	-.05079	-1.15010	2.43260
199.320	100.450	-.04218	-1.09560	.00828	-.14899	-.03400	-.39401	-.00491	-.05269	-1.14930	2.44670
202.420	.232	-.04095	-1.09560	.00852	-.14894	-.03504	-.39550	-.00577	-.05361	-1.14760	2.44470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT524) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 519/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.045	.370	-.01302	-.47296	.00765	-.06156	-.01946	-.17915	-.00974	-.03150	-.53925	2.22540
.045	100.290	-.01730	-.47666	.00505	-.06407	-.02208	-.18157	-.01045	-.03218	-.54787	2.22910
-.087	200.420	-.01869	-.47804	.00435	-.06476	-.02390	-.18339	-.01048	-.03221	-.55057	2.23230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 520/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.361	200.340	-.02242	-.48329	.00445	-.06489	-.02659	-.18659	-.00965	-.03144	-.55431	2.23440
49.453	100.420	-.01989	-.48029	.00388	-.06539	-.02214	-.18199	-.00839	-.03016	-.55359	2.21930
49.487	.268	-.01743	-.47837	.00656	-.06280	-.02284	-.18287	-.00849	-.03029	-.54584	2.22350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 521/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.829	.356	-.01514	-.47660	.00682	-.06261	-.02149	-.18168	-.00713	-.02895	-.54451	2.22240
99.547	100.420	-.01784	-.47867	.00584	-.06350	-.02266	-.18265	-.00570	-.02749	-.54803	2.21270
100.400	200.260	-.01934	-.48126	.00649	-.06301	-.02534	-.18570	-.00825	-.03010	-.54817	2.22510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 522/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.160	200.250	-.01516	-.47666	.00871	-.06073	-.02663	-.18685	-.00628	-.02810	-.53944	2.22050
198.570	100.320	-.01413	-.47510	.00848	-.06088	-.02593	-.18596	-.00509	-.02689	-.53931	2.21690
200.500	.236	-.01310	-.47393	.00836	-.06098	-.02503	-.18501	-.00600	-.02779	-.53880	2.21850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT525) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 555/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.251	.353	-.04155	-.91773	.00716	-.12381	-.03426	-.33446	-.01134	-.05135	-.97336	2.39930
-.662	100.390	-.04211	-.91466	.00523	-.12520	-.03411	-.33308	-.01067	-.05052	-.97511	2.39620
-.079	200.270	-.04206	-.90397	.00330	-.12556	-.03332	-.32870	-.01014	-.04952	-.96886	2.39000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 556/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.756	200.320	-.03892	-.89760	.00442	-.12395	-.02718	-.32147	-.00648	-.04573	-.96032	2.37570
49.943	100.380	-.03864	-.90116	.00615	-.12280	-.02866	-.32425	-.00708	-.04649	-.95990	2.37670
48.955	.172	-.03891	-.89596	.00733	-.12080	-.02988	-.32362	-.00842	-.04759	-.95317	2.37970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 557/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.740	.180	-.03577	-.89615	.00780	-.12083	-.02861	-.32347	-.00639	-.04570	-.95296	2.37770
99.659	100.240	-.03649	-.89786	.00642	-.12235	-.02742	-.32262	-.00562	-.04498	-.95696	2.37150
99.818	200.350	-.03716	-.89755	.00559	-.12304	-.02661	-.32147	-.00543	-.04475	-.95978	2.37220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 558/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.420	200.200	-.03403	-.89606	.00865	-.12023	-.03172	-.32714	-.00322	-.04262	-.95081	2.37030
199.650	100.260	-.03394	-.89413	.00882	-.11977	-.03178	-.32658	-.00346	-.04276	-.94977	2.37410
200.170	.211	-.03330	-.89485	.00978	-.11902	-.03355	-.32881	-.00341	-.04278	-.94705	2.37200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT526) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 591/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.052	.398	-.05033	-1.10260	.00597	-.15113	-.03559	-.39521	-.01051	-.05824	-1.15810	2.45230
-1.100	100.360	-.04955	-1.10220	.00508	-.15208	-.03566	-.39544	-.00912	-.05687	-1.15980	2.44370
-.142	200.400	-.04846	-1.10090	.00394	-.15316	-.03487	-.39455	-.00859	-.05633	-1.16220	2.44350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 592/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.965	200.300	-.04684	-1.09930	.00478	-.15235	-.03078	-.39048	-.00606	-.05380	-1.15950	2.43380
49.794	100.290	-.04726	-1.10080	.00562	-.15167	-.03163	-.39170	-.00652	-.05431	-1.15760	2.43560
50.803	.262	-.04766	-1.10130	.00660	-.15070	-.03164	-.39174	-.00758	-.05537	-1.15550	2.43850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 593/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.481	.204	-.04455	-1.09780	.00688	-.15037	-.03278	-.39276	-.00568	-.05346	-1.15260	2.43250
99.569	100.320	-.04381	-1.09720	.00592	-.15135	-.03034	-.39035	-.00519	-.05297	-1.15510	2.42800
99.984	200.240	-.04446	-1.09720	.00552	-.15164	-.02982	-.38961	-.00503	-.05278	-1.15610	2.42700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 594/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.320	200.230	-.04286	-1.09650	.00762	-.14969	-.03549	-.39559	-.00362	-.05141	-1.15010	2.43240
198.290	100.380	-.04183	-1.09540	.00843	-.14885	-.03594	-.39600	-.00348	-.05127	-1.14750	2.42920
200.990	.237	-.04198	-1.09510	.00980	-.14743	-.03930	-.39922	-.00427	-.05204	-1.14410	2.43870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT527) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 523/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.145	-.142	-.01741	-.48153	.00034	-.06949	-.00708	-.16819	.00075	-.02119	-.56449	.18514
-.924	99.718	-.01748	-.48178	-.00085	-.07070	-.00449	-.16566	.00271	-.01924	-.56769	.17645
-.902	199.820	-.01708	-.48140	-.00098	-.07083	-.00508	-.16625	.00147	-.02048	-.56788	.18352
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 524/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.375	199.780	-.01776	-.48185	.00069	-.06913	-.00449	-.16557	.00179	-.02015	-.56408	.18542
50.453	99.832	-.01794	-.48203	.00157	-.06825	-.00496	-.16605	.00184	-.02010	-.56200	.18563
50.246	-.344	-.01815	-.48202	.00218	-.06761	-.00911	-.17013	-.00114	-.02307	-.56047	.19333
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 525/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.580	-.195	-.01568	-.48029	.00387	-.06603	-.00952	-.17078	-.00151	-.02347	-.55545	.19649
98.633	99.711	-.01681	-.48116	.00297	-.06689	-.00458	-.16586	.00124	-.02071	-.55809	.18379
99.921	199.940	-.01586	-.48067	.00229	-.06764	-.00436	-.16570	.00225	-.01972	-.55952	.17774
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 526/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.370	199.850	-.01104	-.47273	.00602	-.06345	-.00467	-.16495	.00216	-.01967	-.54428	.18189
200.410	99.809	-.01090	-.47319	.00670	-.06285	-.00797	-.16845	-.00052	-.02237	-.54304	.19331
199.650	-.132	-.01058	-.47188	.00757	-.06184	-.01291	-.17306	-.00341	-.02522	-.53951	.19935
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT528) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 559/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.868	-.124	-.04117	-.90358	.00186	-.12707	-.02470	-.32025	-.00794	-.04734	-.97287	.37474
1.332	99.893	-.03554	-.89809	.00128	-.12767	-.02064	-.31624	-.00476	-.04417	-.97055	.36801
-.132	199.640	-.03263	-.89452	.00162	-.12723	-.01669	-.31205	-.00209	-.04147	-.96815	.35475
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 560/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.572	199.780	-.03423	-.89701	.00251	-.12647	-.01489	-.31056	-.00189	-.04131	-.96764	.35147
49.565	99.841	-.03552	-.89859	.00268	-.12635	-.01833	-.31411	-.00307	-.04251	-.96741	.35697
49.445	-.250	-.04074	-.90379	.00267	-.12635	-.02159	-.31736	-.00518	-.04462	-.97108	.36688
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 561/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
97.085	-.111	-.03429	-.89738	.00547	-.12356	-.01937	-.31515	-.00556	-.04500	-.96013	.36776
97.756	99.837	-.03374	-.89838	.00416	-.12510	-.01660	-.31291	-.00379	-.04330	-.96372	.36288
102.480	199.690	-.03590	-.89862	.00312	-.12585	-.01432	-.30997	-.00142	-.04084	-.96712	.35305
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 562/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.150	199.720	-.03481	-.89871	.00687	-.12228	-.01458	-.31064	-.00147	-.04095	-.95724	.35005
200.540	99.764	-.03473	-.89833	.00818	-.12093	-.01717	-.31312	-.00400	-.04346	-.95467	.36065
199.070	-.323	-.03518	-.89826	.00835	-.12067	-.00981	-.30558	-.00109	-.04052	-.95430	.34724
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT529) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 595/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
1.440	99.771	-.04349	-1.09670	.00099	-.15626	-.02695	-.38691	-.00592	-.05369	-1.16730	.43568
.236	199.800	-.04042	-1.09380	.00140	-.15587	-.02290	-.38291	-.00416	-.05194	-1.16400	.42777
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 597/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.190	-200.260	-.04479	-1.09700	.00110	-.15599	-.02832	-.38793	-.00401	-.05174	-1.16520	.42896
47.898	-.109	-.04562	-1.09650	.00207	-.15482	-.02030	-.37947	-.00257	-.05024	-1.16310	.41737
51.782	49.843	-.04855	-1.09910	.00020	-.15665	-.02659	-.38566	-.00472	-.05238	-1.16960	.42951
48.462	99.920	-.04587	-1.09710	.00199	-.15495	-.02567	-.38495	-.00557	-.05326	-1.16350	.42942
51.411	199.730	-.04215	-1.09350	.00198	-.15499	-.02100	-.38035	-.00304	-.05074	-1.16140	.41923
47.954	399.960	-.04226	-1.09470	.00150	-.15563	-.01804	-.37776	-.00207	-.04981	-1.16270	.41441
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 598/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.130	399.970	-.04611	-1.09790	.00261	-.15442	-.01678	-.37626	-.00132	-.04903	-1.16250	.41152
99.034	199.820	-.04557	-1.09680	.00261	-.15433	-.01905	-.37833	-.00299	-.05068	-1.16210	.41766
97.471	99.956	-.04933	-1.10040	.00115	-.15577	-.02410	-.38332	-.00445	-.05212	-1.16840	.42554
99.723	49.919	-.04884	-1.10120	.00192	-.15520	-.02123	-.38091	-.00395	-.05168	-1.16620	.42363
100.750	-.157	-.04909	-1.09950	.00345	-.15337	-.02019	-.37919	-.00287	-.05052	-1.16220	.41822
99.664	-200.230	-.04449	-1.09700	.00200	-.15514	-.02896	-.38869	-.00439	-.05214	-1.16340	.42577
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 599/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.150	-200.210	-.04071	-1.09490	.00298	-.15440	-.02488	-.38515	-.00113	-.04894	-1.16270	.42049
197.750	-.178	-.04822	-1.10350	.00584	-.15171	-.01302	-.37368	-.00212	-.04999	-1.15990	.41231
198.910	49.804	-.05246	-1.10670	.00484	-.15255	-.00985	-.37014	-.00214	-.04996	-1.16500	.41002
200.730	99.951	-.04383	-1.09930	.00515	-.15242	-.02315	-.38387	-.00662	-.05449	-1.15910	.43205
197.970	199.930	-.04567	-1.10070	.00602	-.15149	-.01779	-.37835	-.00243	-.05028	-1.15830	.41692
198.550	399.920	-.04848	-1.10320	.00503	-.15244	-.01679	-.37727	-.00157	-.04941	-1.16230	.41219
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT530) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 542.000
MACH = 4.500

RUN NO. 527/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.130	-.175	-.02249	-.47226	.00185	-.06584	-.01502	-.17128	-.01059	-.03190	-.54989	.19791
-.512	99.750	-.01542	-.46619	.00011	-.06774	-.00530	-.16189	.00427	-.01709	-.55072	.14488
.165	199.740	-.01794	-.46894	-.00241	-.07029	-.00469	-.16137	.00604	-.01532	-.55868	.13983
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 528/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.107	199.830	-.01479	-.46553	-.00018	-.06802	-.00463	-.16122	.00634	-.01501	-.55128	.14223
50.533	99.884	-.01274	-.46390	.00156	-.06634	-.00539	-.16212	.00626	-.01511	-.54587	.14143
49.621	-.166	-.01907	-.47007	.00307	-.06481	-.01485	-.17152	-.01001	-.03137	-.54607	.19179
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 529/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.090	-.303	-.01743	-.46810	.00387	-.06396	-.01753	-.17409	-.00852	-.02987	-.54264	.18638
97.987	99.824	-.01258	-.46441	.00414	-.06386	-.00557	-.16252	.00478	-.01662	-.54002	.14240
99.684	199.800	-.01466	-.46367	.00331	-.06428	-.00410	-.16010	.00615	-.01513	-.54074	.13338
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 530/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.460	199.740	-.01390	-.46233	.00656	-.06094	-.00760	-.16340	.00001	-.02124	-.53151	.15529
200.660	99.805	-.01556	-.46312	.00566	-.06171	-.01172	-.16722	-.00302	-.02423	-.53418	.16460
199.230	-.240	-.01207	-.46060	.00745	-.06006	-.01479	-.17063	-.00446	-.02572	-.52769	.17236
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT531) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 563/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.241	-.044	-.04206	-.90708	.00427	-.12505	-.01663	-.31306	-.00684	-.04636	-.97012	.34866
-.285	99.718	-.04250	-.90827	.00285	-.12658	-.01942	-.31611	-.00838	-.04794	-.97373	.35481
2.854	199.680	-.03526	-.90038	.00001	-.12932	-.01720	-.31366	.00218	-.03735	-.97665	.32362
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 564/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.552	199.650	-.03370	-.89908	.00198	-.12739	-.01544	-.31199	.00289	-.03665	-.97106	.32210
47.906	99.887	-.04258	-.90770	.00235	-.12698	-.01801	-.31447	-.00662	-.04514	-.97552	.34929
48.872	-.166	-.04125	-.90730	.00380	-.12567	-.01900	-.31577	-.00464	-.04421	-.97138	.34812
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 565/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.439	-.314	-.03713	-.90358	.00458	-.12495	-.02111	-.31802	-.00286	-.04244	-.96728	.34182
101.110	99.816	-.03329	-.90004	.00480	-.12478	-.01940	-.31641	-.00208	-.04168	-.96465	.33528
100.400	199.790	-.03237	-.89926	.00469	-.12490	-.01474	-.31180	.00270	-.03690	-.96479	.32250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 566/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.420	199.800	-.03343	-.89732	.00813	-.12102	-.01797	-.31402	-.00115	-.04062	-.95344	.33212
199.450	99.825	-.03272	-.89602	.00880	-.12026	-.02208	-.31792	-.00449	-.04393	-.95175	.34593
200.900	-.205	-.02869	-.89215	.01026	-.11883	-.02349	-.31940	-.00306	-.04251	-.94555	.34313
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT532) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 600/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.259	400.020	-.04368	-1.10190	.00037	-.15761	-.02029	-.38194	-.00148	-.04947	-1.17320	.41718
-1.369	199.900	-.05120	-1.10850	.00185	-.15600	-.02581	-.38715	-.00894	-.05689	-1.17430	.43306
1.020	99.879	-.05179	-1.10930	.00117	-.15671	-.02098	-.38239	-.00647	-.05443	-1.17660	.42294
-.407	49.804	-.05057	-1.10900	.00157	-.15645	-.02163	-.38336	-.00590	-.05391	-1.17470	.42347
1.107	-.207	-.04917	-1.10860	.00198	-.15618	-.02374	-.38579	-.00512	-.05317	-1.17270	.42126
-1.186	-200.270	-.03889	-1.09720	.00406	-.15393	-.03184	-.39350	-.01155	-.05954	-1.16110	.44608
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 601/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.732	-200.250	-.04088	-1.09980	.00232	-.15577	-.02779	-.38967	-.00762	-.05565	-1.16710	.43606
50.523	-.264	-.04579	-1.10500	.00235	-.15578	-.02488	-.38685	-.00284	-.05088	-1.17030	.41630
50.646	49.840	-.04992	-1.10970	.00129	-.15692	-.02497	-.38714	-.00435	-.05241	-1.17600	.42061
49.217	99.885	-.05126	-1.11030	.00122	-.15689	-.02342	-.38535	-.00501	-.05304	-1.17690	.42117
48.767	199.860	-.04295	-1.10220	.00182	-.15632	-.02373	-.38574	-.00207	-.05011	-1.16960	.41494
48.489	399.930	-.04234	-1.10080	.00229	-.15574	-.01807	-.37981	-.00119	-.04919	-1.16850	.40844
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 602/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.150	399.920	-.04197	-1.10230	.00335	-.15495	-.01740	-.37977	.00031	-.04778	-1.16580	.39910
101.070	199.800	-.04105	-1.09980	.00430	-.15375	-.02116	-.38298	.00042	-.04759	-1.16290	.40162
100.220	99.896	-.04351	-1.10220	.00376	-.15430	-.02534	-.38716	-.00302	-.05103	-1.16570	.41394
102.900	49.771	-.03603	-1.09570	.00666	-.15154	-.02366	-.38579	-.00050	-.04856	-1.15420	.40768
97.869	-.135	-.03540	-1.09490	.00768	-.15049	-.02275	-.38483	-.00101	-.04906	-1.15090	.40815
101.880	-200.190	-.04134	-1.10060	.00250	-.15564	-.02723	-.38922	-.00643	-.05447	-1.16790	.42792
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 603/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.800	-200.230	-.03967	-1.09950	.00481	-.15341	-.03117	-.39337	-.00672	-.05478	-1.16120	.42997
196.990	-.135	-.03401	-1.09340	.00863	-.14952	-.02646	-.38848	-.00132	-.04936	-1.14830	.41037
199.530	49.895	-.03457	-1.09370	.00797	-.15014	-.02664	-.38858	-.00287	-.05090	-1.15020	.41957
198.280	99.851	-.04024	-1.10080	.00787	-.15047	-.02818	-.39063	-.00412	-.05222	-1.15420	.42410
200.280	199.870	-.04324	-1.10410	.00700	-.15137	-.02476	-.38731	-.00323	-.05134	-1.15830	.41919
197.380	399.940	-.04069	-1.10140	.00676	-.15159	-.02054	-.38304	.00062	-.04748	-1.15770	.40102
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT533) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	.000	BETAB	=	.000
Y	=	100.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 531/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.140	-.178	-.02224	-.47066	.00354	-.06396	-.01397	-.16977	-.01010	-.03135	-.54413	.18046
.116	99.759	-.02217	-.47048	.00052	-.06696	-.01631	-.17207	-.01088	-.03213	-.55153	.18928
.783	199.840	-.02554	-.47424	-.00368	-.07122	-.01956	-.17545	-.01093	-.03219	-.56395	.18697
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 532/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.073	199.760	-.02015	-.46912	-.00324	-.07081	-.01637	-.17236	-.00629	-.02757	-.55995	.16750
48.301	99.811	-.01902	-.46705	.00181	-.06563	-.01481	-.17047	-.00837	-.02960	-.54625	.18138
49.544	-.240	-.01830	-.46637	.00401	-.06344	-.01197	-.16765	-.00671	-.02794	-.54066	.16673
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 533/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.881	-.177	-.01274	-.46199	.00602	-.06160	-.01222	-.16830	-.00637	-.02766	-.53268	.17101
99.854	99.756	-.01419	-.46380	.00597	-.06170	-.01426	-.17046	-.00804	-.02934	-.53403	.17874
100.300	199.810	-.01664	-.46565	-.00250	-.07009	-.01627	-.17227	-.00361	-.02489	-.55613	.16034
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 534/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.460	199.780	-.02076	-.47048	-.00103	-.06872	-.01804	-.17428	-.00835	-.02966	-.55534	.17270
198.720	99.907	-.01088	-.45959	.00898	-.05856	-.01760	-.17349	-.00411	-.02537	-.52412	.16900
199.680	-.310	-.00904	-.45816	.00846	-.05914	-.01766	-.17369	-.00444	-.02572	-.52431	.16829
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT534) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 567/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.448	-.067	-.04130	-.90680	.00628	-.12311	-.02103	-.31763	-.00833	-.04788	-.96400	.33925
-.604	99.733	-.04071	-.90447	.00482	-.12430	-.02222	-.31822	-.00751	-.04698	-.96726	.33807
.716	199.790	-.03935	-.90393	.00262	-.12663	-.02318	-.31946	-.00830	-.04780	-.97245	.34113
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 568/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.164	199.720	-.03104	-.89653	.00287	-.12651	-.01860	-.31519	.00349	-.03605	-.96685	.30635
47.915	99.830	-.03728	-.90317	.00604	-.12340	-.01959	-.31632	-.00551	-.04507	-.96272	.33089
49.794	-.274	-.03640	-.90167	.00720	-.12215	-.01991	-.31642	-.00576	-.04530	-.95932	.33182
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 569/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.370	-.196	-.03276	-.89835	.00733	-.12207	-.02115	-.31777	-.00402	-.04356	-.95707	.32658
98.888	99.853	-.03483	-.90021	.00658	-.12279	-.01916	-.31572	-.00380	-.04334	-.95982	.32273
101.250	199.810	-.03365	-.88814	.00512	-.12263	-.01827	-.31115	.00260	-.03646	-.95260	.30452
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 570/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.900	199.770	-.03153	-.89289	.00923	-.11954	-.01866	-.31385	-.00032	-.03968	-.94743	.31324
198.630	99.723	-.03191	-.89481	.00953	-.11947	-.02413	-.31984	-.00279	-.04222	-.94905	.32479
200.560	-.277	-.03001	-.89471	.01134	-.11793	-.02770	-.32403	-.00299	-.04250	-.94385	.32812
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT535) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 604/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.930	400.020	-.04588	-1.10630	-.00073	-.15904	-.02089	-.38328	.00179	-.04630	-1.18040	.39374
-.982	199.690	-.05024	-1.11040	.00356	-.15472	-.02659	-.38890	-.00689	-.05497	-1.17150	.41908
-1.002	99.932	-.05022	-1.11130	.00395	-.15446	-.02391	-.38653	-.00636	-.05448	-1.17150	.41437
-.285	49.926	-.04947	-1.10930	.00413	-.15408	-.02261	-.38478	-.00663	-.05469	-1.17060	.41578
.414	-.148	-.04938	-1.10980	.00461	-.15370	-.02303	-.38542	-.00703	-.05512	-1.16920	.41707
.391	-200.390	-.04581	-1.10710	.01039	-.14805	-.03316	-.39584	-.01376	-.06189	-1.15280	.43926
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 605/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.618	-200.350	-.04101	-1.10310	.00955	-.14901	-.03152	-.39447	-.01072	-.05888	-1.15240	.43013
48.562	.007	-.04574	-1.10800	.00482	-.15376	-.02510	-.38810	-.00481	-.05298	-1.16680	.41285
49.173	49.853	-.04624	-1.10700	.00469	-.15366	-.02379	-.38628	-.00484	-.05295	-1.16730	.41192
49.804	99.694	-.04664	-1.10800	.00466	-.15380	-.02282	-.38554	-.00482	-.05295	-1.16810	.41454
51.026	199.890	-.04668	-1.10830	.00448	-.15400	-.02500	-.38778	-.00452	-.05266	-1.16840	.41372
50.552	399.970	-.04434	-1.10550	.00073	-.15769	-.01951	-.38216	.00232	-.04580	-1.17630	.39145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 606/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.430	399.950	-.04128	-1.10340	.00389	-.15466	-.01773	-.38070	.00241	-.04576	-1.16720	.38842
103.040	199.930	-.03975	-1.10240	.00519	-.15345	-.02462	-.38776	-.00290	-.05108	-1.16310	.40774
99.478	99.866	-.04348	-1.10520	.00488	-.15363	-.02432	-.38715	-.00237	-.05052	-1.16590	.40437
100.760	49.783	-.04327	-1.10620	.00491	-.15378	-.02555	-.38880	-.00262	-.05083	-1.16550	.40426
100.400	-.167	-.04282	-1.10480	.00512	-.15342	-.02667	- 38957	-.00277	-.05093	-1.16480	.40717
98.583	-200.330	-.03673	-1.09920	.00879	-.14982	-.03070	-.39379	-.00898	-.05716	-1.15250	.43182
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 607/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.810	-200.310	-.03578	-1.09860	.00976	-.14890	-.03509	-.39828	-.00865	-.05685	-1.14980	.43273
198.800	-.186	-.03855	-1.10190	.01010	-.14863	-.02968	-.39304	-.00303	-.05124	-1.15080	.41697
200.140	99.909	-.03997	-1.10320	.00904	-.14969	-.02927	-.39260	-.00304	-.05125	-1.15460	.41516
200.780	199.870	-.04091	-1.10400	.00827	-.15044	-.02488	-.38819	-.00126	-.04947	-1.15700	.40548
198.410	399.850	-.03861	-1.10190	.00835	-.15038	-.02156	-.38491	.00133	-.04688	-1.15530	.39602
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT536) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	.000	BETA	=	.000
ALPHAB	=	.000	BETAB	=	-2.000
Y	=	.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 535/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.741	-4.179	-.01956	-.46995	.00050	-.06729	-.00303	-.15950	.00232	-.01902	-.55243	-1.85490
-.163	95.802	-.02161	-.47279	-.00094	-.06885	-.00046	-.15720	.00497	-.01640	-.55720	-1.85890
-1.206	195.840	-.02314	-.47356	-.00089	-.06868	-.00196	-.15844	.00329	-.01605	-.55794	-1.85500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 536/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.543	195.800	-.02119	-.47268	.00078	-.06717	-.00196	-.15880	.00442	-.01697	-.55344	-1.85610
50.564	95.756	-.01961	-.47138	.00127	-.06673	-.00139	-.15833	.00380	-.01760	-.55103	-1.85660
50.426	-4.299	-.01835	-.46957	.00241	-.06550	-.00604	-.16279	.00026	-.02111	-.54735	-1.84540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 537/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.690	-4.273	-.01586	-.46736	.00427	-.06368	-.00622	-.16306	.00061	-.02077	-.54147	-1.84280
98.410	95.763	-.01731	-.46929	.00382	-.06420	-.00138	-.15838	.00312	-.01829	-.54403	-1.85460
99.628	195.730	-.01735	-.46892	.00306	-.06490	-.00147	-.15833	.00500	-.01638	-.54570	-1.86120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 538/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.280	195.880	-.01154	-.46376	.00646	-.06160	-.00135	-.15843	.00375	-.01767	-.53380	-1.84980
200.330	95.810	-.01159	-.46356	.00736	-.06066	-.00499	-.16199	.00077	-.02063	-.53140	-1.84250
200.070	-4.123	-.01031	-.46241	.00809	-.05996	-.00995	-.16699	-.00179	-.02320	-.52886	-1.83850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT537) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 571/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.137	-4.133	-.03983	-.89668	.00226	-.12584	-.02044	-.31411	-.00789	-.04705	-.96509	-1.63910
.763	95.846	-.03748	-.89416	.00182	-.12626	-.01559	-.30921	-.00389	-.04304	-.96442	-1.66000
.505	195.700	-.03638	-.89317	.00208	-.12601	-.01167	-.30533	-.00086	-.04002	-.96346	-1.66600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 572/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.948	195.790	-.03778	-.89487	.00292	-.12522	-.01163	-.30539	-.00018	-.03935	-.96259	-1.66450
50.722	95.867	-.03603	-.89370	.00338	-.12484	-.01430	-.30825	-.00089	-.04009	-.96044	-1.66380
48.106	-4.198	-.03628	-.89334	.00372	-.12442	-.01866	-.31240	-.00318	-.04236	-.95976	-1.65280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 573/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.781	-4.253	-.03470	-.89196	.00626	-.12190	-.01697	-.31078	-.00307	-.04225	-.95267	-1.65270
100.740	95.830	-.03613	-.89307	.00501	-.12311	-.01335	-.30705	-.00051	-.03967	-.95664	-1.66220
101.470	195.650	-.03892	-.89607	.00376	-.12438	-.01131	-.30509	.00065	-.03852	-.96129	-1.66030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 574/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.610	195.800	-.03364	-.89117	.00769	-.12051	-.01220	-.30610	.00011	-.03908	-.94860	-1.65660
200.700	95.866	-.03231	-.89034	.00868	-.11959	-.01495	-.30903	-.00182	-.04104	-.94575	-1.65410
199.150	-4.269	-.02490	-.88238	.00777	-.12042	-.01307	-.30695	.00253	-.03665	-.94330	-1.66390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT538) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 608/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.125	-4.098	-.04222	-1.10830	-.00006	-.15920	-.01736	-.38165	-.00169	-.05003	-1.18060	-1.57840
1.414	95.834	-.04591	-1.11020	.00172	-.15716	-.02260	-.38629	-.00516	-.05342	-1.17830	-1.56370
1.751	195.820	-.04417	-1.10920	.00207	-.15693	-.01895	-.38290	-.00293	-.05122	-1.17640	-1.57240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 609/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.760	195.820	-.04547	-1.11090	.00262	-.15643	-.01772	-.38180	-.00142	-.04973	-1.17590	-1.57730
51.920	95.878	-.04606	-1.11090	.00268	-.15629	-.02222	-.38609	-.00366	-.05194	-1.17550	-1.56820
51.103	-4.100	-.04099	-1.10670	.00250	-.15660	-.01662	-.38079	-.00055	-.04887	-1.17370	-1.58200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 610/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.700	-4.255	-.04641	-1.11110	.00431	-.15464	-.01683	-.38067	.00036	-.04792	-1.17280	-1.58580
98.464	95.864	-.04677	-1.11300	.00388	-.15529	-.01389	-.37823	.00024	-.04811	-1.17420	-1.58440
101.740	195.860	-.04744	-1.11300	.00315	-.15592	-.01666	-.38077	-.00059	-.04890	-1.17680	-1.58160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 611/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.190	195.760	-.04487	-1.11010	.00640	-.15262	-.01586	-.37985	-.00082	-.04912	-1.16710	-1.58000
201.390	95.935	-.04083	-1.10750	.00638	-.15286	-.02485	-.38935	-.00401	-.05238	-1.16460	-1.56640
198.290	-4.213	-.03955	-1.10530	.00616	-.15294	-.01648	-.38066	.00111	-.04721	-1.16460	-1.58790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT539) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 539/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.116	-4.104	-.02118	-.47394	.00261	-.06553	-.00753	-.16479	-.00800	-.02944	-.55003	-1.82670
-.965	95.816	-.01501	-.46810	.00085	-.06734	.00278	-.15460	.00626	-.01520	-.55101	-1.87050
.000	195.740	-.01957	-.47286	-.00119	-.06941	.00128	-.15617	.00745	-.01402	-.55902	-1.87570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 540/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.950	195.740	-.01713	-.47032	.00065	-.06755	-.00058	-.15800	.00773	-.01373	-.55282	-1.87670
49.874	95.869	-.01472	-.46776	.00171	-.06647	-.00057	-.15793	.00768	-.01377	-.54878	-1.87340
50.030	-4.200	-.01528	-.46885	.00441	-.06385	-.00717	-.16471	-.00773	-.02920	-.54256	-1.82910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 541/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.570	-4.314	-.01247	-.46564	.00767	-.06053	-.01011	-.16751	-.00734	-.02880	-.53254	-1.82480
99.953	95.661	-.01528	-.46846	.00457	-.06364	-.00278	-.16019	.00645	-.01501	-.54216	-1.87330
99.817	195.770	-.01699	-.47058	.00351	-.06475	-.00027	-.15782	.00740	-.01408	-.54618	-1.87920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 542/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.170	195.710	-.01298	-.46674	.00844	-.05985	-.00292	-.16052	.00308	-.01840	-.53165	-1.85930
201.120	95.780	-.01382	-.46687	.00682	-.06136	-.00717	-.16453	-.00131	-.02276	-.53584	-1.84780
199.450	-4.151	-.01105	-.46502	.00734	-.06098	-.00993	-.16760	-.00310	-.02460	-.53312	-1.83920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT540) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 575/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.389	-4.076	-.03756	-.89860	.00509	-.12364	-.01258	-.30767	-.00554	-.04489	-.96047	-1.62040
-.073	95.779	-.04067	-.90126	.00398	-.12477	-.01461	-.30955	-.00612	-.04544	-.96560	-1.61890
-.679	195.750	-.03977	-.90183	.00112	-.12776	-.01002	-.30546	.00369	-.03570	-.97243	-1.65140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 576/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.104	195.770	-.03748	-.89903	.00320	-.12560	-.00892	-.30418	.00456	-.03480	-.96646	-1.65770
50.927	95.884	-.03743	-.89885	.00415	-.12463	-.01265	-.30787	-.00469	-.04405	-.96397	-1.62700
50.126	-4.294	-.03564	-.89785	.00521	-.12369	-.01448	-.30996	-.00354	-.04293	-.96059	-1.62700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 577/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.734	-4.326	-.03273	-.89550	.00563	-.12336	-.01686	-.31253	-.00155	-.04037	-.95852	-1.62690
100.950	95.669	-.03223	-.89498	.00577	-.12320	-.01457	-.31024	-.00030	-.03972	-.95785	-1.63360
99.460	195.690	-.03498	-.89876	.00547	-.12366	-.01007	-.30609	.00400	-.03547	-.96102	-1.64810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 578/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.510	195.810	-.03180	-.89607	.00925	-.11995	-.01359	-.30977	.00034	-.03915	-.95006	-1.63570
199.260	95.820	-.02959	-.89429	.00976	-.11951	-.01800	-.31432	-.00271	-.04222	-.94754	-1.62910
201.640	-4.158	-.02613	-.88968	.01160	-.11750	-.01858	-.31452	-.00127	-.04073	-.94055	-1.63430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT541) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB
SCALE = .0100	

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	.000	BETAB =	-2.000
Y =	50.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 612/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.250	-4.153	-.04660	-1.11150	.00280	-.15618	-.01889	-.38279	-.00392	-.05221	-1.17640	-1.57950
-1.867	95.905	-.04957	-1.11580	.00210	-.15707	-.01736	-.38171	-.00515	-.05349	-1.18050	-1.57720
2.584	195.760	-.04995	-1.11440	[illegible]	-.15668	-.02130	-.38503	-.00663	-.05489	-1.18080	-1.57170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 613/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.972	195.680	-.04467	-1.11180	.00301	-.15629	-.01766	-.38233	-.00050	-.04889	-1.17590	-1.59070
49.878	95.974	-.04889	-1.11480	.00230	-.15683	-.01915	-.38341	-.00375	-.05209	-1.18020	-1.57770
52.745	-4.280	-.04153	-1.10800	.00433	-.15488	-.01976	-.38419	-.00119	-.04954	-1.17080	-1.59220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 614/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.503	-4.285	-.03630	-1.10300	.00941	-.14983	-.01720	-.38171	.00060	-.04776	-1.15490	-1.59250
102.040	95.787	-.04079	-1.10800	.00593	-.15339	-.02036	-.38505	-.00073	-.04912	-1.16660	-1.58630
96.922	195.710	-.04346	-1.10950	.00519	-.15396	-.01666	-.38093	.00173	-.04660	-1.17030	-1.59890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 615/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.570	195.790	-.04109	-1.10880	.00809	-.15130	-.02107	-.38591	-.00167	-.05008	-1.16180	-1.58650
198.750	95.784	-.03748	-1.10360	.00911	-.15005	-.02474	-.38907	-.00340	-.05174	-1.15630	-1.58270
196.890	-4.180	-.03276	-1.09960	.00964	-.14961	-.02187	-.38642	.00076	-.04761	-1.15240	-1.59250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT542) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 543/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.094	-4.269	-.02164	-.47609	.00430	-.06409	-.00680	-.16463	-.00783	-.02934	-.54793	-1.80570
-.024	95.695	-.02106	-.47642	.00170	-.06683	-.00890	-.16705	-.00797	-.02953	-.55479	-1.80340
1.096	195.790	-.02230	-.47753	-.00335	-.07185	-.01410	-.17220	-.01078	-.03233	-.56772	-1.79210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 544/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.610	195.710	-.01766	-.47282	-.00281	-.07130	-.01322	-.17129	-.00621	-.02776	-.56348	-1.80490
48.492	95.737	-.01615	-.47124	.00279	-.06570	-.00655	-.16460	-.00665	-.02819	-.54887	-1.81210
49.530	-4.144	-.01888	-.47387	.00520	-.06327	-.00532	-.16333	-.00549	-.02703	-.54466	-1.80960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 545/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.842	-4.269	-.01109	-.46644	.00671	-.06182	-.00621	-.16435	-.00511	-.02666	-.53606	-1.81490
100.120	95.742	-.01102	-.46709	.00636	-.06227	-.00675	-.16513	-.00639	-.02797	-.53746	-1.80760
99.936	195.840	-.01644	-.47182	-.00155	-.07008	-.01003	-.16818	-.00304	-.02460	-.56001	-1.81230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 546/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.590	195.790	-.01810	-.47385	.00039	-.06820	-.01297	-.17125	-.00773	-.02930	-.55665	-1.79750
198.830	95.904	-.00660	-.46207	.00932	-.05922	-.01040	-.16858	-.00361	-.02517	-.52722	-1.81390
199.530	-4.177	-.00553	-.46147	.00876	-.05985	-.01027	-.16861	-.00397	-.02555	-.52818	-1.81140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT543) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 579/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.056	-4.103	-.03797	-.90375	.00714	-.12229	-.01524	-.31193	-.00698	-.04654	-.96163	-1.63030
-1.187	95.873	-.03765	-.89388	.00606	-.12194	-.01602	-.30948	-.00632	-.04545	-.95523	-1.63480
.486	195.810	-.03748	-.89844	.00380	-.12491	-.01719	-.31224	-.00648	-.04582	-.96413	-1.63550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 580/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.674	195.760	-.03329	-.89582	.00423	-.12472	-.01115	-.30674	.00368	-.03573	-.96200	-1.66320
48.366	95.891	-.03329	-.89582	.00742	-.12152	-.01429	-.30988	-.00453	-.04394	-.95413	-1.64070
49.602	-4.304	-.03196	-.89455	.00798	-.12098	-.01475	-.31036	-.00466	-.04407	-.95198	-1.63510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 581/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.750	-4.309	-.02857	-.89689	.00801	-.12180	-.01655	-.31409	-.00307	-.04274	-.95636	-1.64360
98.877	95.940	-.03033	-.89364	.00800	-.12107	-.01460	-.31046	-.00282	-.04227	-.95144	-1.63990
101.130	195.700	-.03293	-.89065	.00657	-.12166	-.01089	-.30486	.00298	-.03622	-.95160	-1.66820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 582/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.210	195.780	-.03027	-.92018	.01030	-.12271	-.01369	-.31853	.00067	-.03995	-.97247	-1.64300
199.250	95.826	-.03068	-.89820	.01026	-.11943	-.01970	-.31697	-.00140	-.04103	-.95155	-1.64260
198.230	-4.276	-.02754	-.88932	.01166	-.11718	-.02154	-.31688	-.00229	-.04167	-.93844	-1.64520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT544) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 616/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.874	-4.029	-.04522	-1.11220	.00560	-.15368	-.01890	-.38351	-.00549	-.05387	-1.17100	-1.56300
-.263	95.925	-.04709	-1.11450	.00516	-.15416	-.01878	-.38352	-.00446	-.05285	-1.17300	-1.56750
.240	195.680	-.04714	-1.11460	.00515	-.15420	-.02155	-.38631	-.00432	-.05271	-1.17350	-1.57060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 617/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.603	195.740	-.03925	-1.10760	.00618	-.15331	-.01894	-.38399	-.00229	-.05072	-1.16610	-1.57310
48.736	95.836	-.04251	-1.10930	.00560	-.15365	-.01931	-.38383	-.00322	-.05159	-1.16900	-1.57210
50.665	-4.295	-.04133	-1.10990	.00536	-.15417	-.02136	-.38652	-.00369	-.05214	-1.16910	-1.56600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 618/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.717	-4.353	-.03974	-1.10860	.00626	-.15330	-.02189	-.38714	-.00152	-.04998	-1.16650	-1.57110
97.814	95.913	-.03971	-1.10800	.00586	-.15362	-.01992	-.38498	-.00111	-.04954	-1.16740	-1.57860
100.500	195.840	-.03759	-1.10550	.00644	-.15299	-.01866	-.38359	-.00042	-.04884	-1.16480	-1.57810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 619/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.900	195.840	-.04045	-1.10890	.00930	-.15020	-.01972	-.38481	-.00011	-.04856	-1.15980	-1.57800
198.660	95.905	-.03792	-1.10690	.01013	-.14945	-.02411	-.38939	-.00188	-.05034	-1.15580	-1.57180
201.430	-4.192	-.03634	-1.10500	.01142	-.14811	-.02314	-.38831	-.00132	-.04977	-1.15210	-1.57220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT545) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 656/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.132	-2.431	-.02467	-.47607	.00559	-.06235	-.02907	-.18588	-.00708	-.02847	-4.54310	4.13940
-.360	97.449	-.02634	-.47738	.00588	-.06201	-.03012	-.18681	-.00727	-.02864	-4.54290	4.14210
.335	197.480	-.02821	-.47893	.00417	-.06367	-.03665	-.19322	-.00659	-.02994	-4.54840	4.15230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 657/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.402	197.420	-.02823	-.47853	.00415	-.06363	-.03093	-.18737	-.00742	-.02875	-4.54750	4.14110
49.828	97.484	-.02542	-.47471	.00543	-.06219	-.02686	-.18295	-.00579	-.02708	-4.54240	4.13210
49.831	-2.580	-.02656	-.47599	.00698	-.06067	-.02637	-.18251	-.00513	-.02643	-4.53890	4.12970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 658/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.971	-2.579	-.02550	-.47470	.00701	-.06060	-.02214	-.17821	-.00461	-.02589	-4.53780	4.12500
100.000	97.342	-.02542	-.47368	.00566	-.06181	-.02309	-.17884	-.00501	-.02625	-4.54010	4.12650
99.553	197.540	-.02782	-.47584	.00507	-.06236	-.02575	-.18141	-.00581	-.02704	-4.54310	4.13060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 659/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.060	197.470	-.02480	-.47189	.00743	-.05986	-.02013	-.17546	-.00380	-.02499	-4.53470	4.11910
199.520	97.479	-.02350	-.46991	.00747	-.05973	-.01987	-.17499	-.00339	-.02455	-4.53330	4.11770
200.410	-2.620	-.02213	-.46897	.00750	-.05976	-.01945	-.17472	-.00353	-.02472	-4.53230	4.12090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT546) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	4.000
Y =	200.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 692/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.425	-2.447	-.02391	-.87976	.00430	-.12365	-.02506	-.31840	-.00739	-.04651	-4.94870	4.30390
-.810	97.522	-.02704	-.87801	.00466	-.12257	-.02736	-.31905	-.00668	-.04558	-4.94530	4.29880
.284	197.470	-.02841	-.89282	.00417	-.12506	-.02803	-.32426	-.00722	-.04671	-4.96060	4.31060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 693/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.459	197.520	-.02724	-.87907	.00351	-.12385	-.02137	-.31334	-.00501	-.04395	-4.94970	4.29360
49.879	97.396	-.02732	-.87600	.00453	-.12236	-.02120	-.31210	-.00455	-.04335	-4.94510	4.28660
49.856	-2.595	-.03072	-.87470	.00513	-.12106	-.02281	-.31212	-.00550	-.04409	-4.94230	4.29400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 694/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.460	-2.660	-.02873	-.86987	.00560	-.12017	-.01777	-.30612	-.00422	-.04269	-4.93650	4.28700
99.081	97.513	-.02849	-.86712	.00396	-.12144	-.01790	-.30541	-.00333	-.04169	-4.93790	4.28060
100.340	197.420	-.02928	-.86606	.00301	-.12211	-.01819	-.30508	-.00280	-.04108	-4.93870	4.28030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 695/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.390	197.400	-.02812	-.86216	.00535	-.11937	-.01865	-.30462	-.00174	-.03990	-4.92930	4.28150
199.960	97.422	-.02777	-.86070	.00548	-.11907	-.01850	-.30410	-.00210	-.04021	-4.92700	4.28170
200.550	-2.653	-.02856	-.87404	.00632	-.12009	-.02100	-.31083	-.00269	-.04135	-4.93770	4.28490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT547) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 728/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.585	-2.482	-.04591	-1.10950	.00333	-.15545	-.03240	-.39585	-.00931	-.05754	-5.17210	4.40010
-1.927	97.517	-.04595	-1.10710	.00314	-.15529	-.03331	-.39596	-.00760	-.05572	-5.17080	4.39400
-.912	197.440	-.04833	-1.08200	.00268	-.15166	-.03440	-.38776	-.00838	-.05529	-5.14650	4.38830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 729/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.111	197.480	-.04118	-1.09960	.00297	-.15504	-.02493	-.38663	-.00498	-.05298	-5.16490	4.37940
50.309	97.480	-.04366	-1.10480	.00363	-.15478	-.02536	-.38798	-.00509	-.05321	-5.16780	4.38770
52.239	-2.674	-.04525	-1.10830	.00443	-.15427	-.02529	-.38857	-.00652	-.05472	-5.16820	4.39030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 730/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.598	-2.645	-.04121	-1.09230	.00516	-.15176	-.02173	-.38096	-.00511	-.05279	-5.15250	4.37790
98.216	97.592	-.04051	-1.10160	.00402	-.15439	-.02049	-.38312	-.00394	-.05206	-5.16410	4.37740
99.810	197.490	-.04017	-1.10060	.00325	-.15505	-.02125	-.38363	-.00325	-.05134	-5.16670	4.37490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 731/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.100	197.380	-.03800	-1.10030	.00486	-.15373	-.02282	-.38585	-.00256	-.05073	-5.16250	4.37790
200.900	97.539	-.03750	-1.09960	.00532	-.15324	-.02308	-.38604	-.00291	-.05107	-5.16130	4.38070
200.120	-2.576	-.04038	-1.09580	.00617	-.15139	-.02652	-.38721	-.00418	-.05205	-5.15300	4.38360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT548) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	2.000
Y =	100.000	JET PC =	642.000
MACH =	4.500		

RUN NO. 660/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.202	.372	-.02991	-.47670	.00056	-.06670	-.02173	-.17698	-.01092	-.03210	-4.55430	2.17810
-.080	100.390	-.03123	-.47734	-.00167	-.06883	-.02643	-.18145	-.01155	-.03270	-4.56030	2.18160
.612	200.300	-.03567	-.48225	-.00405	-.07127	-.02790	-.18308	-.01429	-.03546	-4.56870	2.18830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 661/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.470	200.310	-.03006	-.47591	-.00445	-.07156	-.01675	-.17168	-.00903	-.03017	-4.56590	2.16910
48.643	100.320	-.02713	-.47311	.00085	-.06628	-.01527	-.17025	-.00684	-.02799	-4.55120	2.16220
49.762	.391	-.03075	-.47601	.00277	-.06426	-.01468	-.16942	-.00796	-.02907	-4.54780	2.[illegible]5590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 662/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.380	.203	-.02508	-.46970	.00447	-.06246	-.00890	-.16342	-.00655	-.02763	-4.53970	2.15920
99.791	100.250	-.02458	-.46847	.00330	-.06352	-.00917	-.16344	-.00506	-.02611	-4.54160	2.15200
99.065	200.320	-.02328	-.46736	-.00216	-.06901	-.01293	-.16726	-.00456	-.02562	-4.55440	2.15040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 663/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.430	200.350	-.02161	-.46733	.00044	-.06665	-.01160	-.16648	-.00393	-.02506	-4.54860	2.14830
199.210	100.400	-.01936	-.46428	.00615	-.06082	-.00853	-.16315	-.00439	-.02549	-4.53220	2.15170
199.950	.332	-.01786	-.46289	.00677	-.06022	-.00876	-.16342	-.00478	-.02589	-4.52960	2.14790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT549) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 696/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.043	.410	-.04250	-.89554	.00131	-.12622	-.01385	-.30623	-.00695	-.04594	-4.96750	2.31200
.110	100.250	-.04014	-.89131	.00076	-.12649	-.01557	-.30732	-.00565	-.04457	-4.96420	2.31360
.052	200.390	-.03878	-.89352	.00008	-.12771	-.01790	-.31085	-.00515	-.04422	-4.96940	2.31410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 697/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.957	200.230	-.03684	-.88042	.00189	-.12424	-.01276	-.30194	-.00293	-.04151	-4.95200	2.29480
48.522	100.420	-.03860	-.89434	.00261	-.12533	-.01027	-.30356	-.00353	-.04264	-4.96320	2.30230
49.615	.298	-.04036	-.89128	.00383	-.12339	-.00812	-.29978	-.00482	-.04372	-4.95630	2.30060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 698/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.630	.351	-.03708	-.88447	.00441	-.12229	-.00946	-.29994	-.00393	-.04267	-4.94950	2.29790
98.894	100.360	-.03543	-.88257	.00301	-.12365	-.00812	-.29852	-.00279	-.04152	-4.95080	2.29680
102.580	200.280	-.03431	-.87942	.00322	-.12314	-.00953	-.29923	-.00247	-.04111	-4.94820	2.29320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 699/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.880	200.290	-.03059	-.87648	.00513	-.12134	-.01030	-.30026	-.00064	-.03932	-4.94200	2.29570
198.470	100.390	-.03311	-.87445	.00577	-.12003	-.01093	-.29937	-.00319	-.04167	-4.93630	2.28930
200.540	.326	-.03213	-.87062	.00770	-.11767	-.01201	-.29948	-.00381	-.04217	-4.92910	2.29930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT550) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 732/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.363	.460	-.04623	-1.10620	.00117	-.15708	-.01262	-.37487	-.00573	-.05380	-5.17400	2.38720
-2.175	100.360	-.04798	-1.10760	.00081	-.15739	-.01253	-.37465	-.00533	-.05339	-5.17610	2.38450
.664	200.410	-.04517	-1.10480	-.00011	-.15830	-.01605	-.37818	-.00515	-.05321	-5.17690	2.39170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 733/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.656	200.330	-.04298	-1.10530	.00076	-.15784	-.01158	-.37463	-.00342	-.05160	-5.17450	2.38080
49.683	100.390	-.04436	-1.10570	.00185	-.15660	-.01079	-.37348	-.00388	-.05201	-5.17220	2.38290
52.042	.386	-.04340	-1.10420	.00243	-.15594	-.01304	-.37556	-.00442	-.05253	-5.17120	2.38480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 734/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.221	.259	-.03903	-1.10190	.00334	-.15533	-.01445	-.37766	-.00328	-.05148	-5.16690	2.38140
100.450	100.360	-.04104	-1.10350	.00250	-.15611	-.01282	-.37589	-.00304	-.05122	-5.17040	2.37800
102.650	200.370	-.03961	-1.10300	.00248	-.15628	-.01294	-.37635	-.00292	-.05114	-5.17000	2.38120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 735/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.310	200.390	-.03788	-1.10180	.00494	-.15389	-.01410	-.37768	-.00301	-.05125	-5.16330	2.38240
201.220	100.290	-.03670	-1.10080	.00664	-.15222	-.01462	-.37826	-.00424	-.05249	-5.15880	2.38130
201.300	.300	-.03828	-1.10260	.00642	-.15247	-.01585	-.37956	-.00394	-.05220	-5.16050	2.37990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT551) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 664/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.034	.307	-.02353	-.47117	.00387	-.06351	-.02063	-.17616	-.00671	-.02793	-4.54300	2.17290
.491	100.470	-.02727	-.47431	.00276	-.06453	-.02550	-.18083	-.00926	-.03045	-4.54740	2.18470
-.256	200.370	-.02836	-.47541	.00099	-.06631	-.02883	-.18417	-.00910	-.03029	-4.55250	2.18360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 665/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.759	200.300	-.02889	-.47539	.00213	-.06508	-.02102	-.17618	-.00671	-.02788	-4.54930	2.17430
49.595	100.340	-.02646	-.47308	.00262	-.06461	-.01879	-.17399	-.00637	-.02754	-4.54650	2.17330
50.077	.271	-.02704	-.47232	.00568	-.06135	-.01793	-.17267	-.00519	-.02630	-4.53870	2.16440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 666/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.779	.214	-.02518	-.47070	.00593	-.06114	-.01374	-.16856	-.00474	-.02586	-4.53680	2.16490
99.721	100.360	-.02468	-.46935	.00402	-.06292	-.01327	-.16781	-.00467	-.02575	-4.54030	2.16240
100.520	200.380	-.02670	-.47197	.00390	-.06312	-.01421	-.16895	-.00458	-.02569	-4.54200	2.15800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 667/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.210	200.270	-.01951	-.46410	.00652	-.06041	-.00991	-.16442	-.00373	-.02481	-4.53060	2.15720
199.100	100.280	-.01784	-.46581	.00677	-.06066	-.01025	-.16590	-.00343	-.02466	-4.53260	2.15960
199.820	.254	-.01780	-.46262	.00678	-.06018	-.00974	-.16433	-.00428	-.02538	-4.52890	2.15520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT552) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 700/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.224	.473	-.04154	-.89861	.00319	-.12494	-.02045	-.31420	-.00753	-.04670	-4.96400	2.31920
-.336	100.420	-.04087	-.89348	.00280	-.12467	-.02235	-.31459	-.00593	-.04491	-4.96030	2.31640
-.219	200.440	-.04047	-.89216	.00245	-.12489	-.02219	-.31412	-.00576	-.04469	-4.95940	2.31680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 701/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.870	200.300	-.03627	-.88555	.00303	-.12395	-.01450	-.30562	-.00275	-.04158	-4.95340	2.29900
49.745	100.350	-.03791	-.89455	.00397	-.12410	-.01481	-.30841	-.00324	-.04239	-4.95970	2.30670
50.180	.318	-.03967	-.89754	.00491	-.12335	-.01330	-.30732	-.00518	-.04439	-4.95940	2.30780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 702/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.590	.350	-.03590	-.89132	.00600	-.12189	-.01036	-.30355	-.00408	-.04318	-4.95220	2.30830
98.093	100.260	-.03393	-.88871	.00494	-.12286	-.01055	-.30352	-.00273	-.04181	-4.95270	2.29970
99.886	200.430	-.03307	-.88517	.00398	-.12342	-.01045	-.30251	-.00202	-.04097	-4.95300	2.29870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 703/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.730	200.200	-.03286	-.88564	.00582	-.12168	-.01310	-.30539	-.00242	-.04140	-4.94850	2.30350
200.530	100.290	-.03108	-.88075	.00625	-.12078	-.01261	-.30385	-.00228	-.04113	-4.94210	2.30280
199.690	.289	-.03071	-.87792	.00702	-.11965	-.01342	-.30383	-.00313	-.04187	-4.93820	2.29350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT553) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 736/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.452	.433	-.04803	-1.10880	.00259	-.15578	-.01876	-.38128	-.00761	-.05572	-5.17200	2.39700
-1.173	100.360	-.04683	-1.10560	.00158	-.15649	-.02014	-.38197	-.00588	-.05390	-5.17340	2.39660
-.214	200.420	-.04541	-1.10470	.00165	-.15649	-.02149	-.38350	-.00539	-.05343	-5.17260	2.39310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 737/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.918	200.350	-.04201	-1.10400	.00280	-.15575	-.01526	-.37818	-.00317	-.05133	-5.16870	2.38610
50.130	100.260	-.04450	-1.10450	.00338	-.15487	-.01351	-.37577	-.00392	-.05199	-5.16800	2.37990
51.183	.356	-.04529	-1.10730	.00434	-.15420	-.01324	-.37616	-.00561	-.05377	-5.16800	2.38990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 738/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.110	.368	-.04265	-1.10430	.00518	-.15331	-.01437	-.37717	-.00491	-.05305	-5.16450	2.38730
100.020	100.350	-.04144	-1.10530	.00416	-.15465	-.01281	-.37635	-.00357	-.05181	-5.16790	2.38320
100.550	200.300	-.04277	-1.10320	.00313	-.15518	-.01437	-.37676	-.00290	-.05099	-5.16850	2.38480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 739/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.080	200.360	-.03963	-1.10730	.00476	-.15462	-.01729	-.38212	-.00276	-.05117	-5.16830	2.39040
200.440	100.340	-.03801	-1.10320	.00595	-.15307	-.01733	-.38132	-.00309	-.05139	-5.16210	2.39050
200.480	.131	-.03666	-1.07760	.00694	-.14848	-.01705	-.37288	-.00450	-.05173	-5.13490	2.38000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT554) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	.000
Y =	.000	JET PC =	642.000
MACH =	4.500		

