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SPACE SHUTTLE

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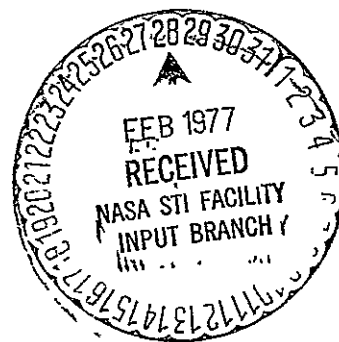
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RESULTS OF INVESTIGATIONS CONDUCTED IN THE

LaRC 8-FOOT TRANSONIC PRESSURE TUNNEL

USING THE 0.010-SCALE 72-OTS MODEL OF THE

SPACE SHUTTLE INTEGRATED VEHICLE (IA93)

by

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by

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ABSTRACT

This report documents the test procedures, history, and data from Wind Tunnel Test IA93, conducted in the NASA Langley Research Center's 8-foot Transonic Pressure Tunnel, May 10 through May 14, 1976.

Test IA93 was an aero-loads investigation on the updated configuration-5 space shuttle launch vehicle at Mach numbers from 0.600 to 1.205. Six-component vehicle forces and moments, base and sting-cavity pressures, elevon hinge moments, wing-root bending and torsion moments, and normal shear force data were obtained. Full simulation of updated vehicle protuberances and attach hardware was employed.

This test was one of a series of three (3) programs run consecutively: IA94A (UPWT leg #1), IA94B (UPWT leg #2), and IA93 (8' TPT).

Various elevon deflection angles were tested with two different forward orbiter-to-external-tank attach-strut configurations. The entire model 72-OTS was supported by means of a balance mounted in the orbiter through its base and suspended from a sting.

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ABSTRACT (Concluded)

This report consists of 2 volumes:

    Volume 1—plotted coefficient data;

    Volume 2—tabulated data.

The tabulated IA93 data comprises:

    (a) Raw wind tunnel data (RJJOXX, SJJOXX, TJJOXX data sets),

    (b) Interpolated Mach, alpha, and beta data (FJJOXX, IJJOXX, MJJOXX data sets, corrected for base cavity and base pressure effects),

    (c) Data from item (b) elevon interpolated (MJJAXX, MJJBXX data sets).

The plotted coefficient data presented in this report represents the elevon interpolated data (item (c)).

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B) C_Y, C_n(BODY), C_ℓ(BODY) VERSUS α

C) C_{N_W}, C_{B_W}, C_{T_W} VERSUS α

D) $C_{H_{E_I}}$, $C_{H_{E_O}}$ VERSUS α

NOMENCLATURE

Plot Symbol	Mnemonic	Definition
A		Total vehicle axial-force, lbs.
A_{BF}	ABF	Body flap planform area, ft^2
A_{B_O}	ABO	Orbiter base area, ft^2
A_{B_S}	ABS	SRB base area, ft^2
A_{B_T}	ABT	ET base area, ft^2
A_{C_O}	ACO	Orbiter sting-cavity area, ft^2
A_U		Uncorrected total vehicle axial-force, lbs.
BM_W		Bending moment at Y_{WRC}, in-lb.
BM_{W_1}		Bending moment at inboard wing-root bending gauge, in-lb.
BM_{W_2}		Bending moment at outboard wing-root bending gauge, in-lb.
b_W		Wing reference span, in.
C_A	CA	Total vehicle axial-force coefficient
C_{A_B}	CAB	Total vehicle base axial-force coefficient
$C_{A_{B_O}}$	CABO	Orbiter base axial-force coefficient
$C_{A_{B_S}}$	CABS	Solid rocket booster base axial-force coefficient
$C_{A_{B_T}}$	CABT	External tank base axial-force coefficient
C_{L_U}	CLU	Uncorrected total vehicle lift coefficient

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NOMENCLATURE (Continued)

Plot Symbol	Mnemonic	Definition
C_{A_F}	CAF	Total vehicle forebody axial-force coefficient
C_{D_U}	CDU	Uncorrected total vehicle drag coefficient
C_{A_U}	CAU	Uncorrected total vehicle axial-force coefficient
C_{B_W}	CBW	Wing-root bending-moment coefficient
$C_{H_{E_I}}$	CHEI	Inboard elevon hinge-moment coefficient
$C_{H_{E_O}}$	CHEO	Outboard elevon hinge-moment coefficient
$C_{H_{E_T}}$	CHET	Total elevon hinge-moment coefficient
C_m	CLM	Total vehicle pitching-moment coefficient
C_{m_B}	CLMB	Total vehicle base pitching-moment coefficient
$C_{m_{B_O}}$	CLMBO	Orbiter base pitching-moment coefficient
$C_{m_{BF}}$	CLMBF	Orbiter body flap upper surface pitching-moment coefficient
C_{m_F}	CLMF	Total vehicle forebody pitching-moment coefficient
C_{m_U}	CLMU	Uncorrected total vehicle pitching-moment coefficient
$C_n(\text{BODY})$	CYN	Total vehicle yawing-moment coefficient, body axis
C_N	CN	Total vehicle normal-force coefficient
C_{N_B}	CNB	Total vehicle base normal-force coefficient
$C_{N_{B_O}}$	CNBO	Orbiter base normal-force coefficient

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Plot Symbol	Mnemonic	Definition
$C_{N_{BF}}$	CNBF	Orbiter body flap upper surface normal-force coefficient
C_{N_F}	CNF	Total vehicle forebody normal-force coefficient
C_{N_U}	CNU	Uncorrected total vehicle normal-force coefficient
C_{N_W}	CNW	Normal-force coefficient for wing panel
$C_{P_{B_i}}$	CPBi	Base pressure coefficient at Station i (i = 1 to 8)
L/D_U	L/DU	Uncorrected total vehicle lift to drag ratio
$C_{P_{BF}}$	CPBF	Body flap surface-pressure coefficient
$C_{P_{B_O}}$	CPBO	Orbiter base-pressure coefficient
ℓ_{BF}	LBF	Longitudinal body flap transfer distance, in.
$C_{P_{B_S}}$	CPBS	SRB base-pressure coefficient
$C_{P_{B_T}}$	CPBT	ET base-pressure coefficient
$A_{B_{OMS}}$	ABOMS	OMS pod base area, ft^2
$C_{P_{C_j}}$	CPCj	Sting-cavity pressure coefficient at Station j
$C_{P_{C_O}}$	CPCO	Orbiter sting-cavity pressure coefficient
C_{T_W}	CTW	Wing-root torsion-moment coefficient
C_Y	CY	Total vehicle side-force coefficient
$C_\ell(BODY)$	CBL	Total vehicle rolling-moment coefficient, body axis

Plot Symbol	Mnemonic	Definition
$\bar{c}_W$	LREF	Mean wing reference chord, in.
$\bar{c}_E$	CE	Mean elevon reference chord, in.
D_1		Lateral distance from electrical center of inboard wing-root flexion gauge to wing-root flexion reference buttplane, Y_{WRC}, in.
D_2		Lateral distance from electrical center of outboard wing-root flexion gauge to wing-root flexion reference buttplane, Y_{WRC}, in.
ET		External tank
G_3		Longitudinal distance from electrical center of wing-root torsion gauge to wing-root torsion reference station, X_{WRC}, in.
h_{B_Z}	HBZ	Vertical transfer distance from orbiter base area centroid to MRP, in.
HM_{E_I}	HMEI	Inboard elevon hinge moment, in-lb.
HM_{E_O}	HMEO	Outboard elevon hinge moment, in-lb.
i_b	IB	Orbiter base average inclination angle, deg.
i_m		Incidence angle of orbiter fuselage reference plane with respect to the ET fuselage reference plane; varies with attach structure AT_{130}, deg.
ℓ		Total vehicle rolling-moment, in-lb.
ℓ_B	BREF	Body reference length, in.
ℓ_{B_X}	LBX	Longitudinal transfer distance from orbiter base area centroid to MRP, in.
m		Total vehicle pitching-moment, in-lb.
m_U		Uncorrected total vehicle pitching-moment, in-lb.
M	MACH	Tunnel freestream Mach number