RUN NO. 668/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.078	-.078	-.02953	-.47089	-.00086	-.06731	-.00661	-.16002	-.00166	-.02260	-4.55250	.14668
-1.161	99.843	-.02593	-.46728	-.00086	-.06730	.00116	-.15225	.00256	-.01838	-4.55080	.12816
-.994	199.940	-.02324	-.46258	-.00071	-.06686	-.00084	-.15357	.00205	-.01881	-4.54600	.13491
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 669/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.911	199.840	-.02409	-.46978	-.00008	-.06717	.00063	-.15425	.00178	-.01935	-4.55140	.13531
50.904	99.803	-.02613	-.47117	.00022	-.06677	.00017	-.15449	.00156	-.01954	-4.55140	.12622
51.050	-.267	-.02827	-.47657	.00078	-.06670	-.00368	-.15944	-.00157	-.02282	-4.55380	.14821
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 670/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.770	-.154	-.02598	-.46644	.00283	-.06348	-.00184	-.15495	-.00127	-.02217	-4.54000	.13498
100.640	99.867	-.02341	-.47174	.00169	-.06580	.00084	-.15494	.00145	-.01980	-4.54920	.12718
375	199.860	-.02247	-.47419	.00064	-.06735	.00130	-.15561	.00192	-.01948	-4.55460	.13343
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 671/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.990	199.840	-.01813	-.47139	.00398	-.06423	.00440	-.15303	.00074	-.02072	-4.54560	.13324
200.180	99.813	-.01892	-.47282	.00466	-.06365	.00275	-.15490	-.00100	-.02249	-4.54420	.13083
199.980	-.141	-.02135	-.47456	.00649	-.06172	.00003	-.15739	-.00266	-.02412	-4.54060	.14032
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT555) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 704/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.718	.017	-.04006	-.91369	.00177	-.12882	-.00494	-.30427	-.00372	-.04362	-4.98320	.33147
-.016	99.922	-.03821	-.91408	.00093	-.12999	-.00897	-.30906	-.00383	-.04383	-4.98610	.33393
.420	199.840	-.03303	-.90787	.00161	-.12916	-.00803	-.30778	-.00231	-.04226	-4.98020	.32875
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 705/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.362	199.780	-.03248	-.89215	.00146	-.12706	-.00628	-.30091	-.00107	-.04036	-4.96510	.31840
51.269	99.845	-.03623	-.89326	.00194	-.12619	-.00701	-.30074	-.00231	-.04148	-4.96390	.32132
51.729	-.124	-.04154	-.89615	.00192	-.12585	-.00579	-.29870	-.00111	-.04018	-4.96490	.31633
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 706/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.227	-.272	-.04563	-.89825	.00380	-.12368	-.00451	-.29675	-.00079	-.03977	-4.96100	.31547
100.960	99.801	-.03458	-.88677	.00196	-.12545	-.00361	-.29572	-.00109	-.04005	-4.95760	.31681
100.060	199.890	-.03328	-.88329	.00116	-.12593	-.00391	-.29527	-.00046	-.03932	-4.95740	.31486
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 707/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.220	199.900	-.03410	-.88049	.00457	-.12198	-.00034	-.29049	-.00108	-.03978	-4.94590	.31073
201.300	99.823	-.03513	-.88051	.00591	-.12049	-.00153	-.29133	-.00363	-.04229	-4.94170	.31782
197.180	-.235	-.04000	-.88471	.00632	-.11998	.00538	-.28420	-.00028	-.03891	-4.94280	.30335
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT556) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 740/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
1.732	.013	-.03615	-1.09580	.00060	-.15760	-.00751	-.36966	-.00178	-.04984	-5.16960	.38769
-.013	99.887	-.04637	-1.09980	.00096	-.15632	-.00817	-.36822	-.00446	-.05225	-5.16890	.39136
.984	199.780	-.03793	-1.08910	.00154	-.15540	-.01066	-.36992	-.00335	-.05104	-5.15990	.38771
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 741/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.232	400.040	-.03975	-1.09360	.00156	-.15577	-.00621	-.36639	-.00095	-.04875	-5.16320	.38372
48.383	199.960	-.03859	-1.09140	.00064	-.15653	-.00965	-.36945	-.00209	-.04984	-5.16380	.38576
48.230	99.918	-.04709	-1.10210	.00123	-.15627	-.00543	-.36599	-.00170	-.04955	-5.16940	.38385
51.063	49.958	-.05209	-1.10280	.00181	-.15506	-.00676	-.36587	-.00137	-.04903	-5.16830	.38290
51.456	-.224	-.05270	-1.10700	.00183	-.15557	-.01053	-.37084	-.00079	-.04861	-5.17100	.38021
50.055	-150.300	-.03400	-1.09040	.00296	-.15476	-.01295	-.37399	-.00252	-.05043	-5.15830	.39049
49.446	-200.090	-.03907	-1.09040	.00108	-.15588	-.01957	-.37891	-.00197	-.04966	-5.16140	.39065
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 742/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.050	-200.270	-.03422	-1.08320	.00003	-.15658	-.01819	-.37671	-.00013	-.04772	-5.15880	.39048
99.380	-150.270	-.03500	-1.08270	.00179	-.15463	-.01247	-.37055	-.00105	-.04858	-5.15370	.38152
101.060	-.226	-.05686	-1.10250	.00335	-.15276	-.00479	-.36219	.00015	-.04729	-5.16110	.37658
99.269	49.811	-.06134	-1.10450	.00198	-.15377	-.00504	-.36161	-.00071	-.04804	-5.16590	.37365
100.400	99.821	-.05540	-1.09870	.00139	-.15438	-.00229	-.35889	-.00170	-.04904	-5.16240	.38191
99.758	199.720	-.04108	-1.08310	.00175	-.15384	-.00577	-.36196	-.00185	-.04914	-5.15260	.37671
99.359	399.880	-.04370	-1.08740	.00183	-.15400	-.00510	-.36184	-.00116	-.04852	-5.15460	.37458
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 743/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.800	399.910	-.04246	-1.08630	.00453	-.15132	-.00357	-.36036	-.00207	-.04943	-5.14810	.37941
199.480	199.840	-.03999	-1.09110	.00523	-.15169	-.00225	-.36149	-.00352	-.05120	-5.15140	.37988
201.840	99.875	-.04886	-1.10860	.00395	-.15427	.00406	-.35812	-.00395	-.05202	-5.16890	.38456
200.350	49.780	-.04793	-1.10670	.00570	-.15237	.00297	-.35887	-.00312	-.05114	-5.16240	.38419
201.210	-.347	-.04256	-1.09930	.00544	-.15233	-.00661	-.36777	-.00253	-.05046	-5.15770	.38741
199.940	-150.370	-.03485	-1.08790	.00058	-.15664	-.01486	-.37477	.00118	-.04659	-5.16230	.38123
199.690	-200.320	-.03420	-1.08490	-.00010	-.15697	-.01440	-.37351	.00017	-.04749	-5.16090	.38092
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT557) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 672/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.401	-.129	-.03132	-.46993	-.00123	-.06727	-.01149	-.16398	-.00898	-.02980	-4.55130	.16204
-.972	99.855	-.02348	-.46024	.00017	-.06559	.00231	-.14955	.00393	-.01681	-4.54120	.11664
-.258	199.840	-.02456	-.46029	-.00187	-.06749	.00161	-.14990	.00427	-.01642	-4.54610	.11760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 673/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.515	199.810	-.02255	-.45774	-.00111	-.06664	.00080	-.15053	.00407	-.01659	-4.54260	.11367
50.245	99.865	-.02143	-.45604	.00061	-.06484	.00090	-.15023	.00391	-.01674	-4.53730	.11550
49.754	-.199	-.02882	-.47557	.00306	-.06418	-.00473	-.15997	-.00657	-.02775	-4.54760	.15206
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 674/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.130	-.164	-.02603	-.47716	.00491	-.06299	.00054	-.15618	-.00479	-.02616	-4.54550	.14489
100.270	99.904	-.01983	-.47199	.00164	-.06641	.00010	-.15697	.00330	-.01811	-4.55110	.12429
99.326	199.740	-.02156	-.47273	.00097	-.06694	.00153	-.15519	.00398	-.01739	-4.55280	.12433
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 675/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.510	199.820	-.01800	-.46966	.00496	-.06302	.00238	-.15452	.00083	-.02057	-4.54070	.13033
200.830	99.872	-.01835	-.46933	.00497	-.06290	-.00065	-.15731	-.00045	-.02182	-4.54050	.13260
199.550	-.189	-.01801	-.46829	.00611	-.06166	-.00061	-.15704	-.00256	-.02390	-4.53690	.14284
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT558) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 708/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.013	.010	-.04168	-.89418	.00163	-.12583	-.00232	-.29452	-.00450	-.04347	-4.96290	.29051
-.599	99.824	-.04326	-.89470	.00051	-.12679	-.00489	-.29674	-.00445	-.04338	-4.96560	.29033
1.878	199.810	-.03708	-.88665	.00018	-.12684	-.00907	-.30029	-.00261	-.04145	-4.96110	.29293
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 709/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.275	199.770	-.03546	-.88093	.00123	-.12518	-.00726	-.29709	-.00021	-.03887	-4.95320	.27862
47.947	99.831	-.04080	-.88445	.00117	-.12497	-.00344	-.29265	-.00353	-.04211	-4.95550	.29069
49.855	-.240	-.03984	-.89084	.00293	-.12431	-.00143	-.29312	-.00380	-.04271	-4.95770	.28274
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 710/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.509	-.193	-.02858	-.88969	.00706	-.12167	-.00400	-.29911	-.00155	-.04090	-4.95020	.28558
100.290	99.959	-.03343	-.89621	.00393	-.12506	-.00534	-.30102	-.00218	-.04161	-4.96220	.28555
99.952	199.870	-.03437	-.89386	.00268	-.12581	-.00664	-.30120	.00018	-.03910	-4.96290	.27913
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 711/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.470	199.880	-.03294	-.89675	.00566	-.12348	-.00481	-.30083	-.00180	-.04127	-4.95930	.28310
199.770	99.846	-.03325	-.89280	.00682	-.12168	-.00409	-.29867	-.00309	-.04238	-4.95220	.29246
198.560	-.173	-.02910	-.88863	.00817	-.12034	-.00643	-.30101	-.00160	-.04088	-4.94620	.28366
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT559) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 744/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.970	399.970	-.03781	-1.09510	.00139	-.15646	-.01036	-.37170	-.00112	-.04908	-5.16690	.37920
-.877	199.840	-.04249	-1.09910	.00063	-.15712	-.01022	-.37133	-.00383	-.05176	-5.16930	.39199
.925	99.877	-.04588	-1.10180	.00063	-.15701	-.00541	-.36629	-.00456	-.05246	-5.17080	.38350
.831	49.715	-.04415	-1.09690	.00141	-.15576	-.00615	-.36595	-.00447	-.05222	-5.16600	.38474
.628	-.310	-.03778	-1.09820	.00343	-.15488	-.00744	-.36983	-.00268	-.05077	-5.16380	.38677
-1.515	-150.270	-.03886	-1.10560	.00437	-.15488	-.00892	-.37344	-.00533	-.05370	-5.16780	.39708
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 745/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.550	399.970	-.03745	-1.08530	.00219	-.15425	-.00846	-.36660	-.00046	-.04800	-5.15310	.37649
49.936	199.850	-.03778	-1.08180	.00269	-.15319	-.00938	-.36623	-.00119	-.04856	-5.15010	.37837
51.362	99.687	-.04010	-1.08380	.00339	-.15243	-.00685	-.36360	-.00202	-.04938	-5.14840	.37815
48.803	49.790	-.03286	-1.07440	.00602	-.14948	-.00323	-.35923	-.00010	-.04736	-5.13600	.36805
47.415	-.231	-.03230	-1.07940	.00649	-.14985	-.00742	-.36533	-.00222	-.04972	-5.13980	.38050
49.201	-150.280	-.03806	-1.08860	.00584	-.15102	-.00927	-.36834	-.00476	-.05241	-5.14760	.38966
51.298	-200.200	-.03749	-1.09050	.00286	-.15436	-.01178	-.37168	-.00576	-.05352	-5.15700	.39356
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 746/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.020	-200.340	-.03524	-1.08660	.00230	-.15467	-.01259	-.37193	-.00544	-.05313	-5.15560	.39281
98.800	-150.290	-.03669	-1.08780	.00613	-.15080	-.01217	-.37142	-.00495	-.05264	-5.14680	.39431
97.624	-.371	-.03233	-1.08540	.00645	-.15078	-.00798	-.36790	-.00124	-.04901	-5.14620	.38070
100.960	49.622	-.03588	-1.08650	.00592	-.15094	-.00451	-.36361	-.00114	-.04880	-5.14650	.37988
100.650	99.795	-.04183	-1.09120	.00483	-.15185	-.00303	-.36170	-.00087	-.04848	-5.15170	.37764
99.909	199.760	-.03987	-1.08790	.00333	-.15314	-.00801	-.36622	-.00170	-.04925	-5.15410	.38197
101.340	399.900	-.03942	-1.08660	.00333	-.15301	-.00743	-.36535	-.00007	-.04758	-5.15250	.37668
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT559) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 747/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.210	399.830	-.03783	-1.08430	.00522	-.15102	-.00826	-.36593	-.00121	-.04868	-5.14600	.37835
201.290	199.710	-.03913	-1.08460	.00612	-.14996	-.00802	-.36535	-.00457	-.05200	-5.14250	.38791
199.970	99.873	-.03742	-1.08140	.00696	-.14891	-.00802	-.36486	-.00434	-.05171	-5.13820	.38028
199.960	49.750	-.03543	-1.07630	.00728	-.14812	-.00927	-.36504	-.00281	-.05004	-5.13480	.38323
199.200	-.108	-.03643	-1.07780	.00658	-.14891	-.00918	-.36516	-.00130	-.04855	-5.13600	.37539
199.670	-150.480	-.03353	-1.07500	.00201	-.15349	-.01334	-.36934	-.00144	-.04870	-5.14550	.38065
200.450	-200.300	-.03461	-1.07360	.00126	-.15387	-.01411	-.36927	-.00379	-.05095	-5.14580	.38502
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT560) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 676/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.303	-.146	-.02624	-.47395	.00075	-.06664	-.01241	-.16796	-.00779	-.02901	-4.55270	.16479
.092	99.931	-.02943	-.47721	-.00100	-.06840	-.01556	-.17114	-.00797	-.02919	-4.55870	.17080
.710	199.880	-.03444	-.48132	-.00506	-.07233	-.01764	-.17293	-.01137	-.03256	-4.57090	.18278
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 677/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.424	199.770	-.02525	-.47189	-.00321	-.07045	-.01171	-.16691	-.00603	-.02720	-4.56080	.16249
48.344	99.821	-.02705	-.47306	.00107	-.06607	-.00780	-.16279	-.00474	-.02589	-4.55040	.15241
49.647	-.106	-.02828	-.47434	.00325	-.06390	-.00736	-.16237	-.00531	-.02646	-4.54580	.15848
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT560) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 678/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.230	-.278	-.02119	-.46678	.00487	-.06220	-.00212	-.15696	-.00477	-.02589	-4.53680	.15116
100.370	99.879	-.02095	-.47623	.00368	-.06483	-.00129	-.15941	-.00377	-.02532	-4.54920	.14831
99.048	199.780	-.02062	-.47112	-.00026	-.06806	-.00612	-.16262	-.00132	-.02266	-4.55410	.14050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 679/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.750	199.790	-.01953	-.47239	.00225	-.06590	-.00547	-.16277	-.00107	-.02251	-4.54980	.14683
198.850	99.890	-.01547	-.46779	.00652	-.06155	-.00204	-.15916	-.00354	-.02497	-4.53590	.15204
199.880	-.238	-.01399	-.46567	.00710	-.06088	-.00228	-.15918	-.00372	-.02511	-4.53290	.14750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT561) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 712/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.423	.005	-.04081	-.89546	.00243	-.12535	-.00533	-.29826	-.00512	-.04419	-4.96270	.29859
-.600	99.853	-.04049	-.89518	.00160	-.12619	-.00830	-.30124	-.00363	[illegible]	-4.96460	.30182
-.172	199.800	-.03909	-.89335	.00137	-.12635	-.01191	-.30471	-.00294	-.04199	-4.96340	.30075
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 713/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	199.770	-.03545	-.89103	.00408	-.12384	-.00445	-.29769	-.00206	-.04117	-4.95690	.28544
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.809	-.103	-.03703	-.89089	.00513	-.12253	-.00197	-.29463	-.00428	-.04332	-4.95290	.29184
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT561) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 714/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.940	-.209	-.03315	-.88977	.00598	-.12209	-.00352	-.29712	-.00325	-.04240	-4.95060	.29438
98.538	99.845	-.03534	-.89896	.00455	-.12455	-.00369	-.29964	-.00224	-.04170	-4.96410	.29347
101.730	199.930	-.03456	-.89365	.00380	-.12463	-.00584	-.30027	-.00046	-.03972	-4.96050	.28522
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 715/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.220	199.900	-.03298	-.88865	.00612	-.12180	-.00720	-.30047	.00006	-.03905	-4.94970	.28655
199.040	99.866	-.03180	-.88641	.00705	-.12072	-.00717	-.30009	-.00227	-.04133	-4.94600	.28917
200.730	-.177	-.03100	-.88445	.00848	-.11912	-.00729	-.29982	-.00273	-.04174	-4.94060	.29320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT562) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 877/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.983	-.169	-.04288	-1.10430	.00270	-.15577	-.00647	-.36922	-.00525	-.05339	-5.16790	.40729
-1.822	99.745	-.04371	-1.10480	.00173	-.15668	-.00701	-.36964	-.00380	-.05192	-5.17110	.40396
-.457	199.780	-.04213	-1.10370	.00097	-.15751	-.01115	-.37394	-.00301	-.05115	-5.17190	.40661
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 878/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.650	199.800	-.04071	-1.10200	.00228	-.15617	-.00777	-.37046	-.00212	-.05026	-5.16780	.40331
50.707	99.783	-.03995	-1.10170	.00333	-.15518	-.00636	-.36921	-.00332	-.05147	-5.16510	.40065
52.663	-.434	-.04004	-1.10180	.00414	-.15438	-.00798	-.37084	-.00438	-.05253	-5.16320	.40467
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT562) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 879/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.031	-.258	-.03804	-1.09890	.00547	-.15291	-.01008	-.37263	-.00298	-.05109	-5.15830	.40566
99.543	99.802	-.03932	-1.10060	.00408	-.15436	-.00896	-.37164	-.00264	-.05077	-5.16270	.40071
100.020	199.750	-.03767	-1.09930	.00389	-.15461	-.00920	-.37201	-.00216	-.05030	-5.16250	.40139
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 880/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.340	199.740	-.03648	-1.09870	.00622	-.15235	-.01168	-.37467	-.00172	-.04989	-5.15620	.40705
200.650	99.670	-.03427	-1.09720	.00820	-.15049	-.01089	-.37415	-.00302	-.05122	-5.15040	.40350
202.100	-.291	-.03558	-1.09780	.00775	-.15082	-.01205	-.37504	-.00277	-.05094	-5.15210	.40365
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT563) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 680/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.126	-4.074	-.02713	-.47682	-.00128	-.06896	.00165	-.15458	-.00088	-.02219	-4.56010	-1.84380
.592	95.793	-.02860	-.47797	-.00104	-.06867	.00658	-.14954	.00360	-.01769	-4.56030	-1.86110
-.992	195.770	-.02677	-.47614	-.00128	-.06892	.00362	-.15250	.00324	-.01806	-4.55970	-1.85790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 681/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.957	195.810	-.02757	-.47598	-.00001	-.06751	.00611	-.14969	.00296	-.01830	-4.55610	-1.86600
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.018	-4.144	-.02526	-.47353	.00146	-.06601	.00388	-.15187	-.00139	-.02263	-4.55080	-1.84310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT563) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 682/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.710	-4.179	-.02418	-.47132	.00341	-.06390	.00418	-.15119	-.00048	-.02168	-4.54440	-1.84770
98.637	95.907	-.02505	-.47226	.00195	-.06537	.00535	-.15004	.00248	-.01872	-4.54840	-1.86300
98.984	195.930	-.02491	-.47156	.00096	-.06627	.00569	-.14951	.00310	-.01799	-4.55020	-1.86530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 683/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.650	195.760	-.01968	-.46545	.00463	-.06247	.00743	-.14747	.00284	-.01830	-4.53700	-1.85800
200.030	95.916	-.01892	-.46470	.00555	-.06155	.00585	-.14906	.00040	-.02074	-4.53420	-1.86010
199.890	-4.194	-.01735	-.46328	.00693	-.06019	.00414	-.15082	-.00131	-.02245	-4.52970	-1.84620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT564) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 716/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.597	-4.055	-.03565	-.88164	.00195	-.12454	.00039	-.28961	-.00467	-.04336	-4.95290	-1.67870
.193	95.828	-.03920	-.89555	.00057	-.12746	-.00339	-.29690	-.00416	-.04330	-4.96820	-1.67510
.359	195.850	-.03600	-.90358	.00159	-.12810	-.00419	-.30149	-.00157	-.04121	-4.97490	-1.68210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 717/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
52.963	195.750	-.03788	-.89306	.00180	-.12606	-.00258	-.29569	-.00044	-.03953	-4.96370	-1.68920
49.697	95.827	-.04119	-.88606	.00192	-.12441	-.00346	-.29308	-.00212	-.04076	-4.95500	-1.68310
50.074	-4.160	-.03281	-.88917	.00430	-.12373	.00482	-.28869	-.00195	-.04109	-4.95520	-1.68880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT564) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 718/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.070	-4.108	-.04139	-.89013	.00494	-.12196	.00512	-.28582	-.00032	-.03913	-4.95060	-1.69160
102.230	95.869	-.03758	-.89706	.00330	-.12519	-.00062	-.29519	.00019	-.03909	-4.96340	-1.68610
98.708	195.890	-.03894	-.89435	.00184	-.12605	-.00133	-.29452	.00074	-.03836	-4.96410	-1.68680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 719/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.550	195.900	-.03673	-.90263	.00524	-.12421	.00144	-.29530	.00031	-.03925	-4.96450	-1.69210
199.440	95.895	-.03610	-.89696	.00652	-.12217	.00038	-.29464	-.00201	-.04135	-4.95650	-1.68190
198.510	-4.052	-.03567	-.89679	.00697	-.12177	.00551	-.28961	.00126	-.03809	-4.95460	-1.69140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT565) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 865/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.591	-4.166	-.03738	-1.08670	.00181	-.15484	-.00405	-.36269	-.00187	-.04947	-5.15490	-1.56220
.132	95.840	-.04287	-1.08810	.00199	-.15407	-.00411	-.36139	-.00516	-.05259	-5.15410	-1.55150
1.899	195.700	-.03919	-1.08350	.00182	-.15409	-.00756	-.36450	-.00280	-.05018	-5.15120	-1.55560
	GRADIENT	.00000	.00000	.(0000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 866/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.418	195.680	-.04056	-1.08380	.00198	-.15379	-.00633	-.36293	-.00182	-.04916	-5.15160	-1.56080
47.456	-4.223	-.03788	-1.08130	.00418	-.15161	-.00293	-.35960	-.00102	-.04837	-5.14430	-1.56720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT565) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 867/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.090	-4.117	-.05011	-1.10570	.00375	-.15385	.00328	-.35750	.00104	-.04684	-5.16660	-1.57210
97.992	95.818	-.04673	-1.10300	.00309	-.15461	.00095	-.36004	-.00114	-.04905	-5.16620	-1.56950
102.450	195.620	-.04234	-1.09870	.00233	-.15538	-.00570	-.36674	-.00016	-.04808	-5.16520	-1.56550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 868/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.500	195.780	-.04105	-1.09870	.00505	-.15286	-.00203	-.36350	-.00108	-.04905	-5.15810	-1.56900
201.970	95.824	-.04344	-1.10070	.00488	-.15296	-.00027	-.36159	-.00203	-.04999	-5.16010	-1.56280
200.650	-4.307	-.03950	-1.09590	.00664	-.15107	-.00278	-.36380	-.00073	-.04864	-5.15320	-1.56280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT566) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 684/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.049	-4.109	-.02896	-.47217	-.00044	-.06717	-.00260	-.15664	-.00634	-.02736	-4.55290	-1.85790
-.893	95.856	-.02313	-.46664	-.00020	-.06696	.00827	-.14587	.00472	-.01632	-4.54870	-1.89390
.604	195.850	-.02566	-.46901	-.00170	-.06844	.00813	-.14596	.00532	-.01571	-4.55410	-1.89690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 685/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.894	195.840	-.02692	-.46952	-.00001	-.06665	.00696	-.14688	.00523	-.01576	-4.54970	-1.89620
50.035	95.854	-.02362	-.46654	.00091	-.06577	.00639	-.14755	.00504	-.01597	-4.54560	-1.89360
49.577	-4.103	-.02509	-.46730	.00349	-.06308	.00324	-.15047	-.00567	-.02665	-4.53940	-1.86630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT566) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 686/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.060	-4.261	-.02082	-.46211	.00598	-.06046	.00767	-.14573	-.00382	-.02476	-4.52990	-1.87650
99.994	95.778	-.02353	-.46499	.00243	-.06403	.00452	-.14894	.00407	-.01688	-4.54060	-1.89170
99.193	195.800	-.02510	-.46603	.00175	-.06464	.00685	-.14642	.00501	-.01591	-4.54270	-1.89780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 687/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.860	195.710	-.02073	-.47124	.00602	-.06179	.00648	-.15003	.00287	-.01847	-4.53880	-1.88830
200.860	95.790	-.01882	-.46946	.00628	-.06155	.00428	-.15227	.00085	-.02049	-4.53730	-1.88280
199.090	-4.235	-.01598	-.46710	.00707	-.06082	.00332	-.15339	-.00095	-.02231	-4.53380	-1.87570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT567) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 720/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.299	-3.975	-.03556	-.89965	.00209	-.12708	.00288	-.29323	-.00385	-.04333	-4.97120	-1.68710
-.220	95.903	-.03969	-.90483	.00098	-.12835	.00123	-.29524	-.00303	-.04255	-4.97650	-1.68800
1.525	195.840	-.03869	-.90484	.00049	-.12900	-.00452	-.30133	-.00186	-.04144	-4.97790	-1.68650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 721/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
52.167	195.900	-.03734	-.90534	.00196	-.12780	-.00294	-.30038	.00062	-.03903	-4.97480	-1.69210
							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48.825	-4.180	-.03646	-.90499	.00395	-.12589	.00261	-.29500	-.00353	-.04320	-4.97050	-1.68820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT567) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 722/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.141	-4.197	-.03077	-.90075	.00780	-.12226	-.00010	-.29821	-.00056	-.04030	-4.95840	-1.69040
99.300	95.959	-.03376	-.90396	.00465	-.12543	-.00170	-.29888	-.00153	-.04127	-4.96870	-1.68960
100.410	195.840	-.03610	-.90673	.00368	-.12647	-.00213	-.30045	.00089	-.03887	-4.97330	-1.69220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 723/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.510	195.790	-.03322	-.89514	.00640	-.12261	-.00148	-.29720	-.00081	-.04024	-4.95680	-1.69280
200.400	95.857	-.03211	-.89577	.00763	-.12149	-.00118	-.29716	-.00204	-.04150	-4.95340	-1.68810
201.840	-4.204	-.02769	-.89146	.00907	-.12006	-.00204	-.29804	-.00076	-.04022	-4.94760	-1.69070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT568) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 869/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.075	-4.210	-.03929	-1.09720	.00226	-.15568	-.00095	-.36252	-.00373	-.05172	-5.16440	-1.61810
-1.185	95.773	-.04467	-1.10220	.00062	-.15726	.00001	-.36141	-.00336	-.05133	-5.17170	-1.62150
.522	195.750	-.04482	-1.10260	-.00054	-.15846	-.00541	-.36693	-.00318	-.05116	-5.17470	-1.61950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 870/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.454	195.630	-.03891	-1.09680	.00304	-.15490	-.00664	-.36818	-.00150	-.04948	-5.16270	-1.62450
50.076	95.927	-.04050	-1.09970	.00235	-.15578	-.00446	-.36646	-.00394	-.05198	-5.16560	-1.61470
50.137	-4.222	-.03536	-1.09400	.00609	-.15196	-.00332	-.36511	-.00226	-.05028	-5.15310	-1.62340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT568) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	-2.000
Y =	50.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 871/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.169	-4.231	-.03288	-1.09100	.00830	-.14966	-.00285	-.36446	-.00098	-.04897	-5.14610	-1.62550
97.672	95.785	-.03745	-1.09690	.00503	-.15313	-.00307	-.36513	-.00112	-.04916	-5.15760	-1.62470
99.289	195.790	-.03368	-1.09950	.00386	-.15436	-.00665	-.36883	-.00095	-.04901	-5.16170	-1.62410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 872/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.580	195.690	-.03798	-1.09670	.00639	-.15167	-.00437	-.36618	-.00185	-.04986	-5.15440	-1.62350
199.880	95.788	-.03435	-1.09250	.00876	-.14922	-.00049	-.36212	-.00210	-.05009	-5.14680	-1.62560
199.960	-4.212	-.03416	-1.09440	.00818	-.15010	-.00542	-.36775	-.00012	-.04820	-5.14800	-1.62720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT569) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	.000	BETA =	.000
ALPHAB =	-4.000	BETAB =	-2.000
Y =	100.000	JET PC =	642.000
MACH =	4.500		