NOMENCLATURE (Continued)

Plot Symbol	Mnemonic	Definition
n		Total vehicle yawing-moment, in-lb.
N		Total vehicle normal-force, lb.
N_U		Uncorrected total vehicle normal-force, lb.
N_W		Normal force on wing panel, lb.
P_{B_i}		Base pressure, psia.
P_{C_j}		Sting-cavity pressure, psia.
P_T	PT	Tunnel freestream total pressure, psia.
P_∞	P	Tunnel freestream static pressure, psia.
q	Q(PSF)	Tunnel freestream dynamic pressure, psfa.
Re/ft	RN/L	Tunnel freestream unit Reynolds number, per foot
S_E	SE	Elevon reference area, ft^2
S_W	SREF	Wing reference area, ft^2
SRB	SRB	Solid rocket booster
TM_W		Torsion moment at X_{WRC}, in-lb.
TM_{W3}		Torsion moment at wing-root torsion gauge, in-lb.
T_T	TT	Tunnel freestream total temperature, °R
T_∞	T	Tunnel freestream static temperature, °R
X_{BRC}		Balance moment reference center station, in.
X_{MRC}	XMRP	Vehicle reference center station, in.
X_0	XO	Orbiter longitudinal station, in.
X_s	XS	SRB longitudinal station, in.

NOMENCLATURE (Continued)

Plot Symbol	Mnemonic	Definition
X_T	XT	ET longitudinal station, in.
X_{WRC}		Wing-root torsion reference station, in.
Y		Total vehicle side-force, lb.
Y_{BRC}		Balance moment reference center buttplane, in.
Y_{MRC}	YMRP	Vehicle moment reference center buttplane, in.
Y_O	YO	Orbiter lateral coordinate, in.
Y_S	YS	SRB lateral coordinate, in.
Y_T	YT	ET lateral coordinate, in.
Y_{WRC}		Wing-root bending reference buttplane, in.
Z_{BRC}		Balance moment reference center waterplane, in.
Z_{MRC}	ZMRP	Vehicle moment reference center waterplane, in.
Z_O	ZO	Orbiter vertical coordinate, in.
Z_S	ZS	SRB vertical coordinate, in.
Z_T	ZT	ET vertical coordinate, in.
α	ALPHA	Model angle-of-attack, deg.
α_U		Uncorrected model angle-of-attack, deg.
β	BETA	Model angle-of-sideslip, deg.
β_U		Uncorrected model angle-of-sideslip, deg.
δ_{BF}	BDFLAP	Body flap setting, deg.
δ_{EI_L}	ELV-LI	Left-hand inboard elevon setting, deg.
$\delta_{EI_{L_U}}$	ELVIC	Unloaded left-hand inboard elevon setting, deg.

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NOMENCLATURE (Concluded)

Plot Symbol	Mnemonic	Definition
$\delta_{E_{I_R}}$	ELV-RI	Right-hand inboard elevon setting, deg.
$\delta_{E_{I_{R_U}}}$		Unloaded right-hand inboard elevon setting, deg.
$\delta_{E_{O_L}}$	ELV-LO	Left-hand outboard elevon setting, deg.
$\delta_{E_{O_{L_U}}}$	ELVOC	Unloaded left-hand outboard elevon setting, deg.
$\delta_{E_{O_R}}$	ELV-RO	Right-hand outboard elevon setting, deg.
$\delta_{E_{O_{R_U}}}$		Unloaded right-hand outboard elevon setting, deg.
δ_R	RUDDER	Rudder setting, deg.
δ_{SB}	SPDBRK	Speedbrake setting, deg.