RUN NO. 688/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.081	-4.133	-.02604	-.47475	.00190	-.06564	-.00396	-.15986	-.00569	-.02695	-4.55080	-1.84510
.139	95.924	-.02884	-.47721	-.00055	-.06804	-.00665	-.16244	-.00568	-.02693	-4.55810	-1.83830
.404	195.780	-.03019	-.47863	-.00351	-.07100	-.00970	-.16550	-.01163	-.03288	-4.56630	-1.82670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 689/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.881	95.924	-.02362	-.47398	.00121	-.06657	.00080	-.15566	-.00381	-.02515	-4.55220	-1.85320
49.483	-4.241	-.02549	-.47295	.00329	-.06407	-.00054	-.15601	-.00417	-.02538	-4.54600	-1.84720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT569) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 690/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.490	-4.284	-.01677	-.46548	.00553	-.06201	.00436	-.15154	-.00381	-.02508	-4.53560	-1.85830
99.847	95.908	-.01745	-.46566	.00400	-.06346	.00486	-.15087	-.00349	-.02473	-4.53950	-1.85630
98.944	195.890	-.02042	-.46784	.00065	-.06670	.00077	-.15469	.00084	-.02037	-4.54890	-1.86490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 691/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.060	195.840	-.01993	-.46676	.00305	-.06421	.00025	-.15501	-.00054	-.02172	-4.54180	-1.86620
199.580	95.901	-.01301	-.45896	.00730	-.05982	.00427	-.15069	-.00312	-.02426	-4.52630	-1.85620
199.800	-4.224	-.01193	-.45640	.00826	-.05865	.00428	-.15018	-.00282	-.02389	-4.52200	-1.86080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT570) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 724/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.432	-4.031	-.03682	-.90205	.00295	-.12639	-.00024	-.29674	-.00341	-.04294	-4.97060	-1.68240
-.458	95.819	-.03834	-.90472	.00271	-.12681	-.00201	-.29891	-.00257	-.04215	-4.97220	-1.68160
-.062	195.760	-.03738	-.90363	.00270	-.12679	-.00607	-.30292	-.00150	-.04107	-4.97190	-1.68130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 725/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.871	195.800	-.03168	-.89778	.00513	-.12434	.00088	-.29591	-.00109	-.04065	-4.96330	-1.68410
48.230	95.844	-.03365	-.90126	.00490	-.12480	.00020	-.29711	-.00156	-.04119	-4.96500	-1.68230
51.352	-4.217	-.03197	-.90020	.00578	-.12401	.00144	-.29608	-.00309	-.04276	-4.96240	-1.68390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT570) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 726/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.750	-4.183	-.03166	-.90052	.00625	-.12363	-.00148	-.29921	-.00241	-.04210	-4.96120	-1.67850
97.783	95.865	-.03217	-.90079	.00563	-.12422	-.00016	-.29781	-.00132	-.04100	-4.96330	-1.68390
103.320	195.820	-.03479	-.90358	.00446	-.12541	-.00178	-.29948	.00034	-.03935	-4.96830	-1.68690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 727/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.070	195.860	-.03377	-.90268	.00680	-.12309	-.00317	-.30091	.00036	-.03933	-4.96260	-1.68730
199.600	95.800	-.03042	-.88770	.00779	-.12038	-.00334	-.29715	-.00146	-.04063	-4.94730	-1.68650
200.620	-4.169	-.03002	-.89603	.00894	-.12053	-.00331	-.30007	-.00123	-.04080	-4.95180	-1.68100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT571) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 873/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
1.080	-4.132	-.03867	-1.09840	.00337	-.15484	-.00283	-.36499	-.00435	-.05241	-5.16270	-1.60800
-2.688	95.805	-.04018	-1.10100	.00243	-.15595	-.00242	-.36496	-.00285	-.05096	-5.16630	-1.60560
.193	195.760	-.03964	-1.10070	.00238	-.15603	-.00513	-.36774	-.00157	-.04970	-5.16630	-1.60690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 874/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
52.611	195.790	-.03781	-1.09740	.00377	-.15442	-.00326	-.36538	-.00129	-.04934	-5.16140	-1.62070
50.155	95.816	-.03688	-1.09740	.00429	-.15405	-.00270	-.36515	-.00259	-.05069	-5.15990	-1.60930
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT571) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 875/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.225	-4.377	-.03618	-1.09720	.00645	-.15195	-.00654	-.36915	-.00212	-.05023	-5.15430	-1.61090
100.460	95.879	-.03670	-1.09820	.00499	-.15348	-.00531	-.36806	-.00192	-.05006	-5.15870	-1.61540
100.920	195.710	-.03733	-1.09710	.00470	-.15351	-.00525	-.36742	-.00113	-.04919	-5.15970	-1.61100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 876/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.350	195.690	-.03676	-1.09870	.00719	-.15134	-.00689	-.36979	-.00131	-.04947	-5.15370	-1.61570
199.700	95.736	-.03418	-1.09600	.00918	-.14935	-.00589	-.36878	-.00233	-.05049	-5.14660	-1.61730
198.730	-4.246	-.03474	-1.09600	.00859	-.14985	-.00709	-.36978	-.00186	-.04999	-5.14890	-1.60760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT572) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 780/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.948	-2.550	-.03496	-.48907	.00399	-.06435	-.02810	-.18583	-.00276	-.02426	-8.55460	4.14580
99.506	97.652	-.03442	-.48879	.00464	-.06374	-.02718	-.18500	-.00216	-.02367	-8.55300	4.14530
99.684	197.430	-.03308	-.48795	.00396	-.06449	-.02828	-.18627	-.00153	-.02307	-8.55420	4.14130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 781/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.580	197.410	-.03216	-.48719	.00460	-.06388	-.02260	-.18064	-.00051	-.02205	-8.55200	4.13260
149.740	97.493	-.03166	-.48661	.00476	-.06371	-.02236	-.18038	-.00081	-.02236	-8.55120	4.13320
149.890	-2.583	-.03361	-.48885	.00556	-.06295	-.02279	-.18090	-.00128	-.02283	-8.55080	4.13650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT572) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 782/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.610	-2.588	-.03136	-.48670	.00639	-.06214	-.01812	-.17627	-.00134	-.02290	-8.54750	4.13970
199.570	97.553	-.03082	-.48546	.00592	-.06249	-.01857	-.17647	-.00050	-.02202	-8.54790	4.13440
200.410	197.520	-.03060	-.48615	.00586	-.06269	-.01861	-.17683	-.00004	-.02160	-8.54860	4.13020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT573) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 810/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.925	-2.477	-.04123	-.89881	.00332	-.12489	-.01973	-.31365	-.00248	-.04167	-8.96240	4.28240
98.136	97.497	-.04199	-.89968	.00325	-.12498	-.02120	-.31517	-.00081	-.04001	-8.96210	4.28200
99.173	197.500	-.04124	-.89776	.00346	-.12460	-.02139	-.31495	-.00044	-.03959	-8.96130	4.27790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 811/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.550	197.490	-.03853	-.89681	.00373	-.12459	-.01744	-.31160	-.00021	-.03944	-8.95980	4.27950
149.620	97.554	-.03924	-.89729	.00375	-.12453	-.01706	-.31114	-.00079	-.04000	-8.96000	4.28230
150.370	-2.557	-.03907	-.89740	.00465	-.12367	-.01668	-.31086	-.00235	-.04158	-8.95830	4.28150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 812/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.230	-2.609	-.03791	-.89745	.00581	-.12270	-.01752	-.31211	-.00239	-.04168	-8.95550	4.27760
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.960	197.500	-.03792	-.89822	.00436	-.12426	-.01708	-.31193	-.00057	-.03988	-8.95970	4.27760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT574) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 4.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 837/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.981	-2.433	-.04567	-1.10090	.00275	-.15480	-.02075	-.38140	-.00297	-.05084	-9.16340	4.35300
98.400	97.488	-.04569	-1.10110	.00213	-.15544	-.02007	-.38078	-.00155	-.04942	-9.16510	4.35530
98.599	197.500	-.04533	-1.10090	.00232	-.15528	-.02076	-.38152	-.00087	-.04875	-9.16410	4.35220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 838/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.160	197.520	-.04332	-1.09930	.00280	-.15485	-.01849	-.37938	-.00089	-.04879	-9.16220	4.35080
150.190	97.603	-.04445	-1.09990	.00325	-.15432	-.01878	-.37950	-.00171	-.04959	-9.16160	4.35310
151.760	-2.560	-.04377	-1.10010	.00403	-.15368	-.01963	-.38064	-.00316	-.05107	-9.15980	4.35940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 839/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.240	-2.549	-.04258	-1.09880	.00513	-.15257	-.02025	-.38124	-.00344	-.05135	-9.15680	4.35750
200.060	97.448	-.04344	-1.09950	.00427	-.15339	-.01930	-.38023	-.00206	-.04996	-9.15900	4.35300
198.900	197.520	-.04306	-1.09950	.00352	-.15421	-.01918	-.38024	-.00123	-.04915	-9.16080	4.35400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT575) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 786/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.403	.351	-.03436	-.49438	.00208	-.06714	-.01221	-.17193	-.00160	-.02336	-8.56580	2.16100
100.650	100.460	-.03632	-.49749	.00243	-.06696	-.01253	-.17264	-.00029	-.02210	-8.56640	2.15450
98.914	200.210	-.03098	-.49201	.00127	-.06809	-.01257	-.17263	.00086	-.02094	-8.56580	2.15640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT575) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 787/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.080	200.290	-.03078	-.49192	.00160	-.06779	-.01019	-.17029	.00049	-.02132	-8.56490	2.15560
149.830	100.360	-.03032	-.49164	.00357	-.06584	-.00574	-.16590	-.00033	-.02215	-8.56020	2.15460
149.500	.275	-.03105	-.49253	.00455	-.06488	-.00574	-.16596	-.00107	-.02289	-8.55830	2.15490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 788/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.590	.305	-.02756	-.48931	.00616	-.06332	-.00463	-.16494	-.00174	-.02357	-8.55250	2.15590
199.620	100.380	-.02750	-.48890	.00490	-.06452	-.00446	-.16465	-.00114	-.02296	-8.55560	2.15420
200.640	200.270	-.02889	-.49033	.00250	-.06693	-.01033	-.17053	-.00018	-.02200	-8.56220	2.15770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT576) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 813/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.018	.293	-.04155	-.90356	.00312	-.12575	-.00871	-.30413	-.00191	-.04130	-8.96740	2.32960
99.277	100.380	-.04322	-.90614	.00238	-.12663	-.00826	-.30399	-.00067	-.04011	-8.97120	2.32140
101.450	200.280	-.04145	-.90462	.00179	-.12725	-.00901	-.30482	-.00105	-.04049	-8.97160	2.32460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 814/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.360	200.370	-.03887	-.90183	.00228	-.12673	-.01007	-.30581	-.00051	-.03994	-8.96940	2.32260
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
150.070	.301	-.03801	-.90242	.00419	-.12503	-.00992	-.30614	-.00195	-.04145	-8.96530	2.32510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT576) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 815/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.860	.149	-.03898	-.90375	.00500	-.12428	-.01042	-.30678	-.00241	-.04193	-8.96360	2.32650
200.520	100.420	-.03740	-.90157	.00467	-.12452	-.00798	-.30413	-.00169	-.04118	-8.96420	2.32140
200.100	200.330	-.03782	-.90363	.00306	-.12638	-.00942	-.30613	-.00090	-.04046	-8.96830	2.32040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT577) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 840/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.289	.360	-.04243	-1.10380	.00247	-.15598	-.01294	-.37567	-.00276	-.05089	-9.16760	2.41050
99.230	100.440	-.04246	-1.10350	.00325	-.15516	-.01245	-.37505	-.00162	-.04974	-9.16600	2.40720
101.230	200.340	-.04385	-1.10500	.00159	-.15683	-.01176	-.37439	-.00150	-.04962	-9.17070	2.40300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 841/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.420	200.210	-.04225	-1.10290	.00245	-.15590	-.01227	-.37474	-.00154	-.04964	-9.16770	2.40360
148.980	100.330	-.03996	-1.09690	.00428	-.15352	-.01224	-.37346	-.00203	-.04997	-9.15830	2.40180
151.140	.384	-.04096	-1.09940	.00289	-.15513	-.01358	-.37531	-.00324	-.05124	-9.16330	2.41140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 842/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.840	.198	-.04253	-1.10110	.00319	-.15485	-.01391	-.37569	-.00317	-.05119	-9.16370	2.40990
201.020	100.360	-.04144	-1.10010	.00475	-.15330	-.01213	-.37392	-.00266	-.05068	-9.15920	2.40550
200.350	200.420	-.04197	-1.10010	.00337	-.15461	-.01126	-.37288	-.00251	-.05050	-9.16320	2.40460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT578) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 789/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.050	.308	-.03159	-.49482	.00310	-.0666[illegible]	-.01680	-.17761	-.00103	-.02293	-8.56380	2.19160
99.372	100.410	-.03352	-.49596	.00356	-.06602	-.01641	-.17695	-.00049	-.02236	-8.56340	2.18800
99.912	200.410	-.03235	-.49565	.00278	-.06692	-.01575	-.17658	.00024	-.02167	-8.56550	2.18920
	GRADIENT	.0000C	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 790/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.590	200.290	-.02939	-.49238	.00431	-.06535	-.01046	-.17119	.00085	-.02104	-8.55970	2.18020
149.540	100.330	-.02955	-.49247	.00445	-.06519	-.01109	-.17180	.00024	-.02164	-8.55900	2.18380
149.860	.281	-.03047	-.49362	.00539	-.06429	-.01087	-.17165	-.00051	-.02240	-8.55780	2.18420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 791/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.040	.274	-.02771	-.49134	.00666	-.06309	-.00780	-.16874	-.00084	-.02276	-8.55330	2.18450
199.800	100.400	-.02714	-.49071	.00594	-.06381	-.00832	-.16924	-.00021	-.02213	-8.55480	2.18490
199.920	200.270	-.02692	-.49010	.00559	-.06410	-.00826	-.16904	.00052	-.02138	-8.55570	2.18130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT579) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 816/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.032	.322	-.04188	-.90934	.00362	-.12606	-.00983	-.30709	-.00201	-.04164	-8.97150	2.36040
99.746	200.200	-.04110	-.90866	.00274	-.12696	-.01278	-.31008	.00060	-.03904	-8.97400	2.35280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT579) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 817/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.560	200.270	-.03997	-.90791	.00299	-.12676	-.01104	-.30846	-.00029	-.03994	-8.97280	2.35390
149.350	100.370	-.04241	-.90750	.00295	-.12637	-.01203	-.30849	-.00083	-.04036	-8.97030	2.35290
152.310	.227	-.03883	-.90673	.00470	-.12504	-.00999	-.30740	-.00233	-.04198	-8.96690	2.36140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 818/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.550	.245	-.03841	-.90115	.00534	-.12364	-.01144	-.30711	-.00264	-.04206	-8.96080	2.35840
198.440	100.390	-.03787	-.90028	.00441	-.12452	-.01128	-.30683	-.00099	-.04039	-8.96210	2.35360
201.080	200.380	-.03872	-.90074	.00379	-.12508	-.01172	-.30714	-.00086	-.04025	-8.96420	2.35360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT580) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 843/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.050	.297	-.04494	-1.10450	.00289	-.15530	-.01367	-.37579	-.00300	-.05106	-9.16720	2.42280
99.804	100.230	-.04650	-1.10610	.00237	-.15582	-.01391	-.37603	-.00146	-.04952	-9.16920	2.42540
99.184	200.260	-.04518	-1.10400	.00178	-.15629	-.01432	-.37616	-.00055	-.04857	-9.17010	2.42500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 844/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.570	200.360	-.04373	-1.10480	.00259	-.15582	-.01408	-.37671	-.00097	-.04910	-9.16760	2.42120
151.430	100.320	-.04350	-1.10290	.00356	-.15461	-.01397	-.37603	-.00134	-.04939	-9.16510	2.42040
151.540	.086	-.04390	-1.10450	.00367	-.15467	-.01435	-.37681	-.00328	-.05138	-9.16510	2.43080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT580) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = 2.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 845/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.560	.234	-.04386	-1.10500	.00469	-.15373	-.01441	-.37706	-.00396	-.05208	-9.16330	2.42640
199.680	100.390	-.04240	-1.10370	.00442	-.15402	-.01439	-.37708	-.00152	-.04965	-9.16300	2.42970
199.480	200.320	-.04325	-1.10430	.00326	-.15515	-.01412	-.37674	-.00155	-.04967	-9.16620	2.42290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT581) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 792/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.993	-.075	-.03853	-.50176	.00154	-.06815	-.01011	-.17092	-.00076	-.02266	-8.57250	.18771
99.058	99.822	-.03700	-.50038	.00182	-.06790	-.00608	-.16693	.00202	-.01988	-8.57120	.17411
100.280	199.910	-.03467	-.49797	.00041	-.06930	-.00490	-.16573	.00267	-.01923	-8.57350	.17164
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 793/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.170	199.800	-.03396	-.49062	.00030	-.06842	-.00118	-.15976	.00259	-.01902	-8.56640	.16312
149.700	99.832	-.03453	-.48794	.00132	-.06691	-.00320	-.16069	.00194	-.01953	-8.56090	.16672
149.610	-.248	-.03965	-.49357	.00147	-.06684	-.00905	-.16671	-.00284	-.02433	-8.56430	.18243
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 794/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.210	-.226	-.03744	-.49213	.00539	-.06304	-.00163	-.15955	.00044	-.02109	-8.55380	.17317
199.630	99.831	-.03339	-.48771	.00284	-.06557	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
199.200	199.800	-.03078	-.48594	.00209	-.06641	.00272	-.15536	.00267	-.01888	-8.55840	.16096
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT582) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 819/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
97.943	-.205	-.05137	-.91736	.00119	-.12827	-.00723	-.30400	.00193	-.03764	-8.98150	.32115
99.272	99.973	-.04173	-.90596	.00077	-.12843	-.00524	-.30141	.00083	-.03866	-8.97600	.32071
101.940	199.870	-.04183	-.90697	.00034	-.12900	-.00934	-.30581	.00048	-.03905	-8.97760	.32656
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 820/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.920	199.760	-.04159	-.90745	.00109	-.12835	-.00515	-.30187	.00087	-.03869	-8.97650	.32106
150.040	99.907	-.05075	-.91703	.00085	-.12866	.00095	-.29591	.00001	-.03957	-8.98270	.31871
148.090	-.237	-.05968	-.92744	.00181	-.12792	-.00530	-.30266	.00255	-.03709	-8.98810	.31569
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 821/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.480	-.341	-.05769	-.92981	.00474	-.12563	-.02215	-.32099	.00353	-.03631	-8.98360	.32915
199.370	99.829	-.05100	-.92289	.00264	-.12770	.00072	-.29803	-.00145	-.04127	-8.98510	.33017
199.220	199.770	-.04206	-.91440	.00217	-.12823	-.00142	-.30032	.00005	-.03979	-8.98060	.32449
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT583) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 847/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
97.123	-.259	-.05521	-1.10390	.00000	-.15655	-.00959	-.36798	.00114	-.04643	-9.16910	.38308
98.217	99.820	-.05162	-1.10170	.00097	-.15582	-.00477	-.36369	-.00005	-.04770	-9.16520	.37795
102.010	199.840	-.04730	-1.09690	-.00069	-.15740	-.01079	-.36955	-.00002	-.04764	-9.16630	.38233
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT583) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 848/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
147.810	199.820	-.04751	-1.09800	.00048	-.15636	-.00612	-.36517	-.00037	-.04803	-9.16420	.37503
150.880	100.020	-.06846	-1.11820	.00073	-.15600	-.00068	-.35947	.00026	-.04736	-9.17710	.37439
148.310	-.318	-.06335	-1.11400	.00035	-.15651	-.00951	-.36861	.00167	-.04600	-9.17490	.37735
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 849/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
196.150	-.231	-.05443	-1.10580	.00383	-.15314	-.00940	-.36875	-.00099	-.04868	-9.16140	.38608
199.170	99.840	-.06653	-1.11750	.00097	-.15594	.00299	-.35622	-.00002	-.04770	-9.17630	.37601
198.710	199.710	-.04764	-1.09930	.00184	-.15517	-.00368	-.36313	-.00158	-.04929	-9.16230	.38346
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT584) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 795/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.723	-.107	-.03416	-.49026	.00159	-.06705	-.00063	-.15903	-.00061	-.02220	-8.56290	.18575
100.740	99.785	-.03565	-.49150	.00103	-.06757	-.00409	-.16240	.00267	-.01891	-8.56460	.17617
99.105	199.760	-.03192	-.48817	.00016	-.06849	-.00040	-.15885	.00314	-.01845	-8.56530	.17575
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 796/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.570	199.860	-.03026	-.48693	.00185	-.06687	.00065	-.15794	.00291	-.01870	-8.56000	.17387
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
149.140	-.230	-.03175	-.48869	.00341	-.06535	.00138	-.15730	-.00003	-.02165	-8.55750	.17958
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT584) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 797/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.330	-.224	-.02933	-.48543	.00546	-.06318	.00058	-.15781	-.00059	-.02218	-8.55060	.18480
200.290	99.814	-.02998	-.48645	.00378	-.06491	-.00126	-.15978	.00109	-.02051	-8.55540	.17859
199.080	199.770	-.02807	-.48514	.00352	-.06526	.00106	-.15766	.00219	-.01944	-8.55530	.17243
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT585) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 822/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.090	-.096	-.03389	-.89452	.00533	-.12334	-.00090	-.29585	-.00155	-.04088	-8.95530	.33665
100.020	99.860	-.04273	-.90310	.00273	-.12589	-.00283	-.29770	-.00111	-.04043	-8.96770	.34376
100.520	199.760	-.03978	-.89967	.00145	-.12710	-.00625	-.30095	-.00057	-.03987	-8.96900	.34326
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 823/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.480	199.850	-.04018	-.90216	.00232	-.12654	-.00384	-.29925	-.00029	-.03968	-8.96780	.33607
150.490	99.919	-.04389	-.90532	.00356	-.12522	-.00113	-.29635	-.00009	-.03945	-8.96700	.33507
151.090	-.266	-.03650	-.89835	.00627	-.12258	-.00008	-.29545	-.00203	-.04142	-8.95560	.33934
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 824/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.410	-.183	-.03678	-.89892	.00632	-.12256	-.00231	-.29777	-.00158	-.04097	-8.95640	.33845
199.630	99.750	-.04369	-.90696	.00542	-.12364	.00032	-.29553	-.00062	-.04007	-8.96370	.33427
200.110	199.920	-.03933	-.90286	.00372	-.12538	-.00183	-.29777	-.00071	-.04016	-8.96540	.33785
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT586) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 850/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.440	-.258	-.03747	-1.08850	.00456	-.15235	-.00493	-.36416	-.00255	-.05023	-9.15070	.42677
98.760	99.916	-.05051	-1.10350	.00215	-.15507	-.00490	-.36479	-.00037	-.04813	-9.16500	.41947
99.510	199.810	-.04612	-1.09770	.00060	-.15640	-.00801	-.36741	-.00093	-.04864	-9.16590	.42165
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 851/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.880	199.850	-.04736	-1.10010	.00209	-.15508	-.00550	-.36530	-.00100	-.04875	-9.16370	.42998
147.500	99.934	-.05250	-1.10480	.00367	-.15345	-.00010	-.35977	-.00046	-.04820	-9.16320	.41634
143.220	-.310	-.03933	-1.09120	.00422	-.15282	-.00634	-.36585	-.00246	-.05017	-9.15380	.43295
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 852/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.290	-.121	-.04038	-1.09360	.00338	-.15386	-.00841	-.36838	-.00186	-.04964	-9.15740	.42835
200.020	99.882	-.05157	-1.10460	.00535	-.15187	.00027	-.35964	-.00139	-.04916	-9.15910	.42532
200.520	199.740	-.04686	-1.10060	.00340	-.15392	-.00369	-.36384	-.00132	-.04912	-9.16090	.42644
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT587) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 798/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.080	-.157	-.03091	-.48879	.00256	-.06634	-.00454	-.16355	-.00017	-.02183	-8.55960	.16170
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.747	199.830	-.02949	-.48774	.00063	-.06832	-.00689	-.16602	.00144	-.02024	-8.56400	.15943
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT587) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 799/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.020	199.720	-.03006	-.48844	.00152	-.06745	-.00604	-.16521	.00137	-.02032	-8.56250	.15910
149.530	99.853	-.02799	-.48606	.00423	-.06470	.00006	-.15913	.00085	-.02082	-8.55410	.15574
149.500	-.279	-.02763	-.48545	.00540	-.06349	.00011	-.15886	-.00007	-.02174	-8.55140	.15493
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 800/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.520	-.285	-.02470	-.48372	.00651	-.06256	.00040	-.15898	-.00087	-.02258	-8.54730	.16188
200.200	99.867	-.02546	-.48394	.00532	-.06367	.00072	-.15848	-.00015	-.02184	-8.55030	.15796
200.420	199.790	-.02946	-.48859	.00275	-.06634	-.00634	-.16576	.00098	-.02075	-8.55960	.15889
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT588) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 825/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.265	-.112	-.03927	-.90415	.00352	-.12578	-.00489	-.30128	-.00166	-.04118	-8.96630	.31990
100.660	99.886	-.03972	-.90306	.00218	-.12689	-.00369	-.29956	-.00060	-.04005	-8.97040	.31967
101.780	199.880	-.03955	-.90361	.00191	-.12726	-.00545	-.30157	-.00058	-.04006	-8.97120	.32270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 826/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.140	199.740	-.03930	-.90353	.00263	-.12656	-.00667	-.30283	-.00023	-.03971	-8.96980	.31962
148.520	99.843	-.03901	-.90358	.00354	-.12571	-.00486	-.30115	-.00110	-.04060	-8.96670	.32026
149.600	-.321	-.03882	-.90244	.00476	-.12435	-.00689	-.30285	-.00158	-.04104	-8.96390	.32646
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT588) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 827/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.550	-.273	-.03880	-.90384	.00589	-.12343	-.00619	-.30264	-.00178	-.04130	-8.96180	.32673
198.700	99.894	-.03802	-.90280	.00564	-.12364	-.00416	-.30051	-.00138	-.04089	-8.96210	.32093
200.550	199.740	-.03930	-.90418	.00390	-.12540	-.00642	-.30280	-.00057	-.04009	-8.96690	.32531
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT589) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 853/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.569	-.210	-.04078	-1.09530	.00380	-.15363	-.00823	-.36862	-.00308	-.05091	-9.15730	.41202
103.080	99.943	-.04135	-1.09540	.00342	-.15394	-.00977	-.37000	-.00167	-.04948	-9.15870	.40951
101.150	199.840	-.04330	-1.09730	.00179	-.15556	-.00910	-.36931	-.00154	-.04935	-9.16410	.40714
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 854/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.480	199.770	-.04250	-1.09690	.00297	-.15445	-.00884	-.36920	-.00154	-.04936	-9.16110	.40708
149.340	99.848	-.03951	-1.09470	.00465	-.15289	-.00830	-.36893	-.00204	-.04991	-9.15480	.40621
151.150	-.249	-.04096	-1.09650	.00444	-.15315	-.00785	-.36860	-.00365	-.05153	-9.15690	.41039
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 855/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.720	-.185	-.04299	-1.09790	.00510	-.15239	-.00877	-.36931	-.00350	-.05135	-9.15610	.41218
200.140	99.906	-.04182	-1.09780	.00568	-.15197	-.00791	-.36881	-.00282	-.05072	-9.15450	.41155
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT590) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 801/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.579	-4.065	-.03198	-.48682	.00189	-.06656	.00263	-.15534	-.00040	-.02193	-8.55970	-1.81930
99.656	96.048	-.03721	-.49536	.00106	-.06788	.00203	-.15706	.00262	-.01906	-8.56810	-1.83060
99.401	195.960	-.03611	-.49568	.00019	-.06896	.00163	-.15795	.00348	-.01826	-8.57060	-1.83050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 802/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.360	195.920	-.03567	-.49553	.00110	-.06810	.00448	-.15519	.00349	-.01827	-8.56860	-1.83410
150.500	95.926	-.03610	-.49484	.00192	-.06711	.00293	-.15635	.00260	-.01910	-8.56670	-1.82750
149.330	-4.126	-.03927	-.49874	.00295	-.06618	.00095	-.15858	-.00189	-.02362	-8.56650	-1.81880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 803/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.050	-4.232	-.03352	-.49348	.00642	-.06279	.00658	-.15312	.00065	-.02110	-8.55450	-1.82650
199.810	95.991	-.03346	-.49347	.00382	-.06539	.00514	-.15458	.00228	-.01948	-8.56070	-1.82650
199.660	196.040	-.03252	-.49181	.00303	-.06608	.00650	-.15297	.00372	-.01801	-8.56220	-1.83130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT591) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 828/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.074	-4.078	-.04727	-.91337	.00200	-.12748	.00225	-.29455	.00100	-.03857	-8.97790	-1.66190
99.422	95.978	-.04108	-.90789	.00185	-.12773	-.00707	-.30412	-.00101	-.04061	-8.97460	-1.65110
101.610	195.860	-.04437	-.91073	.00048	-.12904	-.00495	-.30184	.00062	-.03896	-8.98030	-1.65530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT591) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 829/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.690	195.880	-.04531	-.91267	.00194	-.12772	-.00037	-.29760	.00131	-.03831	-8.97760	-1.66040
149.820	95.974	-.05432	-.92070	.00226	-.12726	.00594	-.29096	.00027	-.03932	-8.98220	-1.66410
147.760	-4.241	-.05970	-.90965	.00374	-.12334	.00715	-.28420	.00142	-.03744	-8.96470	-1.67470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 830/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.660	-4.244	-.04984	-.91309	.00591	-.12315	.00456	-.29128	-.00047	-.03992	-8.96680	-1.66260
199.240	96.063	-.05206	-.91695	.00390	-.12539	.00386	-.29253	-.00093	-.04045	-8.97390	-1.66210
199.150	195.880	-.04562	-.90973	.00332	-.12586	.00167	-.29446	.00118	-.03831	-8.97120	-1.66290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT592) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 856/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.300	-4.121	-.04984	-1.10230	.00251	-.15462	-.00179	-.36151	.00019	-.04756	-9.16290	-1.60270
97.682	95.956	-.04964	-1.10240	.00182	-.15536	-.00339	-.36322	-.00084	-.04860	-9.16420	-1.59880
101.840	196.020	-.04897	-1.10180	-.00013	-.15732	-.01010	-.36995	-.00037	-.04814	-9.16870	-1.59660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 857/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.400	195.820	-.05144	-1.10360	.00179	-.15530	-.00379	-.36340	-.00004	-.04777	-9.16540	-1.60390
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
149.940	-4.224	-.05893	-1.11070	.00357	-.15345	.00148	-.35799	.00078	-.04693	-9.16610	-1.61150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT592) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 858/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.010	-4.081	-.05025	-1.10260	.00527	-.15175	-.00258	-.36203	-.00177	-.04948	-8.15730	-1.60160
202.130	95.973	-.06490	-1.11790	.00210	-.15472	.00582	-.35409	.00066	-.04711	-8.17330	-1.61420
198.270	195.820	-.05110	-1.10370	.00325	-.15380	-.00158	-.36130	-.00015	-.04785	-8.16310	-1.60750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT593) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 804/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.878	-4.117	-.02997	-.49052	.00249	-.06681	.00768	-.15221	.00045	-.02133	-8.56310	-1.83130
101.200	95.884	-.03568	-.49641	.00066	-.06866	.00290	-.15706	.00295	-.01884	-8.57090	-1.83600
98.945	195.850	-.03463	-.48921	.00013	-.06828	.00556	-.15232	.00412	-.01740	-8.56560	-1.84830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 805/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.590	195.970	-.03258	-.48903	.00203	-.06665	.00550	-.15301	.00378	-.01782	-8.56120	-1.84180
150.000	96.031	-.03273	-.48898	.00238	-.06627	.00351	-.15493	.00232	-.01927	-8.56050	-1.83480
148.900	-4.112	-.02890	-.48630	.00468	-.06415	.00786	-.15098	.00064	-.02100	-8.55310	-1.82850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 806/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.880	-4.182	-.02671	-.48362	.00612	-.06264	.00587	-.15280	-.00006	-.02168	-8.54840	-1.83000
201.090	96.062	-.02937	-.48660	.00439	-.06441	.00389	-.15488	.00174	-.01990	-8.55470	-1.83640
198.750	195.780	-.03016	-.48804	.00407	-.06483	.00545	-.15355	.00322	-.01845	-8.55580	-1.83500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT594) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 831/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.010	-4.252	-.03310	-.89853	.00521	-.12417	.00324	-.29334	-.00100	-.04055	-8.95970	-1.66450
100.990	95.875	-.03961	-.90541	.00257	-.12687	.00119	-.29551	-.00112	-.04068	-8.97130	-1.66710
99.494	195.930	-.04052	-.90661	.00161	-.12787	-.00284	-.29964	-.00026	-.03983	-8.97410	-1.65980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 832/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.420	195.830	-.04184	-.90728	.00293	-.12645	-.00025	-.29683	.00009	-.03945	-8.97200	-1.66100
148.380	95.950	-.04470	-.91048	.00394	-.12549	.00219	-.29450	.00012	-.03944	-8.97090	-1.66630
151.260	-4.179	-.03416	-.90042	.00691	-.12259	.00509	-.29176	-.00183	-.04140	-8.95740	-1.66160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 833/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.930	-4.049	-.03766	-.90473	.00699	-.12264	.00252	-.29461	-.00148	-.04110	-8.95960	-1.66060
198.670	96.030	-.04296	-.90986	.00641	-.12318	.00437	-.29270	-.00022	-.03983	-8.96510	-1.66660
200.070	196.020	-.04069	-.90784	.00467	-.12496	.00130	-.29586	-.00034	-.03995	-8.96800	-1.66890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT595) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 859/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.110	-4.173	-.03928	-1.09040	.00530	-.15163	-.00138	-.36064	-.00232	-.05000	-9.15120	-1.60230
103.000	195.830	-.04679	-1.10050	.00093	-.15639	-.00599	-.36612	-.00090	-.04870	-9.16690	-1.60070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT595) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 860/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.700	195.840	-.04840	-1.10090	.00269	-.15444	-.00285	-.36256	-.00079	-.04852	-9.16370	-1.60670
148.230	95.948	-.04940	-1.10210	.00462	-.15254	.00353	-.35624	-.00044	-.04813	-9.15970	-1.61560
152.450	-4.300	-.04175	-1.09550	.00542	-.15190	-.00157	-.36171	-.00234	-.05014	-9.15290	-1.60680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 861/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.090	-4.123	-.04419	-1.09790	.00505	-.15226	-.00306	-.36318	-.00184	-.04963	-9.15560	-1.60530
201.280	95.957	-.05084	-1.10500	.00643	-.15095	.00276	-.35751	-.00092	-.04873	-9.15650	-1.61040
199.400	195.880	-.04834	-1.10300	.00451	-.15296	-.00111	-.36157	-.00115	-.04899	-9.15950	-1.61180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT596) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 807/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.912	-4.123	-.02899	-.48676	.00374	-.06515	.00237	-.15658	.00077	-.02089	-8.55650	-1.81450
99.817	95.938	-.03183	-.48962	.00318	-.06571	.00226	-.15671	.00130	-.02036	-8.55930	-1.82410
100.180	195.960	-.02971	-.48881	.00017	-.06891	-.00073	-.16014	.00189	-.01983	-8.56620	-1.81820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 808/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.230	195.940	-.03044	-.48869	.00142	-.06753	-.00098	-.16010	.00185	-.01983	-8.56360	-1.82450
149.200	95.886	-.02481	-.48316	.00477	-.06420	.00615	-.15300	.00133	-.02036	-8.55190	-1.81380
149.400	-4.164	-.02457	-.48420	.00602	-.06314	.00539	-.15420	.00072	-.02103	-8.54900	-1.82290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT596) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 809/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.950	-4.262	-.02227	-.48217	.00663	-.06257	.00503	-.15466	-.00022	-.02197	-8.54590	-1.81700
199.700	95.960	-.02281	-.48160	.00572	-.06332	.00602	-.15328	.00012	-.02159	-8.54850	-1.81860
200.800	196.060	-.02911	-.48881	.00274	-.06643	-.00074	-.16035	.00111	-.02064	-8.56010	-1.81590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT597) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 834/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.875	-4.047	-.03573	-.90202	.00307	-.12644	-.00147	-.29833	-.00143	-.04101	-8.96900	-1.66050
99.111	96.042	-.03787	-.90539	.00269	-.12700	.00077	-.29651	-.00065	-.04028	-8.97210	-1.66560
102.490	195.920	-.04063	-.90787	.00197	-.12768	-.00271	-.29989	.00004	-.03958	-8.97540	-1.66160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 835/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.840	195.830	-.04094	-.90904	.00298	-.12679	-.00333	-.30081	.00004	-.03961	-8.97350	-1.66100
148.790	95.936	-.03813	-.90675	.00427	-.12558	-.00190	-.29955	-.00085	-.04053	-8.96900	-1.66280
149.690	-4.153	-.03666	-.90560	.00450	-.12540	-.00356	-.30132	-.00095	-.04065	-8.96760	-1.66130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 836/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.610	-4.186	-.03869	-.90582	.00612	-.12351	-.00243	-.29959	-.00121	-.04083	-8.96260	-1.65580
201.090	195.850	-.04043	-.90854	.00457	-.12520	-.00265	-.30013	-.00017	-.03983	-8.96850	-1.66280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT598) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = -2.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 862/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.287	-4.228	-.03871	-1.09380	.00394	-.15358	-.00594	-.36653	-.00265	-.05051	-9.15570	-1.60390
101.270	96.039	-.04073	-1.09640	.00319	-.15442	-.00719	-.36801	-.00161	-.04949	-9.15920	-1.60720
99.390	195.990	-.04320	-1.09690	.00211	-.15520	-.00649	-.36660	-.00133	-.04912	-9.16350	-1.60670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 863/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.470	195.810	-.04306	-1.09820	.00363	-.15391	-.00622	-.36685	-.00143	-.04930	-9.16010	-1.60820
148.850	95.979	-.03980	-1.09520	.00501	-.15256	-.00479	-.36550	-.00166	-.04953	-9.15490	-1.60700
150.040	-4.259	-.04050	-1.09630	.00518	-.15245	-.00489	-.36574	-.00296	-.05085	-9.15500	-1.60010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 864/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.970	-4.224	-.04278	-1.09920	.00595	-.15176	-.00458	-.36562	-.00290	-.05082	-9.15460	-1.60210
200.110	95.934	-.04146	-1.09730	.00634	-.15129	-.00422	-.36508	-.00232	-.05022	-9.15280	-1.60230
198.180	195.910	-.04400	-1.09950	.00528	-.15230	-.00519	-.36591	-.00197	-.04985	-9.15690	-1.60250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT599) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2157/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.900	-2.330	-.04657	-.91938	.00305	-.12744	-.05206	-.35121	-.00751	-.04740	-8.96650	14.31800
98.181	97.445	-.04604	-.91896	.00210	-.12840	-.05185	-.35103	-.00644	-.04634	-8.96860	14.31200
100.410	197.410	-.04365	-.91712	.00073	-.12985	-.05088	-.35024	-.00633	-.04625	-8.97050	14.31300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT599) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2158/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.420	197.710	-.03591	-.91779	.00200	-.12984	-.04196	-.34415	-.00473	-.04502	-8.97190	14.30600
150.080	97.287	-.03672	-.91100	.00334	-.12736	-.04243	-.34206	-.00462	-.04458	-8.96190	14.30000
150.550	-2.489	-.03500	-.91254	.00527	-.12592	-.04644	-.34717	-.00607	-.04616	-8.95990	14.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2159/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.280	-2.486	-.03097	-.90608	.00688	-.12395	-.04629	-.34621	-.00743	-.04742	-8.94960	14.31500
199.000	97.512	-.02884	-.90239	.00510	-.12550	-.04054	-.33993	-.00469	-.04462	-8.95250	14.30000
199.980	197.390	-.02940	-.90167	.00386	-.12655	-.04064	-.33960	-.00496	-.04483	-8.95370	14.29700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT600) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2160/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.573	.472	-.02847	-.90031	.00085	-.12949	-.02350	-.32231	-.00327	-.04312	-8.96030	12.32200
99.011	100.250	-.02859	-.90047	.00022	-.13013	-.02461	-.32344	-.00323	-.04308	-8.96160	12.32100
99.797	200.470	-.02391	-.89437	-.00006	-.13020	-.02143	-.31978	-.00256	-.04234	-8.95860	12.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2161/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.770	200.450	-.02173	-.89089	.00093	-.12901	-.02034	-.31825	-.00190	-.04163	-8.95320	12.31300
149.450	100.250	-.02651	-.89630	.00162	-.12842	-.02389	-.32201	-.00274	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.04469	-8.95400	12.33300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT600) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2162/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.310	.327	-.03024	-.89920	.00320	-.12672	-.03004	-.32787	-.00631	-.04603	-8.95300	12.33300
200.110	100.040	-.02618	-.89497	.00303	-.12686	-.02637	-.32415	-.00437	-.04409	-8.95020	12.32400
199.260	200.230	-.02028	-.88808	.00226	-.12748	-.02052	-.31797	-.00224	-.04191	-8.94810	12.31400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT601) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2163/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.854	.352	-.03462	-.90279	.00227	-.12753	-.03182	-.32939	-.00362	-.04331	-8.95680	12.32700
99.202	100.330	-.03476	-.89870	.00130	-.12787	-.03255	-.32869	-.00307	-.04257	-8.95540	12.32500
100.390	200.430	-.03479	-.90657	-.00019	-.13052	-.02974	-.32853	-.00363	-.04348	-8.96650	12.32200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2164/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.090	200.480	-.02935	-.90121	.00137	-.12897	-.02522	-.32404	-.00279	-.04263	-8.95990	12.32200
150.040	100.200	-.03089	-.90302	.00244	-.12794	-.02846	-.32737	-.00291	-.04277	-8.95820	12.32900
150.470	.360	-.03206	-.90269	.00433	-.12583	-.03266	-.33106	-.00397	-.04377	-8.95290	12.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2165/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.060	.157	-.03304	-.90249	.00576	-.12422	-.03608	-.33408	-.00675	-.04650	-8.94920	12.33300
199.650	100.330	-.03038	-.90011	.00373	-.12630	-.03254	-.33065	-.00432	-.04408	-8.95150	12.32500
200.840	200.280	-.02718	-.89566	.00277	-.12707	-.02444	-.32212	-.00301	-.04271	-8.95110	12.31700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT602) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2166/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.597	.021	-.03182	-.89819	.00043	-.12910	-.01765	-.31461	-.00136	-.04097	-8.95900	10.32700
99.976	99.907	-.03231	-.90602	-.00150	-.13212	-.02204	-.32148	-.00077	-.04070	-8.96960	10.33300
98.169	200.020	-.02916	-.90430	-.00056	-.13139	-.01885	-.31877	-.00059	-.04058	-8.96730	10.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2167/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.050	199.880	-.03322	-.90718	-.00118	-.13184	-.01872	-.31824	.00058	-.03936	-8.97040	10.32500
150.780	99.770	-.03661	-.91038	-.00025	-.13088	-.02068	-.32014	-.00049	-.04042	-8.96980	10.32600
149.650	-.256	-.03351	-.90620	.00107	-.12940	-.01933	-.31843	-.00068	-.04057	-8.96380	10.33000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2168/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.750	99.819	-.04033	-.91102	.00012	-.13006	-.01957	-.31799	-.00092	-.04072	-8.96860	10.32600
199.670	199.760	-.03556	-.90549	-.00061	-.13068	-.01886	-.31703	.00122	-.03854	-8.96680	10.32400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT603) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2169/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.580	-.027	-.03876	-.91223	.00157	-.12902	-.01765	-.31701	-.00152	-.04143	-8.96680	10.31200
99.635	99.767	-.03701	-.90917	.00117	-.12922	-.02064	-.31956	-.00158	-.04144	-8.96590	10.31200
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT603) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	10.000
ALPHAB =	-8.000	BETAB =	10.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 2170/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
153.720	199.830	-.03376	-.90558	.00049	-.12985	-.02029	-.31910	-.00086	-.04071	-8.96500	10.31300
152.090	99.609	-.03793	-.90841	.00119	-.12696	-.02079	-.31914	-.00156	-.04135	-3.96450	10.31300
148.870	-.294	-.03657	-.90721	.00192	-.12824	-.02052	-.31892	-.00269	-.04248	-8.96160	10.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2171/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.760	-.176	-.03719	-.90688	.00283	-.12720	-.02073	-.31881	-.00192	-.04167	-8.95840	10.31400
200.430	99.752	-.03840	-.90639	.00145	-.12832	-.02082	-.31833	-.00188	-.04156	-8.96240	10.31400
199.070	199.870	-.03703	-.90660	.00085	-.12916	-.02057	-.31862	-.00085	-.04060	-8.96260	10.31200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT604) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	.000	BETA =	10.000
ALPHAB =	-8.000	BETAB =	10.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 2172/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	.026	-.04138	-.90973	.00068	-.12914	-.02361	-.32124	-.00269	-.04239	-8.96580	10.34500
97.833	99.780	-.04105	-.91153	-.00026	-.13040	-.02491	-.32326	-.00168	-.04146	-8.96880	10.34600
99.652	199.740	-.03646	-.90668	-.00067	-.13077	-.02374	-.32201	-.00117	-.04095	-8.96650	10.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2173/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.390	199.680	-.03509	-.90428	.00064	-.12931	-.02189	-.31981	-.00118	-.04091	-8.96200	10.34200
149.820	99.655	-.03971	-.91029	.00164	-.12852	-.02442	-.32281	-.00193	-.04172	-8.96390	10.34500
148.930	-.173	-.04220	-.91162	.00233	-.12765	-.02689	-.32488	-.00452	-.04426	-8.96220	10.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT604) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2174/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.560	-.197	-.04519	-.91464	.00330	-.12669	-.02850	-.32650	-.00603	-.04577	-8.96210	10.36000
199.120	99.777	-.04142	-.91053	.00306	-.12688	-.02664	-.32453	-.00394	-.04367	-8.95980	10.35100
200.630	199.570	-.03528	-.90696	.00190	-.12842	-.02158	-.32033	-.00194	-.04178	-8.96210	10.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT605) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2175/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.470	-4.069	-.03975	-.91442	.00129	-.12947	-.01619	-.31596	-.00007	-.04005	-8.96840	8.33340
102.410	95.952	-.04131	-.91508	-.00094	-.13157	-.02158	-.32104	-.00041	-.04035	-8.97440	8.33490
101.600	195.900	-.04085	-.91229	-.00191	-.13219	-.01813	-.31680	.00036	-.03946	-8.97460	8.32960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2176/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.010	195.890	-.04380	-.91366	-.00175	-.13180	-.01616	-.31430	.00138	-.03838	-8.97410	8.32310
150.780	95.927	-.04718	-.91609	.00027	-.12964	-.02027	-.31809	.00010	-.03962	-8.96960	8.32890
149.680	-4.190	-.04145	-.91107	.00264	-.12737	-.01675	-.31482	.00018	-.03957	-8.96130	8.32630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2177/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.950	96.006	-.05189	-.92610	.00012	-.13038	-.01707	-.31668	-.00040	-.04035	-8.97630	8.33150
198.670	195.770	-.04481	-.91829	-.00099	-.13158	-.01475	-.31412	.00157	-.03835	-8.97650	8.32460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT606) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2178/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.510	-3.961	-.04213	-.91319	.00256	-.12767	-.01525	-.31381	-.00154	-.04135	-8.96280	8.31540
101.670	95.969	-.04003	-.90972	.00129	-.12874	-.01898	-.31706	-.00109	-.04084	-8.96440	8.31690
98.969	196.010	-.03895	-.90981	.00072	-.12948	-.01969	-.31818	-.00068	-.04048	-8.96600	8.31830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2179/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.770	196.030	-.04180	-.91220	.00020	-.12993	-.02007	-.31840	-.00059	-.04038	-8.96880	8.31830
149.220	95.971	-.04576	-.91664	.00139	-.12881	-.02001	-.31850	-.00095	-.04075	-8.96840	8.31760
148.830	-4.217	-.04238	-.91220	.00273	-.12732	-.01851	-.31665	-.00232	-.04207	-8.96220	8.31970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2180/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.810	-4.006	-.04249	-.91516	.00364	-.12683	-.01850	-.31760	-.00159	-.04148	-8.96290	8.32050
200.340	96.020	-.04658	-.91423	.00221	-.12751	-.01939	-.31679	-.00171	-.04137	-8.96440	8.31810
198.600	195.920	-.04476	-.92024	.00115	-.12973	-.01919	-.31923	-.00099	-.04099	-8.97290	8.31880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT607) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2181/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.092	-4.029	-.04618	-.91769	.00148	-.12882	-.02050	-.31921	-.00192	-.04176	-8.96970	8.35540
97.061	95.868	-.04664	-.91702	.00006	-.13006	-.02232	-.32064	-.00041	-.04019	-8.97210	8.35230
100.990	196.220	-.04267	-.91193	-.00027	-.13023	-.02304	-.32098	.00016	-.03957	-8.96980	8.35110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT607) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -8.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2182/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.800	196.000	-.04244	-.91237	.00139	-.12867	-.02079	-.31896	-.00015	-.03991	-8.96560	8.35510
151.300	95.857	-.04534	-.91749	.00241	-.12798	-.02207	-.32098	-.00095	-.04081	-8.96710	8.35560
150.820	-4.082	-.04892	-.91962	.00301	-.12716	-.02415	-.32258	-.00409	-.04388	-8.96710	8.36510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2183/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.720	-4.211	-.05128	-.92113	.00375	-.12630	-.02549	-.32362	-.00522	-.04498	-8.96610	8.36720
199.840	95.998	-.04674	-.91840	.00400	-.12632	-.02412	-.32287	-.00292	-.04276	-8.96290	8.36350
199.620	195.990	-.04155	-.91060	.00269	-.12724	-.01984	-.31770	-.00098	-.04070	-8.96220	8.35500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT608) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2293/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.119	-2.976	-.01890	-.88833	.01218	-.11780	-.06651	-.36451	-.00719	-.04693	5.07510	4.35580
.598	97.004	-.02267	-.89516	.01021	-.12024	-.06497	-.36400	-.00970	-.04958	5.06650	4.36170
.625	197.190	-.02167	-.89995	.00821	-.12309	-.06132	-.36231	-.00966	-.04979	5.05570	4.36630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2294/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.680	196.980	-.01466	-.88739	.01009	-.12039	-.06226	-.36138	-.00367	-.04356	5.07040	4.34090
99.874	96.948	-.01824	-.89004	.01183	-.11851	-.06262	-.36143	-.00413	-.04398	5.07370	4.34670
100.290	3.075	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00450	-.04408	5.08120	4.34820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT608) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2295/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.820	-2.948	-.01320	-.87691	.01758	-.11156	-.06713	-.36320	-.00262	-.04211	5.09790	4.34010
200.880	97.052	-.01755	-.89638	.01610	-.11529	-.06906	-.37023	-.00226	-.04242	5.07680	4.34960
200.050	197.090	-.01253	-.88746	.01391	-.11689	-.06797	-.36783	-.00233	-.04231	5.07930	4.34380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT609) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2269/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.200	.040	-.01401	-.88406	.00626	-.12382	-.04469	-.34291	-.00904	-.04881	5.06430	2.36030
.809	100.060	-.02090	-.89089	.00381	-.12626	-.04482	-.34301	-.01140	-.05117	5.05420	2.37150
1.318	199.930	-.00595	-.87595	.00772	-.12235	-.01712	-.31532	.00248	-.03729	5.07260	2.31310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2270/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.100	200.100	-.00676	-.88122	.00862	-.12211	-.03427	-.33397	-.00589	-.04586	5.06950	2.34300
99.895	99.988	-.01482	-.88766	.00815	-.12234	-.04694	-.34609	-.00561	-.04550	5.06540	2.35740
99.584	.023	-.01421	-.88672	.01059	-.11985	-.04683	-.34588	-.00520	-.04508	5.07250	2.35260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2271/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.590	-.081	-.01142	-.88232	.01488	-.11532	-.05208	-.35058	-.00368	-.04349	5.08580	2.34880
201.500	99.973	-.01112	-.88284	.01298	-.11735	-.04745	-.34623	-.00417	-.04401	5.08140	2.35640
200.730	199.940	-.01076	-.88850	.00907	-.12215	-.04409	-.34490	-.00648	-.04659	5.06650	2.36050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT610) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2272/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.421	.037	-.01796	-.89053	.01162	-.11884	-.05203	-.35110	-.00897	-.04885	5.07290	2.36790
.222	100.010	-.02093	-.89313	.00757	-.12283	-.04865	-.34759	-.00818	-.04805	5.06150	2.36330
.702	200.050	-.01706	-.88827	.00627	-.12398	-.04979	-.34840	-.00906	-.04888	5.06110	2.36630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2273/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.750	199.960	-.01116	-.88082	.00917	-.12085	-.05105	-.34813	-.00261	-.04237	5.07370	2.35130
99.336	99.990	-.01546	-.88363	.01081	-.11899	-.05204	-.34963	-.00289	-.04258	5.07650	2.34720
99.870	-.113	-.01458	-.88487	.01411	-.11600	-.05132	-.34961	-.00354	-.04332	5.08150	2.35310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2274/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.370	-.124	-.01025	-.88074	.01736	-.11279	-.05391	-.35228	-.00244	-.04223	5.09350	2.34970
200.950	99.889	-.00988	-.88218	.01605	-.11437	-.05297	-.35194	-.00139	-.04126	5.08880	2.35030
200.040	199.930	-.00839	-.88663	.01350	-.11780	-.05355	-.35453	-.00175	-.04189	5.07770	2.35390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT611) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2275/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.522	-.449	-.01511	-.88716	.00448	-.12590	-.03218	-.33106	-.00795	-.04781	5.05660	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.078	199.570	-.01295	-.88426	.00370	-.12657	-.00312	-.30176	.00489	-.03493	5.05660	.32504
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT611) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2276/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.693	199.550	-.00991	-.88044	.00898	-.12117	-.01210	-.31047	.00177	-.03802	5.07220	.34269
100.510	99.394	-.01002	-.88019	.00967	-.12043	-.01845	-.31671	-.00094	-.04072	5.07470	.35251
99.989	-.387	-.01043	-.87993	.01062	-.11938	-.02807	-.32609	-.00435	-.04409	5.07730	.36667
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2277/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.470	-.607	-.00572	-.87479	.01244	-.11749	-.02753	-.32542	-.00222	-.04195	5.08560	.36190
200.270	99.426	-.01232	-.88748	.01191	-.11893	-.03015	-.33008	-.00458	-.04458	5.07310	.37447
199.770	199.560	-.01138	-.88353	.01085	-.11954	-.02142	-.32034	-.00081	-.04067	5.07460	.35189
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT612) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2278/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.317	-.472	-.01363	-.88246	.00454	-.12536	-.03476	-.33256	-.00700	-.04672	5.06130	.34073
2.714	99.444	-.00824	-.87776	.00667	-.12333	-.01035	-.30839	.00385	-.03589	5.06920	.29769
-.868	199.570	-.00830	-.87929	.00443	-.12579	-.00347	-.30200	.00729	-.03252	5.06200	.28433
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2279/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.971	199.560	-.00684	-.88104	.01072	-.11997	-.01535	-.31496	.00324	-.03672	5.07480	.30327
101.050	99.455	-.00819	-.87885	.01142	-.11875	-.02192	-.32034	-.00096	-.04076	5.07940	.31602
100.880	-.478	-.01235	-.89616	.00920	-.12292	-.03395	-.33681	-.00044	-.04082	5.05880	.32846
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT612) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2280/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.460	-.652	-.00706	-.88227	.01332	-.11753	-.03845	-.33840	-.00271	-.04271	5.08080	.33428
200.900	99.4[illegible]	-.00959	-.88336	.01259	-.11804	-.03060	-.33007	-.00182	-.04176	5.07820	.32757
200.290	199.550	-.00897	-.88360	.01160	-.11916	-.02559	-.32535	-.00003	-.04001	5.07610	.31754
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT613) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2281/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.345	-.502	-.01203	-.88196	.00860	-.12146	-.03718	-.33535	-.00571	-.04548	5.07060	.37082
.918	99.417	-.01864	-.88818	.00590	-.12410	-.03790	-.33593	-.00769	-.04744	5.06020	.38146
1.748	199.510	-.00284	-.87567	.00809	-.12240	-.01309	-.31224	.00603	-.03387	5.07300	.32465
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2282/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.400	199.550	-.00653	-.88563	.00928	-.12214	-.03217	-.33344	-.00319	-.04336	5.06750	.36191
99.252	99.473	-.01343	-.88974	.01026	-.12075	-.04243	-.34276	-.00264	-.04269	5.06860	.37188
99.181	-.518	-.01240	-.88647	.01327	-.11741	-.04068	-.33024	-.00266	-.04261	5.07740	.37030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2283/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	-.550	-.00995	-.88746	.01700	-.11361	-.04508	-.34449	-.00161	-.04154	5.07920	.36966
200.540	99.418	-.01159	-.88510	.01558	-.11503	-.04727	-.34059	-.00166	-.04101	5.08510	.36230
201.300	199.550	-.00978	-.88266	.01052	-.11998	-.03975	-.33892	-.00359	-.04349	5.07420	.36972
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT614) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2284/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.558	-4.481	-.01273	-.88630	.00421	-.12639	-.02700	-.32640	-.00561	-.04554	5.05630	-1.63080
2.744	95.525	-.01237	-.88518	.00389	-.12660	-.00596	-.30511	.00396	-.03593	5.05580	-1.66490
.135	195.450	-.01629	-.88872	.00312	-.12731	-.00278	-.30179	.00453	-.03534	5.05210	-1.67060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2285/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.854	195.550	-.01902	-.92239	.00633	-.12869	-.00812	-.31759	.00365	-.03759	5.02940	-1.65330
100.040	95.494	-.01495	-.91719	.00887	-.12598	-.01243	-.32151	.00276	-.03842	5.03810	-1.65120
99.246	-4.575	-.01249	-.91463	.01013	-.12471	-.01984	-.32889	.00092	-.04026	5.04300	-1.63940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2286/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.530	-4.609	-.00981	-.87953	.01169	-.11834	-.02231	-.32041	.00026	-.03950	5.08000	-1.64460
198.150	95.410	-.01251	-.87048	.01224	-.11604	-.02370	-.31783	-.00149	-.04074	5.09110	-1.64990
201.060	195.620	-.01616	-.89170	.01085	-.12005	-.01862	-.31868	.00147	-.03854	5.06780	-1.65470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT615) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2287/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.018	-4.528	-.01402	-.88777	.00761	-.12302	-.02657	-.32603	-.00617	-.04610	5.06300	-1.65060
3.218	95.495	-.00954	-.88277	.00623	-.12432	-.00855	-.30783	.00637	-.03354	5.06260	-1.69520
-1.418	195.520	-.01030	-.88403	.00387	-.12675	-.00055	-.30001	.01024	-.02969	5.05640	-1.71130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT615) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2288/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.950	195.510	-.00823	-.88121	.01094	-.11957	-.01091	-.31011	.00654	-.03336	5.07580	-1.69440
99.552	95.376	-.00705	-.87952	.01238	-.11806	-.01623	-.31526	.00248	-.03740	5.08040	-1.67840
98.590	-4.599	-.01198	-.88382	.01109	-.11925	-.02506	-.32388	-.00016	-.04000	5.07510	-1.67340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2289/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.900	-4.630	-.00583	-.87741	.01489	-.11541	-.03115	-.32988	-.00017	-.04001	5.08840	-1.66420
200.950	95.408	-.00930	-.88051	.01426	-.11599	-.02425	-.32285	.00044	-.03938	5.08460	-1.67080
193.930	195.520	-.00948	-.88024	.01334	-.11684	-.01975	-.31820	.00233	-.03747	5.08270	-1.67920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT616) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2290/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.196	-4.488	-.01360	-.88215	.01159	-.11826	-.02700	-.32470	-.00475	-.04446	5.07800	-1.64460
1.256	95.525	-.01793	-.89353	.00838	-.12253	-.02667	-.32676	-.00644	-.04645	5.06130	-1.63640
1.405	195.490	-.00463	-.88287	.00758	-.12372	-.00576	-.30674	.00976	-.03037	5.06480	-1.69810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2291/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.743	95.470	-.01185	-.88501	.01209	-.11845	-.02887	-.32813	-.00334	-.04324	5.07600	-1.64530
99.326	-4.619	-.00970	-.88313	.01473	-.11585	-.02892	-.32827	-.00234	-.04226	5.08390	-1.64960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT616) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 6.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2292/ 0 RN/L = 1.49 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.800	-4.534	-.00676	-.87825	.01769	-.11260	-.03231	-.33100	-.00193	-.04177	5.09440	-1.65040
200.000	95.479	-.00910	-.88081	.01678	-.11355	-.02873	-.32750	-.00191	-.04175	5.09070	-1.65310
201.840	195.500	.00829	-.87922	.01356	-.11665	-.02808	-.32658	-.00038	-.04019	5.08350	-1.65430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT617) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 4.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2211/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.278	-2.735	.01352	-.86207	.01703	-.11387	-.07887	-.37895	-.00170	-.04171	9.10150	4.35280
.716	97.115	.00860	-.86750	.01300	-.11798	-.07507	-.37532	-.00455	-.04459	9.08810	4.34790
.043	197.280	.00975	-.86698	.01039	-.12067	-.06526	-.36572	-.00904	-.04910	9.08170	4.35270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2212/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.940	197.210	.02122	-.85099	.01147	-.11893	-.06673	-.36567	-.00616	-.04603	9.09620	4.34430
99.815	97.113	.01182	-.85913	.01422	-.11600	-.06933	-.36784	-.00167	-.04148	9.09830	4.33410
100.330	-2.884	.01401	-.86261	.01547	-.11558	-.06687	-.36729	-.00447	-.04452	9.09660	4.34360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2213/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.880	-2.917	.01980	-.85429	.01510	-.11558	-.06031	-.35988	-.00652	-.04647	9.10210	4.33960
200.010	97.094	.01880	-.84933	.01427	-.11552	-.06228	-.35984	-.00468	-.04437	9.10530	4.34060
200.750	197.230	.01919	-.85758	.01330	-.11778	-.06760	-.36807	-.00411	-.04418	9.09470	4.34630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT618) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2214/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.215	.083	.00481	-.86492	.00952	-.12051	-.05264	-.35074	-.00420	-.04395	9.08320	2.36720
1.269	99.976	.00457	-.86417	.00687	-.12301	-.05360	-.35136	-.01391	-.05362	9.07740	2.40130
1.109	200.110	.01500	-.85370	.01120	-.11868	-.02186	-.31960	-.00166	-.04137	9.09360	2.34420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2215/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.920	200.040	.01418	-.85466	.01026	-.11964	-.04468	-.34247	-.00899	-.04871	9.09130	2.37530
100.490	99.928	.00925	-.85941	.01008	-.11979	-.05374	-.35147	-.00774	-.04744	9.08830	2.37860
98.782	-.034	.00558	-.86279	.01253	-.11730	-.05676	-.35440	-.00145	-.04115	9.09280	2.36730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2216/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.860	-.152	.00550	-.86553	.01790	-.11233	-.05626	-.35479	-.00338	-.04319	9.10260	2.36980
200.920	99.856	.00961	-.86262	.01632	-.11408	-.05518	-.35412	-.00504	-.04491	9.10080	2.37680
201.020	200.030	.00721	-.86522	.01121	-.11922	-.05935	-.35836	-.00948	-.04935	9.08690	2.39320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT619) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2217/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.681	.072	.00132	-.86664	.01528	-.11449	-.06646	-.36396	-.00125	-.04093	9.09700	2.36730
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.640	200.160	.00552	-.86565	.00826	-.12199	-.05718	-.35576	-.01318	-.05300	9.07890	2.39640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT619) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = 2.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2218/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.410	200.050	.01413	-.85751	.01223	-.11808	-.06064	-.35938	-.00542	-.04525	9.09360	2.37050
99.560	99.914	.00620	-.86246	.01122	-.11865	-.05684	-.35457	-.00128	-.04099	9.08840	2.36430
99.596	-.042	.00836	-.86037	.01395	-.11593	-.05327	-.35102	-.00248	-.04219	9.09660	2.35650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2219/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.700	-.182	.01258	-.86571	.01522	-.11608	-.04815	-.34914	-.00562	-.04574	9.09290	2.37260
200.650	99.916	.01178	-.86230	.01449	-.11619	-.05026	-.34981	-.00461	-.04456	9.09480	2.36500
200.270	200.060	.01470	-.86014	.01351	-.11728	-.05883	-.35865	-.00501	-.04499	9.09460	2.37390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT620) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2220/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.969	-.384	.00559	-.86507	.00931	-.12086	-.02119	-.31960	-.00134	-.04114	9.08270	.33322
.414	99.582	.00380	-.86645	.00768	-.12243	-.00501	-.30329	.00523	-.03455	9.07790	.30397
.246	199.570	-.00444	-.87412	.00442	-.12560	-.00260	-.30068	.00459	-.03517	9.06540	.30540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2221/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.849	199.580	.00528	-.86307	.01011	-.11972	-.01617	-.31380	.00326	-.03644	9.08620	.31352
101.260	99.381	.00709	-.86823	.01103	-.11983	-.02434	-.32432	.00106	-.03894	9.08330	.33100
100.470	-.523	.00702	-.86617	.01342	-.11712	-.03576	-.33502	-.00340	-.04331	9.09040	.34899
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT620) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2222/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.070	-.568	.00540	-.86632	.01670	-.11363	-.03517	-.33394	-.00117	-.04102	9.09920	.34032
201.130	99.405	.00233	-.87003	.01473	-.11569	-.03198	-.33097	-.00129	-.04116	9.09230	.34163
199.250	199.530	.00237	-.85925	.01390	-.11641	-.02613	-.32487	.00126	-.03857	9.09100	.33202
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT621) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2223/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.451	-.485	.00468	-.86357	.00908	-.12073	-.04350	-.34110	-.00640	-.04609	9.08350	.34924
.875	99.507	.00984	-.85904	.01175	-.11816	-.01108	-.30889	00562	-.03410	9.09290	.29046
-1.709	199.540	.00159	-.86706	.00710	-.12277	-.00116	-.29889	.00776	-.03195	9.07640	.27929
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2224/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.223	199.580	.01096	-.85873	.01300	-.11702	-.01749	-.31557	.00412	-.03564	9.09530	.30129
101.530	99.408	.01180	-.85776	.01342	-.11658	-.02575	-.32379	.00081	-.03894	9.09720	.31426
101.410	-.624	.00402	-.86557	.01316	-.11685	-.03876	-.33681	-.00299	-.04274	9.09230	.33862
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2225/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.780	99.389	.00407	-.86461	.01558	-.11430	-.03497	-.33271	-.00141	-.04111	9.09800	.33011
199.720	199.430	.00609	-.86884	.01496	-.11584	-.02939	-.32923	.00050	-.03949	9.09180	.32160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT622) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = .000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2226/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.228	-.457	-.00046	-.87549	.01214	-.11868	-.04907	-.34895	.00169	-.03829	9.08020	.35971
.838	99.424	.00132	-.87423	.00773	-.12317	-.04844	-.34851	-.00799	-.04800	9.07130	.38432
1.808	199.440	.01172	-.86303	.01067	-.12011	-.02165	-.32144	.00026	-.03971	9.08520	.33766
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2227/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.570	199.480	.01132	-.86310	.01031	-.12041	-.04015	-.33983	-.00708	-.04704	9.08460	.37208
99.838	99.363	.00566	-.86890	.01269	-.11807	-.04438	-.34411	-.00398	-.04395	9.08730	.36525
98.909	-.523	.00474	-.86883	.01453	-.11607	-.03773	-.33712	-.00298	-.04290	9.09180	.36076
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2228/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.000	-.684	.00812	-.86399	.01753	-.11285	-.04039	-.33929	-.00436	-.04422	9.10240	.36418
200.460	99.443	.01060	-.86179	.01677	-.11366	-.03999	-.33898	-.00438	-.04425	9.10220	.36384
200.710	199.440	.00637	-.86513	.01203	-.11826	-.05049	-.34918	-.00657	-.04641	9.08840	.37743
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT623) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2229/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.360	-4.403	.00409	-.86479	.01023	-.11967	-.00902	-.30683	.00390	-.03582	9.08540	-1.68510
.496	95.396	-.00025	-.86805	.00638	-.12337	-.00128	-.29873	.00678	-.03289	9.07370	-1.69350
-.385	195.430	-.00536	-.87145	.00391	-.12559	.00189	-.29497	.00654	-.03305	9.06490	-1.70350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT623) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2230/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.060	195.490	-.00364	-.87274	.00950	-.12044	-.00817	-.30606	.00480	-.03493	9.07880	-1.68970
99.782	95.359	-.00054	-.87316	.01150	-.11896	-.01447	-.31354	.00347	-.03641	9.08120	-1.68150
101.270	-4.525	.00388	-.86604	.01377	-.11628	-.02532	-.32348	.00047	-.03929	9.09240	-1.66350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2231/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.410	-4.542	.00157	-.86731	.01735	-.11255	-.02781	-.32562	-.00114	-.04085	9.10160	-1.65990
200.520	95.441	-.00062	-.86845	.01628	-.11347	-.02557	-.32302	-.00194	-.04160	9.09780	-1.65950
200.090	195.420	-.00317	-.87787	.01483	-.11594	-.01704	-.31682	.00240	-.03757	9.08630	-1.6[illegible]40
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT624) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2232/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.012	-4.416	.00192	-.86746	.01291	-.11707	-.02827	-.32625	-.00527	-.04501	9.09080	-1.67640
1.635	95.386	.00945	-.85902	.01268	-.11716	-.00200	-.29968	.00865	-.03105	9.09480	-1.73390
-.639	195.460	.00270	-.86529	.00843	-.12134	.00543	-.29208	.01087	-.02881	9.08090	-1.74700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2233/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
101.480	95.347	.01231	-.86051	.01570	-.11478	-.01738	-.31652	.00227	-.03762	9.09880	-1.70560
101.420	-4.502	.00660	-.86618	.01247	-.11801	-.02696	-.32609	-.00473	-.04462	9.08820	-1.68200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT624) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2234/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.990	-4.574	.00769	-.86444	.01836	-.11203	-.03167	-.33057	-.00269	-.04255	9.10390	-1.68090
200.740	95.388	.00803	.86452	.01747	-.11298	-.02424	-.32329	-.00064	-.04052	9.10230	-1.69520
200.070	195.460	.00726	-.86467	.01673	-.11362	-.01878	-.31762	.00153	-.03832	9.10010	-1.70830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT625) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
ALPHAB = 10.000 BETAB = -2.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2235/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.147	-4.537	.00124	-.86737	.01525	-.11461	-.02479	-.32251	-.00317	-.04288	9.09640	-1.65520
1.230	95.393	.00176	-.86587	.01121	-.11851	-.03301	-.33039	-.00688	-.04654	9.08730	-1.64270
1.366	195.450	.01414	-.85409	.01213	-.11768	-.01073	-.30832	.00186	-.03783	9.09720	-1.67570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2236/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.880	195.480	.01465	-.85216	.01165	-.11794	-.02753	-.32464	-.00616	-.04579	9.09710	-1.64410
99.882	95.375	.00983	-.85679	.01504	-.11453	-.02654	-.32359	-.00524	-.04486	9.10270	-1.64910
99.101	-4.615	.00846	-.85861	.01657	-.11307	-.02330	-.32050	-.00319	-.04283	9.10570	-1.65690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2237/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.180	-4.649	.01309	-.85790	.01864	-.11158	-.02814	-.32666	-.00506	-.04487	9.10910	-1.64510
200.520	95.405	.01436	-.85264	.01765	-.11198	-.02579	-.32297	-.00515	-.04478	9.11190	-1.65330
200.790	195.380	.01131	-.85268	.01250	-.11668	-.03438	-.33054	-.00719	-.04670	9.09950	-1.64040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT626) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1877/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.467	-2.532	-.03327	-.90092	.01043	-.11929	-.08540	-.38279	-.01292	-.05258	1.06090	14.37500
101.450	97.501	-.03475	-.90221	.01001	-.11968	-.08200	-.37932	-.01234	-.05199	1.05890	14.37200
100.840	197.480	-.02921	-.89584	.00787	-.12170	-.07232	-.36935	-.01374	-.05335	1.05750	14.36400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1878/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.250	197.460	-.02285	-.89239	.00953	-.12047	-.06798	-.36600	-.01029	-.05003	1.06320	14.35400
150.510	97.489	-.02865	-.89770	.01171	-.11822	-.08133	-.37918	-.01096	-.05068	1.06500	14.37000
149.210	-2.664	-.02528	-.89509	.01187	-.11817	-.08831	-.38642	-.01067	-.05043	1.06720	14.37000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1879/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.880	-2.707	-.02314	-.89236	.01413	-.11582	-.09699	-.39490	-.01113	-.05086	1.07410	14.37900
200.620	97.417	-.02084	-.88915	.01232	-.11749	-.08561	-.38321	-.00990	-.04959	1.07150	14.36800
199.910	197.420	-.01455	-.88437	.00997	-.12007	-.07559	-.37371	-.01018	-.04994	1.06900	14.36400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT627) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1880/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.916	.329	-.03133	-.90027	.00773	-.12218	-.05350	-.35131	-.00837	-.04808	1.05290	12.37700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
98.996	200.280	-.01479	-.88530	.00641	-.12373	-.02547	-.32382	-.00404	-.04382	1.05930	12.33700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT627) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	12.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1881/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.930	200.250	-.01276	-.88224	.00739	-.12260	-.03970	-.33770	-.00657	-.04631	1.06350	12.34900
149.680	100.360	-.01716	-.88661	.00615	-.12384	-.04476	-.34274	-.00853	-.04826	1.05690	12.36000
151.420	.237	-.02313	-.89231	.01030	-.11965	-.05878	-.35667	-.00933	-.04905	1.06390	12.36900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1882/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.050	.342	-.02026	-.89122	.00916	-.12105	-.06292	-.36141	-.01169	-.05149	1.06190	12.37900
199.880	100.350	-.01715	-.88626	.00704	-.12289	-.05164	-.34951	-.00998	-.04970	1.05950	12.36200
199.900	200.370	-.01335	-.88397	.00733	-.12282	-.05004	-.34842	-.00831	-.04809	1.06210	12.36300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT628) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	2.000	BETAB =	12.000
Y =	150.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1883/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.752	.436	-.03207	-.90273	.00933	-.12083	-.06436	-.36275	-.00866	-.04845	1.05480	12.37700
101.270	100.330	-.03446	-.90540	.00791	-.12229	-.06112	-.35961	-.00904	-.04884	1.04970	12.37400
100.010	200.470	-.01650	-.88856	.00394	-.12644	-.04115	-.34002	-.00983	-.04968	1.05090	12.36100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1884/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.670	200.370	-.01319	-.88407	.00470	-.12550	-.05434	-.35281	-.01148	-.05128	1.05470	12.37400
152.330	100.320	-.02698	-.89796	.00994	-.12028	-.06088	-.35938	-.00757	-.04737	1.05910	12.37300
149.020	.246	-.02647	-.89786	.01148	-.11879	-.06805	-.36669	-.00890	-.04872	1.06320	12.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT628) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1885/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.880	.405	-.02287	-.89412	.01279	-.11746	-.07738	-.37596	-.01158	-.05139	1.06800	12.39600
199.860	100.340	-.02044	-.89292	.01116	-.11927	-.06707	-.36608	-.00896	-.04883	1.06510	12.38400
198.960	200.510	-.01781	-.88946	.00501	-.12530	-.06681	-.36554	-.01388	-.05371	1.05240	12.39500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT629) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1886/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.322	-.041	-.01645	-.88265	.00460	-.12490	-.03507	-.33195	-.00702	-.04661	1.05650	10.35300
98.285	100.110	-.01647	-.88237	.00545	-.12401	-.02616	-.32295	-.00315	-.04273	1.06050	10.33000
100.100	199.690	-.01498	-.88053	.00575	-.12366	-.02150	-.31817	-.00074	-.04030	1.06200	10.32400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1887/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.940	199.990	-.01867	-.88448	.00605	-.12339	-.02958	-.32633	-.00375	-.04332	1.05960	10.33800
149.250	99.975	-.02374	-.88966	.00655	-.12291	-.03253	-.32933	-.00576	-.04534	1.05800	10.34900
150.060	-.166	-.01209	-.87757	.00539	-.12400	-.03370	-.33035	-.00473	-.04429	1.06240	10.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1888/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.050	99.894	-.02531	-.89246	.00467	-.12497	-.03036	-.32757	-.00526	-.04490	1.05190	10.34400
200.140	199.730	-.02085	-.88712	.00638	-.12313	-.03270	-.32961	-.00635	-.04594	1.05890	10.35100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT630) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1889/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.660	-.071	-.01976	-.88724	.00510	-.12459	-.04289	-.34021	-.00617	-.04582	1.05570	10.35500
100.720	99.927	-.01944	-.88648	.00635	-.12327	-.02919	-.32636	-.00466	-.04429	1.05910	10.34400
100.290	199.820	-.01346	-.88116	.00727	-.12246	-.02306	-.32046	-.00210	-.04177	1.06430	10.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1890/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.550	199.970	-.01615	-.88215	.00698	-.12249	-.03087	-.32768	-.00376	-.04334	1.06260	10.34400
151.180	99.999	-.01790	-.88590	.00664	-.12313	-.03378	-.33128	-.00486	-.04453	1.05980	10.34300
151.060	-.245	-.01579	-.88517	.00588	-.12409	-.04027	-.33824	-.00805	-.04779	1.05910	10.36600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1891/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.070	-.191	-.01821	-.88586	.00701	-.12271	-.03990	-.33727	-.00594	-.04560	1.06050	10.35100
200.310	99.475	-.01878	-.88679	.00591	-.12386	-.03476	-.33226	-.00416	-.04384	1.05680	10.34200
200.170	200.020	-.01927	-.88752	.00707	-.12274	-.03421	-.33179	-.00557	-.04525	1.05940	10.35100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT631) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1892/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.018	-.090	-.03007	-.89790	.00753	-.12222	-.04895	-.34638	-.00586	-.04552	1.05360	10.35600
100.230	99.879	-.02267	-.89093	.00543	-.12438	-.03410	-.33167	-.00539	-.04507	1.05280	10.34200
99.166	199.960	-.01610	-.88528	.00664	-.12330	-.02488	-.32278	-.00263	-.04236	1.05950	10.33000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT631) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1893/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.350	200.050	-.01434	-.88430	.00820	-.12186	-.03806	-.33623	-.00543	-.04519	1.06440	10.34500
150.130	99.876	-.02061	-.89056	.00715	-.12291	-.04103	-.33919	-.00667	-.04642	1.05730	10.34900
151.120	-.433	-.02405	-.89412	.01060	-.11948	-.05498	-.35317	-.00711	-.04688	1.06400	10.36700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1894/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.500	-.133	-.02303	-.89238	.00992	-.12005	-.05796	-.35590	-.00983	-.04956	1.06250	10.37000
199.590	99.791	-.01980	-.89062	.00806	-.12212	-.04762	-.34607	-.00868	-.04847	1.05970	10.36100
200.560	199.890	-.01633	-.88664	.00823	-.12188	-.04739	-.34567	-.00708	-.04685	1.05250	10.35500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT632) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1895/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.140	-4.217	-.01520	-.88590	.00502	-.12515	-.02890	-.32730	-.00435	-.04414	1.05440	8.34760
99.557	95.845	-.02220	-.89391	.00520	-.12512	-.02084	-.31959	-.00178	-.04162	1.05030	8.33820
98.902	195.810	-.01986	-.89068	.00500	-.12519	-.01780	-.31625	-.00019	-.03999	1.05140	8.33010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1896/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.000	195.770	-.02450	-.89512	.00547	-.12459	-.02504	-.32342	-.00369	-.04337	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.04960	8.34630
150.740	-4.284	-.01445	-.88590	.00576	-.12452	-.02639	-.32505	-.00242	-.04224	1.05640	8.34080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT632) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1897/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.120	-4.194	-.01579	-.88655	.00718	-.12300	-.02982	-.32824	-.00220	-.04199	1.05880	8.34280
200.120	95.872	-.03001	-.90178	.00477	-.12556	-.02506	-.32382	-.00428	-.04412	1.04330	8.34510
200.200	195.940	-.02522	-.89660	.00595	-.12433	-.02624	-.32488	-.00496	-.04478	1.05020	8.35060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT633) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1898/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.311	-3.985	-.02118	-.89273	.00463	-.12567	-.03795	-.33665	-.00365	-.04348	1.04980	8.31490
102.090	95.778	-.01881	-.88917	.00708	-.12304	-.02721	-.32550	-.00229	-.04206	1.05690	8.30510
99.868	195.880	-.01433	-.88531	.00766	-.12255	-.01924	-.31774	-.00094	-.04074	1.06110	8.29550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1899/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.860	195.970	-.01819	-.88778	.00718	-.12283	-.02757	-.32561	-.00295	-.04269	1.05930	8.30470
150.360	95.966	-.02075	-.89060	.00715	-.12289	-.02994	-.32806	-.00316	-.04291	1.05660	8.30910
151.240	-4.191	-.01774	-.88848	.00643	-.12375	-.03549	-.33391	-.00610	-.04589	1.05570	8.31810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1900/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.910	-4.239	-.01867	-.89001	.00803	-.12224	-.03558	-.33420	-.00461	-.04443	1.05930	8.31250
200.070	95.819	-.02209	-.88958	.00641	-.12329	-.03077	-.32809	-.00330	-.04295	1.05650	8.30920
200.410	195.930	-.02242	-.89172	.00792	-.12205	-.03187	-.32981	-.00495	-.04468	1.05840	8.31320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT634) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 2.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1901/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.314	-4.084	-.02735	-.89331	.00726	-.12220	-.04465	-.34145	-.00391	-.04349	1.05640	8.32730
99.849	95.907	-.02390	-.89016	.00615	-.12336	-.02991	-.32681	-.00273	-.04233	1.05590	8.33770
99.568	195.820	-.01763	-.88471	.00689	-.12275	-.02366	-.32107	-.00030	-.03993	1.06090	8.30730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1902/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.070	196.000	-.01641	-.88486	.00931	-.12053	-.03672	-.33437	-.00352	-.04322	1.06750	8.32530
150.310	95.762	-.02359	-.89103	.00821	-.12147	-.03821	-.33552	-.00482	-.04447	1.06030	8.33330
151.040	-4.408	-.02402	-.89114	.01066	-.11898	-.05247	-.34967	-.00494	-.04457	1.06570	8.34430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1903/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.740	-4.184	-.02517	-.89352	.00993	-.11989	-.05431	-.35193	-.00775	-.04744	1.06340	8.34640
200.400	95.755	-.02308	-.89123	.00882	-.12098	-.04536	-.34290	-.00701	-.04668	1.06170	8.34120
199.560	195.740	-.01949	-.88816	.00918	-.12070	-.04545	-.34318	-.00533	-.04503	1.06490	8.33680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT635) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 927/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	-2.210	.01474	-.43317	.01123	-.05619	-.09866	-.25429	-.02567	-.04690	9.50070	14.27200
-.284	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.126	197.740	.00930	-.43864	.00902	-.05841	-.07800	-.23364	-.02684	-.04807	9.49170	14.26300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT635) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 928/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.060	197.720	.02918	-.41816	.00539	-.06195	-.07434	-.22977	-.02499	-.04619	9.49550	14.25400
51.438	97.657	.02520	-.42269	.01030	-.05712	-.09688	-.25251	-.03032	-.05155	9.50520	14.28500
49.958	-2.373	.02206	-.42767	.01014	-.05755	-.09892	-.25516	-.02517	-.04648	9.50090	14.27500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 929/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.511	-2.389	.03547	-.41404	.00497	-.06268	-.10474	-.26090	-.02295	-.04425	9.49660	14.26700
100.130	97.745	.03504	-.41468	.00703	-.06066	-.10030	-.25654	-.02813	-.04944	9.50160	14.28200
98.298	197.800	.03531	-.41389	.00473	-.06288	-.09247	-.24853	-.02722	-.04850	9.49620	14.27500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 930/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.730	197.660	.04077	-.40867	.00617	-.06147	-.11835	-.27449	-.02566	-.04695	9.50320	14.28700
200.730	97.787	.03528	-.41397	.00327	-.06435	-.12396	-.28005	-.02076	-.04205	9.49300	14.27900
199.750	-2.402	.03495	-.41358	.00423	-.06328	-.12505	-.28088	-.01788	-.03913	9.49480	14.27200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT636) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 963/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.608	-2.480	.00305	-.85132	.01340	-.11434	-.11085	-.40370	-.01731	-.05637	9.09490	14.40700
.920	97.611	.00175	-.85874	.01100	-.11765	-.10278	-.39769	-.02322	-.06255	9.08150	14.41600
-1.803	197.330	.00077	-.85920	.00719	-.12137	-.08273	-.37746	-.03147	-.07077	9.07170	14.42200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT636) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 964/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.486	197.600	.01910	-.84157	.00667	-.12200	-.08186	-.37683	-.02745	-.06679	9.08180	14.41400
51.427	97.625	.00457	-.85489	.01135	-.11714	-.10011	-.39467	-.02298	-.06226	9.08480	14.41300
49.514	-2.281	.00665	-.85378	.01342	-.11522	-.10544	-.40032	-.01709	-.05641	9.09080	14.40300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 965/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.597	-2.562	.01933	-.83927	.01003	-.11833	-.10340	-.39766	-.01806	-.05730	9.09080	14.40200
99.802	97.579	.01862	-.84222	.00921	-.11949	-.10086	-.39589	-.02004	-.05938	9.08790	14.40500
99.639	197.700	.02791	-.83304	.01208	-.11663	-.08630	-.38136	-.02180	-.06114	9.10060	14.39900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 966/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.180	197.680	.02587	-.83433	.01346	-.11514	-.11550	-.41031	-.01927	-.05658	9.10290	14.41600
200.120	97.593	.02146	-.83945	.01147	-.11724	-.12553	-.42058	-.01819	-.05753	9.09490	14.42100
199.590	-2.292	.01705	-.84413	.01402	-.11472	-.12511	-.42025	-.01712	-.05648	9.09820	14.41600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT637) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 999/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.597	-2.510	-.00744	-1.06540	.01194	-.14601	-.11700	-.47857	-.01331	-.06129	8.88160	14.48100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.070	197.590	-.00764	-1.06620	.01231	-.14572	-.08909	-.45086	-.02467	-.07268	8.88220	14.49200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT637) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1000/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.430	197.710	.00859	-1.05060	.00980	-.14833	-.08071	-.44268	-.02241	-.07045	8.88520	14.48000
50.913	97.563	-.00253	-1.06320	.01354	-.14480	-.09986	-.46234	-.01437	-.06247	8.88750	14.46800
49.605	-2.428	-.00100	-1.06120	.01381	-.14446	-.10948	-.47179	-.01143	-.05951	8.88680	14.47300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1001/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.610	-2.514	.00963	-1.04980	.01327	-.14490	-.10780	-.46986	-.01215	-.06020	8.89410	14.47400
100.710	97.750	.01011	-1.04940	.01290	-.14528	-.09756	-.45965	-.01323	-.06128	8.89310	14.46600
98.461	197.640	.01526	-1.04430	.01168	-.14649	-.08532	-.44742	-.01805	-.06610	8.89370	14.47100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1002/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.170	197.680	.01705	-1.04430	.01394	-.14452	-.11652	-.47924	-.01645	-.06459	8.89940	14.49300
200.070	97.669	.01459	-1.04590	.01518	-.14315	-.12404	-.48648	-.01387	-.06197	8.90170	14.48900
199.960	-2.391	.01038	-1.05080	.01568	-.14275	-.12344	-.48611	-.01615	-.06428	8.89990	14.49600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT638) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 931/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.327	.437	.01615	-.43310	.01263	-.05499	-.08333	-.23941	-.02976	-.05105	9.50360	12.33100
-.008	100.440	.01235	-.43736	.00439	-.06330	-.02134	-.17758	-.00701	-.02932	9.48020	12.22500
-.802	200.600	.01869	-.43049	.00537	-.06223	-.01508	-.17114	.00086	-.02042	9.48660	12.20000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT638) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 932/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.611	200.610	.02954	-.41954	.00755	-.06004	-.04142	-.19745	-.00225	-.02353	9.49960	12.22300
51.046	100.560	.02709	-.42155	.00788	-.05965	-.04520	-.20107	-.00889	-.03015	9.49880	12.24500
50.083	.324	.02156	-.42749	.00938	-.05821	-.07506	-.23107	-.02610	-.04738	9.49930	12.31300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 933/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.383	.394	.03295	-.41566	.01034	-.05719	-.08142	-.23729	-.02622	-.04748	9.50930	12.31600
99.852	100.420	.03037	-.41808	.01011	-.05739	-.07321	-.22902	-.01228	-.03354	9.50700	12.27600
99.244	200.480	.03204	-.41642	.01003	-.05747	-.06805	-.22386	-.00510	-.02635	9.50740	12.25400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 934/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.450	200.470	.03326	-.41533	.00650	-.06102	-.08979	-.24564	-.02399	-.04525	9.50000	12.31700
200.620	100.420	.01894	-.42938	.00019	-.06729	-.10046	-.25622	-.03025	-.05149	9.47570	12.34500
200.400	.382	.02766	-.42052	.00896	-.05850	-.10735	-.26307	-.02445	-.04569	9.50320	12.33400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT639) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 967/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.546	.437	.00464	-.85800	.00802	-.12094	-.07796	-.37359	-.01501	-.05443	9.07320	12.44800
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-1.069	200.450	-.00012	-.85482	.00685	-.12093	-.02720	-.32015	-.00090	-.03997	9.07490	12.36800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT639) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 968/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.311	200.460	.01950	-.84272	.00916	-.11974	-.04508	-.34057	-.00067	-.04007	9.08520	12.38200
51.304	100.450	.01988	-.84408	.00765	-.12150	-.04677	-.34284	-.00576	-.04524	9.09070	12.39700
49.838	.342	.01141	-.84981	.00949	-.11927	-.07390	-.36905	-.01613	-.05549	9.08290	12.44900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 969/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.660	.143	.01399	-.84267	.00924	-.11884	-.07097	-.36458	-.01653	-.05568	9.08820	12.44400
99.931	100.490	.02320	-.83451	.00965	-.11858	-.07062	-.36458	-.00707	-.04627	9.09360	12.42300
99.387	200.510	.02587	-.83213	.01065	-.11763	-.06863	-.36270	-.00204	-.04125	9.09780	12.40400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 970/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.660	200.430	.01565	-.84352	.01296	-.11549	-.08747	-.38193	-.01150	-.05076	9.09660	12.44400
200.800	100.330	.01187	-.84675	.01132	-.11705	-.09520	-.38948	-.01783	-.05707	9.09020	12.46500
200.960	.600	.01957	-.84015	.01673	-.11180	-.09111	-.38576	-.01585	-.05514	9.10810	12.46000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT640) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1003/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.073	.622	-.00013	-1.06530	.00794	-.15108	-.07511	-.43913	-.01060	-.05890	8.87040	12.50300
1.926	100.470	-.00405	-1.07250	.00545	-.15406	-.04014	-.40526	-.00670	-.05515	8.85780	12.47500
-1.977	200.380	.00128	-1.04120	.00648	-.14916	-.03086	-.38719	-.00078	-.04808	8.88940	12.44200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT640) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1004/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.579	200.540	.01505	-1.04400	.00954	-.14857	-.04878	-.41071	-.00054	-.04858	8.88900	12.46000
50.877	100.300	.00765	-1.05300	.00854	-.14980	-.05136	-.41383	-.00562	-.05372	8.88090	12.48100
48.445	.864	.00643	-1.05320	.00935	-.14885	-.06998	-.43213	-.01071	-.05877	8.88200	12.50800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1005/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.500	.280	.01016	-1.04960	.01125	-.14697	-.07649	-.43866	-.01072	-.05878	8.88900	12.51300
99.675	100.510	.01264	-1.02970	.01083	-.14481	-.06438	-.42070	-.00572	-.05303	8.90710	12.47700
99.190	200.400	.01695	-1.03610	.01164	-.14558	-.07022	-.43013	-.00217	-.04995	8.90090	12.48000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1006/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.800	200.430	.00613	-1.04850	.01489	-.14257	-.08248	-.44293	-.00902	-.05687	8.90050	12.50500
200.320	100.450	.00560	-1.05000	.01388	-.14372	-.08706	-.44784	-.01313	-.06101	8.89730	12.52400
199.600	.370	.00482	-1.05090	.01327	-.14434	-.08898	-.44979	-.01361	-.06150	8.89470	12.52700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT641) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 935/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	.01405	-.43461	.01310	-.06665	-.09260	-.23965	-.02655	-.04785	9.50160	12.30300
.181	100.540	.01582	-.43395	.01213	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-1.248	200.490	.02257	-.42683	.00509	-.06255	-.03235	-.18849	-.00880	-.03010	9.48870	12.22200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT641) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 936/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.730	200.370	.03113	-.41822	.00661	-.06103	-.05171	-.20783	-.01189	-.03319	9.49770	12.23800
50.409	100.420	.02731	-.42222	.00712	-.06054	-.06851	-.22469	-.02534	-.04664	9.49680	12.29300
50.496	.406	.02359	-.42538	.01013	-.05744	-.07993	-.23592	-.02587	-.04715	9.50220	12.30000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 937/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.765	.372	.03467	-.41440	.00742	-.06018	-.08560	-.24162	-.02225	-.04353	9.50270	12.28900
99.163	100.430	.03617	-.41268	.00943	-.05813	-.08480	-.24074	-.02751	-.04878	9.50860	12.30800
99.902	200.480	.03142	-.41851	.00651	-.06121	-.07429	-.23060	-.01845	-.03977	9.49750	12.27300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 938/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.080	200.500	.03053	-.41885	.00068	-.06696	-.10167	-.25779	-.02553	-.04682	9.48300	12.31100
200.820	100.390	.03514	-.41500	.00548	-.06227	-.10564	-.26203	-.02351	-.04483	9.49760	12.30600
200.380	.402	.03490	-.41478	.00575	-.06193	-.10435	-.26058	-.01897	-.04028	9.49830	12.28800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT642) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 971/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.166	.416	-.00023	-.85962	.01004	-.11844	-.08547	-.38000	-.01578	-.05506	9.07820	12.42800
1.551	100.330	-.00130	-.86173	.01063	-.11800	-.08245	-.37734	-.02704	-.06636	9.07900	12.46200
.104	200.530	.00561	-.85503	.00620	-.12246	-.03353	-.32848	-.00950	-.04883	9.07160	12.37600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT642) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 972/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.510	200.390	.02016	-.84136	.00670	-.12210	-.05941	-.35467	-.01478	-.05415	9.08200	12.41400
48.854	100.490	.01066	-.84960	.00987	-.11874	-.07432	-.36914	-.02265	-.06197	9.08420	12.44800
50.832	.308	.00809	-.85225	.00984	-.11879	-.07799	-.37285	-.01522	-.05454	9.08240	12.42900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 973/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.365	.415	.01676	-.84408	.01037	-.11833	-.08586	-.38088	-.01291	-.05225	9.08880	12.42800
101.160	100.330	.01667	-.84466	.01225	-.11652	-.07581	-.37100	-.01448	-.05384	9.09350	12.42200
100.370	200.500	.01714	-.84408	.00770	-.12105	-.09334	-.38849	-.01825	-.05760	9.08220	12.44600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 974/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.360	200.530	.00744	-.85529	.00403	-.12494	-.11081	-.40647	-.03003	-.06945	9.06650	12.48900
200.570	100.400	.02105	-.84095	.01407	-.11480	-.10254	-.39795	-.01791	-.05730	9.09990	12.45500
200.090	.410	.01603	-.84662	.01473	-.11424	-.10553	-.40117	-.01692	-.05634	9.09790	12.45500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT643) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1007/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.694	.398	-.00294	-1.05970	.00998	-.14779	-.08408	-.44524	-.01196	-.05989	8.88140	12.50100
.679	100.250	-.00520	-1.06160	.00980	-.14791	-.08061	-.44166	-.01694	-.06486	8.87940	12.51200
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT643) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1008/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.955	200.410	.01376	-1.04240	.00724	-.15044	-.05942	-.42038	-.01214	-.06005	8.88480	12.48300
50.541	100.360	.00319	-1.05450	.01094	-.14697	-.07470	-.43617	-.01453	-.06251	8.88700	12.50100
49.844	.346	.00469	-1.05210	.01143	-.14634	-.07860	-.43977	-.01055	-.05648	8.88920	12.49300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1009/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.110	.398	.01268	-1.04330	.01215	-.14550	-.08200	-.44289	-.01075	-.05864	8.89580	12.49700
100.360	100.340	.00985	-1.04660	.01217	-.14555	-.07567	-.43672	-.01169	-.05961	8.89360	12.49500
99.871	200.570	.01299	-1.04530	.00859	-.14941	-.09040	-.45207	-.01393	-.06193	8.88680	12.51100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1010/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.940	200.610	.00379	-1.05430	.00908	-.14888	-.10754	-.46914	-.02351	-.07150	8.88190	12.55000
201.070	100.330	.01466	-1.04230	.01623	-.14158	-.10049	-.46173	-.01323	-.06117	8.90650	12.52200
200.140	.275	.00695	-1.04870	.01572	-.14219	-.10353	-.46500	-.01606	-.06403	8.90130	12.53500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT644) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 939/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.344	-.026	.01544	-.43526	.00704	-.06079	-.01024	-.16682	.00129	-.02006	9.48770	10.17700
.796	99.879	.00945	-.44104	.00425	-.06355	-.00588	-.16238	.00107	-.02027	9.47690	10.17300
.493	199.930	.00737	-.44315	.00448	-.06333	-.00952	-.16604	.00110	-.02024	9.47650	10.17400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT644) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 940/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.343	200.000	.01455	-.43688	.00469	-.06325	-.01731	-.17414	.00178	-.01961	9.48090	10.18200
49.789	100.090	.01710	-.43375	.00516	-.06269	-.01544	-.17207	.00117	-.02019	9.48380	10.18200
49.521	-.207	.02507	-.42545	.00656	-.06125	-.01929	-.17580	.00073	-.02061	9.49260	10.18200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 941/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.610	-.165	.03161	-.41961	.01089	-.05702	-.03242	-.18917	-.00040	-.02177	9.50680	10.19500
99.301	99.924	.02698	-.42367	.00844	-.05939	-.03177	-.18832	.00050	-.02085	9.49820	10.19600
100.060	199.960	.02307	-.42817	.00680	-.06111	-.03129	-.18804	.00108	-.02029	9.49120	10.19100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 942/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.400	199.990	.02823	-.42284	.01173	-.05616	-.04088	-.19757	-.00483	-.02620	9.50690	10.21500
200.740	99.949	.02818	-.42363	.01352	-.05448	-.04693	-.20388	-.00651	-.02791	9.51120	10.22700
199.910	-.116	.02665	-.42492	.01501	-.05295	-.05640	-.21327	-.00880	-.03019	9.51360	10.23700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT645) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 975/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.311	.065	.00533	-.85218	.00676	-.12144	-.02520	-.31911	.00022	-.03898	9.07630	10.35100
[illegible]	[illegible]	[illegible]	[illegible]								
.402	199.990	-.00326	-.86138	.00431	-.12399	-.01311	-.30722	.00111	-.03811	9.06420	10.33800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT645) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 976/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.522	199.980	.00484	-.85363	.00567	-.12268	-.02412	-.31835	.00006	-.03918	9.07300	10.35000
51.282	99.901	.00987	-.84742	.00745	-.12072	-.02782	-.32165	.00016	-.03902	9.08050	10.35400
48.407	-.117	.01121	-.84591	.00823	-.11991	-.03626	-.33003	-.00157	-.04075	9.08310	10.35900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 977/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.629	.051	.01429	-.84414	.00985	-.11849	-.04318	-.33739	-.00262	-.04205	9.08840	10.36900
100.380	99.945	.01193	-.84637	.00873	-.11959	-.03667	-.33084	.00002	-.03921	9.08460	10.36200
99.132	199.970	.00391	-.84822	.00691	-.12139	-.03718	-.33129	.00043	-.03879	9.07860	10.35400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 978/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.680	200.100	.00790	-.85141	.01133	-.11714	-.04384	-.33835	-.00432	-.04359	9.08820	10.37700
201.370	99.922	.00618	-.85229	.01126	-.11708	-.03481	-.32904	-.00552	-.04476	9.08700	10.37200
199.940	-.069	.01170	-.84823	.01256	-.11600	-.04817	-.34289	-.00226	-.04157	9.09280	10.37500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT646) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1011/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.729	.023	.00025	-1.04680	.00557	-.15076	-.03318	-.39107	-.00310	-.05060	8.88040	10.43100
.500	99.900	-.00120	-1.04990	.00799	-.14857	-.02715	-.38558	-.00052	-.04809	8.88440	10.42000
1.346	199.930	-.00864	-1.05660	.00506	-.15141	-.02245	-.38065	-.00003	-.04758	8.87230	10.41400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT646) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1012/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.595	200.020	.00111	-1.04730	.00650	-.15003	-.03045	-.38879	.00031	-.04725	8.88110	10.42300
51.016	99.916	.00331	-1.04570	.00785	-.14876	-.03405	-.39259	-.00056	-.04815	8.88580	10.42900
49.517	-.093	.00275	-1.04590	.00743	-.14914	-.04115	-.39958	-.00525	-.05283	8.88460	10.44500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1013/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.700	-.100	.00441	-1.04620	.00845	-.14841	-.04616	-.40526	-.00486	-.05253	8.88720	10.44800
99.940	99.737	.00377	-1.04560	.00836	-.14832	-.04071	-.39939	-.00021	-.04782	8.88640	10.43200
98.426	199.980	.00215	-1.04860	.00726	-.14961	-.03825	-.39738	.00059	-.04708	8.88210	10.43000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1014/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.680	199.990	-.00120	-1.05010	.00992	-.14668	-.04413	-.40262	-.00721	-.05479	8.88710	10.45200
199.710	99.832	-.00527	-1.05670	.00913	-.14785	-.03775	-.39710	-.00349	-.05119	8.88170	10.43900
199.930	-.157	.00096	-1.05130	.01194	-.14516	-.05337	-.41300	-.00065	-.04838	8.89210	10.44000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT647) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 943/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.152	99.992	.02003	-.43258	.00547	-.06265	-.00683	-.16405	.00441	-.01702	9.48470	10.16900
-.044	200.020	.02044	-.43150	.00628	-.06174	-.00760	-.16459	.00305	-.01836	9.48700	10.17100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT647) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 944/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.217	200.050	.03056	-.42195	.00891	-.05919	-.03031	-.18750	.00194	-.01949	9.50010	10.19100
50.374	99.962	.02926	-.42316	.00900	-.05909	-.02982	-.18696	.00307	-.01836	9.49910	10.19000
50.663	-.109	.02833	-.42453	.00886	-.05930	-.03217	-.18947	.00026	-.02119	9.49800	10.19100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 945/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.310	-.035	.02797	-.42460	.01342	-.05469	-.05367	-.21087	-.00560	-.02703	9.50940	10.23100
99.359	99.989	.02768	-.42482	.01278	-.05532	-.04868	-.20586	-.00209	-.02352	9.50750	10.21800
99.085	200.090	.03571	-.41711	.01055	-.05759	-.04348	-.20076	.00070	-.02075	9.50660	10.19800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 946/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.990	199.900	.03319	-.42039	.01225	-.05601	-.05282	-.21037	-.00834	-.02982	9.50960	10.23600
200.500	100.080	.03146	-.42223	.01008	-.05820	-.06732	-.22490	-.01538	-.03686	9.50250	10.26600
200.590	.040	.02421	-.42900	.00849	-.05972	-.08352	-.24094	-.02115	-.04261	9.49480	10.28600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT648) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 978/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.351	-.158	.00173	-.85762	.00452	-.12395	-.02767	-.32219	-.00252	-.04179	9.06630	10.37700
-.792	99.937	.00383	-.85539	.00573	-.12273	-.02006	-.31454	.00257	-.03670	9.07020	10.35300
.539	199.960	.00650	-.85320	.00757	-.12096	-.01537	-.31001	.00093	-.03836	9.07680	10.35400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT648) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 980/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.803	199.860	.01052	-.84933	.00779	-.12076	-.02198	-.31667	.00230	-.03700	9.07910	10.35500
50.171	99.998	.01710	-.84325	.00856	-.12006	-.03637	-.33123	.00184	-.03748	9.08540	10.36500
50.193	-.155	.01160	-.84806	.00876	-.11976	-.03536	-.32999	-.00156	-.04085	9.08210	10.37600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 981/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.240	-.089	.01568	-.84518	.01119	-.11751	-.04987	-.34491	-.00454	-.04389	9.09110	10.39400
98.706	100.030	.01748	-.84177	.01135	-.11711	-.05441	-.34890	-.00090	-.04016	9.09230	10.39000
101.090	199.860	.01290	-.84835	.00944	-.11931	-.03528	-.33045	.00041	-.03895	9.08410	10.37200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 982/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.760	200.040	.01284	-.84760	.01359	-.11504	-.05243	-.34732	-.00505	-.04437	9.09470	10.39800
200.310	99.840	.01237	-.84939	.01337	-.11546	-.05614	-.35148	-.00724	-.04662	9.09340	10.40600
200.400	-.229	.01172	-.84971	.01293	-.11585	-.06118	-.35641	-.00878	-.04814	9.09140	10.41100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT649) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1015/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.013	99.915	-.00087	-1.05230	.00573	-.15124	-.02483	-.38417	.00132	-.04838	8.87440	10.42700
-.700	199.770	.00004	-1.05350	.00711	-.15018	-.02219	-.38229	.00001	-.04778	8.87800	10.43000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT649) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1016/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.872	199.880	.00977	-1.04250	.00843	-.14867	-.03885	-.39849	-.00035	-.04808	8.88750	10.44200
48.706	99.894	.00779	-1.04440	.00873	-.14836	-.04075	-.40037	.00035	-.04738	8.88710	10.44500
51.130	-.117	.00348	-1.04970	.01047	-.14677	-.05510	-.41505	-.01087	-.05864	8.88850	10.48100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1017/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.010	-.251	.00636	-1.04630	.01038	-.14679	-.05953	-.41932	-.00849	-.05624	8.89030	10.47900
100.090	99.899	.01237	-1.04120	.01209	-.14520	-.05687	-.41694	-.00197	-.04976	8.89760	10.45800
101.000	199.870	.00666	-1.04750	.00994	-.14743	-.04223	-.40250	-.00015	-.04797	8.88850	10.44600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1018/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.530	199.900	.00467	-1.04950	.01332	-.14406	-.05441	-.41469	-.00503	-.05285	8.89580	10.46300
200.310	99.860	.00251	-1.05240	.01108	-.14642	-.04970	-.41024	-.00433	-.05218	8.88880	10.45800
200.260	-.116	.00435	-1.05020	.01119	-.14625	-.05809	-.41849	-.00487	-.05271	8.88990	10.46400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT650) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 947/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.180	-.067	.01968	-.43569	.01414	-.05439	-.07002	-.22818	-.02762	-.04917	9.50400	10.30000
-.113	99.957	.01772	-.43793	.00462	-.06395	-.02028	-.17852	-.00434	-.02591	9.47790	10.20000
-.763	189.970	.02283	-.43280	.00480	-.06377	-.01764	-.17508	.00368	-.01788	9.48190	10.17500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT650) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 948/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.820	200.020	.02944	-.42653	.00808	-.06054	-.04027	-.19862	-.00004	-.02162	9.49370	10.20200
50.873	99.823	.02724	-.42849	.00885	-.05973	-.04351	-.20177	-.00647	-.02804	9.49420	10.22200
50.076	-.091	.02224	-.43328	.01051	-.05804	-.06276	-.22095	-.02573	-.04729	9.49590	10.28700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 949/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.826	-.051	.03124	-.42547	.01035	-.05838	-.06852	-.22713	-.02443	-.04604	9.50050	10.29000
99.991	99.992	.02579	-.43033	.01175	-.05689	-.06579	-.22419	-.01145	-.03304	9.50080	10.25200
99.076	199.970	.02803	-.42858	.01110	-.05761	-.05869	-.21726	-.00487	-.02648	9.49990	10.23100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 950/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.180	200.170	.03102	-.42438	.00692	-.06161	-.07818	-.23633	-.02316	-.04472	9.49240	10.29500
200.640	99.980	.01955	-.43714	.00179	-.06694	-.08622	-.24482	-.02673	-.04834	9.47200	10.30600
200.130	-.116	.03348	-.42326	.00842	-.06030	-.08578	-.24439	-.02180	-.04342	9.49680	10.29100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT651) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 983/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.245	-.056	.00273	-.85848	.00881	-.11994	-.06432	-.35947	-.01524	-.05459	9.07530	10.43100
-.794	199.890	.00624	-.85682	.00699	-.12204	-.02586	-.32164	.00174	-.03770	9.07220	10.35700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT651) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 984/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.640	199.890	.02055	-.84229	.01005	-.11895	-.04762	-.34332	.00432	-.03511	9.08810	10.36500
50.909	99.938	.01894	-.84342	.00844	-.12048	-.04814	-.34368	-.00483	-.04423	9.08360	10.39200
50.507	-.047	.00846	-.85433	.00933	-.11966	-.06318	-.35886	-.01465	-.05408	9.07940	10.43100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 985/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.800	-.198	.01279	-.84975	.00982	-.11912	-.06639	-.36199	-.01395	-.05337	9.08340	10.42600
100.270	100.070	.01901	-.84366	.01087	-.11810	-.06516	-.36080	-.00772	-.04714	9.08990	10.41000
99.059	199.860	.02117	-.84238	.01209	-.11701	-.06292	-.35886	-.00115	-.04061	9.09370	10.39300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 986/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.420	200.100	.01603	-.84811	.01306	-.11613	-.07194	-.36808	-.01186	-.05135	9.09270	10.42700
200.770	99.791	.01253	-.85105	.01055	-.11856	-.08176	-.37770	-.01872	-.05818	9.08420	10.45100
199.250	-.158	.01747	-.84573	.01590	-.11315	-.08296	-.37878	-.01430	-.05375	9.10060	10.44100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT652) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1019/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.790	-.247	-.00104	-1.05550	.00799	-.14944	-.06477	-.42516	-.01117	-.05900	8.87830	10.43100
.108	99.929	-.00209	-1.05710	.00522	-.15230	-.03518	-.39577	-.00697	-.05483	8.87020	10.45800
-.569	200.010	.00270	-1.05250	.00562	-.15191	-.02901	-.38963	.00169	-.04617	8.87390	10.43300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT652) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1020/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.297	199.960	.01228	-1.04170	.00919	-.14816	-.04904	-.40924	.00338	-.04442	8.88910	10.44000
50.946	99.904	.00850	-1.04680	.00921	-.14834	-.04763	-.40830	-.00406	-.05193	8.88630	10.45800
49.609	-.224	.00575	-1.04900	.00904	-.14844	-.06089	-.42138	-.00985	-.05770	8.88400	10.48500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1021/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.580	-.098	.01028	-1.04520	.01187	-.14571	-.07087	-.43160	-.00811	-.05598	8.89400	10.48800
100.250	99.942	.00994	-1.04480	.01121	-.14625	-.05877	-.41923	-.00567	-.05351	8.89230	10.47200
99.287	199.940	.01391	-1.04000	.01279	-.14455	-.06367	-.42386	-.00126	-.04906	8.89840	10.46400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1022/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.720	199.970	.00640	-1.04950	.01515	-.14249	-.07084	-.43171	-.00932	-.05722	8.89950	10.48800
199.240	99.808	.00580	-1.04930	.01409	-.14343	-.07735	-.43794	-.01302	-.06087	8.89590	10.50400
199.420	-.207	.00368	-1.05140	.01289	-.14462	-.08050	-.44108	-.01362	-.06148	8.89220	10.51000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT653) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 951/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.360	-3.997	.01996	-.43730	.00583	-.06298	-.00643	-.16521	.00494	-.01670	9.48040	8.17080
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.393	195.870	.00875	-.44938	.00447	-.06447	-.00873	-.16782	.00349	-.01819	9.46990	8.17810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT653) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 952/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.196	196.070	.01436	-.44090	.00507	-.06344	-.01451	-.17263	.00438	-.01717	9.47750	8.17420
49.609	95.844	.01762	-.43886	.00526	-.06343	-.01354	-.17206	.00456	-.01705	9.47860	8.17670
49.723	-4.150	.02588	-.43110	.00686	-.06190	-.01508	-.17377	.00506	-.01656	9.48700	8.17680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 953/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.230	-4.152	.03235	-.42588	.01184	-.05711	-.02608	-.18520	.00211	-.01958	9.50250	8.19480
99.249	95.911	.02837	-.42966	.00976	-.05916	-.02605	-.18509	.00169	-.01998	9.49510	8.19750
100.220	195.980	.02352	-.43410	.00811	-.06075	-.02497	-.18387	.00189	-.01976	9.48770	8.19300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 954/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.420	196.030	.03093	-.41157	.01132	-.05529	-.03305	-.18685	-.00436	-.02536	9.51620	8.20950
200.640	96.035	.03089	-.41127	.01313	-.05344	-.03837	-.19206	-.00567	-.02664	9.52080	8.21700
200.220	-4.049	.02907	-.41252	.01528	-.05120	-.04681	-.20029	-.00737	-.02832	9.52490	8.22630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT654) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 987/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.460	-4.051	.00662	-.85934	.00572	-.12374	-.01774	-.31450	.00260	-.03697	9.06690	8.33990
2.634	95.906	-.00050	-.86596	.00441	-.12497	-.00982	-.30641	.00284	-.03670	9.05910	8.33180
-.248	195.950	-.00348	-.86830	.00421	-.12507	-.01010	-.30647	.00227	-.03725	9.05670	8.33520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT654) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 988/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.808	195.960	.00443	-.86122	.00604	-.12337	-.02099	-.31765	.00222	-.03733	9.06590	8.33870
51.084	95.719	.01111	-.84900	.00806	-.12053	-.02410	-.31887	.00234	-.03696	9.08030	8.34190
48.497	-4.114	.01221	-.84880	.00868	-.12005	-.03044	-.32563	.00119	-.03815	9.08150	8.35010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 989/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.717	-4.150	.01498	-.83876	.01089	-.11675	-.03650	-.32912	-.00083	-.03985	9.09540	8.35750
99.467	95.841	.01257	-.84247	.01013	-.11771	-.03257	-.32564	.00141	-.03768	9.09210	8.34690
99.082	196.090	.00953	-.84425	.00795	-.11970	-.03366	-.32630	.00160	-.03743	9.08460	8.34740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 990/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.750	195.990	.00914	-.84615	.01232	-.11556	-.03982	-.33298	-.00472	-.04382	9.09480	8.36880
201.160	95.942	.00662	-.84824	.01319	-.11462	-.03543	-.32844	-.00566	-.04474	9.09540	8.36960
199.900	-4.159	.01288	-.84250	.01278	-.11511	-.04252	-.33570	-.00197	-.04107	9.09820	8.37010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT655) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1023/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.987	96.130	-.00060	-1.05550	.00665	-.15085	-.02093	-.38147	.00043	-.04742	8.87280	8.40990
1.288	195.870	-.00863	-1.06480	.00495	-.15274	-.01655	-.37753	.00115	-.04676	8.86300	8.40490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT655) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1024/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.079	196.040	.00201	-1.05350	.00719	-.15039	-.02821	-.38895	.00186	-.04602	8.87520	8.41340
50.479	95.910	.00319	-1.05270	.00846	-.14918	-.02938	-.39026	.00093	-.04697	8.87950	8.41170
49.685	-4.252	.00261	-1.05350	.00787	-.14980	-.03532	-.39626	-.00265	-.05055	8.87760	8.43390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1025/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.849	-4.006	.00449	-1.05120	.00968	-.14793	-.04120	-.40198	-.00374	-.05162	8.88320	8.43960
99.951	95.916	.00420	-1.05180	.00951	-.14814	-.03596	-.39685	.00092	-.04698	8.88220	8.42020
99.517	195.800	.00228	-1.05430	.00815	-.14959	-.03500	-.39610	.00155	-.04637	8.87730	8.42120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1026/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.290	196.050	-.00002	-1.05720	.01046	-.14736	-.04325	-.40453	-.00681	-.05475	8.88140	8.44970
199.870	95.904	-.00383	-1.06180	.00955	-.14839	-.03187	-.39342	-.00396	-.05194	8.87610	8.43210
199.720	-4.073	.00303	-1.05340	.01264	-.14507	-.04513	-.40616	-.00139	-.04930	8.88840	8.43190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT656) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 955/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.152	-4.112	.01458	-.42813	.00441	-.06224	-.01332	-.16719	.00220	-.01880	9.48840	8.15960
-1.653	95.808	.02223	-.42555	.00602	-.06139	-.00645	-.16204	.00718	-.01405	9.49210	8.13980
.414	195.960	.01980	-.42831	.00327	-.06418	-.00747	-.16317	.00678	-.01446	9.48330	8.14350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT656) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 956/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.174	196.060	.02266	-.42518	.00718	-.06023	-.02194	-.17754	.00787	-.01336	9.49480	8.15310
49.938	95.890	.02471	-.42338	.01034	-.05710	-.02589	-.18158	.00361	-.01763	9.50410	8.16890
50.980	-4.053	.02617	-.42256	.01090	-.05664	-.03140	-.18730	.00033	-.02093	9.50590	8.18680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 957/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.070	-4.160	.02539	-.42304	.01453	-.05297	-.04819	-.20400	-.00573	-.02698	9.51460	8.20400
99.466	95.814	.02591	-.42245	.01424	-.05325	-.04043	-.19621	-.00232	-.02356	9.51400	8.19250
98.718	195.920	.03388	-.41563	.01065	-.05701	-.03015	-.18633	.00338	-.01792	9.50950	8.15810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 958/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.530	195.930	.03765	-.41146	.01141	-.05619	-.04080	-.19684	-.00745	-.02873	9.51420	8.20140
200.060	95.601	.03083	-.41836	.01012	-.05749	-.05579	-.21185	-.01534	-.03663	9.50690	8.23860
200.570	-4.195	.02446	-.42486	.00688	-.06074	-.07058	-.22669	-.02199	-.04328	9.49440	8.26950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT657) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 991/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.382	-3.969	.00196	-.85429	.00501	-.12301	-.02524	-.31872	-.00351	-.04265	9.07140	8.35180
-.957	95.949	.00554	-.84993	.00512	-.12278	-.01792	-.31114	.00523	-.03387	9.07350	8.31670
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT657) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 992/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.259	196.010	.01133	-.84484	.00724	-.12076	-.02044	-.31389	.00481	-.03433	9.08250	8.32450
49.856	95.997	.01334	-.84330	.00932	-.11875	-.03191	-.32552	.00443	-.03472	9.08850	8.33260
50.773	-4.211	.01291	-.84470	.00992	-.11829	-.02901	-.32295	.00016	-.03904	9.08910	8.34040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 993/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.450	-4.159	.01707	-.84019	.01161	-.11656	-.04407	-.33789	-.00319	-.04237	9.09610	8.36210
98.167	95.891	.01580	-.84094	.01244	-.11565	-.04535	-.33900	-.00044	-.03960	9.09740	8.35740
101.140	196.060	.01345	-.84318	.00990	-.11817	-.03155	-.32516	.00183	-.03732	9.08930	8.33950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 994/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.570	196.020	.01394	-.84328	.01380	-.11435	-.04442	-.33822	-.00423	-.04342	9.09880	8.36550
200.210	95.920	.01276	-.84482	.01341	-.11480	-.04686	-.34079	-.00578	-.04498	9.09760	8.37120
200.540	-4.039	.01219	-.84604	.01238	-.11593	-.05197	-.34612	-.00601	-.04524	9.09430	8.37250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT658) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1027/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.228	-3.980	-.00379	-1.06140	.00852	-.14938	-.04621	-.40967	-.01072	-.05869	8.87380	8.45920
-.871	95.854	.00009	-1.05870	.00510	-.15297	-.02222	-.38407	.00359	-.04443	8.86650	8.39870
1.169	195.880	-.00151	-1.05980	.00593	-.15206	-.01688	-.37855	.00288	-.04512	8.86730	8.39330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT658) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1028/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.000	195.930	.00287	-1.05480	.00849	-.14942	-.02505	-.38652	.00296	-.04501	8.87700	8.40060
48.802	95.937	.00561	-1.05200	.00919	-.14870	-.03699	-.39843	.00258	-.04539	8.88070	8.41550
50.191	-4.082	.00221	-1.05590	.01008	-.14790	-.04940	-.41102	-.00918	-.05717	8.88070	8.45130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1029/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.050	-4.299	.00722	-1.05170	.01060	-.14749	-.05427	-.41617	-.00730	-.05533	8.88460	8.45340
97.284	95.916	.01093	-1.04770	.01257	-.14548	-.04865	-.41044	-.00115	-.04916	8.89170	8.42780
101.330	195.900	.00550	-1.05210	.01060	-.14730	-.03726	-.39871	.00116	-.04681	8.88330	8.41820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1030/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.960	195.860	.00454	-1.05350	.01367	-.14430	-.04818	-.40978	-.00497	-.05295	8.89050	8.44260
199.550	95.942	.00407	-1.05560	.01124	-.14696	-.04365	-.40580	-.00290	-.05096	8.88360	8.43230
200.770	-4.136	.00524	-1.05370	.01147	-.14662	-.05233	-.41420	-.00426	-.05228	8.88520	8.43900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT659) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 959/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.291	-3.952	.02166	-.42806	.01540	-.05229	-.06178	-.21803	-.02360	-.04491	9.51350	8.27350
-.760	195.980	.02287	-.42684	.00554	-.06215	-.01606	-.17229	.00501	-.01630	9.48920	8.16340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT659) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 960/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.571	196.000	.02663	-.42379	.00928	-.05851	-.03372	-.19020	.00006	-.02129	9.50060	8.18820
50.926	95.917	.02401	-.42605	.01001	-.05773	-.03422	-.19058	-.00837	-.02969	9.50100	8.21090
49.935	-4.186	.02513	-.42549	.01177	-.05605	-.05614	-.21269	-.02476	-.04613	9.50630	8.26920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 961/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	-4.078	.03151	-.41922	.01062	-.05722	-.05843	-.21501	-.02256	-.04391	9.50690	8.26700
100.050	95.946	.02303	-.42782	.01267	-.05519	-.05620	-.21282	-.01135	-.03271	9.50630	8.23570
99.338	195.890	.02501	-.42536	.01170	-.05609	-.04762	-.20408	-.00505	-.02639	9.50540	8.21240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 962/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.940	196.000	.03069	-.41974	.00699	-.06080	-.06841	-.22489	-.02080	-.04213	9.49730	8.27010
200.530	96.042	.02278	-.42796	.00381	-.06402	-.07414	-.23072	-.02153	-.04288	9.48440	8.27640
200.360	-4.207	.03643	-.41461	.00792	-.05996	-.07195	-.22864	-.01810	-.03946	9.50300	8.26550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT660) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 995/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.062	-4.077	.00729	-.85659	.00796	-.12119	-.05200	-.34805	-.01479	-.05427	9.07460	8.40470
-1.211	95.986	.00380	-.86028	.00491	-.12426	-.02444	-.32056	-.00490	-.04438	9.06460	8.36440
-1.220	196.100	.00614	-.85778	.00677	-.12238	-.02426	-.32033	.00493	-.03455	9.07040	8.33490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT660) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 996/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.172	195.910	.01459	-.85743	.01183	-.11852	-.04331	-.34211	.00689	-.03294	9.08090	8.34510
50.571	95.867	.01537	-.84732	.01033	-.11865	-.04489	-.34054	-.00476	-.04418	9.08670	8.37050
50.829	-4.060	.01110	-.85003	.00871	-.12003	-.05029	-.34541	-.01466	-.05401	9.08090	8.40390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 997/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	-4.097	.01434	-.84736	.00872	-.12010	-.05623	-.35155	-.01420	-.05358	9.08330	8.40370
99.913	95.887	.01615	-.84489	.01234	-.11639	-.05806	-.35316	-.00800	-.04735	9.09370	8.38840
99.036	195.810	.01767	-.84633	.01358	-.11559	-.05361	-.34970	-.00109	-.04056	9.09400	8.37140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 998/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.310	195.900	.01711	-.84660	.01325	-.11587	-.05973	-.35572	-.01127	-.05074	9.09380	8.39450
200.940	95.893	.01140	-.85338	.01043	-.11885	-.07175	-.36811	-.01773	-.05725	9.08320	8.42570
200.170	-4.100	.01417	-.84918	.01430	-.11477	-.07351	-.36938	-.01467	-.05412	9.09480	8.41220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT661) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1031/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	-4.072	-.00003	-1.06000	.00826	-.14998	-.05659	-.41882	-.01000	-.05807	8.87330	8.46930
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-1.065	195.880	.00141	-1.06010	.00548	-.15299	-.02665	-.38943	.00477	-.04337	8.86660	8.40110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT661) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1032/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.025	195.940	.00726	-1.05420	.01039	-.14807	-.04163	-.40435	.00546	-.04267	8.88190	8.40910
50.664	95.872	.00722	-1.05220	.01022	-.14795	-.04209	-.40415	-.00397	-.05202	8.88250	8.43580
48.112	-4.133	.00694	-1.05450	.00838	-.15008	-.05120	-.41395	-.01000	-.05814	8.87700	8.45580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1033/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.180	-4.106	.00977	-1.04250	.00993	-.14717	-.05930	-.41894	-.00913	-.05686	8.89200	8.46410
100.120	95.901	.01311	-1.03210	.01236	-.14369	-.04993	-.40720	-.00595	-.05337	8.90660	8.43790
100.110	196.000	.01151	-1.05630	.01362	-.14579	-.05270	-.41760	-.00085	-.04927	8.88610	8.43500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1034/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.880	195.990	.00582	-1.03510	.01521	-.14020	-.06113	-.41692	-.00853	-.05577	8.91290	8.45830
201.240	95.816	.00596	-1.05390	.01374	-.14449	-.06777	-.42997	-.01246	-.06052	8.89010	8.47300
200.740	-4.165	.00313	-1.06870	.01248	-.14752	-.07255	-.43879	-.01219	-.06079	8.87460	8.48160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT662) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1073/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.006	-2.384	-.01084	-.45948	.00863	-.05890	-.09573	-.25162	-.02211	-.04338	5.47830	14.28100
.322	97.656	-.00908	-.46502	.00976	-.05885	-.08759	-.24594	-.02789	-.04947	5.47540	14.29600
-.087	197.610	-.00642	-.46863	.01126	-.05828	-.09345	-.25392	-.03233	-.05419	5.47420	14.31500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT662) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1074/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.977	197.710	-.00199	-.49580	.00965	-.06458	-.09184	-.26298	-.03294	-.05619	5.44230	14.32700
49.283	97.379	-.00105	-.45357	.00831	-.05980	-.08898	-.24619	-.02827	-.04971	5.48020	14.29000
49.440	-2.491	.00033	-.44560	.00809	-.05904	-.09810	-.25308	-.01927	-.04042	5.48680	14.27900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1075/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.470	-2.398	.00384	-.44591	.00972	-.05797	-.09672	-.25299	-.01990	-.04122	5.48930	14.28300
100.290	97.624	.00629	-.44458	.00919	-.05868	-.08929	-.24595	-.02683	-.04819	5.48890	14.28800
99.649	197.670	.01496	-.43628	.00973	-.05818	-.08427	-.24105	-.02841	-.04979	5.49490	14.29200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1076/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.190	197.630	.01761	-.43422	.00638	-.06163	-.10548	-.26245	-.02533	-.04673	5.48790	14.29900
199.750	97.548	.01738	-.43393	.00576	-.06217	-.10389	-.26068	-.01999	-.04138	5.48640	14.28400
200.000	-2.416	.01557	-.43607	.00604	-.06194	-.10702	-.26393	-.01740	-.03880	5.48600	14.28000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT663) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1110/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	-.01688	-1.06830	.01214	-.14499	-.09416	-.45366	-.01620	-.06395	4.88580	14.49900
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.978	197.520	-.01277	-1.06420	.01051	-.14648	-.07890	-.43829	-.01862	-.06653	4.88460	14.49200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT663) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	6.000	BETAB =	14.000
Y =	200.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 1111/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.530	197.630	-.00509	-1.05630	.01147	-.14549	-.08006	-.43038	-.01418	-.06188	4.89190	14.48100
49.117	97.461	-.00821	-1.05910	.01201	-.14489	-.08800	-.44719	-.00990	-.05758	4.89160	14.47900
49.572	-2.509	-.00538	-1.05590	.01185	-.14500	-.09384	-.45293	-.00908	-.05675	4.89310	14.47800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1112/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.300	-2.640	.00072	-1.04810	.01404	-.14255	-.09748	-.45596	-.00597	-.05356	4.90250	14.47400
99.978	97.502	-.00236	-1.05250	.01432	-.14248	-.08918	-.44814	-.00668	-.05433	4.90030	14.47100
99.990	197.590	.00118	-1.04980	.01310	-.14382	-.06716	-.42639	-.01177	-.05946	4.89920	14.46500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1113/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.290	197.500	.01482	-1.03520	.01215	-.14462	-.08526	-.44417	-.01193	-.05957	4.90650	14.48000
200.520	97.461	.01164	-1.03970	.01524	-.14173	-.09539	-.45474	-.00993	-.05763	4.91210	14.48300
199.690	-2.502	.00723	-1.04320	.01580	-.14103	-.10493	-.46396	-.01196	-.05962	4.91120	14.49700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT664) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	6.000	BETAB =	12.000
Y =	100.000	JET PC =	842.000
MACH =	4.500		