SUBSCRIPTS

B	base
BF	body flap
C	cavity
E	elevon
F	forebody
I	inboard
L	left
O	Orbiter, outboard
R	right
S, s	SRB
SB	speedbrake
T	external tank, total
U	uncorrected
W	wing
∞	static

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REMARKS

This test program (also tests IA94A and IA94B) proceeded without difficulty, and practically all data were acceptable for analysis and presentation.

Again, as in the UPWT tests (IA94A and B), all main-balance force and moment data were excellent, along with base and sting-cavity pressure coefficients. Elevon hinge moments were obtained without problem, also. Wing-root bending-moments, torsional-moments, and normal-shear forces were corrected for thermal-drift effects following the test and additional calibrations.

Most notable in this transonic testing, however, were the effects of shock-reflection patterns on elevon hinge-moment data. Data recorded for Mach numbers between 0.96 and 1.15 have been carefully edited by Langley Research Center test engineering personnel to eliminate questionable data in this Mach-regime. Further investigations on all transonic integrated-vehicle data from previous tests, e.g., IA135-A, B, C at ARC 11' UPWT, have been carried out to determine sting effects on such data as a result of this test's output.

CONFIGURATIONS INVESTIGATED

The 72-OTS model used in this test was a 0.010-scale replica of the updated vehicle-5 launch configuration of the space shuttle without main propulsion system nozzle simulation. The configuration-140C wing was employed in place of the standard -140A/B wing for instrumentation purposes. Figure 2a shows the launch vehicle configuration. Figure 2b shows the orbiter configuration.

Full protuberance simulation on the external oxygen/hydrogen tank and the two solid rocket boosters was included, based primarily upon the B revision of Interface Control Document 2-00001. Figures 2c and 2d show the ET and SRB configurations.

The forward orbiter/external tank attach-hardware was designated AT_{130}. AT_{130} was a close simulation of the actual vehicle-5 fixtures.

Elevons were the only control surfaces deflected during the test. Rudder, speedbrake, and body flap were maintained at 0° settings. Control surface deflection sign convention is defined in Figure 1b.

The entire vehicle was suspended from a balance/sting assembly fitted into the orbiter fuselage through its base region, at all test conditions and configurations.

The model was tested with and without base pressure instrumentation manifolds and tubing installed. Figure 2e shows the base pressure tap locations.

The 140A/B orbiter model is designated as "O" in Table II and in

CONFIGURATIONS INVESTIGATED (Continued)

the data. It was constructed with the following components:

Component	Description
O	140A/B/C orbiter
B_{26}	Orbiter fuselage
C_9	Canopy
E_{52}	Elevons
F_{10}	Body flap
M_{16}	OMS pods
N_{89}	OMS nozzles
R_5	Rudder
V_8	Vertical tail
W_{127}	Wing

The modified vehicle-5 external tank model, designated as "T", was comprised of the following components:

Component	Description
AT_{28}	Attach structure
AT_{30}	Attach structure
AT_{31}	Attach structure
AT_{131}	Attach structure
FL_{10}	LH_2 feedline
FL_{11}	LO_2 feedline
FR_{10}	Fairing
PT_{23}	LO_2 recirculation line

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Component	Description
PT_{25}	Aft electrical line
PT_{26}	LO_2 pressure line
PT_{29}	Forward electrical conduit
PT_{33}	LH_2 pressure line
PT_{39}	ET nose probe
T_{35}	Modified Vehicle-5 external tank fuselage

The modified vehicle-5 solid rocket booster model, designated "S", consisted of the following components:

Component	Description
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
N_{106}	SRB nozzles
PS_{20}	Electrical tunnel
PS_{23}	Forward separation motors
PS_{26}	Aft attach ring, SRB
PS_{27}	SRM nozzle actuator struts
PS_{28}	Aft separation motor fairing
PS_{29}	Tiedown struts

CONFIGURATIONS INVESTIGATED (Concluded)

Component   Description

PS_{30} APV exhaust outlets

PS_{31} Command antennae

PS_{32} Data capsule and camera

PS_{33} 3 intermediate structural rings

PS_{34} Aft cable housing

PS_{35} Aft structural ring

PS_{36} Aft separation motors

S_{24} Modified vehicle-5 solid rocket booster fuselage

Also tested was:

AT_{130} Forward O/T attach structure.

Detailed model dimensional data are given in Table III. Figure 2 presents sketches of the model. Figure 3 presents a photograph of the model.

INSTRUMENTATION

The 72-OTS model employed during this test program was outfitted for measurement of left-hand inboard and outboard elevon hinge moments, right-hand wing-root bending and torsion moments and shear force, total-vehicle six-component forces and moments, and base and sting-cavity pressures.

Standard strain-gauge beam instrumentation was used for the elevon and wing-panel data. The LRC #840 1.435-inch balance, installed in the orbiter, was employed for total-vehicle forces and moments. Separate differential pressure transducers were used to measure the eight (8) base and sting-cavity pressures, distributed on the Orbiter, External Tank, and left-hand Solid Rocket Booster.

Figure 2e shows the base pressure tap locations.

TEST FACILITY DESCRIPTION

NASA/Langley Research Center 8-Foot Transonic Pressure Tunnel is an
air-medium facility capable of attaining continuously variable Mach
numbers from 0.20 to 1.30. It is a single-return, closed-circuit tunnel
having controlled stagnation temperature, total pressure and dew-point
temperature. The test section is 7.1 feet square. Reynolds numbers are
variable from 0.30×10^6/foot to 7.00×10^6/foot, depending on Mach
number and tunnel total-pressure limitations. Models are supported in
the test section by a sting-sector system, but wall-mounting is possible.
Schlieren photography is available for flow and shock-wave studies.

DATA REDUCTION

Model force and pressure data were reduced to coefficient form in both the body axis and stability-axis systems. Standard NASA/LaRC wind tunnel methods were used as required to maintain compatibility with the Chrysler Corporation/DATAMAN format. A final data-tape was submitted to DATAMAN after test completion.

Body-axis data were corrected for base, cavity, and surface-pressure effects, as follows:

1) $\quad C_{A_F} = C_{A_U} - C_{A_{B_O}} - C_{A_{B_T}} - 2C_{A_{B_S}}$

where

$$C_{A_{B_O}} = -C_{P_{B_O}} \left(\frac{A_{B_O}}{S_W}\right) - C_{P_{C_O}} \left(\frac{A_{C_O}}{S_W}\right)$$

$$C_{A_{B_T}} = -C_{P_{B_T}} \left(\frac{A_{B_T}}{S_W}\right)$$

$$C_{A_{B_S}} = -C_{P_{B_S}} \left(\frac{A_{B_S}}{S_W}\right)$$

2) $\quad C_{N_F} = C_N - C_{N_{B_O}} - C_{N_{BF}}$

where

$$C_{P_{B2}} = C_{P_{BF}}$$

$$C_{N_{BF}} = -C_{P_{B2}} \left(\frac{A_{BF}}{S_W}\right)$$

$$C_{N_{B_O}} = -C_{P_{B_O}} \left(\frac{A_{B_O} - A_{B_{OMS}}}{S_W}\right) \tan i_B - C_{P_{C_O}} \left(\frac{A_{C_O}}{S_W}\right) \tan i_B$$