RUN NO. 1077/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.006	.447	-.01008	-.46066	.00828	-.05954	-.07129	-.22784	-.02614	-.04749	5.47630	12.25900
-1.065	100.570	-.01657	-.46701	.00044	-.06736	-.03029	-.18679	-.01305	-.03439	5.45240	12.19100
-1.228	200.450	-.00415	-.45447	.00296	-.06482	-.01017	-.16663	-.00167	-.02301	5.46630	12.15200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT664) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1078/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.445	200.630	.00787	-.44249	.00656	-.06122	-.01879	-.17526	-.00445	-.02579	5.48280	12.16700
51.294	100.390	-.00067	-.45103	.00364	-.06415	-.02934	-.18581	-.01152	-.03287	5.47050	12.19100
50.629	.546	-.00455	-.45466	.00877	-.05898	-.07238	-.22877	-.02640	-.04772	5.48110	12.26100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1079/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.465	.469	.00510	-.44515	.00994	-.05783	-.06882	-.22526	-.02179	-.04313	5.49000	12.24900
99.272	100.460	.01071	-.43929	.00366	-.06406	-.04738	-.20373	-.01357	-.03490	5.47800	12.20300
98.997	200.400	.01423	-.43549	.00630	-.06139	-.03919	-.19544	-.00862	-.02993	5.48690	12.18900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1080/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.050	200.530	.00672	-.44518	.00438	-.06364	-.08179	-.23879	-.01725	-.03866	5.47560	12.24300
200.500	100.590	-.00369	-.45463	-.00020	-.06808	-.09252	-.24920	-.02568	-.04705	5.45920	12.27200
200.200	.264	.01654	-.43394	.00802	-.05979	-.08875	-.24527	-.02142	-.04277	5.49250	12.26100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT665) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1118/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.215	.375	-.02092	-1.06620	.00690	-.14917	-.06465	-.42196	-.01197	-.05940	4.87410	12.47900
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.06136	-.41937	-.01537	-.06289	4.86940	12.48100
-1.875	200.440	-.01382	-1.06360	.00232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT665) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1119/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.724	200.370	-.00711	-1.06800	.00619	-.15220	-.03185	-.39443	-.00216	-.05028	4.86650	12.42700
51.627	100.360	-.00707	-1.05740	.00593	-.15088	-.04603	-.40503	-.00771	-.05537	4.07710	12.45100
50.359	.354	-.01441	-1.05490	.00633	-.14903	-.06539	-.42107	-.00802	-.05525	4.68150	12.46700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1120/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.060	.256	-.00520	-1.04860	.00911	-.14683	-.06716	-.42416	-.00604	-.05344	4.89130	12.45900
99.432	100.350	-.00798	-1.05620	.00692	-.14959	-.05419	-.41250	-.00816	-.05573	4.88110	12.46100
96.969	200.260	.00322	-1.02720	.00927	-.14459	-.04538	-.39766	-.00425	-.05103	4.90970	12.43800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1121/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.870	200.270	-.00022	-1.03950	.01040	-.14478	-.06500	-.42028	-.00802	-.05519	4.90220	12.46600
201.080	100.240	-.00434	-1.05390	.00947	-.14723	-.06524	-.42397	-.01087	-.05849	4.88750	12.47600
199.780	.408	-.00490	-1.05490	.00906	-.14772	-.07268	-.43159	-.01111	-.05875	4.88560	12.47900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT666) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1081/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.293	.546	-.00367	-.45531	.00650	-.06118	-.07478	-.23101	-.02316	-.04447	5.47520	12.25700
-.073	100.580	-.00538	-.45403	.01022	-.05732	-.07688	-.23278	-.02967	-.05094	5.48580	12.27200
-1.335	200.520	-.01063	-.45868	.00289	-.06456	-.04073	-.19642	-.01433	-.03557	5.46460	12.21400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT666) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 1082/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.721	200.540	.00373	-.45153	.00100	-.06751	-.04335	-.20148	-.01532	-.03688	5.46200	12.21500
51.332	100.400	.00152	-.45204	.00911	-.05915	-.07737	-.23492	-.02949	-.05097	5.48250	12.27700
49.787	.336	-.00052	-.45307	.00774	-.06038	-.07845	-.23567	-.02021	-.04165	5.47900	12.25500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1083/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.368	.202	-.00034	-.45200	.01052	-.05746	-.07463	-.23154	-.02056	-.04196	5.48640	12.25200
99.771	100.480	.00732	-.44468	.01054	-.05749	-.07131	-.22834	-.02601	-.04743	5.49120	12.25900
99.837	200.450	.01383	-.43831	-.00181	-.06987	-.06275	-.21983	-.01766	-.03908	5.46450	12.23900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1084/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.450	200.500	.00464	-.44704	.00246	-.06552	-.08862	-.24554	-.02352	-.04492	5.46990	12.27200
200.970	100.400	.01493	-.43682	.00807	-.05992	-.09221	-.24915	-.02004	-.04144	5.48960	12.26000
199.850	.436	.01427	-.43745	.00817	-.05982	-.09059	-.24752	-.01599	-.03739	5.48970	12.25200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT667) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	1500.000
MACH	=	4.500			

RUN NO. 1122/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.397	.412	-.02440	-1.07160	.00911	-.14725	-.07491	-.43286	-.01400	-.06151	4.87560	12.48300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-2.012	200.420	-.02031	-1.07030	.00236	-.15440	-.04156	-.40043	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT667) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 5.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1123/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
45.936	200.410	-.00788	-1.06260	.00511	-.15230	-.04555	-.40604	-.01004	-.05048	4.86950	12.45400
53.002	100.360	-.01818	-1.07390	.00851	-.14910	-.07198	-.43279	-.00996	-.05785	4.86900	12.47200
48.472	.370	-.01519	-1.06950	.00878	-.14863	-.07642	-.43676	-.00894	-.05677	4.87350	12.47200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1124/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.780	.367	-.00953	-1.06260	.01177	-.14546	-.07828	-.43821	-.00660	-.05438	4.88690	12.46600
99.783	100.350	-.01408	-1.06580	.01102	-.14600	-.06791	-.42737	-.00789	-.05560	4.88270	12.46300
99.970	200.530	.00098	-1.05000	.00595	-.15096	-.06125	-.42045	-.01131	-.05899	4.87990	12.46800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1125/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.720	200.360	-.00783	-1.06060	.00798	-.14920	-.08811	-.44793	-.01511	-.06287	4.87810	12.49800
200.740	100.320	-.00248	-1.04690	.01365	-.14239	-.08544	-.44246	-.01154	-.05893	4.90330	12.48300
199.570	.250	-.00471	-1.04590	.01416	-.14129	-.09128	-.44719	-.01314	-.06038	4.90580	12.49100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT668) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1085/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.030	-.036	.00048	-.45186	.00484	-.06324	-.00520	-.16234	.00204	-.01939	5.47180	10.16500
.309	99.962	.00013	-.45217	.00257	-.06551	-.00299	-.16011	.00252	-.01891	5.46570	10.16600
.362	200.110	-.00031	-.45213	.00267	-.06534	-.00457	-.16153	.00203	-.01937	5.46610	10.16800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT668) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1086/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.508	199.950	.00349	-.44779	.00531	-.06261	-.01056	-.16734	.00057	-.02081	5.47510	10.18100
50.159	99.906	.00620	-.44592	.00589	-.06216	-.00887	-.16594	.00097	-.02045	5.47820	10.17400
51.043	-.138	.00864	-.44373	.00648	-.06160	-.00911	-.16626	.00237	-.01906	5.48080	10.17200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1087/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.180	-.112	.01544	-.43728	.01007	-.05807	-.02258	-.17985	-.00200	-.02344	5.49390	10.19100
99.541	99.986	.01344	-.43929	.00812	-.06002	-.01953	-.17680	-.00185	-.02330	5.48800	10.18800
100.310	200.060	.01193	-.44046	.00630	-.06179	-.01852	-.17568	-.00156	-.02299	5.48280	10.18500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1088/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.610	199.970	.01699	-.43557	.00857	-.05954	-.02993	-.18715	-.00364	-.02508	5.49130	10.19700
200.840	99.880	.01418	-.43860	.01018	-.05797	-.03668	-.19397	-.00677	-.02822	5.49380	10.21000
200.110	.001	.01227	-.43996	.01208	-.05599	-.03866	-.19576	-.00947	-.03090	5.49710	10.22400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT669) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1126/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.736	99.830	-.01809	-1.06330	.00419	-.15247	-.02481	-.38345	-.00189	-.04949	4.86770	10.40400
2.160	199.930	-.01632	-1.06500	.00331	-.15326	-.02189	-.38034	-.00146	-.04905	4.86440	10.39900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT669) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	6.000	BETAB =	10.000
Y =	.000	JET PC =	1500.000
MACH =	4.500		

RUN NO. 1127/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.830	200.000	-.00984	-1.05910	.00650	-.15016	-.02473	-.38337	-.00097	-.04857	4.87580	10.40100
50.439	99.936	-.00884	-1.05820	.00665	-.15002	-.02981	-.38849	-.00210	-.04972	4.87700	10.40800
51.250	-.154	-.00620	-1.05680	.00374	-.15283	-.04039	-.39882	-.00685	-.05443	4.87000	10.43500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1128/ 0 RN/L = 1.55 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.280	-.185	-.00403	-1.05470	.00680	-.15028	-.04003	-.39916	-.00694	-.05461	4.87950	10.43000
103.850	100.070	-.00869	-1.05840	.00786	-.14687	-.03562	-.39442	-.00294	-.05057	4.87980	10.41200
100.140	199.920	-.00936	-1.06350	.00686	-.15053	-.03194	-.39223	-.00147	-.04929	4.87220	10.41500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1129/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.330	199.930	-.01647	-1.06790	.00774	-.14925	-.03666	-.39605	-.00508	-.05278	4.87290	10.42900
200.530	99.716	-.01607	-1.07020	.00636	-.15103	-.03582	-.39611	-.00352	-.05135	4.86650	10.42200
200.790	-.220	-.00345	-1.06060	.00773	-.15010	-.04769	-.40899	-.00109	-.04904	4.87590	10.42300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT670) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	10.000	BETA =	10.000
ALPHAB =	6.000	BETAB =	10.000
Y =	50.000	JET PC =	642.000
MACH =	4.500		

RUN NO. 1089/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.074	.010	-.01140	-.46410	.00103	-.06710	-.01938	-.17665	-.00416	-.02561	5.45440	10.17200
-.998	99.948	.00124	-.45191	.00309	-.06511	.00096	-.15645	.00057	-.02090	5.46710	10.14400
-.660	200.070	-.00037	-.45308	.00196	-.06617	-.00185	-.15912	.00229	-.01915	5.46360	10.14500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT670) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1090/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.327	199.940	.00472	-.44809	.00478	-.06337	-.00676	-.16406	.00170	-.01975	5.47370	10.14600
49.906	99.955	.01027	-.44327	.00781	-.06045	-.00667	-.16422	.00094	-.02055	5.48410	10.14500
50.775	-.042	.00472	-.44848	.00578	-.06243	-.01744	-.17487	-.00407	-.02553	5.47580	10.16800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1091/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.240	-.110	.01376	-.43967	.00723	-.06101	-.02904	-.18655	-.00633	-.02781	5.48510	10.18300
99.238	99.793	.01696	-.43592	.00915	-.05901	-.02787	-.18519	-.00275	-.02421	5.49210	10.17600
98.957	200.020	.01418	-.43933	.00620	-.06005	-.02084	-.17838	-.00027	-.02175	5.48760	10.15700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1092/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.720	200.080	.01447	-.43965	.00946	-.05873	-.04291	-.20031	-.00464	-.02610	5.49150	10.18000
200.430	99.915	.01082	-.44185	.00995	-.05818	-.05300	-.21025	-.00923	-.03067	5.49040	10.20300
200.530	-.026	.00262	-.45075	.00607	-.06216	-.06596	-.22345	-.01594	-.03741	5.47540	10.23100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT671) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1130/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.161	-.051	-.02269	-1.07980	.00492	-.15290	-.05243	-.41372	-.01024	-.05819	4.85690	10.47100
.061	99.917	-.01861	-1.07770	.00254	-.15558	-.03008	-.39202	-.00485	-.05288	4.85090	10.43900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT671) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1131/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.663	199.920	-.00917	-1.03890	.00697	-.14680	-.02420	-.37627	-.00157	-.04832	4.89700	10.42000
47.953	99.938	-.00730	-1.03270	.00678	-.14634	-.02893	-.37952	-.00223	-.04879	4.90230	10.41800
51.553	-.065	-.01369	-1.05680	.00533	-.15041	-.04904	-.40560	-.00734	-.05468	4.87740	10.46000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1132/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.917	-.132	-.00622	-1.05710	.00609	-.15081	-.05291	-.41212	-.00603	-.05371	4.87620	10.46300
99.429	99.695	-.00184	-.99976	.00904	-.14000	-.03968	-.38099	-.00439	-.04875	4.93970	10.42900
100.820	199.880	-.00211	-.99674	.00848	-.14007	-.02921	-.36941	-.00194	-.04716	4.94050	10.41400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1133/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.550	199.780	-.01089	-1.09890	.00919	-.15322	-.04309	-.41480	-.00685	-.05616	4.84460	10.47600
200.370	99.849	-.00696	-1.09260	.00789	-.15417	-.04372	-.41467	-.00366	-.05287	4.84770	10.45700
198.850	-.103	-.00568	-1.08080	.00902	-.15147	-.05243	-.41980	-.00473	-.05347	4.85970	10.46500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT672) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1093/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.040	-.053	-.00367	-.45762	.00875	-.05956	-.05979	-.21748	-.02304	-.04454	5.47760	10.26700
-1.017	100.100	-.01471	-.46861	.00198	-.06633	-.02743	-.18509	-.01184	-.03334	5.45390	10.20200
-1.023	199.940	.00211	-.45177	.00311	-.06520	-.00911	-.16678	.00096	-.02054	5.46680	10.15700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT672) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1094/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.521	199.980	.01218	-.44179	.00601	-.06231	-.01775	-.17543	-.00250	-.02400	5.48030	10.17400
51.213	99.842	.00168	-.45177	.00303	-.06521	-.02793	-.18545	-.01015	-.03162	5.46680	10.20600
50.733	.003	-.00062	-.45462	.00849	-.05983	-.06189	-.21959	-.02179	-.04329	5.47870	10.26200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1095/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.620	-.212	-.00007	-.45433	.01115	-.05721	-.05765	-.21544	-.02029	-.04180	5.48550	10.25300
99.866	99.968	.01032	-.44420	.00329	-.06512	-.04690	-.20478	-.01173	-.03326	5.47220	10.22300
99.178	199.930	.01361	-.44083	.00603	-.06237	-.03870	-.19655	-.00644	-.02796	5.48110	10.20200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1096/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.690	199.990	.00299	-.45094	.00468	-.06364	-.07096	-.22864	-.01747	-.03897	5.47160	10.25100
200.430	100.050	-.00237	-.45418	.00140	-.06660	-.07638	-.23335	-.02255	-.04395	5.46260	10.27200
200.710	-.132	.01262	-.44084	.00996	-.05829	-.07519	-.23271	-.01627	-.03775	5.49160	10.25300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT673) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1134/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.955	.035	-.02211	-1.07220	.00701	-.14978	-.05547	-.41439	-.01203	-.05967	4.86940	10.46900
-1.899	199.870	-.01609	-1.05490	.00301	-.15210	-.02220	-.37731	-.00191	-.04905	4.87440	10.41300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT673) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1135/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.538	199.860	-.00600	-1.04330	.00660	-.14829	-.02712	-.38174	-.00100	-.04809	4.89130	10.41300
50.614	99.815	-.01115	-1.04560	.00657	-.14790	-.03805	-.39171	-.00597	-.05293	4.89050	10.43200
50.794	-.050	-.01156	-1.05790	.00767	-.14857	-.05520	-.41287	-.00775	-.05523	4.88200	10.45700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1136/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.060	-.076	-.00813	-1.05340	.01047	-.14561	-.06244	-.41975	-.00483	-.05227	4.89160	10.45100
100.690	100.050	-.00636	-1.05160	.00857	-.14750	-.04762	-.40492	-.00650	-.05393	4.88750	10.44300
98.578	199.990	-.00010	-1.06050	.00974	-.14857	-.04373	-.40612	-.00242	-.05051	4.87950	10.44000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1137/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.510	199.810	-.00361	-1.06330	.01120	-.14700	-.06110	-.42325	-.00742	-.05548	4.88080	10.46000
201.380	99.924	-.00547	-1.06770	.01013	-.14845	-.06053	-.42354	-.00989	-.05807	4.87550	10.47000
198.820	-.140	-.00441	-1.05270	.00976	-.14675	-.06696	-.42527	-.01011	-.05767	4.88910	10.47100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT674) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1097/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.572	-4.159	.00247	-.44749	.00365	-.06408	.00115	-.15518	.00354	-.01778	5.47220	8.16420
-.005	96.007	-.00086	-.45390	.00214	-.06604	.00061	-.15677	.00307	-.01839	5.46380	8.17340
.417	196.020	-.00044	-.45417	.00253	-.06576	-.00136	-.15897	.00212	-.01937	5.46380	8.17790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT674) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1098/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.648	196.020	.00542	-.44814	.00446	-.06380	-.00654	-.16409	.00195	-.01954	5.47250	8.17880
49.938	95.887	.00773	-.44629	.00463	-.06370	-.00601	-.16372	.00286	-.01864	5.47400	8.17770
50.860	-4.005	.01030	-.44406	.00528	-.06310	-.00362	-.16144	.00427	-.01725	5.47680	8.17070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1099/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.460	-4.118	.01717	-.43706	.00942	-.05894	-.01834	-.17612	.00086	-.02065	5.49140	8.19230
99.326	95.920	.01564	-.43797	.00774	-.06052	-.01770	-.17527	.00067	-.02082	5.48690	8.18880
99.805	196.010	.01287	-.43551	.00631	-.06120	-.01736	-.17320	.00008	-.02118	5.48660	8.18500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1100/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.620	195.970	.01581	-.44527	.00913	-.06025	-.02676	-.18685	-.00210	-.02391	5.48300	8.20740
200.470	95.955	.01219	-.43981	.01091	-.05712	-.03311	-.19014	-.00462	-.02604	5.49420	8.22190
199.450	-4.061	.01136	-.43865	.01312	-.05462	-.03405	-.19040	-.00692	-.02824	5.50140	8.22620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT675) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1138/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.979	-4.067	-.01668	-1.07640	.00186	-.15636	-.03470	-.39689	-.00713	-.05520	4.85000	8.45680
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.962	195.930	-.01723	-1.05640	.00327	-.15190	-.01711	-.37237	-.00092	-.04809	4.87420	8.41610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT675) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1139/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.601	195.030	-.00880	-1.02690	.00517	-.14586	-.02096	-.36907	-.00027	-.04651	4.90710	8.41200
50.588	95.671	-.00769	-1.01400	.00660	-.14369	-.02279	-.36693	-.00133	-.04705	4.92070	8.40570
51.384	-4.124	-.00932	-1.04030	.00404	-.14991	-.03343	-.38591	-.00715	-.05395	4.88910	8.44010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1140/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.418	-4.077	-.00648	-1.06110	.00654	-.15091	-.03671	-.39716	-.00478	-.05262	4.87330	8.45020
101.180	95.488	-.00703	-1.06500	.00775	-.15020	-.02959	-.39118	-.00165	-.04964	4.87100	8.43360
96.763	195.590	-.00886	-1.06930	.00651	-.15180	-.02653	-.38893	-.00063	-.04873	4.86570	8.43060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1141/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.070	195.930	-.01797	-1.07260	.00777	-.14969	-.03511	-.39558	-.00639	-.05423	4.86910	8.45170
198.610	95.885	-.01651	-1.05660	.00703	-.14826	-.02920	-.38474	-.00496	-.05217	4.88320	8.43440
199.660	-4.071	-.00323	-1.05850	.00853	-.14902	-.04001	-.40068	-.00128	-.04915	4.87960	8.44520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT676) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1101/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.023	-4.284	-.00994	-.46132	.00056	-.06738	-.01836	-.17518	-.00487	-.02625	5.45550	8.19030
-.948	95.937	.00446	-.44464	.00232	-.06528	.00396	-.15208	.00229	-.01899	5.47060	8.15860
-.220	195.990	.00062	-.45197	.00159	-.06653	.00018	-.15705	.00369	-.01775	5.46340	8.15730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT676) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1102/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.375	196.090	.00893	-.44485	.00474	-.06355	-.00555	-.16318	.00377	-.01772	5.47490	8.16350
49.988	95.950	.01105	-.44264	.00738	-.06090	-.00403	-.16161	.00179	-.01970	5.48230	8.16450
50.648	-4.061	.00611	-.43315	.00474	-.06140	-.01613	-.16885	-.00330	-.02415	5.48770	8.18300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1103/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.190	-4.040	.01266	-.43383	.00790	-.05931	-.02995	-.18511	-.00514	-.02631	5.49280	8.20240
99.136	95.972	.01772	-.43579	.00939	-.05886	-.02343	-.18096	-.00081	-.02229	5.49240	8.18550
99.436	196.010	.01509	-.43965	.00830	-.06013	-.02000	-.17795	.00204	-.01949	5.48660	8.16940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1104/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.580	195.910	.01452	-.43785	.01035	-.05773	-.03690	-.19405	-.00357	-.02500	5.49420	8.20400
200.910	95.984	.01088	-.44570	.01052	-.05819	-.04311	-.20168	-.00694	-.02855	5.48810	8.21600
200.590	-4.132	-.00049	-.45853	.00633	-.06259	-.05919	-.21825	-.01462	-.03630	5.46910	8.25410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT677) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1142/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.465	-4.132	-.02208	-1.08300	.00488	-.15352	-.04313	-.40573	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00449	-.05261	4.85130	8.45360
1.083	195.850	-.01329	-1.07400	.00396	-.15440	-.01762	-.38013	.00059	-.04752	4.85650	8.43550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT677) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1143/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.478	195.790	-.00675	-1.06260	.00710	-.15054	-.02313	-.38399	-.00016	-.04806	4.87370	8.43620
47.897	95.840	-.00980	-1.06570	.00659	-.15104	-.02861	-.38948	-.00097	-.04887	4.87030	8.43930
50.385	-4.140	-.01513	-1.07220	.00483	-.15298	-.04520	-.40647	-.00530	-.05325	4.86160	8.46700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1144/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.999	-4.215	-.00622	-1.06370	.00667	-.15120	-.04805	-.40946	-.00497	-.05293	4.87160	8.46820
97.752	95.866	-.00432	-1.06100	.00925	-.14851	-.03645	-.39759	-.00276	-.05069	4.87880	8.45540
100.020	195.870	-.00490	-1.06190	.00891	-.14890	-.02793	-.38920	-.00089	-.04884	4.87770	8.44240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1145/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.790	195.880	-.01057	-1.06800	.00997	-.14790	-.04133	-.40272	-.00589	-.05386	4.87680	8.47060
199.690	95.703	-.00601	-1.06380	.00827	-.14965	-.03826	-.39979	-.00283	-.05082	4.87450	8.45730
199.310	-4.100	-.00364	-1.06150	.00937	-.14856	-.04701	-.40854	-.00423	-.05221	4.87870	8.46590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT678) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1105/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.033	-4.076	.00176	-.45297	.00765	-.06078	-.05283	-.21077	-.01921	-.04074	5.47750	8.24850
-.782	96.159	-.00946	-.46349	.00227	-.06605	-.02666	-.18436	-.01049	-.03199	5.45670	8.20290
.368	196.030	.00281	-.44909	.00280	-.06522	-.01092	-.16791	.00077	-.02063	5.46800	8.16350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT678) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	8.000
Y	=	100.000	JET PC	=	642.000
MACH	=	4.500			

RUN NO. 1106/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.381	195.930	.01417	-.43949	.00504	-.06323	-.01721	-.17479	-.00060	-.02208	5.47920	8.16740
51.199	96.000	.00117	-.45297	.00339	-.06496	-.02541	-.18316	-.01040	-.03191	5.46670	8.19810
50.802	-4.132	-.00086	-.45491	.00924	-.05909	-.05327	-.21099	-.01789	-.03939	5.48040	8.24010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1107/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.577	-4.206	-.00125	-.45166	.01197	-.05582	-.05317	-.20966	-.01635	-.03770	5.49050	8.23130
99.176	95.845	.00695	-.44044	.00306	-.06428	-.04136	-.19683	-.01038	-.03159	5.47650	8.21220
99.401	196.020	.01338	-.43930	.00544	-.06269	-.03435	-.19160	-.00455	-.02599	5.48090	8.19350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1108/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.290	196.000	.00421	-.44833	.00547	-.06263	-.05894	-.21615	-.01576	-.03720	5.47580	8.24150
200.650	95.924	-.00041	-.45456	.00372	-.06463	-.06682	-.22457	-.01860	-.04011	5.46690	8.25250
201.020	-4.256	.00934	-.44473	.01230	-.05604	-.06436	-.22208	-.01226	-.03376	5.49390	8.23870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT679) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	10.000	BETA	=	10.000
ALPHAB	=	6.000	BETAB	=	8.000
Y	=	100.000	JET PC	=	1500.000
MACH	=	4.500			

RUN NO. 1146/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.610	-4.063	-.01906	-1.07730	.00665	-.15135	-.05135	-.41302	-.00949	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.01231	-.06032	4.86150	8.48330
-1.320	195.980	-.01513	-1.07440	.00338	-.15476	-.02240	-.38442	.00004	-.04800	4.85620	8.43150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT679) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1147/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.465	195.900	-.00650	-1.06460	.00686	-.15112	-.02766	-.38931	.00131	-.04668	4.87050	8.43190
51.865	95.734	-.01397	-1.07270	.00699	-.15108	-.03867	-.40051	-.00647	-.05449	4.86620	8.45590
51.225	-4.200	-.01519	-1.07270	.00706	-.15082	-.05488	-.41631	-.00495	-.05292	4.86580	8.46890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1148/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.290	-4.146	-.01010	-1.05990	.01073	-.14602	-.05913	-.41796	-.00220	-.04984	4.88700	8.45640
99.756	95.867	-.00872	-1.05760	.00885	-.14774	-.04415	-.40266	-.00446	-.05204	4.88340	8.45440
99.687	195.860	-.00289	-1.05130	.01040	-.14613	-.04036	-.39871	.00003	-.04754	4.89100	8.43630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1149/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.820	195.800	-.00535	-1.05450	.01170	-.14494	-.05680	-.41540	-.00610	-.05370	4.89260	8.46980
200.220	95.857	-.00674	-1.05620	.01010	-.14659	-.05777	-.41647	-.00862	-.05623	4.88780	8.47880
199.340	-4.129	-.00783	-1.05680	.01015	-.14646	-.06414	-.42269	-.00824	-.05583	4.88670	8.47970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT680) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1186/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.005	-2.075	-.05394	-.50392	-.00057	-.06830	-.07702	-.23335	-.01943	-.04075	-10.57300	14.23300
2.029	97.631	-.05451	-.50505	-.00088	-.06868	-.08275	-.23924	-.02047	-.04101	-10.57400	14.23600
.371	197.630	-.05521	-.50588	-.00040	-.06823	-.08355	-.24013	-.01656	-.03792	-10.57300	14.22800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT680) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1187/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.430	197.690	-.05189	-.50202	-.00123	-.06898	-.07126	-.22765	-.01360	-.03493	-10.57300	14.21100
49.605	97.609	-.05303	-.50318	-.00022	-.06797	-.07079	-.22718	-.01492	-.03625	-10.57200	14.21000
48.570	-2.422	-.05052	-.50120	-.00038	-.06822	-.06638	-.22295	-.01535	-.03670	-10.57100	14.21300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1188/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	-2.435	-.04663	-.49575	.00023	-.06737	-.05473	-.21077	-.01161	-.03290	-10.56600	14.19100
100.840	97.693	-.04843	-.49883	-.00036	-.06815	-.05774	-.21422	-.01191	-.03326	-10.56900	14.19600
100.250	197.740	-.04810	-.49765	-.00061	-.06827	-.06183	-.21801	-.01151	-.03282	-10.56900	14.20300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1189/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.010	197.860	-.04112	-.49091	.00231	-.06539	-.04288	-.19915	-.01057	-.03188	-10.55800	14.18400
199.900	97.812	-.03887	-.48818	.00204	-.06559	-.04192	-.19803	-.00864	-.02994	-10.55600	14.17500
198.140	-2.327	-.03879	-.48785	.00290	-.06469	-.04179	-.19781	-.00811	-.02940	-10.55400	14.17800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT681) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1222/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	-2.319	-.02014	-1.06980	.00439	-.15232	-.05131	-.41006	-.00986	-.05747	-11.13800	14.40500
-1.497	97.833	-.02417	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.144	197.700	-.02451	-1.07150	.00105	-.15526	-.05815	-.41600	-.00994	-.05744	-11.14700	14.40900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT681) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1223/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
47.675	197.840	-.02615	-1.06990	-.00010	-.15593	-.04732	-.40407	-.00537	-.05273	-11.14700	14.38900
51.076	97.545	-.02940	-1.07230	-.00002	-.15573	-.04552	-.40199	-.00681	-.05413	-11.14800	14.38700
50.991	-2.349	-.02944	-1.07060	.00083	-.15462	-.04239	-.39826	-.00683	-.05408	-11.14600	14.39000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1224/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.130	-2.487	-.03038	-1.07090	.00088	-.15448	-.03707	-.39275	-.00366	-.05088	-11.14500	14.37500
97.880	97.384	-.03243	-1.07350	-.00068	-.15612	-.03845	-.39430	-.00292	-.05016	-11.15100	14.37600
99.678	197.530	-.03398	-1.07740	-.00117	-.15696	-.04158	-.39823	-.00237	-.04971	-11.15500	14.38000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1225/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.460	197.620	-.03198	-1.07790	.00066	-.15550	-.03443	-.39193	-.00162	-.04908	-11.15200	14.37000
201.340	97.517	-.02783	-1.07500	.00187	-.15448	-.03218	-.39011	-.00068	-.04819	-11.14700	14.36400
200.350	-2.436	-.02741	-1.07280	.00238	-.15370	-.03491	-.39222	-.00284	-.05027	-11.14500	14.37500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT682) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1190/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.899	.655	-.04281	-.49179	-.00453	-.07211	-.05575	-.21175	-.01567	-.03695	-10.57500	12.21000
-.284	100.410	-.04414	-.49320	-.00564	-.07323	-.06050	-.21652	-.01774	-.03902	-10.57900	12.21800
.529	200.320	-.04119	-.49222	-.00465	-.07254	-.03507	-.19176	-.00619	-.02755	-10.57600	12.16700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT682) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1191/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.172	200.430	-.04310	-.49325	-.00601	-.07376	-.02136	-.17775	-.00528	-.02661	-10.58000	12.15900
45.626	100.510	-.03972	-.48949	-.00522	-.07292	-.03012	-.18638	-.00573	-.02705	-10.57500	12.16300
49.945	.467	-.03677	-.48661	-.00482	-.07252	-.04333	-.19961	-.01010	-.03142	-10.57300	12.18300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1192/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	.272	-.03336	-.48318	-.00395	-.07165	-.03819	-.19447	-.00513	-.02645	-10.56800	12.17100
97.279	100.640	-.03276	-.48278	-.00438	-.07211	-.01678	-.17312	-.00230	-.02362	-10.57000	12.14900
99.929	200.570	-.03370	-.48379	-.00410	-.07184	-.01488	-.17126	-.00301	-.02434	-10.56900	12.14500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1193/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.170	200.500	-.01740	-.46664	.00138	-.06624	-.00742	-.16350	.00017	-.02112	-10.54600	12.13200
200.120	100.500	-.02062	-.47004	.00049	-.06715	-.01124	-.16739	-.00160	-.02289	-10.54900	12.14500
200.810	.383	-.02744	-.47719	.00034	-.06735	-.02500	-.18125	-.00355	-.02486	-10.55400	12.15900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT683) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1226/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.410	100.360	-.03793	-1.08520	-.00268	-.15904	-.02376	-.38170	-.00223	-.04974	-11.16700	12.40500
-1.502	200.400	-.03475	-1.08290	-.00280	-.15929	-.02980	-.38803	-.00410	-.05165	-11.16400	12.41100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT683) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1227/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.818	200.820	-.04151	-1.09220	-.00193	-.15880	-.03207	-.39120	-.00290	-.05056	-11.16800	12.41500
50.475	100.340	-.04286	-1.09370	-.00230	-.15919	-.02898	-.38814	-.00045	-.04812	-11.17000	12.40300
49.458	.459	-.04302	-1.09390	-.00184	-.15873	-.02625	-.38540	-.00100	-.04867	-11.16900	12.40500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1228/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.150	.358	-.03891	-1.09030	-.00003	-.15701	-.02598	-.38532	-.00090	-.04853	-11.16200	12.40400
100.020	100.570	-.04119	-1.09110	-.00100	-.15776	-.02713	-.38598	-.00056	-.04819	-11.16600	12.40400
97.827	200.700	-.03966	-1.08970	-.00039	-.15715	-.03001	-.38888	-.00190	-.04953	-11.16300	12.41000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1229/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.840	200.420	-.03666	-1.08960	.00086	-.15604	-.02815	-.38733	-.00302	-.05070	-11.16000	12.41100
200.400	100.350	-.04108	-1.09150	.00130	-.15552	-.02931	-.38832	-.00383	-.05148	-11.16000	12.41100
201.110	.470	-.04026	-1.09130	.00077	-.15615	-.02886	-.38807	-.00385	-.05153	-11.16100	12.41200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT684) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1194/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.481	.751	-.04790	-.49735	-.00202	-.06967	-.06797	-.22413	-.01759	-.03889	-10.57200	12.23600
1.468	100.470	-.04836	-.49786	-.00281	-.07047	-.07229	-.22845	-.01625	-.03755	-10.57500	12.23100
-.012	200.570	-.04824	-.49826	-.00265	-.07039	-.07300	-.22936	-.01666	-.03799	-10.57400	12.23400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT684) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1195/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.428	200.420	-.04730	-.49675	-.00413	-.07178	-.06119	-.21735	-.01195	-.03324	-10.57700	12.21100
50.459	100.540	-.04517	-.49439	-.00347	-.07108	-.06012	-.21620	-.01097	-.03226	-10.57400	12.20900
49.200	.402	-.04448	-.49309	-.00210	-.06963	-.05580	-.21167	-.01131	-.03257	-10.57000	12.20500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1196/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.520	.382	-.04023	-.48944	-.00135	-.06896	-.04496	-.20103	-.00703	-.02832	-10.56600	12.18400
99.963	100.430	-.04121	-.49031	-.00289	-.07049	-.04967	-.20570	-.00765	-.02894	-10.57000	12.19300
97.348	200.440	-.04015	-.48928	-.00147	-.06907	-.03093	-.18698	-.00471	-.02599	-10.56600	12.16800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1197/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.190	200.450	-.03397	-.48405	-.00053	-.06827	-.01730	-.17367	-.00285	-.02418	-10.56100	12.15400
200.780	100.460	-.03314	-.48222	.00077	-.06683	-.03109	-.18712	-.00568	-.02696	-10.55600	12.17200
199.430	.420	-.03099	-.48102	.00194	-.06580	-.02981	-.18616	-.00427	-.02559	-10.55300	12.16900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT685) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1230/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.716	.583	-.05218	-1.10330	-.00155	-.15848	-.04123	-.40049	-.00492	-.05260	-11.17400	12.42500
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-.964	200.480	-.04793	-1.09790	-.00273	-.15949	-.04836	-.40720	-.00606	-.05369	-11.17400	12.43300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT685) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1231/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.832	200.540	-.04722	-1.09780	-.00269	-.15954	-.04215	-.40120	-.00339	-.05105	-11.17400	12.42300
51.350	100.530	-.04929	-1.09950	-.00225	-.15905	-.03748	-.39643	-.00267	-.05031	-11.17400	12.41300
51.105	.331	-.05102	-1.10090	-.00146	-.15820	-.03455	-.39337	-.00241	-.05004	-11.17300	12.40800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1232/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.710	.229	-.04777	-1.09830	-.00045	-.15729	-.03217	-.39120	-.00174	-.04940	-11.16900	12.40800
99.792	100.390	-.04663	-1.09800	-.00162	-.15859	-.03383	-.39318	-.00118	-.04887	-11.17100	12.41100
99.432	200.320	-.04669	-1.09780	-.00207	-.15900	-.03751	-.39676	-.00308	-.05076	-11.17200	12.41700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1233/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.310	200.520	-.04042	-1.09130	.00117	-.15572	-.03014	-.38930	-.00316	-.05083	-11.16000	12.41200
200.770	100.450	-.04169	-1.09230	.00166	-.15519	-.03256	-.39163	-.00297	-.05063	-11.16000	12.41100
202.300	.375	-.04250	-1.09240	.00174	-.15502	-.03249	-.39133	-.00380	-.05142	-11.16000	12.41200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT686) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1767/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.416	-2.593	-.01867	-.89173	.01085	-.11967	-.09980	-.39901	-.02003	-.05993	5.06540	14.40100
1.054	97.582	-.01615	-.89121	.01017	-.12064	-.09197	-.39185	-.02103	-.06101	5.06290	14.40200
1.324	197.520	-.00922	-.88511	.01154	-.11940	-.07818	-.37834	-.02154	-.06155	5.06940	14.39000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT686) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1768/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.265	197.300	.01065	-.86761	.01297	-.11832	-.06533	-.36628	-.01609	-.05621	5.08280	14.36600
100.170	97.595	.00775	-.87441	.01467	-.11720	-.08559	-.38787	-.01137	-.05166	5.08180	14.37100
99.479	-2.533	.00918	-.87334	.01589	-.11603	-.09493	-.39733	-.00889	-.04920	5.08510	14.37000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1769/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.790	-2.524	.01990	-.86384	.01532	-.11679	-.10170	-.40451	-.01266	-.05302	5.08950	14.38200
200.050	97.464	.02461	-.86099	.01329	-.11909	-.09349	-.39693	-.01283	-.05327	5.08560	14.38400
199.550	197.480	.03006	-.85689	.01235	-.12023	-.08850	-.39239	-.01512	-.05563	5.08450	14.38500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT687) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1770/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.775	.300	.01110	-.88083	.01039	-.12293	-.04894	-.35451	-.01404	-.05476	5.06280	12.38100
.081	100.370	.00895	-.88216	.00190	-.13130	-.02156	-.32686	-.01116	-.05185	5.04200	12.35800
-.716	200.470	.01708	-.87321	.00549	-.12758	-.00427	-.30928	-.00211	-.04276	5.05550	12.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1771/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.900	100.240	.03062	-.85810	.00888	-.12397	-.03447	-.33896	-.00742	-.04800	5.07440	12.35500
101.990	.218	.02157	-.86521	.01299	-.11956	-.04862	-.35244	-.00716	-.04766	5.08000	12.36100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON   (LVT687)   (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES   ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000   BETA = 10.000
ALPHAB = 6.000   BETAB = 12.000
Y = 100.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 1772/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.070	.512	.02858	-.85830	.01551	-.11706	-.06506	-.36893	-.01356	-.05406	5.09150	12.39100
199.960	100.290	.02418	-.86187	.01085	-.12160	-.05986	-.36345	-.01169	-.05215	5.07830	12.38200
199.550	200.260	.03195	-.84245	.01302	-.11770	-.05665	-.35630	-.00738	-.04733	5.10000	12.36400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON   (LVT688)   (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES   ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000   BETA = 10.000
ALPHAB = 6.000   BETAB = 12.000
Y = 150.000   JET PC = 1225.000
MACH = 4.500