3) $\quad C_{m_F} = C_m + C_{m_{B_O}} + C_{m_{BF}}$

where

$$C_{m_{B_O}} = C_{N_{B_O}} \left(\frac{\ell_{B_X}}{\ell_B}\right) - C_{A_{B_O}}\left(\frac{h_{B_Z}}{\ell_B}\right)$$

$$C_{m_{BF}} = C_{N_{BF}} \left(\frac{\ell_{BF}}{\ell_B}\right)$$

Inboard and outboard elevon panel hinge-moment coefficients were computed as follows:

$$C_{H_{E_I}} = \frac{HM_{E_I}}{q S_E \bar{c}_E}$$

$$C_{H_{E_O}} = \frac{HM_{E_O}}{q S_E \bar{c}_E}$$

Right-wing exposed-panel bending and torsional moments, bending and torsional moment coefficients, and normal force were computed as follows:

$$N_W = \frac{\left(BM_{W_1} - BM_{W_2}\right)}{\left(D_1 - D_2\right)}$$

$$TM_W = TM_{W_3} + N_W G_3$$

$$BM_W = \frac{BM_{W_1} + BM_{W_2} - N_W\left(D_1 + D_2\right)}{2}$$

$$C_{N_W} = \frac{N_W}{q S_W}$$

$$C_{B_W} = \frac{BM_W}{q S_W\, b_W}$$

$$C_{T_W} = \frac{TM_W}{q S_W\, \bar{c}_W}$$

Left-hand inboard and outboard elevon deflection angles were corrected for elevon-deflection-due-to-load as follows:

$$\delta_{E_{I_L}} = \delta_{E_{I_{L_U}}} + HM_{E_I}\left(\delta_{E_{I_L}}\Big/HM_{E_I}\right)$$

$$\delta_{E_{O_L}} = \delta_{E_{O_{L_U}}} + HM_{E_O}\left(\delta_{E_{O_L}}\Big/HM_{E_O}\right)$$

where:

$$\left(\delta_{E_{I_L}} / HM_{E_I} \right) = \text{deg/in-lb calibration of the inboard elevon hinge-moment beam}$$

$$\left(\delta_{E_{O_L}} / HM_{E_O} \right) = \text{deg/in-lb calibration of the outboard elevon hinge-moment beam}$$

Elevon deflection angles, measured with no hinge-moment acting on them, differed from nominal values as follows:

NOMINAL δ_E, deg.	ACTUAL MEASURED δ_E, DEG.			
	LEFT OUTBOARD SURFACE	LEFT INBOARD SURFACE	RIGHT INBOARD SURFACE	RIGHT OUTBOARD SURFACE
-10	-9.537	--	--	-9.604
-5	-4.720	--	--	-4.027
0	0.000	0.000	0.000	0.000
2	3.647	--	--	1.982
4	5.039	--	--	3.969
8	--	7.665	7.385	--
9	10.436	--	--	9.905
10	--	10.203	9.110	--
12	--	12.081	10.999	--
14	15.778	--	--	14.467

Positions in the above array where values are not given represent deflection angles not used in this test.

The following reference dimensions and constants were used for data reduction (lengths are given in inches, areas in square feet, and angles in degrees):

Symbol	Model Scale	Full Scale
A_{BF}	0.0143	142.60
A_{B_0}	0.0270	269.70
$A_{B_{OMS}}$	0.0123	122.60
A_{B_S}	0.0236	236.46
A_{B_T}	0.0605	604.80
A_{C_0}	0.0167	167.00
b_W	9.367	936.680
$\bar{c}_E$	0.907	90.700
$\bar{c}_W$	4.748	474.800
D_1	$-$ .3272	--
D_2	$-$ .8185	--
G_3	+1.1700	--
h_{B_Z}	3.365	336.500
i_B	14.750	14.750
$i_{m_{AT_{130}}}$	.133	.133
ℓ_B	12.903	1290.300
ℓ_{BF}	13.297	1329.70
ℓ_{B_X}	12.630	1263.00
S_E	0.0210	210.00

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DATA REDUCTION (Continued)