RUN NO. 1773/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.655	.385	.00109	-.86838	.01088	-.11911	-.06558	-.36357	-.01420	-.05394	5.08100	12.37000
-.045	100.320	-.00193	-.86829	.01086	-.11866	-.06132	-.35826	-.01750	-.05710	5.08090	12.37800
.255	200.500	.00161	-.86324	.00419	-.12511	-.02587	-.32229	-.00906	-.04859	5.06750	12.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1774/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.272	200.320	.02236	-.84278	.00490	-.12444	-.05529	-.35182	-.01351	-.05305	5.08320	12.36100
99.962	100.430	.00671	-.85851	.01373	-.11562	-.05734	-.35399	-.00964	-.04919	5.09390	12.35100
100.970	.315	.00839	-.86299	.01415	-.11613	-.06776	-.36640	-.00728	-.04710	5.09130	12.35600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1775/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.620	.411	.01730	-.85028	.01714	-.11257	-.08268	-.38003	-.01054	-.05019	5.10760	12.37300
201.270	100.330	.01858	-.85081	.01423	-.11575	-.07468	-.37265	-.01129	-.05103	5.09970	12.36600
198.780	200.370	.00798	-.86194	.00649	-.12356	-.08690	-.38504	-.01981	-.05957	5.07390	12.40100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT689) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1776/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.265	.307	.00467	-.86439	.00516	-.12477	-.02113	-.31898	-.00203	-.04175	5.06860	10.33000
.778	99.892	.00511	-.86424	.00411	-.12586	-.00808	-.30602	.00036	-.03937	5.06590	10.31100
.898	200.010	.00291	-.86597	.00355	-.12635	-.00644	-.30423	.00101	-.03870	5.06360	10.31100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1777/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.663	199.850	.01150	-.85700	.00746	-.12238	-.01826	-.31592	.00042	-.03927	5.07870	10.32400
100.930	99.706	.01255	-.85559	.00871	-.12108	-.02174	-.31927	-.00052	-.04019	5.08240	10.32500
100.230	-.204	.01340	-.85485	.00823	-.12158	-.02795	-.32553	-.00417	-.04385	5.08240	10.34000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1778/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.750	-.221	.01598	-.85182	.00922	-.12052	-.03735	-.33477	-.00272	-.04238	5.08670	10.34300
199.810	99.833	.00367	-.86428	.00899	-.12078	-.02462	-.32210	-.00530	-.04497	5.07870	10.34400
199.040	199.890	.00956	-.85689	.00752	-.12202	-.02825	-.32521	-.00313	-.04273	5.07920	10.33700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT690) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1230.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1779/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.361	99.844	-.00295	-.86868	.00241	-.12703	-.00760	-.30433	-.00071	-.04028	5.05990	10.31200
.026	199.780	.00021	-.86558	.00239	-.12705	-.00554	-.30229	.00170	-.03787	5.06170	10.30300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT690) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1780/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.788	199.970	.01125	-.85495	.00848	-.12102	-.02133	-.31822	-.00086	-.04045	5.08340	10.32400
100.690	99.857	.01193	-.85290	.00913	-.12016	-.03289	-.32931	-.00312	-.04265	5.08690	10.33700
101.590	-.176	.00734	-.85747	.00778	-.12151	-.03964	-.33605	-.00732	-.04685	5.08020	10.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1781/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.150	-.275	.00720	-.85685	.00807	-.12112	-.04575	-.34191	-.00605	-.04555	5.08200	10.35500
199.770	99.968	.00527	-.86029	.00875	-.12066	-.03828	-.33495	-.00617	-.04574	5.08180	10.34700
199.880	200.020	.00878	-.85642	.00964	-.11971	-.04003	-.33658	-.00477	-.04432	5.08620	10 34600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT691) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1782/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.885	-.111	-.01116	-.87891	.00724	-.12249	-.05027	-.34767	-.01392	-.05358	5.06480	10.38800
.921	99.941	-.01288	-.88166	.00137	-.12851	-.02751	-.32526	-.00985	-.04956	5.04860	10.35500
-.715	199.940	-.00618	-.87440	.00292	-.12688	-.01084	-.30840	-.00125	-.04093	5.05650	10.32800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1783/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.300	199.780	.01249	-.85676	.00916	-.12080	-.04000	-.33792	-.00206	-.04178	5.08360	10.34200
101.090	99.832	.00531	-.86247	.00659	-.12314	-.04149	-.33890	-.00656	-.04622	5.07350	10.36300
100.200	-.192	-.00362	-.87049	.00970	-.11990	-.05288	-.34999	-.00728	-.04690	5.07670	10.36500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT691) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1784/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.610	-.243	.00328	-.85733	.01309	-.11558	-.07018	-.36518	-.01118	-.05052	5.09620	10.38200
200.430	99.780	-.00083	-.85692	.00823	-.11978	-.06434	-.35781	-.01114	-.05029	5.08560	10.38100
199.960	199.880	.00348	-.85558	.01013	-.11832	-.06336	-.35786	-.00696	-.04624	5.09010	10.37100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT692) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1785/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.686	-4.028	-.00961	-.88017	.00387	-.12627	-.02810	-.32646	-.00690	-.04668	5.05480	8.36520
2.088	95.891	-.00936	-.87815	.00197	-.12791	-.00947	-.30722	.00006	-.03964	5.05180	8.33400
.249	195.960	-.00862	-.87764	.00170	-.12822	-.00752	-.30536	.00093	-.03878	5.05110	8.32880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1786/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.542	195.930	.00138	-.87191	.00528	-.12527	-.02160	-.32088	.00072	-.03918	5.06220	8.34290
101.010	95.697	.00290	-.87154	.00685	-.12387	-.02360	-.32326	-.00006	-.04001	5.06610	8.34670
99.922	-4.184	.00253	-.86881	.00658	-.12369	-.02914	-.32776	-.00353	-.04335	5.06880	8.35370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1787/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.200	95.924	-.00917	-.87831	.00817	-.12177	-.02670	-.32458	-.00656	-.04628	5.06720	8.35920
199.280	195.970	-.00453	-.87394	.00756	-.12241	-.03149	-.32946	-.00386	-.04359	5.06810	8.36240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT693) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1788/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
1.926	-4.156	-.01825	-.90487	.00649	-.12604	-.04294	-.34672	-.01211	-.05260	5.03990	8.35350
.181	96.049	-.01279	-.88533	.00136	-.12906	-.01212	-.31114	.00107	-.03680	5.04450	8.29220
-.359	196.050	-.00957	-.87575	.00211	-.12739	-.00897	-.30585	.00259	-.03700	5.05480	8.28010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1789/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.340	196.060	.00025	-.86432	.00815	-.12111	-.02362	-.31994	.00006	-.03946	5.07630	8.30060
100.340	95.678	.00006	-.86531	.00927	-.12011	-.03524	-.33184	-.00101	-.04057	5.07920	8.31030
101.310	-4.013	-.00419	-.86954	.00769	-.12168	-.04242	-.33902	-.00555	-.04510	5.07270	8.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1790/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.600	-4.068	-.00210	-.86726	.00835	-.12100	-.04469	-.34122	-.00392	-.04347	5.07570	8.32340
200.630	95.700	-.00656	-.87249	.00898	-.12049	-.03903	-.33583	-.00477	-.04435	5.07410	8.32480
198.750	195.880	-.00317	-.86875	.00989	-.11952	-.04120	-.33787	-.00359	-.04315	5.07820	8.32340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT694) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1791/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.243	-4.150	-.01557	-.88123	.00647	-.12295	-.05078	-.34749	-.00981	-.04938	5.06280	8.37130
-.001	96.055	-.02145	-.88633	.00157	-.12774	-.03059	-.32703	-.01025	-.04979	5.04780	8.34900
-.113	195.910	-.01330	-.87887	.00235	-.12705	-.01296	-.30963	.00133	-.03823	5.05370	8.30580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT694) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1792/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.390	195.880	.00013	-.86500	.00966	-.11968	-.04023	-.33675	.00087	-.03867	5.07980	8.33380
100.740	95.886	-.00453	-.87084	.00754	-.12198	-.04300	-.33992	-.00475	-.04435	5.07150	8.34910
101.200	-4.135	-.01195	-.87609	.01017	-.11902	-.05305	-.34924	-.00465	-.04415	5.07470	8.35750
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1793/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.510	-4.143	-.00642	-.87127	.01323	-.11607	-.06778	-.36420	-.00822	-.04775	5.08550	8.38110
200.300	95.827	-.00990	-.87559	.00991	-.11952	-.06184	-.35856	-.00841	-.04798	5.07470	8.36920
199.580	195.980	-.00284	-.86843	.01161	-.11781	-.05783	-.35450	-.00498	-.04454	5.08250	8.36570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT695) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1258/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.277	-2.254	-.05710	-.92585	.00077	-.12911	-.07159	-.36930	-.01366	-.05335	-10.98600	14.38300
-.302	97.527	-.05379	-.92304	-.00090	-.13084	-.07424	-.37212	-.01334	-.05306	-10.98800	14.38600
.228	197.690	-.05508	-.93114	-.00184	-.13280	-.07588	-.37606	-.01311	-.05313	-10.99800	14.38300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1259/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.925	197.760	-.05288	-.91556	-.00245	-.13142	-.06460	-.36027	-.00964	-.04907	-10.99400	14.35700
50.216	97.616	-.05308	-.91327	-.00105	-.13023	-.06379	-.35881	-.00852	-.04824	-10.98000	14.35000
50.556	-2.378	-.05231	-.91228	-.00104	-.12961	-.05948	-.35423	-.01035	-.04966	-10.97800	14.35600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT695) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1260/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.303	-2.441	-.04811	-.90874	-.00086	-.12955	-.04771	-.34267	-.00690	-.04624	-10.97800	14.34300
99.255	97.660	-.04887	-.91233	-.00151	-.13059	-.05241	-.34833	-.00486	-.04432	-10.98100	14.33700
100.740	197.700	-.04857	-.91236	-.00237	-.13151	-.05209	-.34812	-.00539	-.04486	-10.98400	14.34000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1261/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.800	197.470	-.04460	-.90681	-.00041	-.12961	-.04110	-.33728	-.00332	-.04281	-10.97700	14.32700
200.010	97.641	-.03968	-.90349	.00091	-.12823	-.03894	-.33498	-.00251	-.04199	-10.97000	14.31800
200.820	-2.421	-.03699	-.90176	.00212	-.12717	-.04044	-.33681	-.00434	-.04386	-10.96600	14.33200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT696) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1278/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.074	.600	-.04497	-.91065	-.00211	-.13153	-.03073	-.32741	-.00385	-.04341	-10.98200	12.35300
.149	100.420	-.04013	-.90616	-.00259	-.13206	-.03239	-.32919	-.00568	-.04525	-10.98000	12.35600
-.847	200.510	-.03924	-.90510	-.00295	-.13239	-.03841	-.33516	-.00805	-.04762	-10.98000	12.37100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1279/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.600	200.340	-.03846	-.90408	-.00257	-.13198	-.03188	-.32854	-.00428	-.04383	-10.97900	12.35300
50.322	100.420	-.03798	-.90413	-.00238	-.13187	-.03029	-.32712	-.00246	-.04204	-10.97800	12.34700
49.309	.465	-.04263	-.90849	-.00172	-.13117	-.02397	-.32071	-.00119	-.04076	-10.97900	12.34100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT696) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1280/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.710	.469	-.03697	-.90272	-.00104	-.13047	-.02267	-.31937	.00007	-.03949	-10.97500	12.33800
99.397	100.570	-.03592	-.90150	-.00149	-.13089	-.02798	-.32462	-.00186	-.04144	-10.97500	12.34600
100.640	200.620	-.03327	-.90010	-.00085	-.13044	-.02551	-.32257	-.00241	-.04201	-10.97200	12.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1281/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.160	200.420	-.03046	-.89586	.00107	-.12830	-.02223	-.31881	-.00239	-.04193	-10.96600	12.34300
200.770	100.380	-.03299	-.89783	.00115	-.12814	-.02443	-.32082	-.00270	-.04221	-10.96700	12.34200
200.540	.229	-.03342	-.90045	.00142	-.12820	-.02595	-.32309	-.00365	-.04327	-10.96700	12.35100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT697) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1282/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.417	.693	-.04967	-.91144	-.00087	-.12970	-.04773	-.34308	-.00848	-.04786	-10.97900	12.37100
-1.702	100.420	-.04661	-.91078	-.00238	-.13157	-.05223	-.34839	-.00829	-.04778	-10.98300	12.36900
.889	200.490	-.04642	-.91172	-.00281	-.13217	-.05472	-.35126	-.00910	-.04664	-10.98400	12.37200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1283/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.819	100.320	-.04502	-.91053	-.00235	-.13174	-.04420	-.34082	.00362	-.04317	-10.98300	12.35100
50.766	.469	-.04676	-.91225	-.00189	-.13128	-.03719	-.33380	-.00459	-.04414	-10.98300	12.35000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT697) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1284/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.167	.435	-.04312	-.90929	-.00120	-.13069	-.03063	-.32747	-.00230	-.04188	-10.97900	12.34100
98.951	100.500	-.04183	-.90796	-.00196	-.13145	-.03709	-.33392	-.00112	-.04069	-10.98000	12.33600
99.502	200.400	-.04303	-.90900	-.00261	-.13207	-.03720	-.33397	-.00303	-.04260	-10.98300	12.34600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1265/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.270	200.420	-.03637	-.89597	.00092	-.12760	-.02554	-.32015	-.00222	-.04151	-10.96400	12.33000
200.780	100.300	-.03754	-.89806	.00081	-.12784	-.03052	-.32546	-.00106	-.04040	-10.96500	12.33700
199.670	.285	-.03359	-.89607	.00184	-.12710	-.03025	-.32504	-.00212	-.04154	-10.96200	12.33900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT698) (20 JUL 77)

REFERENCE DATA

[illegible] = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
[illegible] = 1290.3000 INCHES YMRP = .0000 IN. YB
[illegible] = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1286/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.443	.192	-.03886	-.89891	-.00159	-.13017	-.01827	-.31304	-.00090	-.04021	-10.97200	10.31800
.324	100.100	-.03913	-.89900	-.00042	-.12898	-.02152	-.31623	-.00128	-.04058	-10.96900	10.31800
-1.708	200.030	-.03478	-.89426	-.00046	-.12895	-.02046	-.31503	-.00195	-.04123	-10.96700	10.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1287/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.599	199.950	-.02996	-.89025	.00149	-.12713	-.02312	-.31797	.00041	-.03891	-10.95900	10.31800
49.900	99.980	-.03117	-.89203	.00195	-.12675	-.02121	-.31626	-.00015	-.03950	-10.95800	10.31600
51.832	.000	-.03841	-.89688	-.00075	-.12910	-.01769	-.31193	.00017	-.03907	-10.96900	10.31200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT698) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1288/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.680	-.109	-.04040	-.90014	-.00078	-.12931	-.01689	-.31156	.00030	-.03900	-10.97000	10.31000
103.670	100.200	-.02808	-.88638	.00067	-.12765	-.02099	-.31518	-.00068	-.03991	-10.95800	10.31800
101.170	199.420	-.03010	-.88890	.00066	-.12774	-.01849	-.31285	.00152	-.03773	-10.96000	10.30800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1289/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.260	200.000	-.03391	-.89250	-.00062	-.12898	-.01700	-.31128	.00112	-.03812	-10.96500	10.31200
201.640	100.210	-.03483	-.89468	-.00058	-.12913	-.01692	-.31163	.00081	-.03849	-10.96600	10.30700
201.120	.008	-.03662	-.89497	.00019	-.12814	-.02049	-.31468	-.00310	-.04234	-10.96500	10.32300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT699) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1290/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.270	.254	-.04453	-.90296	-.00130	-.12964	-.01864	-.31287	-.00182	-.04105	-10.97400	10.29700
-3.392	100.040	-.03755	-.89701	-.00213	-.13063	-.02051	-.31508	-.00328	-.04256	-10.97100	10.29700
.121	199.990	-.03641	-.89545	-.00174	-.13017	-.02303	-.31746	-.00547	-.04473	-10.97000	10.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1291/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
49.295	99.968	-.03312	-.89253	-.00172	-.13021	-.02295	-.31751	-.00334	-.04262	-10.96800	10.30800
52.217	-.168	-.03871	-.89834	-.00133	-.12985	-.01845	-.31308	-.00047	-.03977	-10.97100	10.29400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT699) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1292/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.740	-.092	-.03868	-.89906	.00013	-.12850	-.01308	-.30797	-.00061	-.03994	-10.96800	10.29300
97.615	99.915	-.03318	-.89347	.00004	-.12858	-.01943	-.31428	-.00224	-.04156	-10.96400	10.30200
99.725	200.020	-.02953	-.88790	.00114	-.12719	-.01743	-.31163	-.00094	-.04018	-10.95900	10.29400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1293/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.500	199.900	-.03339	-.89417	.00046	-.12823	-.01938	-.31440	-.00096	-.04030	-10.96400	10.29700
199.010	99.902	-.03478	-.89517	.00057	-.12806	-.01951	-.31440	-.00116	-.04048	-10.96400	10.29800
197.780	-.212	-.03522	-.89627	.00160	-.12713	-.01906	-.31417	-.00227	-.04162	-10.96200	10.29400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT700) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1294/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
1.602	.100	-.04733	-.90954	-.00137	-.13027	-.02564	-.32115	-.00367	-.04307	-10.97800	10.35200
-2.074	99.872	-.04093	-.90278	-.00237	-.13122	-.02746	-.32284	-.00500	-.04439	-10.97600	10.35400
-1.028	199.960	-.03927	-.90010	-.00278	-.13148	-.03369	-.32873	-.00669	-.04603	-10.97600	10.36300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1295/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.236	199.970	-.03695	-.90023	-.00235	-.13112	-.02768	-.32287	-.00389	-.04325	-10.97500	10.35800
48.783	99.955	-.04059	-.90054	-.00226	-.13083	-.02673	-.32146	-.00215	-.04146	-10.97500	10.34600
53.240	-.216	-.04441	-.90588	-.00105	-.12985	-.02041	-.31566	-.00145	-.04083	-10.97500	10.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT700) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1296/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.301	-.268	-.03938	-.90017	-.00034	-.12903	-.01935	-.31437	-.00048	-.03983	-10.97000	10.33600
97.079	100.130	-.03852	-.90002	-.00106	-.12986	-.02487	-.32013	-.00164	-.04102	-10.97200	10.35300
99.939	199.900	-.03522	-.89652	-.00071	-.12948	-.02358	-.31877	-.00259	-.04195	-10.96900	10.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1297/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.600	200.010	-.03278	-.89437	.00137	-.12744	-.02040	-.31570	-.00229	-.04167	-10.96200	10.34100
202.260	99.943	-.03483	-.89630	.00179	-.12701	-.02215	-.31740	-.00255	-.04192	-10.96200	10.34800
198.710	-.336	-.03600	-.89652	.00234	-.12631	-.02239	-.31731	-.00359	-.04292	-10.96200	10.35000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT701) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1298/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.966	-3.853	-.03878	-.90047	-.00009	-.12892	-.01531	-.31064	-.00133	-.04071	-10.97100	8.34860
-2.363	96.019	-.03842	-.90017	-.00046	-.12929	-.01723	-.31258	-.00333	-.04272	-10.97100	8.35370
-.062	196.000	-.03628	-.89890	-.00065	-.12961	-.01836	-.31400	-.00383	-.04325	-10.97000	8.35090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1299/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
52.721	195.850	-.03106	-.89358	.00185	-.12710	-.01711	-.31272	-.00171	-.04113	-10.96100	8.34920
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.018	-4.172	-.03665	-.89965	-.00005	-.12907	-.01447	-.31024	-.00037	-.03981	-10.97000	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT701) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1300/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.590	-4.145	-.04064	-.90312	.00094	-.12800	-.01203	-.30762	-.00051	-.03992	-10.97000	8.34240
106.350	95.923	-.03018	-.89332	.00107	-.12797	-.01697	-.31279	-.00143	-.04068	-10.96300	8.34540
95.695	195.420	-.03095	-.89445	.00062	-.12827	-.01559	-.31153	.00009	-.03937	-10.96400	8.34030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1301/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.310	195.850	-.03572	-.89959	-.00051	-.12965	-.01451	-.31057	.00079	-.03868	-10.97100	8.33470
199.540	96.021	-.03788	-.90063	-.00041	-.12939	-.01502	-.31070	.00079	-.03864	-10.97200	8.34140
201.820	-3.965	-.03820	-.90203	.00182	-.12732	-.01720	-.31326	-.00217	-.04164	-10.96600	8.35080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT702) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1302/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.463	-3.868	-.04607	-.91025	-.00025	-.12944	-.01408	-.31025	-.00242	-.04191	-10.97700	8.32010
1.011	95.951	-.04090	-.90542	-.00149	-.13073	-.01606	-.31234	-.00377	-.04328	-10.97700	8.32180
.292	195.970	-.03819	-.90216	-.00110	-.13027	-.01784	-.31394	-.00529	-.04477	-10.97400	8.33210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1303/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.827	195.850	-.03408	-.89817	.00075	-.12843	-.01587	-.31201	-.00253	-.04202	-10.96700	8.32320
49.857	96.055	-.03765	-.90088	-.00139	-.13044	-.01913	-.31498	-.00416	-.04361	-10.97400	8.33320
48.408	-4.082	-.04257	-.90656	-.00015	-.12932	-.01328	-.30938	-.00148	-.04096	-10.97500	8.32180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT702) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1304/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.483	-4.069	-.04234	-.90633	.00150	-.12766	-.01023	-.30633	-.00147	-.04095	-10.97000	8.30960
99.001	96.114	-.03539	-.90000	.00032	-.12894	-.01774	-.31405	-.00252	-.04203	-10.96900	8.32140
100.110	195.910	-.03364	-.89680	.00113	-.12791	-.01815	-.31396	-.00153	-.04098	-10.96600	8.32560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1305/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.390	195.930	-.03645	-.90132	.00086	-.12844	-.01741	-.31381	-.00091	-.04043	-10.96900	8.32040
202.320	95.832	-.03824	-.90393	.00109	-.12833	-.01697	-.31364	-.00172	-.04128	-10.97000	8.32220
199.140	-3.901	-.03796	-.90263	.00258	-.12669	-.01674	-.31308	-.00224	-.04175	-10.96600	8.32500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT703) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1306/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.038	-3.865	-.05174	-.91507	-.00060	-.12967	-.02105	-.31693	-.00262	-.04207	-10.98200	8.34720
-1.398	95.971	-.04517	-.90948	-.00195	-.13117	-.02383	-.32004	-.00345	-.04294	-10.98100	8.35000
.163	195.910	-.04160	-.90644	-.00254	-.13183	-.02840	-.32479	-.00473	-.04425	-10.98100	8.36340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1307/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.02481	-.32111	-.00270	-.04221	-10.98000	8.35370
50.251	96.010	-.04431	-.90960	-.00155	-.13091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52.713	-3.993	-.04843	-.91357	.00042	-.12892	-.01691	-.31339	-.00121	-.04074	-10.97800	8.34230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT703) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1308/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.200	-4.192	-.04327	-.90873	.00122	-.12816	-.01667	-.31327	-.00056	-.04011	-10.97300	8.34030
96.996	96.018	-.04217	-.90723	-.00030	-.12963	-.02233	-.31879	-.00064	-.04017	-10.97600	8.34980
100.370	196.010	-.03839	-.90444	-.00047	-.12995	-.02267	-.31947	-.00160	-.04117	-10.97400	8.34620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1309/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.830	195.920	-.03596	-.90241	.00177	-.12776	-.01885	-.31579	-.00185	-.04144	-10.96700	8.34230
200.740	95.908	-.03725	-.90275	.00242	-.12697	-.01956	-.31617	-.00219	-.04173	-10.96700	8.34860
201.690	-4.064	-.03848	-.90420	.00328	-.12614	-.01951	-.31619	-.00379	-.04335	-10.96500	8.35600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT704) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1198/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.762	.325	-.02801	-.47924	-.00534	-.07326	-.03183	-.18859	-.01167	-.03305	-10.57000	10.20100
.106	99.978	-.02187	-.47277	-.00201	-.06987	-.01546	-.17210	-.00103	-.02239	-10.55800	10.16200
-.029	199.850	-.02055	-.47227	-.00085	-.06884	-.01112	-.16804	.00018	-.02122	-10.55500	10.15400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1199/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.524	199.950	-.01429	-.46709	.00025	-.06790	-.01154	-.16882	-.00088	-.02233	-10.54900	10.14600
49.732	99.763	-.01362	-.46671	-.00163	-.06982	-.01443	-.17181	-.00090	-.02236	-10.55400	10.15600
49.719	-.042	-.01752	-.47194	-.00335	-.07174	-.01420	-.17203	-.00151	-.02302	-10.56200	10.16200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT704) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1200/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.687	-.146	-.01153	-.46762	-.00145	-.07008	-.00979	-.16819	-.00099	-.02258	-10.55500	10.15600
99.855	99.913	-.00685	-.46373	-.00035	-.06910	-.00805	-.16671	-.00118	-.02280	-10.55100	10.15700
100.300	200.020	-.00511	-.46308	-.00045	-.06937	-.00858	-.16761	-.00103	-.02270	-10.55100	10.15600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1201/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.050	199.830	-.00500	-.45097	-.00160	-.06874	-.00109	-.15608	.00108	-.02007	-10.54100	10.14300
200.620	99.975	-.00714	-.45530	-.00179	-.06925	-.00679	-.16251	-.00124	-.02248	-10.54500	10.15300
199.500	-.076	-.00831	-.45665	-.00115	-.06864	-.00877	-.16455	-.00204	-.02329	-10.54500	10.15600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT705) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1234/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.619	-.042	-.04215	-1.09320	-.00183	-.15875	-.02465	-.38388	-.00158	-.04926	-11.16900	10.40000
.978	100.030	-.04533	-1.09720	-.00214	-.15919	-.02551	-.38502	.00039	-.04733	-11.17200	10.39900
-.906	199.850	-.04205	-1.09300	-.00077	-.15767	-.02536	-.38454	-.00178	-.04945	-11.16600	10.40800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1235/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.39637	-.00146	-.04915	-11.15900	10.40300
50.952	99.768	-.03838	-1.08920	[illegible]	-.15682	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.440	-.236	-.04388	-1.09350	-.00166	-.15836	-.02052	-.37925	-.00070	-.04831	-11.17000	10.39900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT705) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1236/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.190	-.065	-.04618	-1.09790	-.00075	-.15776	-.02194	-.38140	-.00010	-.04781	-11.16900	10.39900
98.802	99.882	-.03856	-1.09010	-.00133	-.15632	-.02626	-.38567	-.00047	-.04817	-11.16600	10.40700
100.150	199.990	-.04142	-1.09350	.00062	-.15645	-.02391	-.38347	.00048	-.04725	-11.16300	10.40200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1237/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.800	199.850	-.04416	-1.09600	-.00112	-.15815	-.02106	-.38055	.00146	-.04625	-11.16900	10.39400
200.170	99.950	-.04484	-1.09650	-.00137	-.15839	-.02105	-.38050	-.00064	-.04835	-11.17100	10.40200
199.450	-.272	-.04020	-1.09230	.00089	-.15618	-.02200	-.38157	-.00163	-.04935	-11.16200	10.40200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT706) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1202/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.185	.071	-.02058	-.47192	-.00610	-.07404	-.03220	-.18900	-.01266	-.03404	-10.56700	10.18700
-1.641	99.943	-.02610	-.47783	-.00685	-.07484	-.01327	-.17020	-.00398	-.02538	-10.57300	10.15000
-1.700	200.130	-.02450	-.47622	-.00481	-.07280	-.01354	-.17047	-.00468	-.02608	-10.56700	10.15400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1203/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.554	199.920	-.00678	-.45903	-.00143	-.06949	-.01161	-.16872	-.00220	-.02362	-10.54800	10.14400
51.391	99.797	-.01748	-.46995	-.00497	-.07307	-.01262	-.16979	-.00317	-.02460	-10.56400	10.14800
50.616	-.188	-.01538	-.46827	-.00580	-.07396	-.02223	-.17954	-.00933	-.03078	-10.56500	10.17000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 25 JUL 77 IA142, AEDC V41A-K1A, TABULATED SOURCE DATA

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT706) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1204/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.817	-.115	-.01177	-.46553	-.00482	-.07311	-.01446	-.17207	-.00288	-.02437	-10.56100	10.14900
96.299	99.972	-.00557	-.45937	-.00354	-.07184	-.00630	-.16392	-.00235	-.02384	-10.55400	10.14300
100.630	199.950	-.00092	-.45547	-.00148	-.06988	-.00746	-.16534	-.00178	-.02330	-10.54700	10.14100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1205/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.720	200.050	.00321	-.45107	-.00156	-.06993	-.00398	-.16177	-.00073	-.02224	-10.54400	10.13900
198.840	99.931	.00260	-.45002	-.00106	-.06918	-.00398	-.16121	-.00197	-.02341	-10.54200	10.13600
200.450	-.161	.00030	-.45389	-.00046	-.06881	-.00709	-.16484	-.00285	-.02436	-10.54400	10.14300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT707) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1238/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.824	.153	-.04867	-1.10100	-.00188	-.15899	-.02279	-.38247	-.00191	-.04965	-11.17400	10.40600
-1.447	99.965	-.04574	-1.09850	-.00224	-.15942	-.02492	-.38474	-.00286	-.05062	-11.17300	10.41100
-.272	199.860	-.04369	-1.09620	-.00185	-.15899	-.02698	-.38670	-.00476	-.05251	-11.17100	10.41900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1239/ 0 RN/L = 1.54 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.783	99.831	-.04470	-1.09680	-.00118	-.15825	-.02014	-.37972	-.00055	-.04828	-11.17000	10.40100
52.039	-.291	-.04329	-1.09560	-.00048	-.15759	-.01998	-.37964	-.00186	-.04959	-11.16800	10.40300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT707) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1240/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	-.214	-.04342	-1.09660	.00118	-.15605	-.02009	-.38003	-.00193	-.04970	-11.16400	10.40500
98.747	99.952	-.04268	-1.09530	-.00031	-.15747	-.02094	-.38072	-.00101	-.04876	-11.16700	10.40600
96.973	199.970	-.04038	-1.09200	-.00036	-.15736	-.02601	-.38542	-.00152	-.04922	-11.16600	10.40300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1241/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.120	199.520	-.04263	-1.09570	-.00023	-.15745	-.02367	-.38360	-.00099	-.04876	-11.16700	10.40500
198.330	99.958	-.04230	-1.09470	.00029	-.15683	-.02406	-.38375	-.00214	-.04988	-11.16600	10.41000
200.410	-.164	-.04264	-1.09550	.00127	-.15592	-.02210	-.38195	-.00249	-.05025	-11.16400	10.40900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT708) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1206/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.344	.020	-.02404	-.47508	-.00336	-.07125	-.04556	-.20225	-.01258	-.03395	-10.56200	10.20500
.243	99.887	-.02459	-.47507	-.00443	-.07223	-.05087	-.20737	-.01442	-.03577	-10.56500	10.21900
-2.159	199.900	-.02359	-.47423	-.00380	-.07162	-.02682	-.18338	-.00444	-.02579	-10.56300	10.17400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1207/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.876	199.910	-.02566	-.47630	-.00505	-.07288	-.01874	-.17529	-.00489	-.02624	-10.56800	10.17300
48.132	99.858	-.02182	-.47343	-.00444	-.07241	-.03042	-.18731	-.00592	-.02732	-10.56400	10.17800
52.742	-.082	-.01793	-.46956	-.00403	-.07200	-.03253	-.18942	-.00743	-.02882	-10.56100	10.18500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT708) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1208/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.220	-.275	-.01604	-.46745	-.00283	-.07077	-.02683	-.18364	-.00320	-.02459	-10.55700	10.17300
97.701	100.040	-.01942	-.47103	-.00374	-.07171	-.01250	-.16938	-.00168	-.02307	-10.56200	10.16300
100.120	200.020	-.01774	-.47004	-.00376	-.07183	-.01006	-.16718	-.00276	-.02420	-10.56100	10.15800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1209/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.500	199.870	-.00216	-.45595	.00140	-.06689	-.00074	-.15836	-.00063	-.02212	-10.54000	10.14500
200.270	99.910	-.00509	-.45908	.00041	-.06791	-.00418	-.16186	-.00170	-.02319	-10.54500	10.14900
199.620	-.269	-.00827	-.46310	.00086	-.06758	-.01268	-.17065	-.00267	-.02420	-10.54600	10.16000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT709) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1242/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.648	.130	-.05199	-1.10460	-.00166	-.15881	-.02474	-.38450	-.00241	-.05016	-11.17700	10.42400
-2.219	99.981	-.04991	-1.10180	-.00237	-.15942	-.02434	-.38386	-.00322	-.05093	-11.17700	10.42400
-.858	199.950	-.04534	-1.09760	-.00260	-.15969	-.03072	-.39034	-.00424	-.05197	-11.17500	10.43200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1243/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	-.04686	-1.09840	-.00218	-.15932	-.02840	-.38814	-.00294	-.05069	-11.17400	10.43000
51.304	99.769	-.04779	-1.10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.686	-.131	-.04698	-1.09830	-.00117	-.15812	-.02340	-.38270	-.00145	-.04914	-11.17300	10.42100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT709) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1244/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.060	-.271	-.04255	-1.09540	.00042	-.15677	-.02371	-.38355	-.00125	-.04901	-11.16600	10.42000
99.388	100.010	-.04286	-1.09660	-.00085	-.15817	-.02339	-.38354	-.00144	-.04924	-11.16900	10.41900
97.622	199.890	-.04258	-1.09620	-.00052	-.15782	-.02571	-.38579	-.00242	-.05021	-11.16800	10.42400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1245/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.570	199.790	-.04116	-1.09370	.00126	-.15587	-.02521	-.38492	-.00345	-.05119	-11.16300	10.42700
202.600	100.100	-.04366	-1.09550	.00196	-.15507	-.02630	-.38578	-.00400	-.05171	-11.16200	10.43100
199.510	.030	-.04455	-1.08600	.00165	-.15385	-.02557	-.38157	-.00450	-.05176	-11.15300	10.42800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT710) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1210/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.113	-3.882	-.01002	-.46088	-.00620	-.07406	-.01761	-.17424	-.01187	-.03323	-10.56100	8.19360
-.472	95.939	-.00423	-.45633	-.00271	-.07075	-.00586	-.16290	-.00152	-.02294	-10.55000	8.15460
-.112	195.890	-.00372	-.45876	-.00042	-.06890	-.00122	-.15926	-.00130	-.02285	-10.54700	8.15480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1211/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.771	195.860	.00403	-.44833	.00016	-.06792	-.00202	-.15916	-.00212	-.02355	-10.53800	8.15310
50.091	95.882	.00282	-.45167	-.00223	-.07063	-.00550	-.16335	-.00165	-.02317	-10.54700	8.15720
49.251	-4.259	-.00312	-.45882	-.00398	-.07255	-.00619	-.16445	-.00158	-.02315	-10.55600	8.15630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT710) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 642.000
MACH = 4.500

RUN NO. 1212/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.692	-4.202	.00271	-.44931	-.00085	-.06888	-.00232	-.15934	-.00049	-.02190	-10.54100	8.14900
99.159	96.007	.00741	-.44491	.00018	-.06789	-.00143	-.15855	-.00142	-.02285	-10.53600	8.15080
100.600	195.940	.00922	-.44354	.00023	-.06791	-.00147	-.15874	-.00138	-.02282	-10.53500	8.15410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1213/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.750	195.840	.00770	-.44520	-.00110	-.06926	.00544	-.15187	.00145	-.02000	-10.54000	8.14000
200.500	96.016	.00364	-.44966	-.00119	-.06941	.00036	-.15709	-.00066	-.02213	-10.54300	8.14800
199.660	-4.137	.00236	-.45158	-.00024	-.06856	-.00143	-.15909	-.00136	-.02285	-10.54200	8.15460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT711) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1246/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.416	-3.921	-.04377	-1.09320	-.00094	-.15762	-.02174	-.38042	-.00180	-.04941	-11.16600	8.40930
-2.082	95.959	-.04581	-1.09500	-.00204	-.15868	-.02053	-.37912	-.00041	-.04801	-11.17000	8.40140
-1.933	195.930	-.04208	-1.09010	-.00034	-.15681	-.02237	-.38055	-.00240	-.04994	-11.16400	8.41460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1247/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.643	95.957	-.03820	-1.08650	.00001	-.15651	-.02080	-.37910	-.00092	-.04848	-11.16000	8.40780
48.482	-4.134	-.04442	-1.09440	-.00045	-.15721	-.01802	-.37689	-.00067	-.04230	-11.16500	8.40510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT711) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1248/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.883	-4.223	-.04572	-1.09430	.00035	-.15620	-.01769	-.37607	-.00102	-.04859	-11.16400	8.40580
98.230	95.820	-.03846	-1.08330	-.00173	-.15772	-.01985	-.37697	-.00168	-.04909	-11.16000	8.40240
100.300	195.880	-.04053	-1.09620	.00064	-.15696	-.01669	-.37747	-.00095	-.04883	-11.16700	8.40580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1249/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.230	195.810	-.04537	-1.10210	-.00140	-.15917	-.01778	-.37893	.00094	-.04699	-11.17600	8.40360
200.970	95.929	-.04849	-1.10570	-.00101	-.15885	-.01906	-.38039	-.00076	-.04871	-11.17700	8.40900
200.410	-4.007	-.04358	-1.08490	.00167	-.15381	-.02042	-.37636	-.00211	-.04936	-11.15100	8.40100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT712) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1214/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.133	-3.905	-.01300	-.46241	-.00309	-.07074	-.02494	-.18108	-.00973	-.03103	-10.55300	8.16830
-.287	95.941	-.02109	-.46879	-.00477	-.07215	-.01183	-.16739	-.00287	-.02409	-10.56100	8.13810
-.602	195.940	-.01736	-.46558	-.00278	-.07024	-.01012	-.16586	-.00382	-.02506	-10.55400	8.13950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1215/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.735	195.890	-.00046	-.44958	-.00114	-.06874	-.00696	-.16300	-.00218	-.02346	-10.54100	8.13460
51.587	95.833	-.01306	-.46221	-.00363	-.07123	-.01013	-.16618	-.00227	-.02356	-10.55500	8.13900
50.184	-4.146	-.01053	-.45960	-.00406	-.07165	-.01647	-.17250	-.00654	-.02782	-10.55400	8.14520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT712) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1216/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.230	-4.134	-.01060	-.45934	-.00231	-.06985	-.00995	-.16587	-.00080	-.02206	-10.54900	8.13140
99.026	96.035	-.00288	-.45193	-.00246	-.07005	-.00323	-.15925	-.00158	-.02286	-10.54500	8.13350
99.885	195.920	.00342	-.44588	-.00057	-.06820	-.00466	-.16076	-.00161	-.02290	-10.53700	8.13320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1217/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.600	195.870	.00830	-.44244	-.00001	-.06785	.00010	-.15649	-.00053	-.02188	-10.53400	8.12060
200.420	95.950	.00436	-.44596	.00026	-.06751	-.00045	-.15689	-.00136	-.02270	-10.53600	8.12640
199.600	-4.062	.00249	-.44840	.00122	-.06664	-.00292	-.15957	-.00197	-.02333	-10.53500	8.12990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT713) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1250/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
2.290	-3.836	-.05127	-1.10350	-.00126	-.15835	-.01881	-.37843	-.00260	-.05033	-11.17400	8.38230
.139	95.955	-.04879	-1.10020	-.00204	-.15901	-.02044	-.37977	-.00372	-.05141	-11.17500	8.38330
-1.016	196.130	-.04551	-1.09660	-.00222	-.15914	-.02368	-.38291	-.00504	-.05272	-11.17300	8.39580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1251/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.598	95.741	-.04479	-1.09650	-.00053	-.15754	-.01429	-.37374	-.00252	-.05023	-11.16800	8.38370
51.645	-4.176	-.04414	-1.09700	.00058	-.15660	-.01609	-.37591	-.00287	-.05063	-11.16600	8.38110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT713) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1252/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.484	-4.227	-.04397	-1.09730	.00241	-.15484	-.01603	-.37602	-.00300	-.05078	-11.16100	8.37990
97.999	96.028	-.04452	-1.09710	.00019	-.15696	-.01715	-.37690	-.00248	-.05022	-11.16700	8.38090
99.715	195.960	-.04258	-1.09520	-.00020	-.15735	-.02300	-.38274	-.00291	-.05066	-11.16700	8.38980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1253/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.630	195.840	-.04383	-1.09690	-.00036	-.15758	-.01980	-.37970	-.00127	-.04904	-11.16800	8.37480
201.880	95.960	-.04510	-1.09730	.00084	-.15625	-.02184	-.38146	-.00235	-.05008	-11.16500	8.38400
200.290	-4.116	-.04575	-1.09780	.00246	-.15462	-.01894	-.37851	-.00310	-.05082	-11.16200	8.38380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT714) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1218/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.552	-3.864	-.02111	-.46721	-.00098	-.06813	-.03809	-.19311	-.00896	-.03011	-10.55000	8.21430
.136	95.805	-.02054	-.46557	-.00188	-.06887	-.04292	-.19758	-.01027	-.03137	-10.55100	8.21930
-1.055	195.900	-.02033	-.46837	-.00142	-.06886	-.02016	-.17584	-.00165	-.02288	-10.55300	8.17560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1219/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.179	195.890	-.02227	-.47306	-.00305	-.07090	-.01783	-.17443	-.00314	-.02450	-10.56100	8.18540
50.366	95.865	-.01895	-.47101	-.00114	-.06918	-.02054	-.17757	-.00179	-.02320	-10.55500	8.18430
51.483	-4.137	-.01802	-.46957	-.00072	-.06868	-.02664	-.18350	-.00369	-.02508	-10.55300	8.18900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT714) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 642.000
MACH = 4.500

RUN NO. 1220/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.371	-4.129	-.01773	-.46925	.00069	-.06727	-.02080	-.17766	-.00038	-.02176	-10.54900	8.18540
97.856	96.233	-.01864	-.47064	-.00174	-.06977	[illegible]	-.16856	-.00035	-.02176	-10.55700	8.17220
100.160	196.000	-.01721	-.46944	-.00194	-.07000	-.00948	-.16656	-.00177	-.02319	-10.55700	8.17460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1221/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.270	195.950	-.00107	-.45514	.00317	-.06516	.00108	-.15663	-.00059	-.02209	-10.53600	8.16720
199.970	95.943	-.00564	-.46136	.00197	-.06661	-.00352	-.16179	-.00125	-.02282	-10.54300	8.16790
199.590	-4.018	.00784	-.46322	.00325	-.06528	-.00869	-.16684	-.00130	-.02286	-10.54100	8.17360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT715) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1254/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.097	-3.865	-.05563	-1.10690	-.00099	-.15794	-.02154	-.38085	-.00251	-.05020	-11.17600	8.40700
-1.586	96.191	-.05328	-1.10570	-.00184	-.15897	-.02100	-.38070	-.00294	-.05068	-11.17700	8.41280
.294	195.850	-.04976	-1.10170	-.00249	-.15954	-.02718	-.38671	-.00336	-.05108	-11.17600	8.42020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1255/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.524	195.980	-.05028	-1.10180	-.00194	-.15893	-.02620	-.38558	-.00222	-.04992	-11.17500	8.41630
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.316	-4.094	-.05075	-1.10230	-.00054	-.15754	-.02011	-.37950	-.00183	-.04953	-11.17200	8.41070
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT715) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1500.000
MACH = 4.500

RUN NO. 1256/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.940	-4.083	-.04528	-1.09650	.00114	-.15581	-.02157	-.38085	-.00155	-.04923	-11.16400	8.40770
101.120	95.758	-.04520	-1.09560	-.00014	-.15696	-.02026	-.37925	-.00189	-.04954	-11.16700	8.40920
96.923	196.090	-.04513	-1.09530	-.00030	-.15708	-.02432	-.38324	-.00201	-.04965	-11.16800	8.41930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1257/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.850	195.720	-.04276	-1.09510	.00141	-.15571	-.02287	-.38255	-.00346	-.05120	-11.16200	8.41720
201.530	96.082	-.04533	-1.09700	.00237	-.15464	-.02235	-.38178	-.00415	-.05186	-11.16100	8.41850
200.310	-4.204	-.04613	-1.09640	.00263	-.15417	-.02234	-.38129	-.00466	-.05231	-11.16100	8.42310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT716) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1931/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.018	-2.242	-.06442	-.94188	-.00099	-.13217	-.05749	-.35820	-.00876	-.04885	-14.98900	14.36100
49.560	97.366	-.06479	-.93118	-.00151	-.13104	-.05906	-.35604	-.00845	-.04807	-14.98000	14.35300
49.474	197.620	-.06460	-.93221	-.00200	-.13172	-.06054	-.35793	-.00838	-.04805	-14.98200	14.36200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1932/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.927	197.400	-.06022	-.93097	-.00190	-.13209	-.05039	-.34885	-.00486	-.04467	-14.98100	14.33900
100.570	97.487	-.06010	-.93049	-.00185	-.13198	-.04832	-.34665	-.00494	-.04472	-14.98100	14.34500
101.120	-2.302	-.05939	-.93080	-.00094	-.13122	-.04718	-.34585	-.00508	-.04491	-14.97900	14.34600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT716) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1933/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.240	-2.483	-.04840	-.92131	.00174	-.12877	-.03855	-.33774	-.00314	-.04304	-14.96600	14.32600
198.210	97.662	-.04976	-.92224	.00027	-.13017	-.03885	-.33790	-.00170	-.04159	-14.97000	14.32600
201.540	197.650	-.05316	-.93262	-.00115	-.13263	-.04158	-.34297	-.00308	-.04327	-14.98300	14.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT717) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1934/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.131	.315	-.04699	-.92066	-.00275	-.13337	-.02673	-.32617	-.00074	-.04067	-14.97800	12.35300
49.379	100.510	-.04549	-.91830	-.00306	-.13355	-.02690	-.32605	-.00170	-.04159	-14.97700	12.35900
49.317	200.510	-.04642	-.91905	-.00290	-.13336	-.03088	-.32997	-.00363	-.04352	-14.97600	12.36100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1935/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.430	200.410	-.04320	-.91410	-.00150	-.13170	-.02744	-.32594	-.00206	-.04187	-14.97100	12.36300
101.150	100.220	-.04417	-.91676	-.00190	-.13236	-.02588	-.32496	-.00008	-.03997	-14.97200	12.35700
100.640	.480	-.04269	-.91947	-.00153	-.13261	-.02408	-.32458	.00025	-.03982	-14.97600	12.34700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1936/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
198.550	100.380	-.04137	-.91797	.00019	-.13087	-.02342	-.32385	-.00091	-.04097	-14.97000	12.35500
199.870	200.530	-.04039	-.91388	-.00032	-.13091	-.02417	-.32354	-.00108	-.04100	-14.96900	12.35200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT718) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1937/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.318	.652	-.05882	-.93406	-.00228	-.13313	-.04023	-.34019	-.00253	-.04252	-14.98700	12.33000
48.762	100.460	-.05785	-.92639	-.00242	-.13228	-.04192	-.33963	-.00310	-.04281	-14.97900	12.32900
49.234	200.480	-.05661	-.92627	-.00277	-.13279	-.04480	-.34288	-.00390	-.04366	-14.98000	12.32900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1938/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.900	200.460	-.05531	-.92591	-.00251	-.13267	-.03947	-.33786	-.00291	-.04271	-14.98100	12.32800
100.370	100.450	-.05396	-.92589	-.00228	-.13264	-.03820	-.33706	-.00127	-.04112	-14.97900	12.32100
101.340	.517	-.05608	-.92686	-.00129	-.13148	-.03573	-.33419	-.00071	-.04051	-14.97700	12.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1939/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.860	.481	-.04969	-.91864	.00100	-.12892	-.03052	-.32836	-.00163	-.04136	-14.96700	12.31700
198.890	100.530	-.04833	-.91633	-.00014	-.12992	-.03077	-.32829	-.00082	-.04050	-14.96800	12.31200
198.650	200.450	-.04659	-.91729	-.00005	-.13022	-.02836	-.32679	-.00244	-.04224	-14.96900	12.31700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT719) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1940/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.091	-.201	-.04039	-.90985	-.00171	-.13170	-.01952	-.31754	.00102	-.03873	-14.96800	10.34300
48.501	100.030	-.03886	-.91866	-.00210	-.13363	-.02020	-.32171	.00044	-.03976	-14.97700	10.34900
47.033	199.980	-.03975	-.90937	-.00098	-.13100	-.02024	-.31831	-.00091	-.04066	-14.96600	10.34700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT719) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1941/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.086	200.000	-.03876	-.90727	-.00237	-.13222	-.02230	-.31999	.00181	-.03790	-14.96900	10.34500
96.267	99.899	-.04225	-.91225	-.00253	-.13260	-.02235	-.32055	.00062	-.03915	-14.97200	10.34400
98.859	-.242	-.04573	-.91456	-.00194	-.13184	-.01855	-.31635	.00106	-.03865	-14.97200	10.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1942/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.400	-.094	-.04194	-.91363	-.00087	-.13119	-.01935	-.31812	-.00012	-.03996	-14.96900	10.35100
199.110	100.030	-.04622	-.91765	-.00235	-.13264	-.02162	-.32030	.00203	-.03781	-14.97600	10.34500
198.650	199.850	-.04552	-.92009	-.00200	-.13275	-.02136	-.32109	.00270	-.03727	-14.97700	10.34400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT720) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1943/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.520	-.201	-.04763	-.91917	-.00246	-.13276	-.01909	-.31780	.00077	-.03906	-14.97600	10.31500
48.208	99.824	-.04455	-.91838	-.00263	-.13327	-.01951	-.31901	-.00030	-.04024	-14.97600	10.32000
50.383	199.950	-.04349	-.91335	-.00127	-.13132	-.01925	-.31740	-.00146	-.04123	-14.96800	10.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1944/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.230	99.691	-.04174	-.91484	-.00238	-.13291	-.01952	-.31876	.00018	-.03973	-14.97400	10.31900
100.500	-.087	-.04767	-.92293	-.00171	-.13256	-.01937	-.31935	.00055	-.03946	-14.97800	10.31700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT720) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1945/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.850	-.268	-.04397	-.91213	-.00107	-.13087	-.01916	-.31673	-.00012	-.03980	-14.96800	10.30800
200.310	100.110	-.04512	-.91490	-.00116	-.13120	-.02036	-.31849	.00001	-.03976	-14.96900	10.31200
198.780	199.780	-.04423	-.91601	-.00130	-.13164	-.02175	-.32055	.00049	-.03936	-14.97100	10.31100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT721) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1946/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.782	.065	-.05527	-.92625	-.00273	-.13295	-.02703	-.32556	-.00015	-.03996	-14.98100	10.35100
50.291	99.789	-.05386	-.93495	-.00311	-.13482	-.02646	-.32840	-.00069	-.04094	-14.99000	10.36000
49.139	199.800	-.05383	-.93086	-.00274	-.13385	-.03131	-.33188	-.00230	-.04238	-14.98600	10.36200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1947/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.270	199.770	-.04981	-.92405	-.00142	-.13213	-.02788	-.32751	-.00155	-.04150	-14.97800	10.36000
101.730	100.060	-.05212	-.93962	-.00163	-.13430	-.02567	-.32978	.00026	-.04027	-14.99300	10.35700
101.260	-.144	-.05178	-.93690	-.00110	-.13342	-.02590	-.32920	.00003	-.04040	-14.98900	10.35800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1948/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.070	-.216	-.05015	-.92845	-.00000	-.13131	-.02255	-.32355	-.00178	-.04191	-14.97700	10.35600
198.840	99.934	-.04850	-.92512	.00020	-.13085	-.02247	-.32291	-.00135	-.04141	-14.97500	10.35400
200.270	200.050	-.04863	-.92427	-.00077	-.13168	-.02397	-.32408	-.00157	-.04159	-14.97600	10.35900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT722) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1949/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.364	-4.033	-.04714	-.91948	-.00025	-.130[illegible]	-.01812	-.31712	.00028	-.03960	-14.97000	8.33850
49.648	96.017	-.04731	-.92518	-.00130	-.13254	-.01898	-.31984	-.00048	-.04060	-14.97800	8.34950
49.010	196.050	-.04792	-.92372	-.00029	-.13122	-.01908	-.31924	-.00147	-.04150	-14.97400	8.35170
	GRADIENT	.000C0	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.320	196.020	-.04801	-.92163	-.00210	-.13271	-.02288	-.32231	.00075	-.03918	-14.97600	8.34440
101.870	95.955	-.05060	-.92294	-.00302	-.13344	-.02177	-.32076	-.00203	-.04190	-14.98000	8.35400
101.780	-4.162	-.05183	-.92466	-.00035	-.13084	-.01690	-.31606	.00068	-.03922	-14.97400	8.34000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1951/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
197.810	-4.143	-.04869	-.92085	.00115	-.12924	-.01830	-.31724	-.00026	-.04013	-14.96700	8.34310
199.530	95.969	-.05406	-.92534	-.00221	-.13247	-.01816	-.31680	.00149	-.03834	-14.97800	8.33820
199.320	195.960	-.05131	-.92182	-.00220	-.13235	-.01766	-.31603	.00213	-.03767	-14.97600	8.33940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT723) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1953/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.478	95.903	-.04827	-.92497	-.00124	-.13216	-.01635	-.31648	-.00022	-.04024	-14.97700	8.32000
49.598	195.960	-.04839	-.92499	.00038	-.13068	-.01805	-.31848	-.00106	-.04112	-14.97300	8.32350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT723) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1954/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.340	196.250	-.04790	-.92180	.00029	-.13037	-.01908	-.31859	-.00081	-.04075	-14.97100	8.32470
101.100	96.071	-.04854	-.92349	-.00132	-.13213	-.01711	-.31699	-.00049	-.04048	-14.97500	8.31420
101.800	-4.178	-.05369	-.92722	.00027	-.13033	-.01717	-.31656	.00013	-.03980	-14.97300	8.31860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1955/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.360	-4.246	-.05083	-.92309	.00123	-.12918	-.01729	-.31626	-.00038	-.04025	-14.96800	8.31480
197.830	95.962	-.05204	-.92459	.00015	-.13030	-.01765	-.31672	-.00000	-.03989	-14.97200	8.31910
199.350	196.040	-.05168	-.92551	-.00053	-.13118	-.01907	-.31857	.00033	-.03961	-14.97500	8.31650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT724) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1956/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.641	-3.930	-.06011	-.93229	-.00072	-.13112	-.02318	-.32212	.00059	-.03928	-14.97800	8.32300
49.154	95.961	-.06025	-.93099	-.00114	-.13132	-.02414	-.32260	.00084	-.03896	-14.97900	8.32610
49.628	195.950	-.05790	-.92876	-.00123	-.13143	-.02858	-.32708	-.00040	-.04021	-14.97700	8.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1957/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.720	195.900	-.05426	-.92497	-.00011	-.13029	-.02634	-.32478	-.00030	-.04011	-14.97200	8.32220
100.120	96.219	-.05630	-.92546	.00015	-.12980	-.02397	-.32189	.00158	-.03816	-14.97200	8.32180
99.890	-4.087	-.05601	-.92733	.00095	-.12933	-.02332	-.32197	.00063	-.03920	-14.97100	8.32440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT724) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -14.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1958/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.460	-3.942	-.05620	-.92820	.00277	-.12760	-.01960	-.31849	-.00128	-.04114	-14.96700	8.32340
200.320	96.092	-.05328	-.92422	.00251	-.12771	-.01963	-.31815	-.00068	-.04049	-14.96500	8.32480
199.740	196.110	-.05359	-.92359	.00092	-.12915	-.02180	-.32001	-.00084	-.04061	-14.96800	8.32820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT725) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1986/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.332	-2.116	-.08409	-.95568	-.00086	-.13117	-.05788	-.35662	-.00652	-.04636	-18.99400	14.32500
98.498	97.736	-.08451	-.95446	-.00113	-.13119	-.05818	-.35636	-.00612	-.04588	-18.99400	14.32200
99.480	197.800	-.08221	-.95023	-.00097	-.13075	-.05986	-.35738	-.00581	-.04549	-18.99000	14.32200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1987/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.990	197.980	-.07968	-.95146	-.00078	-.13112	-.05560	-.35439	-.00408	-.04393	-18.99200	14.31400
151.290	97.578	-.07695	-.94695	-.00126	-.13133	-.05138	-.34957	-.00421	-.04398	-18.99000	14.31200
151.000	-2.134	-.07621	-.94611	-.00070	-.13075	-.05117	-.34932	-.00462	-.04439	-18.98800	14.31100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1988/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	-.07180	-.94096	.00107	-.12888	-.04703	-.34493	-.00351	-.04324	-18.98100	14.30800
201.010	97.839	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.560	197.950	-.07611	-.94304	.00025	-.12936	-.04923	-.34638	-.00301	-.04264	-18.98300	14.30500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT726) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1989/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
97.976	.630	-.05925	-.93193	-.00216	-.13263	-.03045	-.32954	-.00126	-.04115	-18.98500	12.33900
100.420	100.640	-.06271	-.93461	-.00145	-.13181	-.03085	-.32968	-.00047	-.04032	-18.98400	12.33700
99.010	200.590	-.06493	-.93617	-.00119	-.13145	-.03397	-.33258	-.00266	-.04248	-18.98400	12.34000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1990/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.580	200.540	-.06141	-.93163	-.00099	-.13109	-.02985	-.32811	-.00192	-.04170	-18.98100	12.33400
152.780	100.380	-.05990	-.93140	-.00061	-.13090	-.02700	-.32570	-.00029	-.04013	-18.97900	12.33100
151.780	.299	-.06086	-.93144	-.00142	-.13158	-.02849	-.32687	-.00112	-.04091	-18.98100	12.33400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1991/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.840	.272	-.05907	-.92837	-.00175	-.13172	-.02644	-.32439	-.00109	-.04082	-18.97900	12.32900
198.990	100.620	-.05901	-.92795	-.00041	-.13032	-.02570	-.32353	-.00088	-.04060	-18.97600	12.33100
199.850	200.600	-.05917	-.92717	-.00081	-.13058	-.02750	-.32501	-.00155	-.04123	-18.97600	12.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT727) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1992/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.100	.433	-.07932	-.95797	.00047	-.13089	-.04219	-.34330	-.00175	-.04190	-18.99500	12.33400
97.891	100.580	-.07787	-.94366	.00044	-.12901	-.04418	-.34095	-.00178	-.04136	-18.99200	12.33600
97.817	200.650	-.07723	-.94791	-.00062	-.13079	-.04877	-.34719	-.00272	-.04251	-18.98900	12.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT727) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1993/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.790	200.620	-.07308	-.94520	-.00019	-.13057	-.04130	-.34021	-.00252	-.04238	-18.98700	12.33700
150.910	100.390	-.07284	-.94400	-.00009	-.13033	-.04035	-.33893	-.00105	-.04086	-18.98600	12.33400
150.650	.140	-.07386	-.94600	-.00016	-.13055	-.03943	-.33835	-.00133	-.04119	-18.98700	12.33700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1994/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.630	.121	-.07248	-.94351	.00090	-.12932	-.03723	-.33577	-.00093	-.04074	-18.98300	12.32600
198.120	100.230	-.06866	-.93800	.00054	-.12943	-.03607	-.33403	-.00105	-.04079	-18.98200	12.33400
199.400	200.390	-.06830	-.93874	.00060	-.12954	-.03560	-.33394	-.00247	-.04225	-18.96000	12.33200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT728) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1995/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.280	-.090	-.05657	-.92291	-.00214	-.13167	-.02445	-.32141	.00096	-.03865	-18.97600	10.32600
100.830	99.855	-.05991	-.92403	-.00359	-.13279	-.02846	-.32466	-.00054	-.04005	-18.98000	10.32600
100.350	199.990	-.05625	-.92042	-.00289	-.13210	-.02777	-.32399	-.00129	-.04080	-18.97600	10.33200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1996/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
152.640	99.955	-.06323	-.93434	-.00214	-.13237	-.02952	-.32809	-.00088	-.04089	-18.98500	10.33500
150.060	.128	-.06060	-.93072	-.00188	-.13197	-.02412	-.32234	.00089	-.03888	-18.98200	10.32100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT728) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1997/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.490	-.132	-.05665	-.92760	-.00099	-.13120	-.02369	-.32220	.00035	-.03946	-18.97600	10.32600
199.240	99.972	-.06376	-.93463	-.00285	-.13305	-.02476	-.32324	.00057	-.03923	-13.98700	10.32400
200.070	199.970	-.06278	-.93248	-.00199	-.13201	-.02304	-.32112	.00057	-.03919	-18.98400	10.32100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT729) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1998/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.806	.047	-.05887	-.93169	-.00204	-.13252	-.02347	-.32261	.00029	-.03960	-18.98400	10.33600
98.626	99.894	-.05497	-.92697	-.00250	-.13286	-.02141	-.32027	-.00037	-.04023	-18.98200	10.33900
97.835	199.970	-.05272	-.92564	-.00138	-.13189	-.02176	-.32093	-.00098	-.04087	-18.97800	10.33800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1999/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.780	199.930	-.06081	-.93113	-.00127	-.13139	-.02503	-.32333	-.00064	-.04042	-18.98100	10.33400
149.600	99.776	-.05481	-.92501	-.00239	-.13249	-.02175	-.32001	-.00032	-.04010	-18.98000	10.33100
148.290	-.264	-.06021	-.92903	-.00204	-.13193	-.02312	-.32091	.00080	-.03892	-18.98100	10.33500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2000/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.390	-.269	-.05678	-.92630	-.00143	-.13143	-.02338	-.32141	.00078	-.03896	-18.97700	10.32700
200.060	100.010	-.05655	-.92553	-.00110	-.13102	-.02147	-.31931	-.00011	-.03983	-18.97600	10.33300
203.290	199.810	-.06136	-.92964	-.00116	-.13098	-.02280	-.32041	-.00015	-.03984	-18.97800	10.33200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT730) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2001/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.914	-.082	-.06642	-.93690	-.00038	-.13052	-.02939	-.32775	-.00092	-.04071	-18.98100	10.34400
98.909	99.928	-.06872	-.93903	.00074	-.12938	-.02822	-.32651	.00005	-.03973	-18.98000	10.34200
98.883	199.900	-.06960	-.93858	.00090	-.12902	-.03387	-.33171	-.00079	-.04051	-18.97900	10.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2002/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
148.350	200.010	-.06599	-.93387	.00051	-.12924	-.02995	-.32742	-.00060	-.04028	-18.97700	10.34100
152.640	100.130	-.06426	-.93285	.00101	-.12886	-.02486	-.32257	.00045	-.03926	-18.97500	10.33500
153.160	-.187	-.06721	-.94151	-.00022	-.13093	-.02801	-.32765	-.00066	-.04062	-18.98500	10.34600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2003/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.690	.091	-.06541	-.93878	-.00033	-.13090	-.02525	-.32458	-.00090	-.04081	-18.98400	10.34900
198.660	99.931	-.06351	-.93547	.00085	-.12951	-.02387	-.32272	-.00034	-.04019	-18.97900	10.33500
201.430	199.970	-.06324	-.93543	.00024	-.13016	-.02596	-.32489	-.00091	-.04078	-18.98000	10.34400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT731) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2004/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
100.240	96.106	-.06626	-.93425	-.00292	-.13269	-.02608	-.32359	-.00085	-.04052	-18.98600	8.37210
98.365	196.020	-.05835	-.92654	-.00209	-.13190	-.02723	-.32481	-.00089	-.04058	-18.97900	8.37620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT731) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2005/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
149.770	196.140	-.06474	-.94515	-.00132	-.13293	-.02356	-.32528	.00021	-.04002	-18.99300	8.38000
151.350	96.036	-.06705	-.94249	-.00131	-.13218	-.02812	-.32814	-.00050	-.04051	-18.98900	8.37830
149.510	-4.118	-.06255	-.93291	-.00065	-.13077	-.02123	-.31954	.00095	-.03883	-18.98000	8.36130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2006/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.290	-4.026	-.05934	-.92872	.00064	-.12934	-.02210	-.32008	.00088	-.03886	-18.97400	8.36660
200.210	96.055	-.06766	-.93666	-.00250	-.13242	-.02107	-.31892	.00058	-.03914	-18.98600	8.36810
199.830	196.130	-.06791	-.93533	-.00162	-.13131	-.02084	-.31816	.00113	-.03853	-18.98300	8.36610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT732) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2007/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.494	-3.910	-.06131	-.92761	-.00075	-.13027	-.02096	-.31790	.00061	-.03899	-18.97600	8.30490
99.121	96.043	-.05895	-.92974	-.00149	-.13167	-.01816	-.31662	-.00020	-.04000	-18.98000	8.30460
99.046	196.030	-.06011	-.93234	.00007	-.13033	-.02208	-.32102	-.00050	-.04037	-18.97800	8.30890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2008/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.650	195.940	-.06500	-.93490	-.00049	-.13054	-.02461	-.32276	.00055	-.03921	-18.98100	8.30580
146.220	96.009	-.06026	-.92999	-.00083	-.13086	-.02043	-.31853	-.00006	-.03981	-18.97900	8.30430
147.900	-4.127	-.06128	-.93218	-.00060	-.13081	-.01966	-.31816	.00095	-.03886	-18.97900	8.30590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT732) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2009/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.190	-4.011	-.06101	-.93030	.00040	-.12956	-.02065	-.31860	.00094	-.03879	-18.97500	8.30140
201.740	96.147	-.06352	-.93131	-.00007	-.12981	-.02005	-.31749	-.00000	-.03967	-18.97700	8.30640
199.900	195.990	-.06526	-.93242	-.00097	-.13062	-.02150	-.31872	.00046	-.03918	-18.98000	8.30120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, O/ET W/SRBS SEPARATING, BOTH SRB JETS ON (LVT733) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -18.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2010/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
96.916	-3.953	-.07149	-.93561	.00231	-.12688	-.02665	-.32285	-.00036	-.03987	-18.97300	8.32720
98.812	96.057	-.07245	-.93806	.00376	-.12566	-.02602	-.32273	.00155	-.03802	-18.97100	8.32220
100.680	196.160	-.07189	-.93633	.00240	-.12685	-.03187	-.32818	.00088	-.03864	-18.97300	8.32320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000

RUN NO. 2011/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.980	196.020	-.06653	-.93366	.00219	-.12746	-.02791	-.32513	.00101	-.03863	-18.97200	8.33030
152.260	95.951	-.06581	-.93172	.00271	-.12676	-.02286	-.31967	.00129	-.03830	-18.97000	8.32080
148.490	-4.080	-.07062	-.93914	.00205	-.12780	-.02573	-.32342	-.00019	-.03989	-18.97700	8.32430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2012/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.540	-4.083	-.06826	-.95690	.00176	-.13107	-.02300	-.32747	-.00026	-.04084	-18.99600	8.33350
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
201.680	196.040	-.06455	-.94975	.00165	-.13067	-.02427	-.32758	.00042	-.04001	-18.99200	8.33330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL01) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 391/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.405	400.250	-.02418	-.87958	.00232	-.12557	-.00687	-.30007	-.00026	-.03936	-.95157	.30435
-.165	300.270	-.02619	-.88170	.00097	-.12694	-.00492	-.29815	.00099	-.03812	-.95697	.29827
-.435	250.120	-.02874	-.88530	.00033	-.12774	-.00379	-.29738	.00155	-.03761	-.96056	.29612
-.548	200.140	-.03112	-.88601	-.00024	-.12805	-.00389	-.29691	.00223	-.03684	-.96224	.29393
-.201	175.130	-.03004	-.88582	-.00009	-.12804	-.00309	-.29642	.00277	-.03635	-.96166	.29371
-.826	150.110	-.03095	-.88600	-.00008	-.12791	-.00344	-.29652	.00289	-.03620	-.96126	.29168
-.085	125.060	-.03086	-.88533	.00021	-.12754	-.00338	-.29626	.00288	-.03618	-.96056	.29166
-.332	100.130	-.03075	-.88562	.00063	-.12718	-.00375	-.29677	.00205	-.03703	-.95983	.29429
-2.041	75.295	-.03251	-.88790	.00219	-.12570	-.00797	-.30116	-.00294	-.04205	-.95729	.31077
-1.171	50.106	-.03654	-.89222	.00355	-.12438	-.01343	-.30673	-.00849	-.04760	-.95641	.33120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 394/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.707	400.180	-.02576	-.87860	.00154	-.12597	-.00483	-.29716	.00111	-.03788	-.95198	.29660
49.497	300.290	-.02961	-.87862	.00082	-.12612	-.00508	-.29612	.00216	-.03667	-.95197	.28917
49.437	250.160	-.03181	-.88379	.00088	-.12650	-.00500	-.29704	.00235	-.03661	-.95659	.29155
50.571	200.040	-.03132	-.87722	.00128	-.12520	-.00441	-.29439	.00241	-.03627	-.94947	.28870
49.182	175.200	-.03137	-.88367	.00143	-.12600	-.00449	-.29664	.00224	-.03673	-.95462	.28603
49.056	150.110	-.03121	-.87930	.00169	-.12512	-.00443	-.29516	.00209	-.03669	-.95079	.29211
50.403	125.160	-.03098	-.89266	.00206	-.12676	-.00487	-.30018	.00173	-.03765	-.96277	.29837
49.989	100.120	-.03160	-.89826	.00231	-.12725	-.00574	-.30274	.00114	-.03845	-.96747	.30245
49.953	75.197	-.03201	-.89976	.00253	-.12719	-.00644	-.30381	.00028	-.03936	-.96823	.30403
48.664	50.064	-.03156	-.88962	.00290	-.12538	-.00709	-.30119	-.00084	-.04006	-.95741	.30380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL02) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 392/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.022	25.310	-.03996	-.90635	.00360	-.12592	-.01467	-.31158	-.00998	-.04957	-.96924	.33533
-.471	.039	-.03982	-.90464	.00368	-.12561	-.01417	-.31055	-.00975	-.04927	-.96720	.33529
-.343	-49.850	-.03731	-.90421	.00349	-.12611	-.01245	-.30953	-.00833	-.04794	-.96752	.33076
-.447	-99.835	-.03335	-.90076	.00247	-.12720	-.00998	-.30723	-.00583	-.04546	-.96876	.32437
-1.113	-199.960	-.02684	-.89194	.00458	-.12475	-.02378	-.32026	-.00992	-.04945	-.95727	.34472
.239	-99.925	-.03307	-.90880	.00273	-.12818	-.01043	-.31048	-.00607	-.04606	-.97666	.32866
-.605	-49.952	-.03825	-.91562	.00315	-.12800	-.01225	-.31286	-.00822	-.04829	-.98045	.33637
-.030	.109	-.03996	-.91716	.00334	-.12779	-.01449	-.31504	-.00975	-.04981	-.98151	.34070
-.433	25.093	-.03948	-.91694	.00350	-.12766	-.01524	-.31588	-.01000	-.05007	-.98061	.34345
-.326	50.180	-.03794	-.91538	.00328	-.12788	-.01441	-.31504	-.00895	-.04902	-.97974	.33822
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 395/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.531	25.184	-.03283	-.89333	.00336	-.12529	-.00922	-.30414	-.00280	-.04213	-.95901	.31298
48.859	-.182	-.03535	-.89601	.00371	-.12496	-.01138	-.30636	-.00519	-.04452	-.95983	.31935
49.456	-49.894	-.03217	-.89303	.00393	-.12477	-.00979	-.30483	-.00375	-.04309	-.95774	.31613
50.680	-99.898	-.02921	-.88984	.00390	-.12477	-.00811	-.30307	-.00219	-.04153	-.95556	.31057
49.819	-199.910	-.02655	-.88730	.00384	-.12484	-.01570	-.31070	-.00358	-.04292	-.95472	.31860
49.563	-100.030	-.02890	-.88957	.00384	-.12483	-.00822	-.30319	-.00224	-.04158	-.95642	.30950
48.941	-49.901	-.03310	-.89408	.00383	-.12488	-.00997	-.30505	-.00384	-.04318	-.95890	.31663
49.923	.087	-.03507	-.89587	.00355	-.12514	-.01093	-.30595	-.00472	-.04406	-.96063	.31963
50.023	25.156	-.03326	-.89418	.00331	-.12540	-.00882	-.30388	-.00267	-.04201	-.96049	.31112
50.017	50.113	-.03253	-.89290	.00276	-.12587	-.00754	-.30241	-.00108	-.04040	-.96086	.30574
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL03) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = .000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 393/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-3.055	75.293	-.03641	-.89048	.00151	-.12618	-.00923	-.30197	.00289	-.04193	-.96030	.31119
1.838	100.210	-.03054	-.88556	.00069	-.12714	-.00310	-.29617	.00207	-.03701	-.96016	.29395
.223	125.080	-.03043	-.89059	.00035	-.12825	-.00285	-.29766	.00262	-.03669	-.96494	.29386
-.730	150.140	-.02996	-.89141	.00012	-.12867	-.00277	-.29801	.00276	-.03661	-.96672	.29237
-.224	175.100	-.03055	-.89312	-.00006	-.12901	-.00291	-.29852	.00256	-.03686	-.96885	.29351
-.305	200.090	-.03028	-.89530	-.00005	-.12937	-.00322	-.29966	.00221	-.03731	-.96953	.29829
-1.331	250.230	-.02959	-.85298	.00015	-.12299	-.00344	-.28583	.00137	-.03633	-.92819	.28199
-.018	300.330	-.02451	-.85992	.00102	-.12390	-.00326	-.28971	.00111	-.03712	-.93540	.28728
-.324	400.240	-.02285	-.86709	.00238	-.12385	-.00579	-.29522	-.00024	-.03886	-.93866	.29238
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 396/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.136	75.308	-.03153	-.89264	.00250	-.12623	-.00630	-.30142	.00023	-.03912	-.96163	.30490
49.781	100.140	-.03133	-.89288	.00226	-.12654	-.00575	-.30102	.00090	-.03847	-.96234	.29952
50.161	125.170	-.03122	-.89250	.00200	-.12676	-.00505	-.30024	.00160	-.03776	-.96289	.29878
49.480	150.150	-.03121	-.89286	.00172	-.12710	-.00485	-.30015	.00179	-.03758	-.96372	.29981
49.821	175.020	-.03120	-.89305	.00162	-.12723	-.00453	-.29990	.00205	-.03734	-.96417	.29569
49.718	200.000	-.03125	-.89275	.00132	-.12747	-.00461	-.29987	.00217	-.03720	-.96459	.29532
49.670	250.250	-.03119	-.89281	.00105	-.12776	-.00517	-.30047	.00211	-.03726	-.96511	.29586
49.578	300.140	-.02949	-.89074	.00079	-.12797	-.00530	-.30047	.00221	-.03714	-.96520	.29750
50.028	400.310	-.02663	-.88813	.00140	-.12740	-.00553	-.30078	.00116	-.03821	-.96213	.29726
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL04) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA = .000	BETA = .000
ALPHAB = -4.000	BETAB = .000
Y = .000	JET PC = 1225.000
MACH = 4.500	

RUN NO. 419/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.855	400.240	-.02689	-.86828	.00146	-.12435	-.00706	-.29553	-.00094	-.03943	-4.94180	.30450
-.442	300.170	-.03117	-.86996	.00056	-.12487	-.00711	-.29469	-.00024	-.03861	-4.94420	.29846
-.456	250.090	-.03384	-.87212	.00011	-.12524	-.00726	-.29468	.00029	-.03806	-4.94620	.30349
-.263	200.030	-.03532	-.87320	-.00001	-.12530	-.00690	-.29418	.00081	-.03752	-4.94750	.29858
.023	175.110	-.03585	-.88418	.00020	-.12664	-.00701	-.29781	.00094	-.03785	-4.95790	.30563
-.604	150.220	-.03671	-.88842	.00044	-.12690	-.00712	-.29906	.00098	-.03796	-4.96140	.30368
-.252	125.060	-.03829	-.88819	.00058	-.12649	-.00774	-.29908	.00075	-.03811	-4.95980	.30558
-1.764	100.180	-.04098	-.89019	.00098	-.12600	-.00984	-.30095	-.00175	-.04058	-4.95870	.31145
.455	75.091	-.04454	-.89603	.00148	-.12583	-.01333	-.30520	-.00541	-.04434	-4.96320	.32679
-.969	49.996	-.04703	-.90409	.00144	-.12669	-.01550	-.30925	-.00693	-.04610	-4.96900	.33566
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 421/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.750	400.080	-.03062	-.88982	.00073	-.12772	-.00691	-.30139	-.00060	-.03987	-4.96300	.31167
49.235	300.080	-.03320	-.89297	.00035	-.12819	-.00645	-.30113	-.00004	-.03934	-4.96570	.30499
50.017	250.150	-.03529	-.89456	.00031	-.12815	-.00610	-.30061	.00022	-.03906	-4.96660	.30715
49.727	200.000	-.03713	-.89545	.00063	-.12769	-.00569	-.29987	.00016	-.03907	-4.96620	.30507
50.096	175.110	-.03795	-.89643	.00079	-.12755	-.00568	-.29991	.00008	-.03916	-4.96630	.30198
49.044	150.040	-.03794	-.89696	.00115	-.12728	-.00521	-.29963	-.00004	-.03930	-4.96640	.30231
49.913	124.980	-.03843	-.89762	.00145	-.12700	-.00537	-.29985	-.00027	-.03954	-4.96610	.30800
49.402	100.030	-.03913	-.89858	.00177	-.12672	-.00595	-.30051	-.00072	-.04000	-4.96620	.30655
50.232	75.041	-.04012	-.89940	.00204	-.12642	-.00653	-.30103	-.00110	-.04037	-4.96580	.30946
49.686	50.032	-.04222	-.90261	.00248	-.12615	-.00728	-.30217	-.00186	-.04118	-4.96690	.31566
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL05) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 431/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
9.497	400.060	-.02766	-.89488	.00120	-.12845	-.00695	-.30414	-.00078	-.04040	-4.96710	.34268
9.752	300.050	-.03276	-.90052	.00024	-.12949	-.00740	-.30477	-.00008	-.03973	-4.97250	.34281
10.216	249.930	-.03467	-.90227	-.00006	-.12976	-.00692	-.30424	.00040	-.03924	-4.97450	.33796
9.392	199.910	-.03574	-.90318	.00014	-.12954	-.00647	-.30373	.00077	-.03886	-4.97500	.33674
9.823	175.010	-.03627	-.90373	.00026	-.12942	-.00633	-.30360	.00091	-.03872	-4.97500	.33628
9.278	149.980	-.03766	-.90572	.00044	-.12933	-.00656	-.30403	.00086	-.03881	-4.97520	.33813
9.791	124.910	-.03814	-.90550	.00075	-.12891	-.00640	-.30364	.00048	-.03915	-4.97510	.33751
9.801	99.907	-.04140	-.90894	.00123	-.12847	-.00873	-.30603	-.00197	-.04161	-4.97590	.34574
9.226	74.894	-.04517	-.91175	.00147	-.12808	-.01187	-.30884	-.00477	-.04436	-4.97750	.35549
8.914	49.879	-.04695	-.91475	.00168	-.12805	-.01359	-.31098	-.00626	-.04591	-4.97750	.35884
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 428/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.739	400.020	-.02844	-.89031	.00102	-.12783	-.00631	-.30169	-.00035	-.03974	-4.96360	.34103
50.154	300.120	-.03374	-.90319	.00027	-.12971	-.00675	-.30470	.00010	-.03963	-4.97430	.33741
49.597	249.860	-.03397	-.89890	.00039	-.12892	-.00554	-.30196	.00043	-.03910	-4.97030	.33582
49.852	199.970	-.03588	-.90224	.00073	-.12679	-.00531	-.30221	.00038	-.03920	-4.97210	.33959
49.502	174.910	-.03654	-.89975	.00101	-.12804	-.00484	-.30067	.00026	-.03919	-4.96870	.33673
49.666	149.970	-.03723	-.90329	.00119	-.12828	-.00523	-.30203	.00017	-.03940	-4.97170	.33515
49.639	124.980	-.03815	-.90591	.00155	-.12818	-.00537	-.30275	-.00010	-.03975	-4.97290	.33816
49.978	99.874	-.03895	-.90642	.00180	-.12788	-.00580	-.30307	-.00063	-.04026	-4.97290	.33993
49.828	74.880	-.03968	-.90848	.00210	-.12778	-.00634	-.30407	-.00089	-.04059	-4.97280	.34111
49.281	49.933	-.04176	-.90706	.00256	-.12680	-.00692	-.30346	-.00179	-.04133	-4.97080	.34474
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON   (LVTL06) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES   ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = .000
ALPHAB = -4.000   BETAB = .000
Y = .000   JET PC = 1225.000
MACH = 4.500

RUN NO. 422/ 0   RN/L = 1.52   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.423	25.051	-.04582	-.90640	.00280	-.12586	-.00903	-.30397	-.00292	-.04225	-4.96850	.31493
49.415	.009	-.04619	-.90635	.00287	-.12572	-.00919	-.30399	-.00255	-.04187	-4.96840	.31403
50.720	-50.020	-.04188	-.90127	.00232	-.12616	-.00564	-.30018	-.00130	-.04058	-4.96700	.30473
50.595	-100.190	-.03490	-.89585	.00206	-.12666	-.00678	-.30186	-.00079	-.04014	-4.96350	.30593
50.050	-150.190	-.03432	-.89549	.00295	-.12580	-.00987	-.30502	-.00122	-.04058	-4.96130	.31609
49.399	-99.914	-.03476	-.89622	.00230	-.12649	-.00695	-.30219	-.00090	-.04027	-4.96370	.30831
48.740	-50.116	-.04196	-.90300	.00268	-.12605	-.00616	-.30126	-.00159	-.04095	-4.96690	.31272
49.046	-.074	-.04649	-.90727	.00284	-.12585	-.00948	-.30449	-.00259	-.04193	-4.96900	.31614
49.994	24.987	-.04610	-.90688	.00266	-.12603	-.00945	-.30446	-.00274	-.04208	-4.96930	.31323
50.081	50.005	-.04362	-.90455	.00231	-.12640	-.00784	-.30290	-.00197	-.04132	-4.96890	.31012
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON   (LVTL07) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES   ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000   BETA = .000
ALPHAB = -4.000   BETAB = .000
Y = .000   JET PC = 1225.000
MACH = 4.500

RUN NO. 426/ 0   RN/L = 1.53   GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
9.240	24.951	-.04652	-.91072	.00160	-.12780	-.01375	-.30992	-.00647	-.04597	-4.97410	.36317
9.564	-.033	-.04615	-.90974	.00151	-.12759	-.01331	-.30928	-.00625	-.04571	-4.97390	.35891
9.720	-50.117	-.04280	-.90428	.00159	-.12721	-.01059	-.30584	-.00416	-.04353	-4.96920	.35036
10.301	-100.220	-.03593	-.89643	.00105	-.12760	-.00942	-.30434	-.00199	-.04132	-4.96530	.34663
10.055	-150.270	-.03555	-.89482	.00117	-.12730	-.01252	-.30702	-.00269	-.04196	-4.96440	.35232
9.506	-100.210	-.03687	-.89713	.00095	-.12766	-.00993	-.30478	-.00235	-.04167	-4.96560	.34943
8.952	-50.166	-.04324	-.90408	.00144	-.12726	-.01105	-.30609	-.00423	-.04358	-4.96940	.35402
10.066	-.113	-.04687	-.90669	.00136	-.12719	-.01407	-.30876	-.00632	-.04562	-4.97210	.36363
9.863	24.821	-.04688	-.90908	.00155	-.12736	-.01413	-.30963	-.00649	-.04590	-4.97250	.36766
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL07) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 429/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
48.776	24.965	-.04429	-.89956	.00285	-.12502	-.00826	-.30141	-.00278	-.04188	-4.96200	.33975
49.618	-.024	-.04178	-.91830	.00351	-.12751	-.00730	-.30763	-.00263	-.04266	-4.97980	.35157
50.228	-50.270	-.04202	-.90325	.00267	-.12608	-.00621	-.30138	-.00137	-.04073	-4.96600	.33802
50.888	-100.180	-.03449	-.89924	.00230	-.12698	-.00654	-.30290	-.00068	-.04020	-4.96510	.34079
49.916	-150.280	-.03381	-.89904	.00296	-.12639	-.00971	-.30623	-.00110	-.04064	-4.96370	.34779
49.373	-100.210	-.03403	-.89925	.00243	-.12692	-.00679	-.30331	-.00076	-.04030	-4.96650	.34195
48.214	-50.244	-.04124	-.90732	.00298	-.12650	-.00622	-.30302	-.00169	-.04126	-4.96980	.34570
49.915	-.109	-.04581	-.91117	.00293	-.12644	-.00932	-.30589	-.00272	-.04226	-4.97180	.34714
49.893	24.960	-.04509	-.91055	.00280	-.12658	-.00919	-.30579	-.00281	-.04236	-4.97250	.35087
50.280	49.840	-.04273	-.90772	.00235	-.12696	-.00780	-.30423	-.00186	-.04139	-4.97190	.34558
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL08) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 420/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.008	75.288	-.04527	-.90233	.00116	-.12697	-.01389	-.30765	-.00570	-.04488	-4.96910	.32648
.158	100.060	-.04198	-.89893	.00085	-.12727	-.01018	-.30390	-.00218	-.04135	-4.96690	.31396
.527	124.920	-.03872	-.89530	.00048	-.12759	-.00780	-.30140	.00058	-.03857	-4.96610	.30661
.108	150.090	-.03710	-.89412	.00037	-.12776	-.00687	-.30061	.00087	-.03830	-4.96600	.31031
-.302	175.060	-.03608	-.89315	.00018	-.12795	-.00676	-.30052	.00078	-.03839	-4.96590	.30229
-.580	200.050	-.03527	-.89321	.00006	-.12821	-.00678	-.30083	.00066	-.03856	-4.96610	.30771
-.124	250.000	-.03427	-.89208	.00007	-.12818	-.00724	-.30125	.00009	-.03912	-4.96530	.30624
-.665	300.180	-.03179	-.89000	.00040	-.12790	-.00743	-.30158	-.00038	-.03961	-4.96310	.30766
-.040	400.120	-.02706	-.88454	.00141	-.12679	-.00713	-.30102	-.00106	-.04026	-4.95740	.30744
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL08) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 423/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.385	75.050	-.04111	-.90173	.00192	-.12675	-.00689	-.30185	-.00128	-.04061	-4.96870	.31098
49.207	100.010	-.03974	-.90203	.00172	-.12720	-.00638	-.30191	-.00073	-.04014	-4.96890	.30773
50.138	125.120	-.03901	-.90082	.00142	-.12742	-.00576	-.30112	-.00027	-.03966	-4.96920	.30439
49.824	150.140	-.03820	-.90097	.00116	-.12782	-.00533	-.30101	-.00002	-.03944	-4.96910	.30661
49.716	174.980	-.03766	-.89889	.00086	-.12790	-.00537	-.30053	.00010	-.03926	-4.96940	.30298
50.023	200.050	-.03635	-.89882	.00073	-.12821	-.00526	-.30084	.00021	-.03920	-4.96990	.30462
50.060	250.040	-.03493	-.89699	.00029	-.12859	-.00617	-.30162	.00021	-.03919	-4.96990	.30525
49.414	300.080	-.03368	-.89663	.00019	-.12882	-.00656	-.30231	-.00008	-.03952	-4.96930	.30631
49.846	400.060	-.03135	-.89422	.00053	-.12847	-.00733	-.30306	-.00050	-.03993	-4.96690	.30794
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL09) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 427/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
8.288	75.015	-.04226	-.88737	.00147	-.12490	-.01007	-.29979	-.00354	-.04220	-4.95340	.34561
11.156	100.040	-.03854	-.88242	.00105	-.12513	-.00670	-.29601	-.00047	-.03907	-4.95110	.33293
9.745	124.870	-.03656	-.88100	.00073	-.12553	-.00557	-.29507	.00081	-.03782	-4.95080	.32547
10.379	149.940	-.03649	-.89041	.00055	-.12712	-.00578	-.29848	.00090	-.03814	-4.96100	.33078
9.219	174.950	-.03598	-.88982	.00029	-.12738	-.00594	-.29862	.00088	-.03816	-4.95980	.33033
10.528	199.950	-.03502	-.89408	.00018	-.12825	-.00591	-.30034	.00080	-.03847	-4.96610	.33308
9.204	249.910	-.03422	-.88886	.00009	-.12769	-.00660	-.29955	.00030	-.03877	-4.96170	.33497
10.100	300.040	-.03248	-.88660	.00025	-.12745	-.00707	-.29985	-.00015	-.03920	-4.95880	.33433
9.862	399.960	-.02720	-.88148	.00124	-.12649	-.00661	.29944	-.00084	-.03989	-4.95320	.33581
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL09) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -4.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 430/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.106	74.941	-.03987	-.90665	.00202	-.12754	-.00621	-.30322	-.00096	-.04056	-4.97180	.34557
49.850	99.938	-.03945	-.90491	.00172	-.12767	-.00617	-.30277	-.00069	-.04024	-4.97170	.33970
49.853	124.940	-.03828	-.90516	.00154	-.12806	-.00542	-.30250	-.00012	-.03973	-4.97190	.34110
49.655	150.060	-.03740	-.90398	.00124	-.12831	-.00529	-.30227	.00007	-.03953	-4.97200	.34212
49.752	174.940	-.03726	-.90352	.00092	-.12858	-.00546	-.30233	.00025	-.03933	-4.97260	.33355
49.536	199.970	-.03630	-.90214	.00064	-.12880	-.00556	-.30229	.00041	-.03916	-4.97250	.33641
50.201	249.930	-.03480	-.90029	.00026	-.12913	-.00605	-.30265	.00039	-.03916	-4.97280	.34022
50.002	300.040	-.03336	-.89923	.00016	-.12929	-.00666	-.30339	.00020	-.03936	-4.97140	.34089
49.616	399.990	-.03044	-.89398	.00068	-.12841	-.00715	-.30309	-.00034	-.03980	-4.96800	.33927
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL10) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 461/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.997	400.130	-.04219	-.90562	.00057	-.12853	-.00845	-.30442	-.00062	-.04010	-8.96210	.30829
99.701	300.160	-.04465	-.90835	.00084	-.12830	-.00875	-.30481	-.00015	-.03964	-8.96320	.30576
99.895	250.110	-.04462	-.90880	.00107	-.12813	-.00901	-.30524	.00014	-.03937	-8.96310	.30210
99.740	200.150	-.04566	-.91025	.00123	-.12804	-.00902	-.30538	.00041	-.03912	-8.96360	.30475
99.669	175.090	-.04669	-.91116	.00142	-.12783	-.00961	-.30593	.00072	-.03881	-8.96390	.30279
99.770	150.030	-.04701	-.91155	.00154	-.12773	-.01005	-.30640	.00089	-.03864	-8.96360	.30427
99.285	125.060	-.04755	-.91155	.00219	-.12699	-.00868	-.30484	.00095	-.03855	-8.96320	.30172
99.466	100.020	-.05103	-.91526	.00307	-.12614	-.00451	-.30075	.00109	-.03842	-8.96250	.29802
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL11) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 467/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.547	400.190	-.04039	-.90309	.00120	-.12777	-.00861	-.30426	-.00060	-.04002	-8.97160	.32442
99.917	299.990	-.04160	-.90169	.00148	-.12711	-.00913	-.30390	-.00009	-.03939	-8.96900	.32247
99.787	250.100	-.04242	-.90351	.00149	-.12724	-.00932	-.30444	.00028	-.03907	-8.97030	.32194
99.682	200.010	-.04320	-.90431	.00162	-.12711	-.00965	-.30477	.00054	-.03881	-8.97030	.32798
99.522	175.100	-.04425	-.90424	.00171	-.12686	-.00984	-.30457	.00086	-.03844	-8.97090	.31916
99.764	149.990	-.04511	-.90573	.00182	-.12685	-.01049	-.30544	.00108	-.03825	-8.97140	.31752
99.338	125.010	-.04781	-.91007	.00268	-.12623	-.00613	-.30164	.00129	-.03811	-8.97240	.31749
99.410	100.020	-.04945	-.90885	.00269	-.12580	-.00480	-.29934	.00174	-.03754	-8.97040	.31414
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL12) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 462/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.098	75.235	-.05520	-.92831	.00285	-.12768	-.00581	-.30505	.00166	-.03824	-8.97340	.30542
99.600	50.059	-.05536	-.92748	.00302	-.12736	-.00697	-.30527	.00175	-.03811	-8.97350	.29963
99.870	25.022	-.05182	-.92506	.00295	-.12760	-.00836	-.30764	.00232	-.03759	-8.97170	.30416
99.833	-.037	-.05070	-.92270	.00322	-.12715	-.01071	-.30957	.00279	-.03706	-8.97000	.30617
99.635	25.124	-.05202	-.92471	.00304	-.12743	-.00827	-.30736	.00244	-.03744	-8.97200	.30389
99.644	49.985	-.05499	-.92748	.00312	-.12731	-.00709	-.30611	.00186	-.03802	-8.97320	.30276
99.928	75.056	-.05473	-.92766	.00286	-.12764	-.00606	-.30524	.00172	-.03817	-8.97390	.30408
99.537	100.040	-.05282	-.92693	.00296	-.12772	-.00469	-.30426	.00150	-.03845	-8.97270	.30373
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL13) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 463/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.975	125.140	-.04844	-.92305	.00220	-.12856	-.00842	-.30816	.00095	-.03902	-8.97300	.30837
100.560	149.940	-.04782	-.92142	.00154	-.12907	-.01072	-.31012	.00088	-.03904	-8.97370	.31333
99.414	175.050	-.04663	-.92167	.00141	-.12941	-.01034	-.31023	.00075	-.03924	-8.97400	.31366
99.393	200.060	-.04603	-.92073	.00123	-.12954	-.01000	-.30977	.00035	-.03962	-8.97370	.31431
100.110	250.030	-.04515	-.91847	.00099	-.12957	-.00986	-.30915	.00009	-.03982	-8.97390	.31334
99.518	300.080	-.04417	-.91976	.00092	-.12998	-.00938	-.30946	-.00016	-.04018	-8.97390	.31545
99.465	400.140	-.04262	-.91699	.00049	-.13023	-.00896	-.30862	-.00061	-.04057	-8.97370	.31456
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL14) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = .000
ALPHAB = -8.000 BETAB = .000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 468/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.273	125.000	-.04953	-.90838	.00252	-.12588	-.00577	-.30012	.00114	-.03812	-8.97090	.31487
100.620	149.940	-.04525	-.90410	.00177	-.12663	-.01045	-.30480	.00112	-.03813	-8.97030	.32507
99.421	174.890	-.04486	-.90414	.00154	-.12692	-.01014	-.30464	.00085	-.03842	-8.97040	.31563
99.698	200.020	-.04374	-.90259	.00141	-.12699	-.00973	-.30408	.00053	-.03872	-8 96980	.31935
100.220	249.900	-.04249	-.90022	.00136	-.12688	-.00949	-.30346	.00029	-.03892	-8.96800	.32267
99.179	300.090	-.04217	-.90049	.00126	-.12706	-.00910	-.30328	-.00008	-.03931	-8.96840	.32678
99.751	400.050	-.04068	-.89849	.00091	-.12734	-.00854	-.30254	-.00059	-.03980	-8.96830	.32440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL15) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1794/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.307	-2.529	-.01576	-.88245	.01237	-.11720	-.09593	-.39299	-.01174	-.05136	5.07720	14.38100
-.077	97.468	-.01754	-.88350	.01205	-.11741	-.08106	-.37786	-.01486	-.05444	5.07480	14.37600
.370	197.500	-.01418	-.88152	.01093	-.11875	-.07789	-.37516	-.01565	-.05530	5.07420	14.37600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1795/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.290	197.490	-.00434	-.87245	.01118	-.11861	-.07669	-.37422	-.01279	-.05247	5.07950	14.37000
99.837	97.408	-.00377	-.87166	.01160	-.11815	-.08176	-.37921	-.01232	-.05198	5.08110	14.37400
100.300	-2.591	-.00444	-.87351	.01129	-.11864	-.09197	-.38983	-.01161	-.05133	5.07970	14.37500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1796/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.620	-2.626	-.00102	-.86971	.00891	-.12096	-.09580	-.39353	-.01010	-.04980	5.07610	14.39100
200.370	97.409	.00233	-.86568	.00836	-.12141	-.08867	-.38617	-.01100	-.05067	5.07750	14.38800
200.230	197.430	.00567	-.86239	.00820	-.12158	-.08416	-.38167	-.01238	-.05205	5.07830	14.38700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL16) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1820/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.137	.389	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.138	100.390	-.01384	-.88484	.00586	-.12435	-.03196	-.33047	-.00732	-.04713	5.05880	12.32900
49.471	200.460	-.00764	-.88081	.00754	-.12300	-.01640	-.31564	.00091	-.03899	5.06390	12.29500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL16) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1821/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.200	200.370	-.00027	-.87647	.00873	-.12225	-.02986	-.33013	-.00241	-.04245	5.06060	12.31500
101.360	100.350	-.00593	-.88191	.00698	-.12397	-.04019	-.34039	-.00803	-.04805	5.06110	12.34100
98.668	.407	-.00574	-.87320	.01068	-.11901	-.05745	-.35477	-.01195	-.05160	5.07860	12.35700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1822/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.330	.333	.00277	-.86646	.00921	-.12075	-.07139	-.36931	-.00814	-.04787	5.07940	12.35800
201.350	100.250	.00017	-.86740	.00637	-.12334	-.06600	-.36335	-.01002	-.04967	5.07200	12.35500
199.280	200.390	.00373	-.86378	.00672	-.12298	-.05984	-.35718	-.00655	-.04620	5.07570	12.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL17) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1799/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.205	.268	-.01780	-.88872	.01100	-.11921	-.07613	-.37462	-.01345	-.05325	5.06880	12.37600
-.109	100.410	-.02056	-.89069	.01041	-.11960	-.07043	-.36965	-.01406	-.05382	5.06580	12.33900
1.423	200.430	-.02542	-.89602	.00237	-.12778	-.04783	-.34620	-.01260	-.05239	5.04320	12.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1800/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.884	200.380	-.00864	-.87913	.00397	-.12617	-.05353	-.35187	-.01272	-.05250	5.05720	12.32200
99.274	100.310	-.00916	-.87911	.01007	-.11999	-.06609	-.36425	-.01231	-.05207	5.07210	12.37200
99.951	.275	-.00765	-.87822	.01015	-.12000	-.07489	-.37325	-.01086	-.05065	5.07310	12.38000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL17) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1801/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.040	.284	-.00239	-.87259	.00859	-.12150	-.07929	-.37752	-.00837	-.04814	5.07230	12.37400
200.290	100.180	.00065	-.86920	.00835	-.12170	-.07444	-.37256	-.00936	-.04911	5.07410	12.37400
200.760	200.490	.00125	-.86898	.00755	-.12255	-.06918	-.36743	-.00878	-.04855	5.07280	12.37800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL18) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1802/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.645	-.249	-.01489	-.88777	.00560	-.12489	-.01974	-.31889	-.00137	-.04126	5.05550	10.30200
49.755	99.923	-.01413	-.88717	.00583	-.12469	-.01502	-.31422	.00041	-.03949	5.05610	10.29200
50.247	200.030	-.01559	-.88881	.00474	-.12580	-.01325	-.31251	-.00017	-.04007	5.05280	10.29200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1803/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.703	199.850	-.00721	-.88128	.00563	-.12504	-.01695	-.31651	.00007	-.03987	5.05950	10.31900
100.250	99.746	-.00650	-.88043	.00682	-.12383	-.02018	-.31968	-.00044	-.04038	5.06260	10.31600
100.360	-.126	-.00896	-.88219	.00703	-.12352	-.02641	-.32567	-.00417	-.04407	5.06220	10.32700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1804/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.190	-.137	-.00272	-.87457	.00982	-.12152	-.05026	-.34906	-.00610	-.04594	5.07230	10.35900
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.04667	-.34552	-.00386	-.04371	5.07250	10.34900
200.070	199.880	-.00076	-.87028	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL19) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1805/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.902	-.420	-.01466	-.88241	.00667	-.12307	-.02626	-.32368	-.00440	-.04406	5.06330	10.32600
50.216	99.787	-.01113	-.87808	.00631	-.12331	-.01309	-.31023	.00249	-.03714	5.06520	10.29600
49.967	199.950	-.01128	-.87768	.00502	-.12452	-.01117	-.30813	.00170	-.03790	5.06190	10.29200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1806/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.360	199.920	-.00492	-.86983	.00628	-.12303	-.02120	-.31765	.00127	-.03826	5.07040	10.30300
100.190	99.622	-.00327	-.86782	.00780	-.12146	-.02306	-.31939	.00096	-.03856	5.07530	10.30800
100.370	-.207	-.00851	-.87293	.00721	-.12202	-.03298	-.32927	-.00588	-.04540	5.07160	10.33700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1807/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.340	-.297	-.00230	-.86571	.00820	-.12089	-.05160	-.34755	-.00632	-.04579	5.07870	10.34300
199.820	99.893	-.00021	-.86275	.00841	-.12055	-.04721	-.34287	-.00339	-.04282	5.08090	10.33500
199.890	199.880	.00215	-.86044	.00892	-.12005	-.04579	-.34146	-.00146	-.04089	5.08410	10.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL20) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1808/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.912	-.058	-.01155	-.86963	.01029	-.11801	-.05707	-.35123	-.01182	-.05106	5.08360	10.36100
51.464	99.846	-.01249	-.87023	.00554	-.12271	-.03123	-.32526	-.00701	-.04623	5.07160	10.33300
48.852	199.950	-.00623	-.86359	.00734	-.12085	-.01329	-.30720	.00229	-.03691	5.07980	10.29600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL20) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1809/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.670	199.840	.00173	-.86412	.00844	-.12101	-.02626	-.32303	.00117	-.03841	5.07960	10.31500
101.030	99.864	-.00548	-.87593	.00657	-.12357	-.03941	-.33774	-.00712	-.04690	5.06690	10.35100
99.242	-.210	-.00772	-.87645	.01008	-.11980	-.05575	-.35350	-.00968	-.04938	5.07420	10.37200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1810/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.500	-.269	-.00089	-.86916	.00927	-.12054	-.06422	-.36181	-.00604	-.04572	5.07750	10.36300
201.370	99.682	-.00328	-.87181	.00661	-.12324	-.06099	-.35867	-.00846	-.04815	5.06930	10.36600
199.510	199.900	.00069	-.86697	.00750	-.12222	-.05392	-.35130	-.00490	-.04456	5.07450	10.35400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL21) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1811/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.739	-4.038	-.01484	-.87989	.00623	-.12311	-.01557	-.31207	.00067	-.03888	5.06440	8.31840
50.206	95.766	-.01307	-.87789	.00523	-.12407	-.01269	-.30912	.00257	-.03697	5.06330	8.31450
50.048	195.730	-.01285	-.87755	.00405	-.12523	-.01245	-.30883	.00221	-.03732	5.06060	8.31190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1812/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	.00579	-.12377	-.01612	-.31222	.00250	-.03700	5.06790	8.31510
100.170	95.720	-.00833	-.87210	.00658	-.12256	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100.310	-4.184	-.00992	-.87316	.00722	-.12184	-.02291	-.31880	-.00109	-.04055	5.07200	8.35870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL21) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1813/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.650	-4.263	-.00170	-.86345	.00940	-.11944	-.04894	-.34433	-.00541	-.04481	5.08340	8.38740
200.040	95.825	-.00371	-.86561	.00913	-.11974	-.03971	-.33516	-.00183	-.04124	5.08190	8.37100
200.060	195.840	-.00339	-.86377	.00948	-.11916	-.03735	-.33228	-.00024	-.03958	5.08330	8.30760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL22) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1814/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.965	-4.254	-.01353	-.88017	.00708	-.12248	-.02285	-.31988	-.00398	-.04359	5.06500	8.32050
49.281	95.854	-.01025	-.87730	.00651	-.12312	-.00955	-.30672	.00406	-.03557	5.06550	8.28460
50.654	195.920	-.01240	-.87841	.00518	-.12430	-.00938	-.30620	.00293	-.03666	5.06190	8.28710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1815/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.160	195.840	-.00520	-.87040	.00643	-.12292	-.02005	-.31660	.00346	-.03609	5.07010	8.29670
100.020	95.867	-.00437	-.86909	.00798	-.12131	-.02140	-.31779	.00292	-.03661	5.07530	8.30200
101.010	-4.195	-.00854	-.87409	.00756	-.12184	-.03215	-.32683	-.00528	-.04485	5.07150	8.32500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1816/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.830	-4.213	-.00432	-.87180	.00885	-.12084	-.04645	-.34377	-.00481	-.04446	5.07570	8.33500
199.930	95.696	-.00228	-.86909	.00927	-.12032	-.04137	-.33847	-.00239	-.04201	5.07790	8.32820
199.790	195.920	-.00068	-.86714	.00946	-.12009	-.04051	-.33749	-.00035	-.03996	5.08030	8.32510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL23) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1817/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.129	-4.172	-.00898	-.87212	.00985	-.11920	-.05587	-.35173	-.00864	-.04810	5.07910	8.36860
51.722	95.832	-.01363	-.87575	.00443	-.12447	-.03251	-.32802	-.00887	-.04829	5.06310	8.35530
48.973	195.800	-.00558	-.86804	.00686	-.12209	-.01351	-.30914	.00486	-.03457	5.07400	8.30170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1818/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.520	195.850	.00008	-.86124	.00821	-.12057	-.02506	-.32031	.00347	-.03591	5.08180	8.31510
100.750	95.860	-.00703	-.86744	.00569	-.12296	-.03905	-.33399	-.00796	-.04730	5.07260	8.35350
98.995	-4.150	-.00765	-.86679	.01028	-.11817	-.05444	-.34895	-.00692	-.04620	5.08350	8.35730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1819/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.200	-4.359	-.00391	-.86320	.01031	-.11817	-.05670	-.35125	-.00484	-.04414	5.08670	8.35800
201.470	95.856	-.00625	-.86637	.00678	-.12182	-.05689	-.35173	-.00759	-.04692	5.07670	8.36540
199.550	195.810	-.00123	-.86052	.00797	-.12051	-.04889	-.34345	-.00422	-.04351	5.08300	8.35370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL24) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1262/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.00941	-.04878	-10.96500	14.34800
.563	97.634	-.04243	-.90203	.00150	-.12702	-.05191	-.34603	-.00972	-.04901	-10.96000	14.35500
-.063	197.760	-.04593	-.90546	.00136	-.12714	-.05785	-.35245	-.00932	-.04861	-10.96800	14.35800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL24) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1263/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.174	197.690	-.04247	-.90159	-.00026	-.12870	-.04629	-.34074	-.00721	-.04647	-10.97000	14.34100
50.170	97.608	-.04099	-.90230	-.00014	-.12891	-.04455	-.33976	-.00732	-.04669	-10.96900	14.34000
49.339	-2.368	-.04138	-.90258	.00127	-.12748	-.04360	-.33877	-.00678	-.04614	-10.96700	14.33800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1264/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.260	-2.184	-.04031	-.90161	.00087	-.12789	-.03971	-.33491	-.00455	-.04391	-10.96700	14.33200
99.315	97.550	-.03861	-.90045	-.00030	-.12915	-.03834	-.33373	-.00494	-.04433	-10.96900	14.33500
100.030	197.670	-.03896	-.90119	-.00059	-.12950	-.03680	-.33232	-.00442	-.04383	-10.97000	14.32500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1265/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.870	197.580	-.03739	-.89955	.00067	-.12822	-.03590	-.33140	-.00123	-.04063	-10.96600	14.32200
199.550	97.639	-.03643	-.89814	.00112	-.12771	-.03446	-.32979	-.00090	-.04028	-10.96500	14.31400
199.550	-2.461	-.03893	-.90072	.00231	-.12653	-.03485	-.33021	-.00097	-.04036	-10.96300	14.32100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL25) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1274/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.025	.527	-.04304	-.90555	-.00050	-.12944	-.03938	-.33499	-.00978	-.04920	-10.97200	12.36900
.546	100.630	-.04280	-.90586	-.00093	-.12996	-.03641	-.33220	-.00860	-.04805	-10.97400	12.37200
-.241	200.550	-.04255	-.90509	-.00059	-.12954	-.03231	-.32793	-.00786	-.04728	-10.97300	12.36000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL25) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1275/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.811	200.650	-.03872	-.90148	-.00149	-.13048	-.02306	-.31876	-.00420	-.04363	-10.97300	12.34300
48.511	100.530	-.03932	-.90183	-.00154	-.13049	-.02128	-.31689	-.00490	-.04432	-10.97300	12.34900
49.813	.340	-.04003	-.90369	-.00121	-.13033	-.02495	-.32095	-.00613	-.04560	-10.97300	12.35200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1276/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.764	.571	-.03572	-.89817	-.00137	-.13031	-.01967	-.31526	-.00378	-.04320	-10.97100	12.34300
100.440	100.460	-.03451	-.89773	-.00176	-.13082	-.01923	-.31508	-.00358	-.04303	-10.97100	12.34100
100.560	200.460	-.03271	-.89557	-.00163	-.13063	-.02144	-.31717	-.00268	-.04212	-10.97000	12.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1277/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.690	200.430	-.02918	-.89246	-.00035	-.12942	-.02089	-.31676	-.00200	-.04145	-10.96400	12.33600
198.600	100.470	-.03065	-.89472	-.00063	-.12982	-.02272	-.31887	-.00175	-.04124	-10.96600	12.33700
199.250	.382	-.03116	-.89527	-.00032	-.12951	-.02170	-.31786	-.00132	-.04081	-10.96600	12.33800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL26) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1310/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	-.04467	-.90690	.00197	-.12694	-.04060	-.33611	-.00870	-.04810	-10.96800	12.35100
.560	100.430	-.04308	-.90529	.00083	-.12806	-.04308	-.33809	[illegible]	[illegible]	-10.97000	12.34900
-.275	200.520	-.04332	-.90640	.00050	-.12854	-.04239	-.33820	-.00827	-.04771	-10.97100	12.35100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL26) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-10.000	BETAB	=	12.000
Y	=	150.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1311/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.436	200.470	-.04010	-.90333	-.00037	-.12942	-.03005	-.32591	-.00564	-.04509	-10.97200	12.33000
50.038	100.400	-.04045	-.90354	-.00034	-.12937	-.03096	-.32676	-.00628	-.04572	-10.97200	12.32900
49.510	.407	-.04219	-.90540	.00061	-.12845	-.03286	-.32871	-.00650	-.04595	-10.97000	12.33600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1312/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.483	.501	-.03920	-.90283	.00061	-.12851	-.02565	-.32163	-.00428	-.04375	-10.96900	12.32800
100.120	100.510	-.03748	-.90061	.00010	-.12894	-.02332	-.31913	-.00405	-.04349	-10.96900	12.31900
100.560	200.550	-.04033	-.90458	-.00031	-.12951	-.02847	-.32467	-.00376	-.04326	-10.97200	12.32900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1313/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.050	200.390	-.03698	-.90143	.00049	-.12875	-.02808	-.32434	-.00058	-.04008	-10.96900	12.31200
198.730	100.490	-.03798	-.90254	.00056	-.12869	-.02875	-.32506	-.00079	-.04030	-10.96900	12.31500
200.540	.376	-.03846	-.90303	.00151	-.12775	-.02693	-.32323	-.00072	-.04023	-10.96700	12.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL27) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	-10.000	BETA	=	10.000
ALPHAB	=	-10.000	BETAB	=	10.000
Y	=	.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1314/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-1.751	.189	-.04097	-.90650	-.00293	-.13232	-.01925	-.31588	-.00467	-.04422	-10.98000	10.33100
1.466	99.963	-.03986	-.90477	-.00171	-.13102	-.01870	-.31512	-.00317	-.04269	-10.97700	10.31900
1.302	199.960	-.03413	-.89949	.00016	-.12921	-.01564	-.31221	-.00208	-.04163	-10.96800	10.31500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL27) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1315/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.574	200.040	-.03021	-.89564	-.00051	-.12990	-.01700	-.31360	-.00173	-.04128	-10.96800	10.31400
50.432	99.812	-.03209	-.89740	-.00138	-.13075	-.01585	-.31241	-.00100	-.04055	-10.97100	10.31200
50.756	-.045	-.03369	-.89965	-.00215	-.13161	-.01626	-.31304	-.00145	-.04102	-10.97400	10.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1316/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.557	-.090	-.03661	-.90166	-.00183	-.13116	-.01061	-.30708	-.00093	-.04046	-10.97500	10.30400
100.610	99.933	-.02750	-.89302	-.00184	-.13123	-.01591	-.31253	-.00072	-.04028	-10.97000	10.30900
99.765	199.940	-.02820	-.89364	-.00056	-.12995	-.01623	-.31282	-.00221	-.04176	-10.96700	10.31400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1317/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.660	199.890	-.02758	-.89294	-.00030	-.12967	-.01861	-.31518	-.00201	-.04156	-10.96600	10.31600
200.170	100.110	-.02943	-.89568	-.00052	-.13003	-.01850	-.31538	-.00216	-.04174	-10.96800	10.31400
199.700	-.000	-.03293	-.89893	-.00119	-.13065	-.01999	-.31678	-.00299	-.04256	-10.97200	10.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL28) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1318/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.071	.067	-.04564	-.91130	-.00107	-.13049	-.02995	-.32662	-.00691	-.04647	-10.97900	10.33300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
.140	199.880	-.04189	-.90919	.00001	-.12965	-.01943	-.31667	-.00335	-.04298	-10.97500	10.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL28) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1319/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.783	199.990	-.03474	-.90130	-.00081	-.13036	-.01923	-.31621	-.00240	-.04200	-10.97200	10.31100
49.401	99.981	-.03973	-.90684	-.00129	-.13092	-.01690	-.31406	-.00300	-.04263	-10.97700	10.31300
48.162	-.048	-.04219	-.90867	-.00137	-.13091	-.01741	-.31436	-.00302	-.04262	-10.97800	10.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1320/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.950	-.096	-.03749	-.90356	-.00108	-.13056	-.01483	-.31164	-.00274	-.04231	-10.97500	10.31000
98.828	99.977	-.03382	-.90047	-.00158	-.13114	-.01816	-.31517	-.00170	-.04130	-10.97400	10.31200
99.607	200.010	-.03260	-.89862	-.00129	-.13076	-.01882	-.31561	-.00235	-.04192	-10.97200	10.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1321/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.470	199.940	-.03139	-.89756	-.00021	-.12970	-.01992	-.31676	-.00228	-.04186	-10.96900	10.30900
200.790	99.986	-.03264	-.89924	-.00042	-.12998	-.02140	-.31840	-.00181	-.04141	-10.97000	10.31100
199.470	.017	-.03226	-.89926	.00009	-.12953	-.01847	-.31560	-.00138	-.04100	-10.96900	10.30300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL29) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1322/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.006	-.010	-.04597	-.91193	.00053	-.12893	-.03371	-.33048	-.00804	-.04761	-10.97600	10.32700
.194	99.902	-.04528	-.91126	-.00018	-.12964	-.03180	-.32858	-.00720	-.04677	-10.97700	10.32500
-.324	199.980	-.04412	-.91068	.00016	-.12939	-.02895	-.32592	-.00621	-.04580	-10.97600	10.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL29) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1323/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
51.254	199.960	-.04195	-.90850	-.00100	-.13055	-.02291	-.31988	-.00353	-.04313	-10.97800	10.31000
48.271	99.907	-.04300	-.90876	-.00009	-.12952	-.01812	-.31482	-.00430	-.04386	-10.97500	10.31200
49.609	-.096	-.04407	-.91028	.00035	-.12915	-.02125	-.31810	-.00499	-.04457	-10.97500	10.31300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1324/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.976	.021	-.04166	-.90798	.00039	-.12912	-.01716	-.31406	-.00344	-.04303	-10.97400	10.31100
100.310	100.030	-.04038	-.90664	-.00057	-.13007	-.01762	-.31450	-.00336	-.04295	-10.97500	10.30700
100.850	200.080	-.03771	-.90489	-.00119	-.13083	-.02294	-.32013	-.00229	-.04192	-10.97600	10.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1325/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.930	200.050	-.03390	-.90121	-.00012	-.12978	-.02193	-.31916	-.00111	-.04074	-10.97000	10.29700
200.010	100.020	-.03604	-.90244	.00018	-.12935	-.02240	-.31932	-.00075	-.04034	-10.97100	10.30400
199.330	.084	-.03587	-.90349	.00103	-.12868	-.01985	-.31719	-.00094	-.04058	-10.96900	10.29500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL30) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1326/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-2.178	-3.930	-.04678	-.90811	-.00232	-.13109	-.01698	-.31419	-.00400	-.04337	-10.97800	8.33290
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.882	196.030	-.03756	-.89893	.00008	-.12870	-.01542	-.31064	-.00220	-.04157	-10.96700	8.32370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL30) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1327/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.496	195.950	-.03376	-.89444	-.00080	-.12948	-.01748	-.31247	-.00171	-.04105	-10.96700	8.32400
49.663	96.015	-.03755	-.89897	-.00095	-.12974	-.01461	-.30986	-.00121	-.04058	-10.96900	8.31880
50.251	-4.135	-.04239	-.90418	-.00096	-.12980	-.01170	-.30706	-.00164	-.04103	-10.97300	8.31800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1328/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.150	-3.987	-.04351	-.90482	-.00022	-.12899	-.00757	-.30277	-.00095	-.04032	-10.97100	8.31460
100.640	95.901	-.03344	-.89458	-.00157	-.13032	-.01641	-.31156	-.00069	-.04005	-10.96900	8.31730
100.050	195.920	-.03228	-.89386	-.00099	-.12980	-.01885	-.31414	-.00236	-.04174	-10.96600	8.33010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1329/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.730	195.910	-.03297	-.89455	-.00056	-.12937	-.01859	-.31389	-.00134	-.04072	-10.96600	8.32570
200.230	95.907	-.03561	-.89734	-.00044	-.12928	-.01907	-.31441	-.00097	-.04035	-10.96700	8.32330
199.600	-3.948	-.03971	-.89966	.00048	-.12809	-.01459	-.30933	-.00309	-.04239	-10.96700	8.32710
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL31) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1330/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.105	-3.940	-.05066	-.91234	.00022	-.12860	-.02488	-.32021	-.00545	-.04483	-10.97500	8.32980
.322	95.921	-.04891	-.90993	-.00008	-.12880	-.02294	-.31805	-.00376	-.04311	-10.97500	8.32070
.308	195.980	-.04488	-.90563	.00023	-.12845	-.01969	-.31470	-.00294	-.04228	-10.97100	8.32090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL31) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1331/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.790	196.110	-.03895	-.89979	-.00112	-.12982	-.02031	-.31535	-.00231	-.04166	-10.97100	8.31970
48.011	95.837	-.04472	-.90644	-.00046	-.12929	-.01486	-.31020	-.00304	-.04243	-10.97300	8.31440
49.958	-4.017	-.04758	-.90954	.00010	-.12876	-.01468	-.31010	-.00274	-.04214	-10.97300	8.31660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1332/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
98.526	-4.005	-.04234	-.90386	.00050	-.12830	-.01205	-.30733	-.00237	-.04175	-10.96900	8.31370
103.100	95.964	-.03915	-.90193	-.00081	-.12980	-.01708	-.31278	-.00166	-.04109	-10.97100	8.31420
98.745	196.010	-.03660	-.89886	-.00128	-.13019	-.01948	-.31501	-.00200	-.04141	-10.97100	8.31690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1333/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.810	195.980	-.03602	-.89843	-.00003	-.12897	-.02017	-.31574	-.00131	-.04073	-10.96700	8.31050
199.590	96.041	-.03747	-.89999	.00017	-.12878	-.02032	-.31594	-.00097	-.04039	-10.96800	8.31470
201.040	-4.041	-.03714	-.89957	.00128	-.12766	-.01586	-.31145	-.00112	-.04054	-10.96500	8.30840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL32) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1334/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.436	95.942	-.04811	-.91118	.00032	-.12871	-.02746	-.32326	-.00526	-.04470	-10.97400	8.33960
.713	196.200	-.04629	-.90829	.00031	-.12857	-.02632	-.32176	-.00417	-.04357	-10.97300	8.34250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL32) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1335/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.443	195.990	-.04611	-.90928	-.00031	-.12936	-.02263	-.31846	-.00268	-.04213	-10.97400	8.33250
49.047	95.846	-.04556	-.90790	.00103	-.12790	-.01608	-.31163	-.00304	-.04245	-10.97100	8.32860
49.452	-4.024	-.04838	-.91042	.00174	-.12714	-.01822	-.31367	-.00357	-.04297	-10.97000	8.33470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1336/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.778	-3.993	-.04633	-.90925	.00191	-.12710	-.01539	-.31114	-.00249	-.04193	-10.96900	8.33000
100.040	95.867	-.04516	-.90734	.00043	-.12847	-.01758	-.31308	-.00217	-.04157	-10.97200	8.32900
101.770	196.060	-.04274	-.90604	-.00058	-.12965	-.02238	-.31825	-.00162	-.04107	-10.97300	8.33140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1337/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
198.960	196.020	-.03885	-.90090	.00018	-.12870	-.02141	-.31686	-.00053	-.03993	-10.96900	8.32600
199.030	96.082	-.04087	-.90298	.00130	-.12758	-.02023	-.31570	-.00021	-.03961	-10.96700	8.32760
199.640	-3.981	-.04013	-.90276	.00274	-.12622	-.01548	-.31112	-.00143	-.04086	-10.96400	8.32730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL33) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1404/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.126	-2.158	.05415	-.81693	.01280	-.11743	-.11334	-.41189	-.02948	-.06929	13.82200	19.45000
.307	97.825	.05453	-.81759	.01258	-.11780	-.11800	-.41690	-.03378	-.07364	13.82100	19.47000
-.189	197.710	.05353	-.81674	.00336	-.12705	-.09553	-.39448	-.01513	-.05499	13.79800	19.39800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL33) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1405/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.969	197.990	.06770	-.80504	.00275	-.12773	-.13033	-.42944	-.02125	-.06113	13.80600	19.44300
50.116	97.729	.07004	-.80146	.01003	-.12026	-.14562	-.44431	-.03228	-.07211	13.82500	19.48500
50.446	-2.078	.06737	-.80442	.00768	-.12265	-.14109	-.43988	-.02541	-.06525	13.81800	19.46000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1406/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.180	-2.141	.07206	-.79908	.00392	-.12632	-.16659	-.46516	-.02354	-.06336	13.81200	19.47100
99.835	97.894	.07345	-.79805	.00618	-.12411	-.16930	-.46799	-.02797	-.06780	13.81800	19.48400
99.790	197.950	.07138	-.80013	.00141	-.12888	-.16684	-.46554	-.02760	-.06743	13.80500	19.48300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1407/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.140	197.690	.07052	-.80013	.00498	-.12519	-.19926	-.49766	-.01377	-.05356	13.81400	19.47100
200.270	97.859	.06185	-.80749	.00168	-.12829	-.21706	-.51501	-.01837	-.05811	13.80100	19.49500
200.210	-2.202	.05757	-.81346	.00201	-.12821	-.21375	-.51229	-.01308	-.05289	13.79900	19.47800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL34) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1408/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.593	.911	.03208	-.83879	.00412	-.12608	-.04620	-.34468	-.00642	-.04622	13.78700	17.36600
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.78900	17.34300
-.937	200.790	.04573	-.82587	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL34) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	15.000	BETA	=	15.000
ALPHAB	=	15.000	BETAB	=	17.000
Y	=	100.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1409/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.325	200.860	.05886	-.81274	.00414	-.12617	-.06908	-.36781	.00436	-.03548	13.80300	17.35200
50.407	100.650	.06108	-.81083	.00469	-.12566	-.07064	-.36947	-.00033	-.04018	13.80600	17.36500
51.096	.661	.05801	-.81200	.00449	-.12558	-.07633	-.37651	-.00935	-.04911	13.80400	17.39400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1410/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.330	.701	.06726	-.80412	.00324	-.12703	-.11858	-.41723	-.01624	-.05607	13.80700	17.44400
99.246	100.730	.06890	-.80167	.00580	-.12436	-.10277	-.40115	-.00461	-.04440	13.81400	17.40000
99.630	200.800	.06677	-.80461	.00659	-.12368	-.09629	-.39494	.00170	-.03812	13.81400	17.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1411/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.330	200.780	.06313	-.80865	.00357	-.12676	-.16957	-.46836	-.01796	-.05780	13.80600	17.48300
200.910	100.760	.05414	-.81694	-.00092	-.13115	-.18572	-.48426	-.02563	-.06545	13.78900	17.51300
200.500	.750	.05412	-.81732	.00802	-.12227	-.16044	-.45911	-.01199	-.05182	13.81100	17.46400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL35) (20 JUL 77)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	1258.5000 IN. XB
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YB
BREF	=	1290.3000 INCHES	ZMRP	=	.0000 IN. ZB
SCALE	=	.0100			