Symbol	Model Scale	Full Scale
S_W	0.2690	2690.00
X_{BRC}	18.177	1817.700
X_{MRC}	9.760	976.000
X_{WRC}	20.480	2048.000
Y_{BRC}	0.000	0.000
Y_{MRC}	0.000	0.000
Y_{WRC}	1.050	105.000
Z_{BRC}	7.265	726.500
Z_{MRC}	4.000	400.000
$\left(\delta_{E_{I_L}}/HM_{E_I}\right)$	0.47513°/in–lb(+HM) 0.20625°/in–lb(–HM)	-- --
$\left(\delta_{E_{O_L}}/HM_{E_O}\right)$	0.36667°/in–lb(+HM) 0.18333°/in–lb(–HM)	-- --

The wind tunnel coefficient data presented in this report have been corrected for base cavity and base pressure effects. These data have also been interpolated versus Mach number, angle-of-attack, and angle-of-sideslip. Data sets 1 and 60 could not be interpolated versus these variables and therefore these interpolated data sets are not presented in this report.

The following coefficients were requested for additional interpolation versus elevon deflection angles (ELV-LI, ELV-LO), to the nominal values (see Table II):

DATA REDUCTION (Concluded)

INPUT DATA SETS		COEFFICIENTS				
FJJOXX	CNW	CBW	CTW			
IJJOXX	CABO	CABT	CABS	CAF	CNF	CLMF
MJJOXX	CYN	CBL	CY	CHEI	CHEO	ELV-LI	ELV-LO

These coefficients data were combined to form the following data sets:

OUTPUT DATA SETS			COEFFICIENTS						
MJJAXX	CNW	CBW	CTW	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
MJJBXX	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	ELV-LI	CHEO	ELV-LO

Data sets 63-71 and data at Mach 0.6 could not be elevon interpolated due to limited data. Also, due to data limitations, data sets 12-16 (Mach numbers 1.15 and 1.205), could not be elevon interpolated.

TABLE I.

TEST : IA93			DATE : 6/7/76

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)		DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.600	3.16×10^6/FT		2.90	120
↓	4.48		4.12	
0.900	3.97		4.93	
0.960	4.04		5.24	
0.975	2.04		2.66	
	4.09		5.32	
↓	4.81		6.28	
0.980	4.11		5.34	
0.990	4.13		5.39	
1.050	4.19		5.65	
1.120	4.23		5.89	
1.150	4.26	↓	5.98	
1.205	4.31		6.12	↓

BALANCE UTILIZED: LRC #840

	CAPACITY:	ACCURACY	COEFFICIENT TOLERANCE:
NF	800 lb		
SF	250 lb		
AF	125 lb		
PM	1600 in-lb		
RM	500 in-lb		
YM	500 in-lb		

COMMENTS.

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TABLE II.

| TEST: IA93 (LaRC 8' TPT 749) | | DATA SET/RUN NUMBER COLLATION SUMMARY | | | | DATE: 9/30/76 |

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										
		α	β	δ_{EI}	$\delta_{E\phi}$				0.6	0.9	0.975	1.15	1.205						
(RSBT) JJ001	ØTS + AT130	A	0	10	9			1	1										
02			-6					5	4	11	16	27	30						
03			-4					5	3	10	15	26	29						
04			0					5	2	7	12	23	28						
05			4					5	5	8	13	24	31						
06			6		↓			5	6	9	14	25	32						
07	.		-6		4			5	55	35	40	50	45						
08			-4					5	54	34	39	49	44						
09			0					5	53	33	38	48	43						
10			4					5	56	36	41	51	46						
11			6		↓			5	57	37	42	52	47						
12			-6		14			5	80	75	65	70	60						
13			-4					5	79	74	64	69	59						
14			0					5	78	73	63	68	58						
15			4					5	81	76	66	71	61						
↓ 16	↓	↓	6	↓	↓			5	82	77	67	72	62						