PARAMETRIC DATA

ALPHA	=	15.000	BETA	=	15.000
ALPHAB	=	15.000	BETAB	=	17.000
Y	=	150.000	JET PC	=	1225.000
MACH	=	4.500			

RUN NO. 1412/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.100	.874	.04754	-.82388	.01599	-.11429	-.09623	-.39490	-.02750	-.06732	13.82600	17.43800
.669	100.720	.04138	-.82990	.00403	-.12623	-.07719	-.37581	-.01106	-.05088	13.79300	17.38100
-.535	200.890	.04931	-.82260	.00240	-.12796	-.07019	-.36902	-.00013	-.03998	13.79300	17.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL35) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1413/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.681	200.750	.06385	-.80595	.00419	-.12585	-.09751	-.39562	-.00871	-.04846	13.80700	17.38500
51.066	100.670	.05638	-.81544	.00159	-.12875	-.10890	-.40771	-.02161	-.06146	13.79600	17.42900
49.919	.838	.05687	-.81336	.01101	-.11909	-.11909	-.41735	-.02610	-.06587	13.82000	17.45100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1414/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.310	.712	.06012	-.81087	.00644	-.12378	-.13961	-.43813	-.02450	-.06431	13.81100	17.46200
99.989	100.730	.06327	-.80732	.00028	-.12988	-.14608	-.44447	-.02691	-.06670	13.79800	17.47100
99.503	200.670	.06594	-.80475	.00292	-.12726	-.13265	-.43107	-.01448	-.05428	13.80600	17.42800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1415/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.850	200.550	.04677	-.82243	-.00848	-.13843	-.19861	-.49651	-.02852	-.06825	13.76700	17.51600
200.260	100.780	.06371	-.80736	.00610	-.12413	-.17355	-.47210	-.01661	-.05642	13.81200	17.46700
199.850	.644	.05286	-.81775	.00281	-.12735	-.18723	-.48562	-.01540	-.05520	13.79800	17.46800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL36) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1416/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	.02424	-.84620	.00247	-.12766	-.02971	-.32805	-.00019	-.03998	13.77800	15.34600
.285	100.280	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.471	200.180	.02899	-.84135	-.00054	-.13066	-.03438	-.33268	.00361	-.03617	13.77400	15.33600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL36) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1417/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.737	200.210	.04344	-.82603	.00189	-.12811	-.06277	-.36078	.00462	-.03512	13.78900	15.35600
50.424	100.120	.04294	-.82736	.00198	-.12813	-.05914	-.35743	.00238	-.03740	13.78900	15.36200
49.886	.193	.04558	-.82488	.00642	-.12372	-.05564	-.35398	-.00172	-.04150	13.80200	15.37000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1418/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.050	.103	.05212	-.81824	.00833	-.12180	-.07767	-.37598	-.00226	-.04205	13.81100	15.38600
99.408	100.130	.04833	-.82266	.00751	-.12271	-.08023	-.37875	.00061	-.03920	13.80600	15.38200
99.796	200.170	.04568	-.82550	.00796	-.12228	-.08306	-.38164	.00357	-.03625	13.80500	15.37700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1419/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.230	199.750	.04386	-.82653	.01218	-.11795	-.11279	-.41111	-.00316	-.04294	13.81500	15.41300
200.340	100.230	.04343	-.82795	.01199	-.11828	-.11251	-.41116	-.00521	-.04504	13.81300	15.42200
200.140	.167	.03980	-.83051	.01109	-.11902	-.11164	-.40993	-.00604	-.04582	13.81000	15.42500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL37) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1420/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.739	.231	.03574	-.83519	.00326	-.12695	-.03157	-.33007	.00345	-.03635	13.78700	15.33400
-.437	100.220	.03774	-.83331	.00122	-.12901	-.03361	-.33215	.00420	-.03561	13.78400	15.34400
-.178	200.210	.03894	-.83135	-.00021	-.13032	-.03646	-.33474	.00489	-.03488	13.78100	15.34100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL37) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1421/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.037	200.080	.04954	-.82053	.00243	-.12765	-.06274	-.36094	.00550	-.03427	13.79400	15.35900
50.417	100.130	.05174	-.81859	.00317	-.12694	-.05965	-.35794	.00358	-.03620	13.79700	15.36300
50.423	.173	.05199	-.81902	.00454	-.12568	-.05472	-.35325	.00271	-.03710	13.80000	15.35800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1422/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.040	.134	.06099	-.80978	.00755	-.12263	-.08891	-.38736	-.00687	-.04667	13.81400	15.41300
99.247	100.050	.06103	-.80968	.00713	-.12304	-.08210	-.38053	.00097	-.03882	13.81200	15.38100
99.831	199.930	.05740	-.81190	.00658	-.12339	-.08189	-.37983	.00256	-.03718	13.80900	15.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1423/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.760	200.000	.05545	-.81502	.00968	-.12046	-.12297	-.42131	-.00486	-.04465	13.81600	15.42800
200.770	100.100	.05063	-.82063	.00893	-.12133	-.12888	-.42749	-.00757	-.04739	13.81000	15.44000
200.170	.072	.04806	-.82264	.00833	-.12184	-.13781	-.43623	-.01108	-.05088	13.80700	15.45500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL38) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1424/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-1.157	100.150	.04828	-.82584	.00318	-.12705	-.04556	-.34412	.00312	-.03670	13.79200	15.36900
-.943	200.070	.04814	-.82335	.00298	-.12731	-.05048	-.34917	.00616	-.03367	13.79300	15.37100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL38) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1425/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.111	200.160	.05839	-.81370	.00608	-.12430	-.06768	-.36657	.00462	-.03524	13.80700	15.38600
50.503	100.140	.05977	-.81131	.00623	-.12400	-.07118	-.36973	-.00061	-.04042	13.80900	15.40100
51.384	.159	.05356	-.81771	.00504	-.12521	-.08420	-.38281	-.01302	-.05284	13.80200	15.43800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1426/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.400	.101	.05758	-.81479	.00340	-.12703	-.11905	-.41804	-.02228	-.06215	13.80100	15.49100
99.016	100.200	.06538	-.80703	.00709	-.12334	-.10005	-.39905	-.00586	-.04573	13.81400	15.43600
99.741	200.220	.06447	-.80748	.00794	-.12242	-.09129	-.39013	.00031	-.03954	13.81600	15.41000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1427/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.540	200.110	.05748	-.81421	.00406	-.12626	-.15485	-.45360	-.01877	-.05861	13.80200	15.51100
200.680	100.100	.04449	-.82681	-.00189	-.13215	-.16801	-.46664	-.02565	-.06547	13.78000	15.54000
199.660	.179	.04845	-.82374	.00819	-.12221	-.14967	-.44859	-.01328	-.05314	13.80700	15.49400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL39) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1428/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.135	-3.801	.03355	-.84021	.00249	-.12814	-.03004	-.32950	.00261	-.03732	13.78200	13.34600
.719	95.613	.03137	-.84227	-.00021	-.13082	-.03045	-.32986	.00451	-.03541	13.77400	13.34500
-.581	196.280	.03313	-.84077	-.00097	-.13162	-.03305	-.33255	.00467	-.03527	13.77300	13.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL39) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1429/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.439	196.350	.04341	-.82998	.00266	-.12792	-.05465	-.35398	.00514	-.03478	13.78800	13.36100
50.214	96.048	.04379	-.82901	.00253	-.12796	-.05161	-.35074	.00298	-.03691	13.78800	13.36800
49.999	-3.792	.04775	-.82585	.00667	-.12394	-.04910	-.34850	.00130	-.03863	13.80000	13.36500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1430/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.340	-3.868	.05393	-.81922	.00807	-.12246	-.06725	-.36650	-.00048	-.04038	13.80800	13.38200
98.742	96.099	.05377	-.82046	.00692	-.12377	-.06778	-.36740	.00039	-.03956	13.80400	13.38500
100.230	196.280	.05057	-.82378	.00650	-.12421	-.06811	-.36777	.00140	-.03856	13.80100	13.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1431/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.040	196.500	.04703	-.82768	.01191	-.11886	-.09777	-.39754	-.00267	-.04264	13.81200	13.40900
200.380	96.097	.04446	-.83039	.01202	-.11877	-.09886	-.39869	-.00387	-.04385	13.81100	13.41900
200.170	-3.909	.04052	-.83454	.01166	-.11916	-.09743	-.39733	-.00490	-.04488	13.80700	13.41600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL40) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1432/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.427	95.997	.03973	-.83562	.00206	-.12880	-.03600	-.33599	.00762	-.03237	13.78200	13.31400
-.096	195.940	.04001	-.83566	.00035	-.13056	-.03927	-.33937	.00772	-.03230	13.77800	13.31600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL40) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1433/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.976	196.150	.04810	-.82788	.00433	-.12663	-.05591	-.35611	.00491	-.03512	13.79200	13.34200
50.371	96.067	.05050	-.82619	.00523	-.12583	-.05407	-.35452	.00411	-.03595	13.79600	13.34100
50.321	-3.798	.05302	-.82405	.00737	-.12375	-.05474	-.35532	.00093	-.03915	13.80300	13.34500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1434/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.200	-3.777	.05764	-.81803	.00876	-.12215	-.08136	-.38145	-.00639	-.04641	13.80900	13.38200
99.284	96.197	.05830	-.81831	.00815	-.12290	-.07367	-.37409	.00197	-.03808	13.80800	13.36300
99.717	196.130	.05662	-.82056	.00737	-.12377	-.07227	-.37268	.00256	-.03753	13.80500	13.35200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1435/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.070	195.920	.05294	-.82265	.01025	-.12065	-.10788	-.40795	-.00462	-.04463	13.81000	13.40300
200.890	96.108	.04721	-.82913	.00961	-.12140	-.11259	-.41292	-.00700	-.04705	13.80500	13.40700
200.040	-3.965	.04358	-.83403	.00938	-.12182	-.12096	-.42171	-.01091	-.05101	13.80200	13.41900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL41) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1436/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.835	-3.780	.03910	-.83844	.00528	-.12591	-.05268	-.35341	-.00690	-.04700	13.78800	13.38900
-.822	96.041	.04609	-.83258	.00443	-.12693	-.04197	-.34309	.00198	-.03817	13.79000	13.35800
-1.262	196.180	.04819	-.83027	.00452	-.12681	-.04415	-.34520	.00549	-.03465	13.79100	13.35400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL41) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1437/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.111	196.090	.05824	-.82046	.00703	-.12433	-.06291	-.36403	.00387	-.03628	13.80300	13.36700
50.586	96.156	.05931	-.81956	.00678	-.12461	-.06859	-.36978	-.00073	-.04089	13.80400	13.38500
51.855	-3.736	.04590	-.82764	.00377	-.12682	-.08535	-.38473	-.01630	-.05622	13.79300	13.43300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1438/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.900	-3.993	.05293	-.81147	.00315	-.12609	-.11399	-.41029	-.02259	-.06211	13.80500	13.46600
98.645	96.083	.06247	-.80804	.00741	-.12274	-.09428	-.39264	-.00672	-.04650	13.81500	13.41500
99.719	196.210	.06235	-.80978	.00816	-.12223	-.08306	-.38197	-.00106	-.04092	13.81600	13.39500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1439/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.470	196.160	.05199	-.81945	.00430	-.12598	-.13826	-.43693	-.01780	-.05762	13.80000	13.47400
200.880	96.023	.04007	-.83212	-.00182	-.13222	-.14863	-.44756	-.02393	-.06380	13.77800	13.49800
200.460	-4.053	.04462	-.82707	.00795	-.12237	-.13795	-.43670	-.01394	-.05378	13.80400	13.46900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL42) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1516/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	-2.001	.00484	-.86123	.01748	-.11200	-.10609	-.40290	-.02283	-.06241	10.09900	19.43100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
-.182	198.080	.01084	-.85514	.00708	-.12238	-.07609	-.37287	-.01950	-.05907	10.07700	19.39600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL42) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1517/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.212	197.420	.02356	-.84273	.00487	-.12464	-.09386	-.39075	-.02437	-.06396	10.08000	19.42800
50.224	97.667	.02601	-.84062	.01501	-.11456	-.10824	-.40525	-.02881	-.06842	10.10600	19.44400
50.154	-2.079	.02370	-.84260	.01430	-.11521	-.10600	-.40289	-.02364	-.06323	10.10200	19.42700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1518/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.942	-2.282	.03579	-.83006	.00974	-.11970	-.12366	-.42040	-.02130	-.06086	10.09900	19.43300
100.130	97.780	.03671	-.83015	.01036	-.11923	-.12144	-.41852	-.02711	-.06672	10.10100	19.44500
100.080	198.010	.03495	-.83159	.00189	-.12765	-.12204	-.41901	-.02954	-.06913	10.07900	19.45800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1519/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.530	197.730	.04537	-.82207	.00735	-.12233	-.14733	-.44461	-.01705	-.05669	10.09800	19.44600
201.380	97.739	.04320	-.82488	.00502	-.12476	-.15557	-.45307	-.02029	-.05996	10.09100	19.45600
199.710	-2.404	.04114	-.82581	.00487	-.12474	-.15476	-.45187	-.01737	-.05699	10.09000	19.45100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL43) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1520/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
.882	.942	-.00797	-.87375	.00699	-.12245	-.04589	-.34261	-.00918	-.04875	10.06500	17.35900
-1.215	100.830	-.00074	-.86676	.00874	-.12073	-.02936	-.32615	-.00164	-.04122	10.07300	17.32600
-.621	200.910	.00373	-.86270	.00747	-.12206	-.02565	-.32259	-.00013	-.03973	10.07300	17.32300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL43) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1521/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.810	200.660	.02196	-.84465	.00717	-.12238	-.03443	-.33142	-.00313	-.04273	10.08300	17.33700
50.851	100.700	.01915	-.84579	.00790	-.12141	-.03739	-.33381	-.00408	-.04360	10.08300	17.33900
51.395	.781	.01193	-.85287	.00685	-.12244	-.05040	-.34677	-.01257	-.05209	10.07600	17.37300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1522/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.150	.781	.02579	-.84055	.00467	-.12485	-.07978	-.37669	-.01895	-.05854	10.07900	17.40800
99.106	100.780	.03369	-.83299	.00721	-.12236	-.05841	-.35543	-.00853	-.04813	10.09000	17.36200
99.997	200.810	.03449	-.83283	.00653	-.12314	-.05231	-.34955	-.00427	-.04390	10.08900	17.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1523/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.230	200.820	.03914	-.82749	.00442	-.12514	-.11995	-.41695	-.01554	-.05514	10.08600	17.42800
200.260	100.860	.03727	-.82935	.00191	-.12765	-.13013	-.42713	-.02255	-.06215	10.08000	17.45100
200.380	.696	.03410	-.83308	.01154	-.11810	-.11818	-.41537	-.01400	-.05363	10.10100	17.42200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL44) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1524/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	-.86635	.01794	-.11176	-.09074	-.38805	-.02209	-.06173	10.09600	17.43000
.573	100.900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-.458	201.010	.01274	-.86354	.00652	-.12448	-.04493	-.34519	-.00673	-.04675	10.06600	17.35900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL44) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1525/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.707	200.680	.02571	-.84057	.00326	-.12623	-.07180	-.36869	.01182	-.05141	10.07600	17.36500
51.074	100.850	.01630	-.85151	.00664	-.12309	-.08652	-.38392	-.02554	-.06519	10.07700	17.44100
49.693	.694	.01833	-.85166	.01416	-.11589	-.09262	-.39075	-.02350	-.06325	10.09500	17.43100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1526/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.170	.792	.03192	-.83751	.01016	-.11981	-.10489	-.40283	-.02185	-.06158	10.09300	17.44100
100.460	100.790	.02884	-.84267	.00263	-.12766	-.10616	-.40481	-.02833	-.06815	10.07200	17.45800
99.240	200.790	.03802	-.83303	.00227	-.12795	-.08884	-.38733	-.01617	-.05597	10.07700	17.41800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1527/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.520	200.700	.02911	-.84356	-.00200	-.13246	-.15171	-.45076	-.02983	-.06970	10.06000	17.50000
200.280	100.580	.03909	-.82383	.00898	-.12003	-.12512	-.42087	-.01803	-.05747	10.10200	17.44300
200.590	.716	.03469	-.83503	.00543	-.12458	-.13545	-.43350	-.01682	-.05656	10.08400	17.44700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL45) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1528/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.282	200.310	.00972	-.84828	.00584	-.12244	-.02536	-.31944	-.00253	-.04176	10.08000	15.33900
49.797	100.220	.01091	-.84835	.00642	-.12204	-.02823	-.32275	-.00237	-.04165	10.08200	15.33900
50.484	.227	.01190	-.84797	.00753	-.12103	-.02974	-.32447	-.00217	-.04147	10.08500	15.34300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL45) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1529/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
102.500	.273	.02300	-.84873	.00870	-.12161	-.04207	-.34080	-.00614	-.04596	10.08300	15.36700
99.185	100.260	.02790	-.85666	.00703	-.12520	-.04446	-.34753	-.00308	-.04347	10.06900	15.36400
100.060	200.510	.02511	-.84440	.00542	-.12457	-.04555	-.34352	-.00198	-.04171	10.07800	15.35500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.0000u	.00000

RUN NO. 1530/ 0 RN/L = 1.53 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
199.750	200.230	.03367	-.83278	.00932	-.12022	-.08497	-.38191	-.00307	-.04266	10.09500	15.38700
200.470	100.140	.03219	-.83588	.00876	-.12102	-.08483	-.38232	-.00442	-.04408	10.09200	15.39200
200.420	.273	.02650	-.85490	.00900	-.12275	-.08389	-.38588	-.00731	-.04756	10.07600	15.40400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL46) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1535/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.330	200.260	.01883	-.85235	.00470	-.12554	-.02675	-.32532	-.00050	-.04031	10.07500	15.36000
49.512	100.210	.01936	-.85186	.00680	-.12344	-.02853	-.32711	-.00077	-.04058	10.08100	15.36100
50.903	.062	.01620	-.85428	.00805	-.12209	-.03020	-.32854	-.00135	-.04113	10.08300	15.35800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1536/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
99.316	100.270	.03386	-.83558	.00653	-.12345	-.04330	-.34128	-.00243	-.04216	10.09000	15.37400
99.938	200.220	.03365	-.83613	.00498	-.12505	-.04536	-.34345	-.00123	-.04098	10.08700	15.36700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL46) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1537/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.020	200.260	.04122	-.82800	.00795	-.12200	-.08774	-.38564	-.00291	-.04263	10.09900	15.40500
200.490	100.180	.03962	-.83022	.00702	-.12302	-.08871	-.38683	-.00677	-.04652	10.09600	15.41900
200.310	.090	.03581	-.83303	.00712	-.12277	-.09296	-.39073	-.00927	-.04898	10.09400	15.42900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL47) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1538/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.175	200.210	.02733	-.84209	.00608	-.12390	-.03447	-.33244	-.00106	-.04080	10.08600	15.38000
50.680	100.190	.02233	-.84606	.00692	-.12291	-.03846	-.33608	-.00361	-.04330	10.08500	15.39600
51.549	.333	.01345	-.85499	.00632	-.12351	-.06111	-.35875	-.01599	-.05568	10.07900	15.44500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1539/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.260	.161	.02311	-.84658	.00512	-.12490	-.08797	-.38604	-.02413	-.06388	10.08200	15.48500
98.421	100.280	.03536	-.83439	.00660	-.12344	-.05771	-.35580	-.00644	-.04619	10.09200	15.41600
100.080	200.080	.03627	-.83250	.00605	-.12383	-.05496	-.35271	-.00113	-.04084	10.09100	15.39900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1540/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.220	200.180	.03550	-.83385	.00435	-.12562	-.10829	-.40624	-.01473	-.05446	10.08700	15.47100
200.410	100.100	.03162	-.83713	.00096	-.12892	-.11999	-.41774	-.02352	-.06322	10.07700	15.50800
200.510	-.052	.03399	-.83436	.01029	-.11953	-.10641	-.40401	-.01385	-.05353	10.10100	15.46900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL48) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1541/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
49.415	196.120	.01446	-.85141	.00383	-.12563	-.02264	-.31941	-.00059	-.04017	10.07600	13.33600
49.741	96.282	.01590	-.85082	.00564	-.12394	-.02476	-.32182	-.00040	-.04001	10.08000	13.33900
51.039	-3.815	.01513	-.85145	.00675	-.12281	-.02719	-.32420	.00018	-.03943	10.08300	13.33900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1542/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.550	-3.998	.02583	-.84091	.00857	-.12101	-.04020	-.33727	-.00199	-.04161	10.09400	13.35000
99.320	95.997	.02705	-.83919	.00640	-.12311	-.03909	-.33599	-.00127	-.04086	10.08900	13.35200
99.978	196.060	.02769	-.83883	.00450	-.12505	-.04151	-.33850	.00035	-.03925	10.08400	13.34800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1543/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.040	196.230	.03386	-.83541	.00937	-.12059	-.07428	-.37220	-.00099	-.04072	10.09800	13.37500
200.580	95.933	.03225	-.83661	.00887	-.12102	-.07299	-.37078	-.00323	-.04294	10.09700	13.38300
200.120	-3.978	.03016	-.83922	.00912	-.12085	-.07257	-.37053	-.00531	-.04505	10.09500	13.39000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL49) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1544/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.132	196.100	.02076	-.84826	.00398	-.12594	-.02910	-.32694	.00176	-.03796	10.07600	13.31300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.12340	-.02777	-.32608	.00157	-.03821	10.08200	13.31100
49.924	-4.080	.01753	-.85202	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL49) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1545/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
101.000	-4.016	.02749	-.84201	.00944	-.12055	-.05084	-.34884	-.00571	-.04545	10.09400	13.35200
99.553	96.098	.03035	-.83820	.00780	-.12205	-.04492	-.34259	-.00094	-.04064	10.09200	13.33000
99.855	196.070	.03000	-.83926	.00592	-.12404	-.04722	-.34513	.00116	-.03855	10.08600	13.32600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1546/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.010	196.100	.03416	-.83552	.00929	-.12073	-.07721	-.37527	-.00360	-.04335	10.09800	13.36000
200.480	96.331	.03210	-.83818	.00834	-.12177	-.07918	-.37744	-.00701	-.04678	10.09400	13.37300
200.090	-3.936	.02882	-.83994	.00823	-.12166	-.08443	-.38218	-.00976	-.04946	10.09200	13.37900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL50) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1550/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
-.654	-4.092	.00409	-.86642	.01282	-.11732	-.06548	-.36382	-.01744	-.05723	10.08700	13.40100
.206	96.096	.01106	-.86302	.00767	-.12300	-.02838	-.32792	.00089	-.03905	10.07500	13.33100
-1.256	196.610	.01409	-.86272	.00521	-.12587	-.02389	-.32436	.00300	-.03706	10.06900	13.32100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1547/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
50.558	196.220	.02822	-.84116	.00597	-.12400	-.03521	-.33317	.00182	-.03791	10.08500	13.33400
50.476	96.053	.02461	-.84473	.00649	-.12348	-.03982	-.33776	-.00178	-.04151	10.08500	13.34700
51.542	-3.892	.01512	-.85502	.00606	-.12403	-.06145	-.35967	-.01555	-.05532	10.07800	13.39200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL50) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1548/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.040	-3.928	.02205	-.84790	.00479	-.12527	-.08519	-.38334	-.02215	-.06190	10.07900	13.42400
99.109	96.014	.03290	-.83650	.00328	-.12370	-.05543	-.35340	-.00574	-.04547	10.09000	13.36200
99.584	196.120	.03421	-.83561	.00683	-.12321	-.05112	-.34923	-.00086	-.04061	10.09200	13.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1549/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.520	196.080	.03139	-.83727	.00417	-.12570	-.09507	-.39279	-.01456	-.05427	10.08500	13.41100
200.320	96.116	.02696	-.84096	.00143	-.12832	-.10838	-.40585	-.02114	-.06080	10.07600	13.43500
200.540	-3.886	.02890	-.83948	.00928	-.12055	-.10399	-.40161	-.01208	-.05177	10.09700	13.41600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL51) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1661/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.020	-2.542	.02934	-.84467	.02005	-.11061	-.09585	-.39539	-.01564	-.05558	6.11900	19.40800
101.260	97.567	.03253	-.84609	.01969	-.11166	-.08332	-.38441	-.01808	-.05822	6.11470	19.40900
99.441	197.660	.03780	-.84428	.00781	-.12406	-.07998	-.38224	-.02543	-.06572	6.08660	19.42500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1662/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.100	97.805	.04440	-.83248	.01649	-.11461	-.09079	-.39130	-.01691	-.05698	6.11720	19.41300
149.820	-2.257	.04153	-.83725	.01755	-.11382	-.09890	-.40004	-.01586	-.05601	6.11540	19.41600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL51) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1663/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.550	-2.389	.04733	-.83133	.01468	-.11668	-.10987	-.41098	-.01568	-.05583	6.11290	19.42000
200.200	97.595	.05177	-.82789	.01407	-.11743	-.10439	-.40584	-.01708	-.05727	6.11320	19.42500
199.230	197.770	.05597	-.82229	.01372	-.11758	-.09962	-.40059	-.01540	-.05553	6.11610	19.41300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL52) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1664/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.040	.266	.01977	-.85703	.01201	-.11907	-.05585	-.35633	-.01328	-.05335	6.09110	17.38800
98.430	100.640	.02548	-.85171	.01032	-.12081	-.03730	-.33791	-.00732	-.04740	6.09020	17.35700
100.120	200.640	.03243	-.84359	.00974	-.12122	-.02635	-.32656	-.00261	-.04264	6.09240	17.34200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1665/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.910	200.630	.03959	-.83722	.01042	-.12066	-.04155	-.34203	-.00695	-.04702	6.09870	17.36200
150.320	100.540	.03625	-.83935	.00916	-.12174	-.05123	-.35130	-.01151	-.05152	6.09530	17.38300
151.020	.755	.03305	-.85210	.01528	-.11704	-.07016	-.37346	-.01303	-.05346	6.09860	17.39800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1666/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.790	.645	.04035	-.84298	.01446	-.11759	-.07982	-.38250	-.01253	-.05288	6.10310	17.40800
199.780	100.520	.04275	-.83701	.00765	-.12387	-.07244	-.37392	-.01363	-.05382	6.09170	17.40400
199.540	200.840	.04569	-.83348	.00890	-.12253	-.06449	-.36577	-.01162	-.05179	6.09640	17.38800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL53) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1667/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.820	.445	.01606	-.85422	.01822	-.11189	-.08248	-.38076	-.01147	-.05124	6.10880	17.39000
100.320	100.260	.01886	-.85284	.01885	-.11147	-.07270	-.37146	-.01476	-.05460	6.11170	17.39400
100.590	200.650	.02425	-.84574	.00508	-.12498	-.06088	-.35905	-.01566	-.05542	6.08250	17.38400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1668/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.430	200.650	.03326	-.83738	.00366	-.12650	-.08456	-.38296	-.02123	-.06102	6.08420	17.41700
150.900	100.430	.02782	-.84289	.01572	-.11445	-.07802	-.37645	-.01449	-.05429	6.11080	17.39500
150.350	.471	.02469	-.84780	.01564	-.11480	-.08689	-.38591	-.01362	-.05369	6.10690	17.39900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1669/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.370	.550	.03165	-.84188	.01263	-.11796	-.09576	-.39513	-.01556	-.05548	6.10240	17.40800
200.340	100.520	.03611	-.83815	.01149	-.11922	-.09010	-.38972	-.01548	-.05543	6.10180	17.40500
199.240	200.740	.03408	-.83951	.00212	-.12848	-.10758	-.40707	-.02599	-.06591	6.07660	17.44700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL54) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1694/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.12195	-.03997	-.33887	-.00176	-.04161	6.07270	15.36600
98.911	100.050	.00119	-.87239	.00863	-.12197	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
99.662	200.130	.00215	-.87181	.00726	-.12339	-.03189	-.33141	-.00188	-.04182	6.07050	15.35800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL54) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1695/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.800	200.020	.01110	-.86383	.00868	-.12212	-.03733	-.33716	-.00603	-.04601	6.07860	15.37600
150.730	99.948	.01059	-.86357	.00895	-.12173	-.03881	-.33830	-.00577	-.04571	6.07910	15.38100
150.550	.195	.00769	-.86752	.00869	-.12215	-.04536	-.34531	-.00650	-.04650	6.07710	15.38800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1696/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.960	-.081	.01180	-.86226	.00855	-.12212	-.05605	-.35560	-.00933	-.04927	6.07910	15.40200
199.880	100.080	.01456	-.86082	.00858	-.12229	-.04966	-.34967	-.00880	-.04881	6.08060	15.40100
199.810	199.960	.01729	-.85882	.00923	-.12175	-.04624	-.34649	-.00842	-.04845	6.08270	15.39100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL55) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1697/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.370	.032	-.00537	-.87900	.00922	-.12138	-.03915	-.33856	-.00417	-.04410	6.07050	15.35100
99.409	100.120	.00122	-.87339	.00937	-.12138	-.03374	-.33348	-.00298	-.04295	6.07480	15.34900
99.195	200.180	.00218	-.87251	.00751	-.12326	-.03192	-.33168	-.00246	-.04243	6.07060	15.33800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1698/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
152.100	199.900	.01380	-.86192	.00865	-.12227	-.04104	-.34115	-.00545	-.04546	6.07940	15.36300
150.570	99.877	.01196	-.86454	.00939	-.12164	-.04151	-.34189	-.00503	-.04508	6.07950	15.35900
150.650	.013	.00637	-.86797	.00878	-.12193	-.04782	-.34746	-.00769	-.04764	6.07550	15.37200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL55) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1699/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.340	.100	.01250	-.86421	.00799	-.12307	-.06214	-.36259	-.00804	-.04810	6.07700	15.38200
199.710	100.050	.01652	-.85951	.00733	-.12364	-.05801	-.35823	-.00783	-.04786	6.07810	15.37800
199.890	200.050	.01855	-.85624	.00798	-.12280	-.05515	-.35495	-.00746	-.04743	6.08090	15.37400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL56) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1700/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
100.500	-.460	-.00423	-.88708	.01133	-.12065	-.06585	-.36837	-.01234	-.05267	6.06800	15.40500
99.036	100.130	.00097	-.88570	.00792	-.12462	-.04472	-.34853	-.00604	-.04653	6.05900	15.37300
99.447	200.030	.00521	-.87343	.00810	-.12325	-.03390	-.33500	-.00298	-.04313	6.06960	15.35600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1701/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
150.770	200.110	.01412	-.86081	.00754	-.12326	-.05099	-.35084	-.00598	-.04596	6.07800	15.37800
150.720	100.020	.01080	-.86358	.00690	-.12382	-.06121	-.36088	-.01024	-.05020	6.07520	15.39000
150.410	-.076	.00737	-.86626	.01262	-.11799	-.07222	-.37163	-.01175	-.05168	6.08720	15.40300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1702/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.810	-.011	.01473	-.86055	.01184	-.11902	-.08217	-.38213	-.01059	-.05059	6.08870	15.40800
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
199.720	199.980	.01949	-.85571	.00591	-.12493	-.07479	-.37473	-.00851	-.04850	6.07740	15.39700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL57) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1685/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.293	-3.900	-.00192	-.87677	.00835	-.12244	-.02992	-.32974	-.00191	-.04189	6.06970	13.33500
99.288	95.968	.00107	-.87352	.00736	-.12339	-.02681	-.32654	-.00099	-.04095	6.06940	13.33100
99.662	196.160	.00223	-.87199	.00672	-.12398	-.02397	-.32358	-.00197	-.04192	6.06840	13.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1686/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.930	196.020	.01120	-.86359	.00757	-.12321	-.03222	-.33202	-.00393	-.04390	6.07560	13.34200
150.420	95.948	.01054	-.86464	.00833	-.12251	-.03491	-.33484	-.00386	-.04385	6.07710	13.34400
150.330	-3.789	.00889	-.86665	.00841	-.12248	-.04055	-.34061	-.00488	-.04489	6.07640	13.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1687/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
202.290	-4.369	.01313	-.86198	.00860	-.12223	-.05534	-.35526	-.00647	-.04646	6.08000	13.36600
200.220	95.907	.01472	-.86024	.00810	-.12271	-.04795	-.34781	-.00607	-.04606	6.07940	13.35600
199.610	195.930	.01625	-.85817	.00802	-.12271	-.04198	-.34165	-.00600	-.04596	6.08070	13.35300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL58) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1688/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.175	-3.988	-.00172	-.87639	.00821	-.12255	-.03737	-.33713	-.00342	-.04339	6.06990	13.33200
99.390	95.781	.00678	-.86903	.00815	-.12278	-.03261	-.33276	-.00175	-.04177	6.07410	13.32200
100.080	195.900	.00488	-.87088	.00699	-.12394	-.02999	-.33013	-.00152	-.04154	6.07030	13.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL58) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1689/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.180	195.860	.01466	-.86003	.00856	-.12220	-.04023	-.34000	-.00359	-.04356	6.08050	13.33400
151.080	95.854	.01283	-.86145	.00902	-.12169	-.04084	-.34046	-.00343	-.04338	6.08070	13.33100
150.580	-4.053	.00839	-.86532	.00838	-.12224	-.04677	-.34621	-.00596	-.04589	6.07760	13.34100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1690/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
201.270	-4.089	.01213	-.86254	.00846	-.12230	-.05893	-.35869	-.00648	-.04645	6.07930	13.35400
199.820	95.868	.01532	-.85963	.00804	-.12277	-.05632	-.35618	-.00502	-.04501	6.07990	13.35100
199.610	196.250	.01928	-.85554	.00774	-.12304	-.05618	-.35599	-.00332	-.04330	6.08130	13.34900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL59) (20 JUL 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB		
LREF =	1290 3000 INCHES	YMRP =	.0000 IN. YB		
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB		
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1691/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
99.943	-3.540	-.00107	-.87645	.00711	-.12376	-.05952	-.35952	-.01053	-.05053	6.06700	13.38000
99.649	95.640	.00339	-.87146	.00791	-.12288	-.04365	-.34347	-.00381	-.04379	6.07260	13.34700
99.184	196.090	.00854	-.86658	.00681	-.12402	-.03649	-.33640	-.00050	-.04048	6.07240	13.33600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1692/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
151.100	195.930	.01574	-.86025	.00673	-.12422	-.05050	-.35070	-.00324	-.04326	6.07610	13.35300
150.640	95.772	.01006	-.86558	.00651	-.12439	-.05841	-.35850	-.00899	-.04900	6.07230	13.37200
150.650	-4.142	.00734	-.86711	.01273	-.11800	-.06928	-.36897	-.00918	-.04914	6.08740	13.38100
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					

IA142, SRBS SEPARATING FROM O/ET,LEFT SRB JET ON (LVTL59) (20 JUL 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1693/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	CN	CNT	CLM	CLMT	CY	CYT	CYN	CYNT	ALPHAB	BETAB
200.410	-4.124	.01426	-.85848	.01094	-.11953	-.07614	-.37524	-.00935	-.04924	6.08830	13.38800
200.530	95.956	.01360	-.86005	.00590	-.12471	-.07271	-.37212	-.01138	-.05130	6.07510	13.38800
199.900	196.020	.01620	-.85675	.00606	-.12445	-.06774	-.36091	-.00783	-.04773	6.07660	13.37700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVIR01) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2040/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.682	-2.365	210.96000	-.03805	.00397	-.08155	-.01669	-.96455	14.38800	-.03052	10.03400
-.056	97.431	210.69000	-.04123	.00336	-.08114	-.01568	-.96811	14.38200	.00295	10.00800
1.800	197.510	210.90000	-.04193	.00215	-.07988	-.01511	-.97118	14.38400	.05973	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2041/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.510	197.440	209.30000	-.03323	.00403	-.05847	-.01020	-.95200	14.34100	.03409	10.00900
99.472	97.350	210.13000	-.03535	.00577	-.06318	-.00927	-.95996	14.35700	-.02751	10.00600
100.730	-2.529	209.88000	-.03258	.00658	-.06401	-.01049	-.95028	14.35400	.01581	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2042/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.520	-2.589	210.21000	-.02600	.01036	-.07384	-.00758	-.94357	14.35900	.02699	10.02200
200.050	97.384	209.67000	-.02658	.00862	-.06542	-.00705	-.94639	14.34600	.01205	10.07800
200.160	197.460	209.50000	-.02744	.00817	-.05782	-.00682	-.93680	14.33900	.03067	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR02) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2043/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.883	.506	110.28000	-.03148	.00055	-.04778	-.00893	-.96471	12.35600	.02189	10.00400
.066	100.300	110.25000	-.02865	-.00048	-.05102	-.01089	-.96792	12.35900	.00493	10.04100
.863	200.300	108.74000	-.02739	-.00242	-.02777	-.00324	-.95206	12.31100	.02443	9.99340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2044/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.390	200.360	109.46000	-.01589	.00405	-.02565	-.00036	-.97842	12.32700	.00893	10.02900
100.820	100.510	109.67000	-.02143	.00300	-.03622	-.00281	-.96634	12.33500	.02472	10.01500
100.050	.275	109.72000	-.02684	.00385	-.04227	-.00190	-.96920	12.33600	-.00180	9.95450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2045/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.230	.250	110.29000	-.02547	.00916	-.05229	-.00684	-.93761	12.35500	-.02888	10.02500
199.750	100.330	109.62000	-.01967	.00497	-.04071	-.00624	-.94445	12.33800	-.00912	10.03200
199.990	200.210	109.50000	-.01727	.00548	-.03984	-.00283	-.94204	12.33000	-.00177	9.96300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR03) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2046/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	.00369	-.06046	-.01187	-.96040	12.37400	-.01154	10.00500
.748	100.250	160.59000	-.03559	.00101	-.06209	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5.961	200.490	160.29000	-.03557	-.00052	-.04415	-.00896	-.96845	12.35600	.15603	10.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR03) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2047/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.998	200.040	159.57000	-.02049	.00275	-.03269	-.00557	-.95144	12.33500	-.00850	10.06000
101.910	100.270	160.08000	-.03522	.00453	-.04845	-.00543	-.95650	12.34800	.05829	9.93270
99.540	.298	160.20000	-.03188	.00548	-.04621	-.00667	-.95235	12.35200	-.01452	9.99280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2048/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.220	.317	160.37000	-.02845	.01029	-.06339	-.00545	-.93814	12.35800	.05115	10.02700
201.160	100.190	160.11000	-.02970	.00787	-.05242	-.00443	-.94514	12.34900	.03292	10.07300
198.020	200.290	160.30000	-.01507	.00348	-.04883	-.01020	-.94711	12.36000	-.07568	10.07400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR04) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2049/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.586	-.077	31.33700	-.03233	-.00146	-.03377	-.00527	-.97101	10.36900	-.03218	10.02800
.541	99.816	31.08500	-.02625	-.00017	-.03121	-.00616	-.96366	10.36600	.03788	10.00600
1.899	199.850	29.97000	-.02158	.00058	-.02063	.00155	-.95948	10.31300	.06325	10.00800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2050/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.920	199.800	29.06500	-.01968	.00418	-.02037	.00122	-.94975	10.31600	.08347	9.94610
101.890	99.747	29.50600	-.01953	.00384	-.02704	-.00050	-.95048	10.32900	.03952	9.99860
99.989	-.141	29.93300	-.01879	.00367	-.03820	-.00122	-.95037	10.34000	.00238	9.96190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR04) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2051/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
198.220	-.207	29.61400	-.02250	.00609	-.03425	.00062	-.95175	10.33100	-.07005	10.00300
199.000	99.668	29.71500	-.02925	.00501	-.03149	-.00492	-.93853	10.33800	-.02651	10.03900
198.190	199.890	29.12700	-.02307	.00498	-.02692	-.00098	-.90006	10.31400	-.02244	9.98510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR05) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2052/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.397	-.028	61.11900	-.03296	-.00086	-.03677	-.00632	-.97209	10.37000	.00501	9.99900
-.140	99.827	61.55100	-.02821	.00063	-.04095	-.00998	-.96583	10.38400	.01270	10.01400
-.205	199.910	60.45600	-.02504	-.00056	-.02353	-.00167	-.96259	10.34600	-.01562	10.04200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2053/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.724	199.830	60.30800	-.01891	.00472	-.01889	.00009	-.94624	10.34000	-.02323	10.00400
100.750	100.040	60.63900	-.02181	.00386	-.02840	-.00117	-.95064	10.35100	.02248	10.01000
102.080	-.213	60.78100	-.02866	.00206	-.03673	-.00119	-.95957	10.35500	.06034	9.99510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2054/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.470	-.135	61.02800	-.02844	.00476	-.04083	-.00353	-.95273	10.36400	-.05484	10.03400
199.070	99.465	60.86100	-.02781	.00566	-.03481	-.00449	-.95089	10.36100	-.03504	10.08700
[illegible]	[illegible]	[illegible]	-.02573	.00581	-.03083	-.00213	-.94912	10.35400	-.04463	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR06) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2055/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.115	.002	112.02000	-.04077	.00189	-.04367	-.00804	-.96756	10.38800	-.00745	10.01600
-.720	99.835	111.96000	-.03502	.00039	-.04704	-.00870	-.96903	10.39000	-.02248	10.04600
1.998	199.780	110.99000	-.03149	-.00198	-.02575	-.00273	-.97344	10.35700	.05915	10.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2056/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.947	199.680	110.43000	-.02167	.00411	-.02225	.00080	-.94596	10.33900	.01237	10.02100
100.720	99.780	111.06000	-.02772	.00322	-.03363	-.00154	-.95431	10.35800	.01178	10.00600
100.500	-.291	111.57000	-.03581	.00514	-.03951	-.00245	-.95472	10.37000	.01133	9.94660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2057/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.510	-.141	111.89000	-.03047	.01013	-.05573	-.00532	-.93930	10.38400	-.01732	10.03400
199.390	99.839	111.49000	-.02504	.00585	-.03842	-.00508	-.94698	10.37300	-.02827	10.09200
199.860	199.970	111.29000	-.02150	.00651	-.03705	-.00248	-.94327	10.36500	-.00592	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR07) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2058/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.423	-3.872	11.17600	-.03272	-.00136	-.03378	-.00436	-.96952	8.36110	-.05800	10.02100
-.325	95.875	10.77800	-.02444	.00021	-.02044	-.00056	-.96130	8.34480	.00376	10.02800
2.985	195.730	10.46200	-.02426	.00054	-.01870	.00091	-.96000	8.33620	.08922	9.96840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR07) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2059/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.820	195.770	10.46500	-.02289	.00453	-.01694	.00167	-.94982	8.33460	.06922	9.97000
98.763	95.362	10.66800	-.02560	.00429	-.02327	-.00028	-.95306	8.34320	-.01301	9.94520
97.988	-4.224	11.25200	-.02698	.00352	-.03509	-.00115	-.95994	8.35910	-.09196	9.93940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2060/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.710	-4.165	10.87700	-.02477	.00691	-.02926	.00164	-.94735	8.34630	-.03421	9.98140
199.860	95.742	11.10500	-.03107	.00574	-.02476	-.00330	-.95588	8.35660	-.01011	10.03200
198.690	195.500	10.80600	-.02980	.00535	-.02378	-.00022	-.94921	8.34520	-.04213	9.95520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR08) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2061/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.084	-3.956	58.82400	-.04082	-.00001	-.03340	-.00527	-.97179	8.32090	-.02994	10.00600
.580	95.778	58.91200	-.03161	.00118	-.03783	-.00810	-.96356	8.32840	.03978	10.00700
-.506	195.810	58.38100	-.02646	.00001	-.01803	-.00039	-.96312	8.30170	-.02694	10.03200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2062/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
102.810	195.780	58.06500	-.02412	.00536	-.01900	.00099	-.94892	8.29390	.09602	9.93130
100.870	95.898	58.34600	-.02631	.00512	-.02670	.00060	-.95122	8.30250	.02830	10.01700
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	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR08) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2063/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
198.570	-4.168	58.55200	-.02937	.00565	-.03514	-.00192	-.95255	8.31230	-.03946	10.00600
199.620	95.914	58.81700	-.03117	.00678	-.03204	-.00439	-.95111	8.31980	-.03687	10.06800
199.560	195.620	58.48300	-.02837	.00696	-.02797	-.00190	-.94950	8.30880	-.06746	9.98340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR09) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = .000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2064/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.331	-4.054	111.08000	-.04626	.00437	-.03618	-.00693	-.96044	8.36500	.04542	10.02200
-.403	95.615	110.92000	-.04045	.00238	-.04124	-.00638	-.96884	8.36350	-.04094	10.03500
-2.111	195.890	110.06000	-.03231	-.00147	-.02176	-.00089	-.96581	8.33360	-.05843	10.05100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2065/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.080	195.770	110.08000	-.02438	.00420	-.01911	.00235	-.95584	8.32960	.03012	10.03100
101.070	95.827	110.29000	-.03242	.00409	-.02889	.00019	-.96171	8.33950	.01499	9.99970
101.660	-4.343	110.51000	-.03680	.00628	-.03322	-.00173	-.95901	8.34770	-.00161	9.94010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2066/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.660	-4.276	111.27000	-.03488	.01075	-.05225	-.00413	-.94255	8.36960	-.00960	10.00000
199.860	95.784	110.66000	-.02972	.00692	-.03568	-.00366	-.94956	8.35320	-.02759	10.02500
199.960	195.850	110.58000	-.02671	.00787	-.03479	-.00143	-.94583	8.34850	.00937	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR10) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2103/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.947	-2.600	210.25000	-.03767	.00373	-.07295	-.01559	-4.96140	14.37600	-.03573	10.02100
-.492	97.281	210.39000	-.04013	.00283	-.07653	-.01437	-4.96740	14.37800	-.02188	10.01500
2.545	197.430	210.47000	-.03653	.00135	-.07597	-.01473	-4.96860	14.38000	.08422	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2104/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.165	197.330	209.23000	-.03014	.00202	-.05279	-.00857	-4.94090	14.33900	-.00069	10.01000
98.677	97.344	208.99000	-.02910	.00336	-.05444	-.00818	-4.94550	14.33600	-.06615	10.03700
99.788	-2.547	209.18000	-.02711	.00520	-.05035	-.00986	-4.94790	14.34200	-.01768	9.97720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2105/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.530	-2.654	209.44000	-.01848	.00832	-.05564	-.00812	-4.93850	14.34500	.03390	10.00200
199.480	97.302	209.12000	-.01842	.00640	-.05025	-.00619	-4.93780	14.33400	-.01017	10.00400
200.910	197.390	208.90000	-.01870	.00537	-.04575	-.00614	-4.94030	14.32900	.02714	10.03400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR11) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2106/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.621	.484	109.81000	-.02287	.00122	-.03301	-.00759	-4.95600	12.34400	-.02234	10.02900
.025	100.240	110.03000	-.02199	.00033	-.03791	-.00922	-4.95660	12.35200	-.00711	10.04600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR11) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2107/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.971	200.230	109.09000	-.01029	.00154	-.01831	.00030	-4.94580	12.31500	.00298	10.01800
100.840	99.997	109.55000	-.01722	.00121	-.03099	-.00333	-4.95120	12.33300	.01711	9.98900
100.460	.291	109.47000	-.02032	.00339	-.02719	-.00313	-4.94790	12.32900	.01652	9.97130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2108/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.370	.641	109.71000	-.01888	.00750	-.04028	-.00639	-4.93710	12.34300	-.02062	10.05000
199.900	100.260	109.52000	-.01230	.00462	-.02763	-.00369	-4.94000	12.33100	-.00848	10.00800
199.740	200.480	109.13000	-.00894	.00482	-.02221	-.00304	-4.93690	12.32200	-.01645	10.04000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR12) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2109/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.049	.340	159.61000	-.02981	.00275	-.05064	-.00993	-4.95460	12.34800	.02663	10.01200
-.043	100.240	159.89000	-.02971	.00096	-.05295	-.01028	-4.95860	12.35400	-.00764	10.02100
-.568	200.350	160.04000	-.03079	-.00133	-.05384	-.01138	-4.96440	12.35900	-.01053	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2110/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
98.250	200.340	158.59000	-.01644	.00142	-.02229	-.00227	-4.94980	12.31000	-.07403	10.09000
102.210	100.220	159.05000	-.02463	.00237	-.03784	-.00427	-4.95240	12.32500	.05829	9.98190
99.623	.339	159.02000	-.02580	.00433	-.03421	-.00589	-4.94790	12.32700	-.01283	9.98040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR12) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2111/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.520	.191	159.44000	-.02043	.00830	-.04429	-.00670	-4.93510	12.33800	.07375	9.97980
199.840	100.220	159.13000	-.02011	.00557	-.03803	-.00458	-4.94160	12.32800	-.00543	10.08800
199.290	200.380	158.74000	-.00930	.00518	-.02788	-.00533	-4.93580	12.31900	-.02658	10.08300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR13) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2112/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.436	-.129	31.16700	-.02778	-.00258	-.02244	-.00437	-4.96860	10.35900	-.01492	9.99230
.254	99.756	31.07000	-.02301	-.00117	-.02613	-.00665	-4.96250	10.36200	.02367	10.01400
-.528	199.750	30.37300	-.01292	.00108	-.01756	-.00029	-4.95100	10.33700	.00811	10.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2113/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.320	199.790	30.30400	-.01443	.00257	-.01758	.00087	-4.94850	10.33400	-.01828	9.99900
98.937	99.809	30.56400	-.01576	.00168	-.02084	-.00041	-4.95160	10.34100	.00547	10.03300
100.100	-.307	30.70600	-.01932	.00261	-.02146	-.00226	-4.95240	10.34700	-.00558	10.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2114/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.600	-.146	30.45600	-.01961	.00485	-.02168	-.00087	-4.94660	10.34000	-.02344	10.02700
199.950	99.754	30.81700	-.02222	.00278	-.01916	-.00242	-4.95380	10.34900	-.00594	10.03400
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR14) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2115/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.793	-.123	59.21600	-.02953	-.00163	-.02303	-.00452	-4.96810	10.32400	.00894	10.03000
-1.064	99.724	59.72000	-.02796	-.00130	-.02976	-.00712	-4.96580	10.33900	-.02042	10.03000
-.091	199.760	59.28700	-.02136	-.00089	-.02173	-.00326	-4.96080	10.32300	.01707	10.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2116/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.028	199.830	58.87800	-.01846	.00246	-.01878	-.00100	-4.95080	10.31200	-.03833	10.00700
99.076	99.773	59.16400	-.01983	.00196	-.02274	-.00136	-4.95280	10.31900	-.04993	10.05200
102.320	-.358	59.02600	-.02472	.00246	-.02197	-.00076	-4.95450	10.31500	.06809	9.91540
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2117/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.080	-.216	59.49700	-.02355	.00442	-.02731	-.00312	-4.94890	10.32800	.00337	10.00100
199.800	99.704	59.54900	-.02480	.00339	-.02473	-.00399	-4.95190	10.33000	-.02041	10.07300
200.290	199.640	59.09000	-.02180	.00315	-.02030	-.00257	-4.95070	10.31800	.02845	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR15) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2118/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.559	-.164	110.44000	-.03592	.00002	-.03205	-.00666	-4.96660	10.35100	.00643	10.01000
-.890	99.689	110.59000	-.03213	-.00100	-.03737	-.00737	-4.96650	10.35700	-.02789	10.03200
-.473	199.720	110.25000	-.03050	-.00264	-.03130	-.00555	-4.96990	10.34600	-.03184	9.99320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR15) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2119/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.280	199.850	110.03000	-.02104	.00070	-.01800	-.00029	-4.95620	10.33100	.01292	10.03600
100.490	99.647	110.20000	-.03144	.00092	-.02990	-.00220	-4.96170	10.33900	.00382	10.00100
101.350	-.393	110.20000	-.03301	.00322	-.02624	-.00366	-4.95740	10.34100	.03954	9.95780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2120/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.390	-.356	110.80000	-.03176	.00701	-.03892	-.00674	-4.94710	10.35900	-.02863	10.02800
200.630	99.846	110.23000	-.02631	.00444	-.02780	-.00372	-4.94950	10.34100	.01808	10.10000
199.510	199.840	109.94000	-.02088	.00463	-.02246	-.00280	-4.94620	10.33400	-.00576	10.03500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR16) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2121/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-1.451	-4.031	11.57000	-.03385	-.00054	-.02133	-.00400	-4.96700	8.36080	-.06870	10.03700
-.205	95.774	11.67000	-.02985	-.00106	-.02039	-.00334	-4.96510	8.36130	.01049	10.00500
1.447	195.640	11.43500	-.02242	.00017	-.01766	-.00061	-4.95820	8.35240	.06146	9.96500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2122/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
102.480	195.670	11.44400	-.02421	.00155	-.01475	.00081	-4.95580	8.34970	.08806	9.96700
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
98.890	-4.165	11.54900	-.02894	.00208	-.02016	-.00143	-4.95730	8.35630	-.04488	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR16) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2123/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
198.840	-4.253	11.53000	-.02793	.00522	-.01919	-.00003	-4.94920	8.35350	-.06528	10.01200
199.770	95.793	11.56400	-.03346	.00234	-.01682	-.00169	-4.95990	8.35630	-.01792	10.03000
199.550	195.710	11.42400	-.02989	.00168	-.01488	-.00002	-4.95920	8.35040	-.02909	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR17) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2124/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.433	-4.083	59.17200	-.03804	-.00119	-.02124	-.00318	-4.97060	8.31910	.03429	10.02000
-.624	95.784	59.42600	-.03508	-.00135	-.02679	-.00525	-4.96890	8.32850	-.03842	10.03200
-.089	195.720	59.24200	-.02713	-.00085	-.02176	-.00128	-4.96320	8.31780	.05127	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2125/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
102.880	195.750	58.82000	-.02528	.00281	-.01831	-.00024	-4.95350	8.30770	.05442	9.93830
99.975	95.547	59.26000	-.02781	.00301	-.02124	-.00049	-4.95450	8.31700	-.01649	10.00600
100.110	-4.155	58.98600	-.03046	.00368	-.02112	-.00057	-4.95390	8.31200	.00623	9.95510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2126/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
198.530	-4.403	59.28400	-.03043	.00492	-.02555	-.00233	-4.94930	8.32090	-.06865	10.01200
202.240	95.780	59.23600	-.03222	.00443	-.02300	-.00343	-4.95290	8.32070	.09622	10.08100
196.940	195.860	59.28400	-.02912	.00397	-.01876	-.00181	-4.95360	8.31880	-.09981	10.09000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR18) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 BETA = 10.000
ALPHAB = -4.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 2127/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.795	-4.096	109.69000	-.04365	.00041	-.02763	-.00447	-4.97010	8.33210	-.01458	10.01800
-.836	95.754	109.95000	-.03899	-.00093	-.03444	-.00445	-4.97090	8.33890	-.02507	10.03600
-.107	195.670	109.53000	-.03610	-.00217	-.02925	-.00256	-4.97200	8.32680	-.00736	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2128/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.340	195.780	109.26000	-.02809	.00089	-.01806	.00122	-4.95980	8.31350	.00496	10.04100
99.971	95.943	109.53000	-.03968	.00158	-.02643	-.00046	-4.96510	8.32240	-.01727	10.02600
101.310	-4.332	109.68000	-.03902	.00380	-.02434	-.00240	-4.95970	8.32770	.03668	9.94500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2129/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.330	-4.259	110.01000	-.03767	.00650	-.03583	-.00574	-4.95200	8.34150	-.02616	10.00400
199.700	95.692	109.52000	-.03256	.00479	-.02539	-.00246	-4.95330	8.32530	-.03932	10.09000
200.550	195.790	109.46000	-.02820	.00472	-.02142	-.00148	-4.95060	8.32130	.02625	10.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR19) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1823/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.930	-2.442	202.82000	.02876	.01090	-.08728	-.03419	5.95270	14.13100	9.98550	10.02300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.94600	14.14500	10.00300	10.03500
50.432	197.470	203.33000	.02174	.00434	-.07977	-.03801	5.95230	14.14400	9.99740	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR19) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1824/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.767	197.580	203.23000	.02936	.00395	-.08905	-.03719	5.93610	14.14300	9.99150	10.05600
100.190	97.355	203.79000	.02758	.00864	-.09362	-.03814	5.94650	14.15600	9.99560	10.02700
99.785	-2.447	203.32000	.03235	.01082	-.09193	-.03595	5.95480	14.14400	9.98980	9.98880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1825/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.790	-2.475	204.13000	.03468	.00936	-.11525	-.04214	5.95280	14.17400	10.01700	10.04800
200.380	97.329	204.07000	.03464	.00720	-.11332	-.04078	5.94750	14.17100	10.00000	10.08300
200.680	197.080	204.43000	.02848	.00527	-.11488	-.04117	5.93900	14.17800	9.99120	9.99250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR20) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1826/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.867	-2.506	101.49000	.02526	.01013	-.04895	-.02794	5.94830	12.08600	9.98020	10.02500
51.028	97.418	101.12000	.01614	.00657	-.04461	-.02501	5.93390	12.07300	10.00800	10.05300
49.975	197.730	100.18000	.01937	.00395	-.02789	-.01672	5.92930	12.04000	9.99030	10.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1827/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.130	197.310	101.15000	.03683	.00559	-.04563	-.02097	5.94430	12.06900	10.01000	10.06300
100.170	97.354	101.20000	.03083	.00676	-.05570	-.02468	5.94350	12.07800	9.98780	10.04000
100.000	-2.689	102.03000	.02849	.01075	-.06266	-.02934	5.95200	12.10200	9.99080	9.96240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR20) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1828/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.390	-2.590	102.57000	.02030	.01076	-.08682	-.03508	5.94700	12.12600	10.06700	10.00100
200.050	97.581	102.70000	.02176	.01129	-.09012	-.03712	5.94930	12.13200	9.98870	10.03200
199.860	197.340	102.47000	.02884	.01068	-.07773	-.03121	5.95210	12.11600	9.99380	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR21) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1829/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.434	-2.586	151.95000	.02142	.01163	-.06756	-.03034	5.94970	12.11100	9.99740	9.99050
50.511	97.315	152.62000	.02486	.00730	-.06444	-.03103	5.94130	12.12200	9.99730	10.06300
50.350	197.580	154.51000	.01802	.00312	-.05650	-.03037	5.92680	12.15200	9.98770	9.99920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1830/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.811	197.500	153.12000	.03320	.00389	-.06476	-.02897	5.93810	12.12300	9.99890	10.06200
99.915	97.519	153.21000	.02691	.00825	-.07121	-.03164	5.94490	12.13000	9.98930	10.04000
99.928	-2.493	153.21000	.02529	.01249	-.07334	-.03358	5.95430	12.13400	9.98700	9.98140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1831/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.190	-2.674	154.60000	.02492	.01172	-.10522	-.04168	5.95240	12.18000	10.03500	10.02300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200.080	197.310	154.16000	.02349	.00831	-.09535	-.03851	5.94320	12.16400	9.98630	10.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR22) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1832/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.706	-.126	20.57200	.01215	.00861	-.02268	-.01452	5.93610	10.04600	9.98650	10.01700
50.713	99.761	19.52300	.01445	.00594	-.00989	-.00731	5.93090	10.01300	10.00300	9.97530
50.572	199.860	19.37400	.01002	.00355	-.00870	-.00360	5.92220	10.00400	9.99720	10.01400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1833/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.200	199.830	20.06000	.02116	.00733	-.01800	-.00649	5.93840	10.02300	9.99610	10.01000
100.010	99.951	19.99800	.02403	.00896	-.02453	-.01147	5.94430	10.03100	9.99240	10.04600
99.792	-.556	20.28200	.01987	.01050	-.02723	-.01189	5.94550	10.03800	9.98460	9.96140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1834/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.910	-.146	20.50800	.01718	.00901	-.04271	-.00775	5.94020	10.04000	10.05900	10.08600
201.230	99.826	20.56800	.00766	.00582	-.03746	-.01238	5.92650	10.04700	10.02620	10.09300
199.030	199.810	21.22700	.01777	.01132	-.04043	-.01467	5.94630	10.06300	9.97710	10.05500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR23) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1835/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.006	-.068	50.87300	.01787	.00800	-.03278	-.02115	5.93820	10.05900	9.99140	10.01500
50.430	99.913	50.14600	.01200	.00388	-.02312	-.01490	5.92440	10.03400	9.99550	10.03500
51.096	199.930	49.25200	.01322	.00452	-.01126	-.00540	5.92650	10.00100	10.01700	9.94590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR23) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1836/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.500	199.940	49.42400	.02150	.00653	-.02102	-.00722	5.93650	10.00900	10.02500	10.09500
99.511	99.781	50.43700	.02953	.00747	-.03373	-.01679	5.94410	10.04500	9.98380	10.06400
99.798	-.250	50.86000	.02889	.01095	-.04039	-.01962	5.95220	10.05900	9.98630	9.97360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1837/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.570	-.098	50.39200	.01624	.00885	-.04807	-.01160	5.93910	10.04100	10.07100	9.96250
199.540	99.866	50.20300	.01263	.00808	-.03933	-.01066	5.93500	10.03300	9.97770	9.99430
200.750	199.930	50.37400	.01855	.00976	-.04038	-.01168	5.94280	10.03800	10.02400	10.09500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR24) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1838/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.373	-.010	103.29000	.02562	.00953	-.04292	-.02407	5.94680	10.11000	9.99980	10.01100
50.577	99.763	103.31000	.02061	.00533	-.04053	-.02368	5.93350	10.10900	9.99680	10.04100
50.300	199.960	102.28000	.02154	.00280	-.02526	-.01646	5.92770	10.07600	10.00300	10.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1839/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.963	199.740	102.75000	.03238	.00462	-.04268	-.01996	5.93900	10.09400	10.00300	10.06000
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.94300	10.10800	9.99280	10.03400
99.979	-.228	103.84000	.02548	.01176	-.05219	-.02748	5.95220	10.12800	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR24) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1840/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.050	-.050	104.48000	.01884	.01162	-.07690	-.03364	5.94820	10.15500	10.05900	10.02900
200.220	99.812	104.81000	.02051	.01128	-.07937	-.03490	5.94820	10.16400	9.99210	10.01200
199.500	199.940	104.05000	.02561	.01076	-.06630	-.03109	5.95000	10.14100	9.98420	10.02500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR25) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1841/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.969	-4.151	-2.01190	.01326	.00747	-.01186	-.00958	5.93380	7.97760	9.96960	9.99540
51.087	95.851	-2.51020	.01152	.00466	-.00700	-.00484	5.92570	7.96010	10.01500	9.98420
50.155	195.890	-2.87480	.00961	.00183	-.00289	-.00065	5.91760	7.94620	9.98980	10.03300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1842/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.586	195.910	1.69100	.02276	.00635	-.01385	-.00429	5.93690	8.04710	9.97310	10.00800
101.150	95.879	2.53310	.02510	.00628	-.01757	-.00989	5.93820	8.07260	10.01900	10.00700
98.511	-3.956	1.50330	.02071	.01090	-.02209	-.01035	5.94670	8.05250	9.94740	9.91440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1843/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.910	-4.166	1.40110	.01745	.00950	-.03381	-.00511	5.94130	8.04590	9.98580	10.02400
200.020	96.017	1.81080	.00269	.00609	-.03211	-.01088	5.92400	8.06150	9.99420	10.03400
199.160	195.790	2.13780	.01917	.01380	-.03410	-.01359	5.95300	8.07150	9.99350	10.04800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR26) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1844/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.867	-4.122	50.93100	.01986	.00855	-.02841	-.01752	5.94070	8.05790	9.98020	10.01000
50.556	95.789	50.58300	.01384	.00377	-.02080	-.01635	5.92530	8.04770	9.99620	10.03000
51.164	195.610	49.66700	.01447	.00449	-.00682	-.00606	5.92720	8.01220	10.01300	9.93360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1845/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.730	195.860	50.04500	.01926	.00620	-.01646	-.00818	5.93440	8.02480	10.02700	10.07600
99.411	95.786	50.76900	.02550	.00660	-.02953	-.01597	5.93940	8.05310	9.98130	10.06100
99.673	-4.299	50.95500	.02590	.01253	-.02865	-.01780	5.95410	8.05880	9.98990	9.99000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1846/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.640	-4.222	50.69400	.01566	.00893	-.03747	-.00991	5.93890	8.04400	10.06800	9.94900
200.060	95.988	50.27100	.01188	.00805	-.02680	-.00881	5.93440	8.03240	9.99840	10.02600
200.670	195.780	50.66000	.01691	.00990	-.03146	-.01187	5.94200	8.04540	10.02600	10.09300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR27) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1847/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.467	-4.265	102.23000	.02495	.00929	-.03481	-.01998	5.94570	8.08700	10.00800	10.04500
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.504	195.830	102.04000	.01929	.00262	-.02359	-.01613	5.92580	8.07540	9.99690	9.98720
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR27) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 BETA = 10.000
ALPHAB = 6.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1848/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.050	195.880	102.21000	.02310	.00570	-.03491	-.01967	5.93580	8.08630	10.00700	10.06800
99.980	95.757	102.57000	.02298	.00857	-.04155	-.02135	5.94270	8.09720	9.99030	10.02500
99.838	-4.277	103.06000	.02600	.01127	-.04057	-.02399	5.95130	8.10990	9.98580	9.95620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1849/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.990	-4.206	103.75000	.01811	.01194	-.06095	-.03220	5.94830	8.13980	10.05800	10.05300
200.010	95.816	104.01000	.01998	.01112	-.06217	-.03310	5.94740	8.14630	9.99530	10.00100
199.910	195.840	103.53000	.02239	.01065	-.05263	-.02943	5.94770	8.12970	9.99530	10.03300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR28) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1266/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.036	-2.264	202.81000	-.08026	-.03070	-.09570	-.04602	-10.21700	14.15500	-10.00000	10.01300
-.690	97.567	203.13000	-.08580	-.03188	-.09682	-.04474	-10.22300	14.15800	-10.02200	10.05800
-.120	197.570	202.62000	-.08728	-.03079	-.08881	-.03957	-10.22100	14.13900	-9.98860	10.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1267/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
48.952	197.630	201.54000	-.08030	-.02626	-.07294	-.03477	-10.20600	14.10800	-10.01500	10.05000
50.234	97.673	201.84000	-.08403	-.02888	-.08192	-.03858	-10.21500	14.12100	-10.01100	10.01000
50.934	-2.368	202.58000	-.08259	-.02977	-.08747	-.04243	-10.21600	14.14200	-9.97530	9.95860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR28) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 14.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1268/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.390	-2.475	202.06000	-.08088	-.02745	-.07884	-.03943	-10.20900	14.12600	-9.97630	10.04000
98.631	97.772	201.98000	-.07863	-.02529	-.07308	-.03509	-10.20200	14.11700	-10.02700	10.08200
98.634	197.690	201.59000	-.07300	-.02316	-.06297	-.03289	-10.19400	14.10300	-10.01900	10.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1269/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.820	197.760	202.19000	-.05944	-.01904	-.07239	-.04114	-10.17500	14.12900	-10.00100	10.01800
199.810	97.691	201.64000	-.06658	-.02030	-.07210	-.03652	-10.18300	14.11100	-10.01700	10.00500
200.360	-2.567	202.26000	-.06746	-.02142	-.08694	-.04154	-10.18600	14.13400	-9.98980	9.92490
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR29) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1270/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.464	.447	101.29000	-.05604	-.02129	-.04329	-.01905	-10.17900	12.06800	-9.98480	10.00700
-.970	100.370	101.59000	-.06216	-.02602	-.04928	-.02169	-10.19400	12.08000	-10.03800	10.05500
-.034	200.500	101.70000	-.06834	-.03047	-.05098	-.02097	-10.20900	12.08100	-10.00600	10.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1271/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	-.06340	-.02683	-.03530	-.01765	-10.19700	12.05900	-9.98740	10.05100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
51.521	.403	101.05000	-.05810	-.02071	-.03333	-.01841	-10.17900	12.06100	-9.93820	9.9[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR29) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1272/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.210	.235	101.33000	-.05773	-.02117	-.03322	-.01994	-10.18000	12.06800	-9.98500	10.04600
99.310	100.690	101.17000	-.05591	-.02113	-.03280	-.01854	-10.17800	12.06200	-10.03100	10.02500
99.746	200.560	100.83000	-.05519	-.02143	-.02236	-.01499	-10.17900	12.04800	-10.00500	10.03000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1273/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.820	200.490	99.79100	-.02494	-.00643	-.01521	-.00978	-10.12300	12.01900	-10.00200	10.01300
200.470	100.460	101.07000	-.03668	-.01164	-.03643	-.02011	-10.14300	12.06400	-9.99790	9.99790
199.400	.494	102.72000	-.04846	-.01730	-.06094	-.03335	-10.16400	12.12100	-10.01300	10.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR30) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1338/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.162	.401	151.93000	-.07035	-.02791	-.06840	-.03221	-10.20400	12.10500	-9.99990	10.02900
-.489	100.390	152.33000	-.07721	-.03107	-.07199	-.03262	-10.21600	12.11400	-10.02300	10.04400
-.411	200.630	151.65000	-.07834	-.03116	-.06807	-.02894	-10.21700	12.09500	-10.00600	10.03300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1339/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.757	200.420	151.16000	-.07424	-.02697	-.05285	-.02605	-10.20400	12.07800	-9.99780	10.04100
50.232	100.440	151.59000	-.07802	-.02869	-.05594	-.02755	-10.21100	12.08900	-10.01000	10.00900
50.594	.410	151.68000	-.07416	-.02691	-.05876	-.03032	-10.20400	12.09500	-9.97720	9.94450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR30) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 12.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1340/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.150	.401	151.40000	-.07446	-.02531	-.05249	-.02877	-10.20000	12.08600	-9.98560	10.04400
100.020	100.520	151.36000	-.07334	-.02448	-.04946	-.02498	-10.19700	12.07900	-9.99780	10.01200
99.321	200.340	151.06000	-.06851	-.02269	-.04325	-.02419	-10.19000	12.07000	-10.00800	10.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1341/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.500	200.460	151.38000	-.05271	-.01569	-.04664	-.02948	-10.16300	12.08500	[illegible]	10.00500
200.070	100.490	151.23000	-.05995	-.01941	-.05181	-.03047	-10.17700	12.08500	[illegible]	9.99750
201.120	.393	152.69000	-.06163	-.01996	-.07371	-.03915	-10.17900	12.13100	-9.[illegible]5680	9.92920
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR31) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1342/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.096	.070	10.57500	-.04479	-.01870	-.03060	-.00980	-10.16600	10.03900	-9.94990	10.02000
-1.302	99.959	10.50000	-.05981	-.02738	-.03541	-.01054	-10.19600	10.04000	-10.05700	10.06300
.677	200.070	10.27000	-.06237	-.02912	-.03560	-.01123	-10.20200	10.03700	-9.98120	10.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1343/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	200.040	9.32810	-.02605	-.01010	-.00480	.00[illegible]54	-10.13300	9.99380	-9.91890	9.99350
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.867	-.092	9.66430	-.02785	-.01127	-.00693	-.00393	-10.13700	10.007[illegible]0	-9.99920	10.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR31) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1344/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.770	-.050	9.62330	-.02226	-.00739	-.00579	-.00380	-10.12400	10.00600	-9.93610	10.01000
100.100	100.240	8.90880	-.02082	-.00858	.00197	-.00115	-10.12600	9.98660	-10.00100	10.03400
99.359	199.970	8.28490	-.02073	-.00651	.01034	.00680	-10.12100	9.96090	-10.01000	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1365/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.870	200.470	19.16700	-.01454	-.00034	.00465	.00139	-10.10200	9.98750	-10.00100	10.04100
199.740	100.180	19.99900	-.00979	.00187	-.00911	-.00749	-10.09300	10.01900	-9.99890	10.06700
199.780	-.191	19.26000	-.02481	-.00525	-.00197	-.00155	-10.12000	9.99540	-10.01100	10.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR32) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1345/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.330	-.025	50.45500	-.04660	-.01812	-.02520	-.01002	-10.16500	10.03100	-10.00000	10.00900
-.837	100.150	51.06500	-.05778	-.02665	-.03466	-.01274	-10.19300	10.04800	-10.05400	10.09800
.411	200.080	50.85000	-.06139	-.03000	-.03682	-.01161	-10.20400	10.04400	-9.97880	10.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1346/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.756	200.070	50.48700	-.05589	-.02495	-.02023	-.00825	-10.18800	10.02700	-9.99730	10.08200
49.800	100.070	50.46800	-.05332	-.02296	-.01868	-.01012	-10.18200	10.02900	-10.00600	10.01400
50.645	-.018	50.34300	-.05031	-.01968	-.01834	-.01131	-10.17200	10.02900	-9.96790	9.95700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR32) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-10.000	BETAB =	10.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1347/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.892	-.071	50.42200	-.03663	-.01373	-.01221	-.01048	-10.14800	10.02700	-10.00400	10.00700
100.290	100.110	50.01300	-.03682	-.01456	-.01007	-.00657	-10.15100	10.01300	-10.00200	10.02500
99.402	199.970	49.36900	-.03042	-.01061	-.00044	.00118	-10.13700	9.98720	-10.00500	10.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1348/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.790	200.150	49.21200	-.01755	-.00041	.00191	.00131	-10.10400	9.98320	-10.01000	10.00600
201.810	100.270	50.48300	-.02606	-.00667	-.01784	-.01094	-10.12400	10.03000	-9.97880	10.01300
199.390	-.217	49.98000	-.03258	-.00934	-.01063	-.00735	-10.13500	10.01400	-10.02100	10.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR33) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-10.000	BETAB =	10.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1349/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
1.169	.206	102.59000	-.05572	-.02250	-.04042	-.01773	-10.18200	10.08700	-9.97350	10.01900
-1.494	99.986	102.77000	-.06218	-.02639	-.04678	-.01916	-10.19500	10.09400	-10.05700	10.05200
.023	199.990	102.94000	-.06954	-.03053	-.04891	-.01852	-10.21000	10.09700	-10.00200	10.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1350/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]								
50.008	99.981	102.16000	-.06534	-.02587	-.03253	-.01656	-10.19600	10.07500	-9.99930	10.00600
51.376	.038	102.27000	-.06061	-.02207	-.03121	-.01786	-10.18400	10.07900	-9.95350	9.96020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR33) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 10.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1351/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.580	-.046	102.28000	-.06100	-.02150	-.02714	-.01833	-10.18300	10.07900	-9.97020	10.02700
100.110	100.120	102.43000	-.06073	-.02251	-.03045	-.01677	-10.18500	10.08000	-9.99710	10.01700
99.264	200.090	101.89000	-.05868	-.02196	-.02644	-.01495	-10.18200	10.06600	-10.01800	10.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1352/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.830	200.120	101.49000	-.03379	-.00720	-.01382	-.01010	-10.13100	10.04800	-10.00100	10.01000
200.950	100.020	102.61000	-.04333	-.01345	-.03325	-.01980	-10.15200	10.08900	-9.98770	9.98940
199.280	-.079	104.13000	-.05261	-.01848	-.05639	-.03321	-10.17000	10.14300	-10.02100	10.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR34) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1353/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.530	-3.791	.53349	-.03401	-.01352	-.01848	-.00428	-10.14600	8.02180	-9.95590	9.98890
-.927	96.066	-.05985	-.04938	-.02258	-.02131	-.00466	-10.17800	8.01210	-10.05800	10.08200
1.493	196.230	.04051	-.04808	-.02094	-.01807	-.00487	-10.17400	8.01350	-9.94150	9.98010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1354/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.331	196.080	-.94215	-.02612	-.00983	-.00187	.00248	-10.13300	7.98000	-9.97840	10.06700
50.057	96.134	-1.07770	-.02927	-.01231	.00235	.00041	-10.14100	7.97900	-10.00800	10.05800
51.411	-3.923	-.40588	-.02630	-.00951	-.00226	-.00167	-10.13200	7.99610	-9.92090	9.90090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR34) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1355/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
97.291	-4.039	-.44476	-.02342	-.00640	-.00248	-.00104	-10.12200	7.99450	-10.05600	10.04400
100.250	96.301	-.74499	-.02340	-.00800	.00094	.00110	-10.12600	7.98470	-9.99600	10.03100
99.654	195.990	-1.32060	-.02917	-.00778	.00927	.00790	-10.13000	7.96220	-10.00300	10.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1356/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.930	196.120	-1.20880	-.01943	-.00110	.01115	.00284	-10.10700	7.97070	-9.99580	10.02300
199.260	96.116	-.22989	-.00764	.00497	-.00343	-.00564	-10.08400	8.00540	-10.00300	10.04100
198.680	-4.028	-1.15140	-.02576	-.00286	.00239	.00115	-10.11500	7.97680	-10.02900	10.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR35) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1357/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.254	-3.891	48.73200	-.04563	-.01879	-.02248	-.00784	-10.16600	7.99670	-10.00200	10.00300
-1.024	95.957	49.39000	-.05710	-.02649	-.03050	-.00969	-10.19300	8.01440	-10.05400	10.07500
.570	196.190	49.21900	-.06428	-.03008	-.03311	-.00960	-10.20600	8.01120	-9.98610	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1358/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]								
49.388	96.155	48.56000	-.05350	-.02323	-.01616	-.00735	-10.18300	7.99080	-10.02200	10.01400
50.032	-3.813	48.73500	-.04743	-.01886	-.01268	-.00793	-10.16800	7.99450	-9.98620	9.97200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR35) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1359/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.120	-3.961	48.50100	-.03680	-.01355	-.00727	-.00785	-10.14800	7.98850	-9.99390	10.00500
99.851	96.190	48.15400	-.03620	-.01445	-.00778	-.00358	-10.15100	7.97590	-10.00400	10.01200
99.347	196.080	47.58700	-.03333	-.01054	-.00006	.00240	-10.13900	7.95430	-10.01700	10.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1360/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.540	195.970	47.54300	-.02095	.00080	.00384	.00246	-10.10300	7.95260	-10.01000	10.01600
197.900	95.983	48.81600	-.02794	-.00611	-.01187	-.00839	-10.12400	7.99640	-10.06700	10.01600
198.970	-4.217	48.48500	-.03492	-.00912	-.00697	-.00529	-10.13600	7.98460	-10.03000	10.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR36) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = -10.000 BETA = 10.000
ALPHAB = -10.000 BETAB = 8.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1361/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.549	-3.913	100.38000	-.05446	-.02252	-.03329	-.01454	-10.18100	8.03890	-10.02700	10.01400
-.322	96.112	100.61000	-.06218	-.02726	-.04038	-.01536	-10.19700	8.04650	-10.01900	10.05800
-.260	196.090	100.71000	-.06926	-.02990	-.04205	-.01445	-10.20800	8.04710	-10.01700	10.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1362/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.597	196.090	100.04000	-.06421	-.02716	-.02981	-.01250	-10.19900	8.02780	-10.00500	10.07100
50.102	95.995	100.21000	-.06313	-.02660	-.02530	-.01351	-10.19700	8.03200	-10.00100	10.00800
51.524	-3.942	100.31000	-.05874	-.02248	-.02316	-.01490	-10.18400	8.03560	-9.93520	9.93730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR36) (28 JAN 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	-10.000	BETA =	10.000
ALPHAB =	-10.000	BETAB =	8.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1363/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.370	-4.010	100.31000	-.06150	-.02214	-.01988	-.01598	-10.18500	8.03600	-9.98170	10.04200
99.938	96.211	100.24000	-.05981	-.02271	-.02296	-.01413	-10.18500	8.03340	-10.00500	10.01600
99.415	195.990	99.89700	-.05781	-.02161	-.02150	-.01150	-10.18100	8.02210	-10.01300	10.02100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1364/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.680	196.150	99.20600	-.03522	-.00498	-.00798	-.00526	-10.12600	7.99670	-9.99850	10.00500
201.320	96.080	100.25000	-.04322	-.01325	-.02447	-.01589	-10.15100	8.03560	-9.97870	9.99380
199.090	-3.909	101.51000	-.05350	-.01898	-.04601	-.02870	-10.17100	8.08400	-10.03000	10.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR37) (28 JAN 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	15.000	BETAB =	19.000
Y =	200.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1440/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.118	-1.888	202.41000	.10941	.02085	-.09266	-.04176	14.72900	19.13400	14.99200	15.01500
.612	97.883	202.01000	.10610	.01557	-.09222	-.03403	14.71400	19.11500	14.99800	15.02400
.952	198.010	201.75000	.09633	.00608	-.09352	-.03127	14.68500	19.10600	14.99500	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1441/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.324	197.860	202.28000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.581	97.694	202.67000	.11924	.01791	-.13045	-.03273	14.72800	19.13500	14.99000	15.00000
49.583	-2.163	203.45000	.11778	.02095	-.13309	-.04127	14.73500	19.16300	14.98600	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR37) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1442/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.180	-2.326	204.32000	.11321	.02178	-.15560	-.04650	14.73400	19.19300	15.00100	15.01300
100.250	97.724	203.83000	.11660	.02100	-.15308	-.04061	14.73400	19.17400	14.99800	15.04100
100.240	197.960	203.03000	.11464	.01841	-.14617	-.03203	14.72700	19.14500	14.99500	15.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1443/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.400	197.860	205.51000	.10303	.01845	-.18394	-.05504	14.72000	19.23500	15.01300	15.08800
199.750	97.923	205.51000	.10221	.01918	-.18265	-.05667	14.72200	19.23700	14.97900	14.99000
199.490	-2.384	205.47000	.10093	.01833	-.18289	-.05438	14.71900	19.23300	14.96700	14.92400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR38) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1444/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.511	.764	102.26000	.08969	.01401	-.04812	-.02088	14.70000	17.08800	14.98300	15.01500
.627	100.600	102.13000	.08537	.00793	-.04933	-.01683	14.68200	17.08000	14.99200	15.01300
-.202	200.670	100.88000	.08727	.00903	-.03635	-.00481	14.68600	17.03500	14.99100	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1445/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.410	200.970	102.45000	.09936	.01394	-.07796	-.01568	14.70600	17.09100	14.97300	15.01500
50.206	100.740	103.01000	.09918	.01498	-.08028	-.02086	14.70800	17.11000	15.00000	15.02300
49.715	.888	103.27000	.10238	.02042	-.07929	-.02467	14.72400	17.12000	14.99600	15.00200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR38) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1446/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.130	.816	104.67000	.10072	.02665	-.10843	-.03643	14.73800	17.17100	15.00100	15.05100
99.872	100.840	103.97000	.10091	.02144	-.09888	-.03065	14.72500	17.14700	14.99000	15.05300
100.360	200.920	104.02000	.09849	.01827	-.10475	-.02866	14.71600	17.14700	14.99200	14.99300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1447/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.140	200.810	105.86000	.09472	.02198	-.13449	-.04469	14.72300	17.21200	15.04400	15.09100
201.130	101.160	105.40000	.08662	.01729	-.13068	-.04146	14.70700	17.19800	15.00800	14.99700
199.570	.745	105.38000	.09018	.01730	-.13752	-.03983	14.70900	17.19700	14.97600	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR39) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1448/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.054	.956	151.71000	.10649	.01812	-.07527	-.02782	14.72100	17.09300	14.99700	15.00500
1.061	100.790	151.80000	.09660	.01002	-.07941	-.02361	14.69500	17.09000	15.00000	15.01300
.427	200.860	151.38000	.09071	.00437	-.07057	-.02025	14.67700	17.07500	14.99400	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1449/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.824	100.520	152.31000	.10955	.01593	-.10137	-.02289	14.71700	17.10400	14.99600	15.00600
49.494	.719	152.97000	.11185	.02139	-.10647	-.03179	14.73200	17.13100	14.98600	14.99600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR39) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1450/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.130	.830	154.15000	.10850	.02293	-.13034	-.04082	14.73400	17.17300	14.99600	15.01400
100.320	100.570	153.32000	.11037	.02217	-.12093	-.03115	14.73300	17.14000	15.00500	15.05700
100.340	200.810	153.07000	.10550	.01681	-.11638	-.02629	14.71700	17.12800	14.99000	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1451/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.480	200.890	155.66000	.09964	.02062	-.15717	-.05129	14.72300	17.22300	14.97700	15.01700
200.640	100.760	155.54000	.09594	.01968	-.15905	-.05379	14.71900	17.22500	14.99500	14.98400
200.210	.595	155.39000	.09498	.01821	-.16012	-.05080	14.71500	17.21800	14.99500	15.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR40) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1472/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.080	.151	20.40400	.05740	.00544	-.01109	-.00599	14.65900	15.03000	14.98700	15.01000
.231	99.778	19.75000	.06191	.00511	-.00081	.00453	14.66000	15.00000	14.99800	14.99600
1.169	200.140	20.23300	.06174	.00068	-.02272	.00335	14.65000	15.01600	15.02100	14.94600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1473/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.090	200.130	20.79500	.07273	.00957	-.03848	-.00098	14.67800	15.03700	15.02500	15.08800
49.545	100.070	21.14000	.07509	.01098	-.03710	-.00267	14.68300	15.04500	14.97700	15.03400
49.574	.170	21.74300	.07698	.01711	-.04315	-.01266	14.69900	15.07200	14.98600	15.03500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR40) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 20.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1474/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.790	.131	22.89400	.07733	.01778	-.07820	-.01692	14.70100	15.10900	15.05300	14.93100
100.540	100.210	22.12200	.07498	.01937	-.06203	-.01517	14.70400	15.08800	15.00800	14.99700
100.260	199.970	21.86800	.07408	.01451	-.05843	-.00853	14.69100	15.07300	14.99200	14.99500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1475/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.490	200.260	22.29500	.05665	.00141	-.07234	-.00926	14.64900	15.08600	14.98100	15.00700
199.970	100.270	22.26000	.06352	.00223	-.08266	-.00720	14.65500	15.08400	14.99000	15.01200
200.380	.108	23.17400	.07974	.01043	-.09673	-.01367	14.68500	15.11500	14.99800	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR41) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1452/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.151	.402	49.99700	.07298	.00662	-.02616	-.01099	14.67100	15.02900	14.99100	15.00900
-.111	100.110	48.84600	.08157	.00779	-.01746	-.00010	14.67900	14.99000	14.99500	15.01500
.669	200.270	48.80900	.07370	.00411	-.01727	.00725	14.66500	14.97900	15.00400	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1453/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.592	100.160	50.92800	.09189	.01482	-.05395	-.01133	14.70300	15.05400	14.98400	15.01800
50.216	.154	51.12000	.08495	.01693	-.05436	-.01744	14.70400	15.06700	14.99200	15.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR41) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1454/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.980	.247	52.12300	.08658	.02580	-.07629	-.02739	14.72700	15.10600	15.03800	15.03800
100.160	99.869	51.66100	.08707	.02137	-.07250	-.02398	14.71600	15.09100	14.99200	15.03500
99.767	200.410	52.03300	.08737	.01869	-.07721	-.02079	14.71000	15.09400	14.98900	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1455/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.410	200.280	51.48400	.06987	.00780	-.08356	-.01637	14.67300	15.07900	14.97700	15.01200
199.990	99.377	51.56100	.06908	.00611	-.08708	-.01315	14.66800	15.07700	14.97200	14.90500
200.120	-.029	52.49000	.08072	.01061	-.10020	-.01618	14.68600	15.10300	14.98900	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR42) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1456/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.394	.403	104.07000	.09634	.01445	-.05382	-.01611	14.70500	15.11700	14.99300	15.01300
.826	99.974	104.28000	.08581	.00640	-.06086	-.01655	14.67900	15.12400	14.99000	15.00800
.283	200.110	103.28000	.08607	.00610	-.05028	-.00927	14.67800	15.09200	14.99900	14.99900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1457/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.374	200.330	104.35000	.09421	.01069	-.07150	-.01479	14.69500	15.12500	15.00500	15.06200
49.946	100.200	104.58000	.09799	.01320	-.07367	-.01761	14.70300	15.13400	14.99100	15.02200
49.562	.199	104.87000	.10431	.02023	-.07672	-.02117	14.72400	15.14500	14.98600	14.99100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR42) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1458/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.040	.166	106.13000	.10361	.02456	-.10098	-.03284	14.73500	15.19200	15.00200	15.02500
100.330	100.140	105.59000	.10257	.01996	-.09031	-.02449	14.72300	15.16800	14.99700	15.05800
100.350	200.170	105.27000	.09975	.01565	-.08912	-.02240	14.71000	15.15800	15.00100	15.01100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1459/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.330	200.140	107.06000	.09117	.01900	-.11875	-.03746	14.71400	15.22100	15.07300	15.09100
200.100	100.150	107.32000	.08835	.01858	-.12130	-.04070	14.71100	15.23100	14.98900	15.00100
200.070	.110	107.18000	.09077	.01742	-.12600	-.03778	14.71000	15.22600	14.99400	15.01500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR43) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1460/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.224	-3.747	-.09715	.05841	.00225	-.00774	.00337	14.65100	13.00300	14.99800	15.00800
1.098	96.553	.08897	.06037	.00199	-.01896	.00355	14.65200	13.00900	15.02300	14.97000
.168	196.150	.13810	.05918	-.00005	-.01706	.00470	14.64600	13.00800	14.99000	14.99500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1461/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.947	96.337	1.09050	.07075	.01154	-.03200	-.00411	14.68200	13.04200	14.99400	15.02100
49.441	-3.802	1.50840	.07347	.01561	-.03385	-.01004	14.69400	13.05900	14.97700	15.04600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR43) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1462/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
102.350	-3.528	2.51290	.07266	.01721	-.06099	-.01492	14.69700	13.09200	15.05600	15.00100
99.545	96.133	2.12780	.07209	.01862	-.04690	-.01413	14.70000	13.07900	14.97300	14.95000
100.730	196.120	1.65250	.06921	.01377	-.04464	-.00792	14.68600	13.06100	15.00100	15.06200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1463/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.770	196.420	2.07320	.05062	.00023	-.06010	-.00813	14.64200	13.07400	14.98900	15.01300
198.670	96.034	2.11020	.05651	.00139	-.06641	-.00610	14.64800	13.07300	14.94600	14.90800
200.370	-4.005	2.87780	.08008	.01167	-.08305	-.01168	14.68800	13.10000	14.99800	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR44) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1464/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.476	-3.794	50.04900	.07607	.00712	-.03667	-.01164	14.67400	13.03700	14.97600	15.02000
.196	95.855	48.92000	.08019	.00730	-.02280	.00082	14.67700	12.99400	14.99700	15.00400
.687	196.050	48.24200	.07326	.00389	-.01772	.00766	14.66400	12.97100	14.99800	15.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1465/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.617	196.250	50.00600	.08171	.01106	-.04655	-.00426	14.68700	13.02800	15.00100	15.06500
49.519	96.040	50.30600	.08770	.01343	-.05058	-.01142	14.69700	13.04500	14.98100	15.02600
50.055	-3.772	50.73700	.08391	.01587	-.05167	-.01643	14.70100	13.06100	14.99000	15.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR44) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1466/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.860	-3.746	51.91200	.08871	.02532	-.06743	-.02496	14.72700	13.09900	15.04300	15.02800
100.130	96.639	51.36100	.08506	.02067	-.06445	-.02240	14.71300	13.08400	14.99200	15.06700
101.200	196.050	50.94400	.08184	.01540	-.06079	-.01469	14.69800	13.06500	15.01700	14.95300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1467/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.790	196.040	51.17400	.06824	.00864	-.07148	-.01531	14.67400	13.07300	14.98700	15.00400
199.270	96.048	50.88900	.06712	.00680	-.07328	-.01121	14.66800	13.06200	14.95600	14.93100
200.040	-3.830	51.56800	.08030	.01113	-.08671	-.01531	14.68700	13.08400	14.98800	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR45) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1468/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.219	-3.692	101.01000	.09637	.01569	-.05195	-.01244	14.70800	13.06000	14.99400	15.01600
.923	96.143	101.27000	.08177	.00736	-.05981	-.01492	14.67900	13.07100	14.99600	15.01500
.196	196.260	100.63000	.08015	.00617	-.04817	-.00771	14.67500	13.04500	14.99300	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1469/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	101.79000	.08953	.01071	-.06442	-.01197	14.69200	13.07000	14.99900	15.06200
49.739	96.067	101.45000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.676	-3.939	101.97000	.10458	.01934	-.06869	-.01794	14.72200	13.09000	14.98900	14.98900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR45) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 15.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1470/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.988	-3.863	102.92000	.10449	.02346	-.09135	-.02851	14.73200	13.12900	15.00000	15.03300
100.460	95.952	102.28000	.10295	.01846	-.08232	-.02032	14.71900	13.10500	14.99900	15.03900
100.160	196.080	101.93000	.09761	.01506	-.07996	-.02008	14.70800	13.09600	14.98700	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1471/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
139.800	196.180	103.59000	.08840	.01760	-.10256	-.03171	14.70800	13.15000	14.99300	15.00800
200.160	95.949	103.44000	.08747	.01817	-.10675	-.03583	14.70900	13.15400	14.99400	14.99900
200.150	-3.960	103.73000	.09090	.01683	-.10989	-.03351	14.70800	13.15700	14.99100	15.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR46) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1551/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.081	-2.137	201.81000	.05248	.02208	-.08296	-.03977	10.99600	19.12100	14.99400	15.01100
.481	97.727	201.43000	.04937	.01970	-.07460	-.03717	10.98800	19.10800	14.99500	15.01900
.718	197.830	201.35000	.04388	.01169	-.07272	-.03655	10.96500	19.10600	15.00300	15.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1552/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.682	197.710	201.76000	.06735	.00976	-.08410	-.03579	10.97500	19.11500	14.99400	15.03500
49.604	97.777	202.12000	.06894	.01707	-.08794	-.04015	10.99400	19.12900	14.98800	15.01300
49.481	-2.354	202.32000	.07020	.02079	-.09261	-.04538	11.00400	19.14200	14.98300	14.96800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR46) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1553/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.907	-2.156	203.12000	.07985	.01768	-.11530	-.04859	11.00300	19.16700	14.99000	15.02800
100.450	97.736	202.60000	.08235	.01579	-.11273	-.04293	11.00000	19.14800	15.00800	15.06800
100.690	197.790	202.17000	.08022	.01244	-.10748	-.03652	10.99000	19.13000	15.00200	15.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1554/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.220	197.790	204.63000	.07159	.01566	-.15139	-.05522	10.99300	19.21500	15.00100	15.01200
200.000	97.739	204.53000	.07144	.01595	-.15159	-.05607	10.99400	19.21400	14.98200	14.97300
198.900	-2.294	204.37000	.07202	.01404	-.15230	-.05438	10.98900	19.20800	14.95400	14.90700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR47) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1555/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.059	.803	100.93000	.03412	.01623	-.03979	-.02185	10.97000	17.06500	14.98900	15.01700
.364	100.340	101.05000	.02680	.00919	-.03404	-.02136	10.94800	17.06500	14.98000	14.99700
.253	200.780	99.50700	.03219	.00942	-.01374	-.00943	10.95200	17.01300	15.01100	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1556/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.096	100.730	101.25000	.05603	.01058	-.04465	-.02497	10.97000	17.07700	14.98400	15.01200
50.241	.668	101.21000	.05927	.01510	-.05008	-.02622	10.98300	17.07900	14.99700	14.97800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR47) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1557/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.130	.660	102.56000	.07194	.01986	-.07871	-.03189	11.00300	17.12000	15.01300	15.03400
100.470	100.790	101.89000	.07132	.01453	-.06847	-.02689	10.98900	17.09800	15.00400	15.07300
99.780	200.780	101.71000	.07275	.01277	-.06554	-.02525	10.98600	17.09100	14.99600	15.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1558/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.390	200.740	103.35000	.05798	.01653	-.09976	-.03563	10.98600	17.14600	14.96700	14.98800
199.890	100.520	103.49000	.05513	.01436	-.10161	-.03371	10.97900	17.14500	14.97100	14.97000
200.240	.775	103.03000	.05873	.01249	-.09916	-.02777	10.97700	17.12800	14.99500	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR48) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1559/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.263	.913	151.56000	.04876	.02001	-.05705	-.02939	10.98900	17.03300	14.99100	15.00800
.800	100.590	151.36000	.04380	.01638	-.05314	-.02762	10.97700	17.08500	14.99800	15.01600
.656	200.840	151.46000	.03756	.00611	-.05242	-.02945	10.94700	17.09000	14.99800	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1560/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.425	200.860	151.58000	.06125	.00635	-.06235	-.02727	10.96300	17.09100	14.99000	15.05100
49.276	101.040	151.78000	.06616	.01366	-.06447	-.02827	10.98400	17.09700	14.98600	15.03700
49.673	.606	152.26000	.07089	.01755	-.06970	-.03427	10.99600	17.11600	14.98300	14.96500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR48) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1561/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.170	.978	153.15000	.07642	.01799	-.09382	-.03965	11.00100	17.14700	15.00100	15.01900
100.220	100.840	152.41000	.07729	.01612	-.08426	-.03171	10.99700	17.11900	15.00000	15.08400
100.590	200.940	152.15000	.07438	.01084	-.08233	-.02833	10.98200	17.10900	15.00400	15.03100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1562/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.920	200.770	154.31000	.06567	.01811	-.12217	-.04948	10.99500	17.19100	14.98700	15.01500
200.160	100.700	154.51000	.06462	.01681	-.12341	-.04912	10.99100	17.19400	14.98100	14.96100
200.010	.633	154.40000	.06615	.01479	-.12536	-.04641	10.98700	17.18800	14.98500	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR49) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1587/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
.133	.081	7.89760	.00755	.00376	.00146	-.00083	10.92200	14.97100	14.99700	15.00700
1.061	99.973	8.25710	.01451	.00554	-.00943	.00242	10.93100	14.97600	15.02700	14.94600
-.187	200.080	7.81020	.01539	.00453	-.01113	.00452	10.92900	14.96500	14.98500	15.00700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1588/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.381	99.992	8.71630	.02981	.00920	-.01301	-.00635	10.94900	14.99800	15.00700	15.00800
48.957	.082	9.47770	.03274	.01216	-.01956	-.01208	10.95900	15.02300	14.97200	15.04500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR49) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1589/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.460	-.083	9.71380	.04781	.01379	-.03967	-.01464	10.97200	15.03600	15.04600	14.91900
99.983	100.030	9.67550	.04836	.01564	-.03495	-.01427	10.97700	15.03300	14.98800	15.01100
100.330	200.070	9.38070	.04590	.01300	-.03036	-.00860	10.96900	15.01800	15.00300	15.04900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1590/ 0 RN/L = 1.50 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.030	200.230	9.94610	.02565	.00529	-.05743	-.01059	10.93800	15.03900	15.00600	15.07900
199.800	100.020	9.92370	.03751	.00525	-.06756	-.00631	10.94500	15.03500	14.97200	15.01100
200.260	.015	10.58700	.05235	.01102	-.07205	-.01218	10.96800	15.05700	14.99600	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR50) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1593/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.096	-.125	50.32600	.01865	.00869	-.02227	-.01465	10.94200	15.04000	14.99000	14.99900
.298	100.390	49.11900	.02228	.00438	.00026	-.00332	10.93300	14.99500	14.99400	15.02400
-.275	199.930	48.18100	.03139	.00773	.00836	.00557	10.94700	14.96200	15.00200	15.00600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1594/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
51.314	199.940	49.52800	.04471	.00537	-.01640	-.00432	10.94900	15.00800	15.03400	15.02400
48.997	100.160	50.05300	.04924	.00951	-.01823	-.01206	10.96200	15.03000	14.97400	15.08100
50.059	.046	50.81200	.04526	.01189	-.03417	-.01763	10.96600	15.05600	14.98700	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR50) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1595/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.860	.022	51.71500	.06161	.01902	-.05664	-.02141	10.99400	15.08400	15.04400	15.00800
99.960	100.010	51.16200	.06108	.01528	-.04218	-.01873	10.98400	15.06600	14.98400	15.09000
101.160	200.130	50.48000	.05602	.01143	-.03750	-.01091	10.97100	15.04100	15.00600	14.94200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1596/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.940	200.130	50.95500	.03540	.00671	-.05776	-.01304	10.94700	15.05900	14.99200	15.01400
200.480	99.915	51.13500	.04517	.00585	-.06384	-.01044	10.95100	15.05900	15.00300	15.01100
199.930	.040	51.53600	.05233	.00930	-.07106	-.01546	10.96400	15.07600	14.98800	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR51) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1597/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.167	.200	100.62000	.04289	.01478	-.03133	-.01894	10.97200	15.05400	14.99100	15.02100
.621	99.963	100.71000	.03501	.01142	-.02960	-.02085	10.95800	15.05800	14.99100	15.01600
.823	200.050	100.38000	.03038	.00367	-.01956	-.01544	10.93700	15.04100	15.00200	15.00400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1598/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.480	100.020	101.31000	.05767	.00874	-.04638	-.02055	10.96600	15.07300	14.97700	15.02700
49.933	.098	101.22000	.06575	.01484	-.04345	-.02202	10.98600	15.07300	15.00100	14.98000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR51) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1599/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.140	.085	102.14000	.07283	.01817	-.06618	-.02873	10.99900	15.10500	15.00500	15.02500
100.490	100.170	101.46000	.06900	.01389	-.05811	-.02272	10.98600	15.08200	14.99600	15.09000
100.460	200.010	101.61000	.06674	.00926	-.05832	-.02198	10.97300	15.08400	15.00200	15.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1600/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
202.560	200.080	102.63000	.05312	.01362	-.08175	-.03020	10.97500	15.12100	15.07600	15.09800
199.910	100.080	102.64000	.05186	.01269	-.08181	-.03014	10.97200	15.12100	14.97900	14.97600
200.150	.109	102.41000	.05525	.01260	-.08367	-.02576	10.97400	15.11100	14.99800	15.02200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR52) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1575/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.068	-3.797	-.72409	.01460	.00203	.00396	.00032	10.92200	12.98900	14.98800	15.01000
1.487	96.100	-.52031	.02620	.00353	-.00508	.00209	10.93300	12.99300	15.03500	14.93900
-.090	196.190	-.69439	.02603	.00142	-.00615	.00428	10.92800	12.98600	14.99000	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1576/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.297	196.180	-.60124	.03818	.00512	-.00361	.00001	10.94500	12.99400	14.99400	15.01400
50.052	96.223	.07946	.03819	.00663	-.01241	-.00425	10.94800	13.01500	14.99200	15.01100
49.495	-3.895	.49071	.03935	.00966	-.02090	-.00903	10.95700	13.03200	14.98100	15.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR52) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1577/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.380	-3.924	1.22020	.05119	.01373	-.03801	-.01189	10.97400	13.05400	15.04600	14.96500
100.570	96.110	1.12580	.05448	.01511	-.03175	-.01296	10.98000	13.05200	15.00800	15.02800
100.880	196.260	1.43600	.05062	.01162	-.02800	-.00751	10.96900	13.04800	15.00400	15.02800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1578/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
199.940	196.170	1.12240	.02674	.00609	-.05157	-.01496	10.94000	13.06100	14.99800	15.07500
199.490	96.330	.79774	.03645	.00532	-.05584	-.00797	10.94400	13.04600	14.96900	15.00400
199.890	-4.191	1.16930	.05883	.00919	-.05931	-.01272	10.96800	13.06000	14.98400	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR53) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1579/ 0 RN/L = 1.52 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.573	-3.831	49.76700	.03194	.00941	-.02183	-.01488	10.95200	13.03000	14.97400	15.02200
.493	96.373	48.89900	.02885	.00192	-.00363	-.00728	10.93100	12.99800	14.99400	15.02800
-.068	195.860	47.66500	.03912	.00518	.01157	.00496	10.94500	12.95300	15.00200	15.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1580/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
50.850	196.200	49.18500	.05361	.00467	-.02156	-.00417	10.95300	13.00300	15.02900	15.02600
[illegible]	[illegible]	[illegible]	[illegible]							
49.990	-3.908	50.24400	.05126	.01133	-.03340	-.01769	10.96900	13.04600	14.98600	14.99800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR53) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1581/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
101.590	-3.972	50.74900	.06179	.01703	-.04771	-.01834	10.98900	13.06000	15.06500	14.93200
100.350	96.050	50.63400	.05931	.01421	-.04106	-.01775	10.98100	13.05500	14.99800	15.01300
101.110	195.740	49.91900	.05595	.01045	-.03559	-.01160	10.96900	13.03200	15.01100	14.94100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1582/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.020	196.130	50.58500	.03680	.00660	-.05155	-.01416	10.94800	13.05200	14.99300	15.01500
200.230	95.719	50.45500	.04474	.00631	-.05448	-.01084	10.95200	13.04600	14.99100	14.98500
198.880	-4.061	50.62000	.05349	.00959	-.06346	-.01426	10.96600	13.05600	14.96400	14.90900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR54) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1583/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
-.279	-3.781	100.31000	.05291	.01310	-.02980	-.01599	10.97400	13.04400	14.98800	15.00600
.601	96.005	100.10000	.04806	.00978	-.03399	-.01821	10.96300	13.04500	14.98700	15.01400
.976	196.180	100.44000	.03626	.00084	-.02985	-.01630	10.93300	13.04700	15.00000	15.00100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1584/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
49.329	196.170	100.29000	.05408	.00477	-.04261	-.01514	10.95400	13.04600	14.99100	15.06100
49.699	95.849	100.71000	.06075	.00981	-.04650	-.01700	10.97100	13.05700	14.99000	15.01300
49.644	-3.919	100.82000	.06911	.01421	-.04254	-.01884	10.98700	13.06100	14.99200	14.98600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR54) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 11.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1585/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.130	-3.820	101.59000	.06984	.01847	-.05939	-.02711	10.99800	13.09100	14.99800	15.02200
100.640	95.878	101.18000	.06817	.01358	-.05523	-.01985	10.98500	13.07300	15.00000	15.06400
100.440	196.120	100.92000	.06365	.00994	-.05477	-.01959	10.97300	13.06700	14.99800	15.01300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1586/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.000	196.250	101.91000	.05133	.01299	-.07176	-.02565	10.97300	13.09900	14.99500	15.01300
199.850	95.970	101.84000	.05009	.01169	-.07111	-.02321	10.96900	13.09300	14.97400	14.96900
200.050	-3.964	101.90000	.05507	.01256	-.07685	-.02305	10.97400	13.09600	14.99200	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR55) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1703/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.000	-2.399	203.08000	.03700	.01595	-.09751	-.04662	6.97050	19.15700	14.99000	15.01600
100.050	97.512	202.69000	.03642	.01335	-.09494	-.04296	6.96370	19.14400	14.99000	15.00400
100.460	197.650	202.21000	.03699	.00924	-.08015	-.03832	6.95380	19.12400	15.00600	15.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1704/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.170	97.570	203.54000	.04656	.01278	-.11012	-.04931	6.96870	19.17400	14.99000	14.99600
150.190	-2.594	203.58000	.04544	.01299	-.10955	-.05144	6.96860	19.17700	14.99200	15.01600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR55) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 19.000
Y = 200.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1705/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.360	-2.246	203.97000	.04327	.01002	-.12415	-.05272	6.96020	19.19000	15.00400	15.04400
200.330	97.623	204.31000	.04527	.01126	-.13024	-.05430	6.96440	19.20000	14.99900	15.01500
200.650	197.630	204.41000	.04550	.01055	-.13239	-.05090	6.96280	19.19800	15.01300	15.06300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR56) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1706/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.090	.603	102.76000	.03646	.01397	-.05365	-.02914	6.96470	17.11200	14.99300	15.04500
100.260	100.400	102.73000	.03273	.01084	-.05193	-.02638	6.95480	17.10700	14.99500	15.00700
99.970	199.950	102.45000	.03735	.01045	-.04361	-.02269	6.95660	17.09400	15.00100	14.99000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1707/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.880	200.430	103.23000	.04417	.01164	-.07190	-.02884	6.96400	17.12400	15.02900	15.03700
150.360	100.490	103.56000	.04460	.01393	-.07564	-.03297	6.96990	17.13800	14.99900	14.99600
150.510	.508	103.28000	.04243	.01100	-.06601	-.02957	6.96130	17.12500	15.00300	15.03400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1708/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.380	.470	103.20000	.03394	.00860	-.07380	-.02511	6.95020	17.12000	14.98600	14.98400
200.280	100.360	103.55000	.03213	.00831	-.08109	-.02906	6.94840	17.13400	14.99800	15.01700
200.400	200.580	103.29000	.03412	.00896	-.07902	-.02836	6.95120	17.12700	15.01000	15.06600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR57) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 17.000
Y = 150.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1709/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.030	.273	152.45000	.03622	.01329	-.07335	-.03699	6.96320	17.12400	14.99000	15.01300
99.891	100.400	151.88000	.03723	.01227	-.06940	-.03248	6.96120	17.10600	14.98700	14.99400
99.914	200.890	151.57000	.03690	.00769	-.06050	-.02968	6.94980	17.09400	14.99700	15.05900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1710/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
151.150	200.560	152.23000	.04770	.00936	-.08226	-.03426	6.96080	17.11900	15.03700	15.05000
149.370	100.330	152.64000	.04565	.01214	-.08646	-.03936	6.96640	17.13500	14.96900	14.96400
149.710	.077	152.73000	.04343	.01114	-.08406	-.04038	6.96250	17.13700	14.97500	15.01200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1711/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.890	.432	152.72000	.03767	.00977	-.09348	-.03891	6.95570	17.13700	15.01700	15.02800
200.650	100.430	153.25000	.03686	.01160	-.10503	-.04258	6.95970	17.15600	15.00900	15.02300
200.340	200.470	153.41000	.03832	.01243	-.10607	-.04192	6.96260	17.15800	15.01200	15.07400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR58) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1712/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.380	99.789	21.68100	.02618	.01160	-.02756	-.00822	6.95220	15.05900	14.99700	15.01600
100.260	199.990	21.61100	.02447	.01014	-.02781	-.00698	6.94750	15.05600	15.00200	15.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR58) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = .000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1713/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.230	200.510	22.48900	.03033	.01436	-.04229	-.02149	6.96170	15.09800	15.04000	15.04700
151.880	99.877	22.05000	.02609	.00905	-.03938	-.01253	6.94600	15.07600	15.06800	15.01400
150.460	-.057	21.96200	.02802	.01021	-.03760	-.01186	6.95000	15.07300	15.00200	15.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1714/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.270	.087	22.47100	.02843	.00920	-.05052	-.01315	6.94790	15.08700	14.99100	15.03000
200.110	100.110	22.01100	.02832	.00520	-.04535	-.00938	6.93800	15.07200	14.99000	15.01800
202.250	199.850	22.13400	.01731	.00241	-.04090	-.01011	6.92430	15.07400	15.05100	15.05100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR59) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1715/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.160	.097	50.50000	.03644	.01298	-.03675	-.01884	6.96210	15.05300	15.00200	15.01800
99.971	99.977	50.15900	.03521	.01097	-.03098	-.01424	6.95630	15.03800	14.98900	14.96300
100.910	200.120	49.87800	.02775	.00902	-.02438	-.00960	6.94680	15.02400	15.01400	15.06700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1716/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
151.540	199.870	50.42700	.02838	.00818	-.04365	-.01476	6.94540	15.04700	15.04600	15.08100
149.930	99.968	50.14900	.03099	.00834	-.03880	-.01230	6.94730	15.03700	14.98300	15.03200
149.820	-.038	50.59000	.03287	.00965	-.04182	-.01536	6.95170	15.05100	14.98100	15.04100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR59) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 50.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1717/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
201.010	.010	50.63000	.02888	.00811	-.05570	-.01301	6.94550	15.05200	15.00800	15.02500
199.760	99.555	50.19100	.02742	.00507	-.04994	-.00960	6.93710	15.03700	14.98100	15.00000
199.930	200.080	50.10400	.02023	.00264	-.04467	-.00907	6.92670	15.03300	14.99000	15.01900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR60) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 15.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1718/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.030	-.025	101.56000	.03876	.01166	-.04718	-.02511	6.96040	15.08500	14.98900	15.01600
99.752	100.030	101.51000	.03411	.01079	-.04883	-.02359	6.95540	15.08200	14.98500	15.01100
101.480	200.070	101.38000	.03322	.00658	-.04297	-.02235	6.94460	15.07600	15.04000	15.04300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1719/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.940	199.760	101.86000	.04312	.01030	-.06183	-.02638	6.96000	15.09600	15.01500	15.04400
150.120	99.450	102.04000	.04296	.01077	-.06227	-.02663	6.96100	15.10000	14.98400	14.92000
150.750	-.070	101.71000	.04196	.00933	-.05472	-.02592	6.95680	15.09100	15.01100	15.00900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1720/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.120	.039	101.82000	.03206	.00837	-.06207	-.02171	6.94830	15.08900	14.98700	15.04400
200.190	100.260	102.37000	.03018	.00853	-.07450	-.02679	6.94770	15.11000	14.99900	15.03300
[illegible]	200.160	102.10000	.02991	.00766	-.06882	-.02304	6.94530	15.09700	15.05400	15.05500
	GRADIENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR61) (28 JAN 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1721/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.180	-3.953	.11746	.02423	.01035	-.02223	-.00813	6.94780	13.02200	15.00300	15.07200
100.540	95.916	.38230	.02602	.01086	-.02532	-.01005	6.95030	13.03100	15.01000	15.05300
97.988	196.040	-.38288	.02542	.01024	-.01691	-.00638	6.94830	13.00900	14.93800	15.04200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1722/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
149.710	195.850	1.01820	.02776	.01451	-.03787	-.01873	6.96050	13.05800	14.93900	15.00800
149.600	95.946	.64202	.02359	.00865	-.03495	-.01174	6.94340	13.04100	14.95000	14.93700
149.830	-4.151	.41795	.02957	.00965	-.03700	-.00811	6.94950	13.03100	14.98300	15.02400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1723/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.900	-4.259	.95012	.03091	.00856	-.04756	-.00860	6.94790	13.04600	15.00700	15.01700
204.370	95.764	.60907	.02342	.00398	-.04133	-.00831	6.93190	13.03700	15.09500	15.03900
200.320	196.220	.60761	.01342	.00138	-.03799	-.01226	6.91940	13.04200	15.00300	15.02700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR62) (28 JAN 77)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1258.5000 IN. XB
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YB
BREF =	1290.3000 INCHES	ZMRP =	.0000 IN. ZB
SCALE =	.0100		

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1724/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
99.791	-4.086	49.19400	.03526	.01090	-.02742	-.01546	6.95620	13.02100	14.99000	14.95300
99.943	95.892	49.18700	.03703	.00998	-.02569	-.01328	6.95500	13.01700	14.99100	15.02900
100.960	195.830	48.69000	.02885	.00700	-.02037	-.01028	6.94260	13.00200	15.02000	15.03700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR62) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	50.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1725/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.040	196.100	49.05700	.03254	.00807	-.03914	-.01295	6.94760	13.01800	15.00200	15.02700
149.870	95.791	49.00600	.03114	.00788	-.03517	-.01070	6.94630	13.01200	14.98200	14.99600
150.230	-4.027	48.95400	.03102	.00880	-.03645	-.01239	6.94840	13.01400	15.01500	14.91600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1726/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.020	-4.334	48.99500	.02699	.00848	-.04758	-.01123	6.94520	13.01600	14.98400	15.01800
200.110	95.666	49.03900	.02512	.00501	-.04543	-.00719	6.93550	13.01100	14.99200	15.00100
199.530	196.160	49.27500	.02023	.00206	-.04188	-.00688	6.92520	13.01400	14.98600	15.02900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR63) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1258.5000 IN. XB		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YB		
BREF = 1290.3000 INCHES	ZMRP = .0000 IN. ZB		
SCALE = .0100			

PARAMETRIC DATA

ALPHA =	15.000	BETA =	15.000
ALPHAB =	7.000	BETAB =	13.000
Y =	100.000	JET PC =	1225.000
MACH =	4.500		

RUN NO. 1727/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
100.090	-4.118	100.26000	.03933	.01095	-.04489	-.02185	6.95910	13.05400	14.99500	15.01700
100.140	96.092	100.31000	.03584	.00967	-.04548	-.01957	6.95370	13.05100	14.99600	15.02900
100.610	196.520	100.37000	.03177	.00492	-.04327	-.01862	6.93960	13.05100	15.01200	15.05200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1728/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
150.530	195.790	100.79000	.03865	.00831	-.04873	-.02267	6.95220	13.06500	15.01700	15.04700
150.190	96.279	100.55000	.03886	.00980	-.04973	-.02165	6.95600	13.06000	14.99100	14.97200
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA142, SRBS SEPARATING FROM O/ET,RGT SRB JET ON (LVTR63) (28 JAN 77)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1258.5000 IN. XB
LREF = 1290.3000 INCHES YMRP = .0000 IN. YB
BREF = 1290.3000 INCHES ZMRP = .0000 IN. ZB
SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 BETA = 15.000
ALPHAB = 7.000 BETAB = 13.000
Y = 100.000 JET PC = 1225.000
MACH = 4.500

RUN NO. 1729/ 0 RN/L = 1.51 GRADIENT INTERVAL = -5.00/ 5.00

Z	X	Y	CN	CLM	CY	CYN	ALPHAB	BETAB	ALPHA	BETA
200.680	-4.028	100.15000	.02891	.00860	-.05461	-.01886	6.94680	13.05000	15.00100	15.03200
200.770	95.888	100.66000	.02745	.00820	-.05753	-.02157	6.94500	13.06400	15.01900	15.03600
201.010	195.910	100.29000	.02743	.00696	-.05515	-.01955	6.94190	13.05400	15.02900	15.07300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000