TEST RUN NUMBERS

®	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPC∅	CAU	BETA	MACH	ALPHA	10
ⓈＳ	CYN	CBL	CY	CLMU	CHEI	CHE∅	Q(PSF)	BETA	CNU		MACH	ALPHA	9
Ⓣ	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW			MACH	ALPHA	8

TYPE OF DATA
α OR β
SCHEDULES

A) $\alpha = -8°, -6°, -4°, -2°, 0°, 2°, 4°$ COEFFICIENT SCHEDULES

IDVAR (1)   IDVAR (2)   NDV

TABLE II. (Continued)

TEST: IA93 (LaRC 8'TPT 749)	DATA SET/RUN NUMBER COLLATION SUMMARY	DATE: 9/30/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{EI}	$\delta_{E\phi}$			NO. OF RUNS	0.6	0.9	0.975	1.15	1.205							
③JJ017	∅TS+AT130	A	-6	10	-5			2				90	85							
18			-4					2				89	84							
19			0					2				88	83							
20			4					2				91	86							
21			6	↓				2				92	87							
22			-6	12				2				100	95							
23			-4					2				99	94							
24			0					2				98	93							
25			4					2				101	96							
26			6		↓			2				102	97							
27			-6		4			4		120	115	110	105							
28			-4					4		119	114	109	104							
29			0					4		118	113	108	103							
30			4					4		121	116	111	106							
↓ 31	↓	↓	6	↓	↓			4		122	117	112	107							

TEST RUN NUMBERS

TYPE OF DATA α OR β SCHEDULES

COEFFICIENT SCHEDULES

IDVAR (1) IDVAR (2) NDV

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TABLE II.   (Continued)

TEST : $\mathcal{I}$A93(Laec 8' TPT 749)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 9/30/76

DATA SET IDENTIFIER	CONFIGURATION		SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										
			α	β	δ_{EI}	δ_{SE}				0.6	0.9	0.975	1.15	1.205						
(3/7) JJO 32	ØTS + AT 130		A	-6	12	9			5	145	140	135	130	125						
33				-4					5	144	139	134	129	124						
34				0					5	143	138	133	128	123						
35				4					5	146	141	136	131	126						
36				6		↓			5	147	142	137	132	127						
37				-6		14			2		155	150								
38				-4					2		154	149								
39				0					2		153	148								
40				4					2		156	151								
41				6	↓				2		157	152								
42				-6	8				2		165	160								
43				-4					2		164	159								
44				0					2		163	158								
45				4					2		166	161								
↓ 46	↓		↓	6	↓	↓			2		167	162								

TEST RUN NUMBERS

TYPE OF DATA α OR β SCHEDULES	COEFFICIENT SCHEDULES	IDVAR (1) IDVAR (2) NDV

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TABLE II. (Continued)

TEST : JA93 (LaRC 8' TPB 749) — **DATA SET/RUN NUMBER COLLATION SUMMARY** — **DATE : 9/30/76**

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{EI}	$\delta_{E\phi}$			NO. OF RUNS	0.6	0.9	0.925	1.15	1.205					
(RS) JJ047	ØTS + AT130	A	-6	8	4			4		185	180	175	170					
48			-4					4		184	179	174	169					
49			0					4		183	178	173	168					
50			4					4		186	181	176	171					
51			6		↓			4		187	182	177	172					
52			-6		-5			2				195	190					
53			-4					2				194	189					
54			0					2				193	188					
55			4					2				196	191					
56			6		↓			2				197	192					
57			-6		9			5	217	200	212	206	222					
58			-4					5	216	199	211	205	221					
59			0					5	215	198	210	204	220					
60			0					2		201		207						
61			4					5	218	202	213	208	223					
62	↓	↓	6	↓	↓			5	219	203	214	209	224					

MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)

TEST RUN NUMBERS

TYPE OF DATA α OR β SCHEDULES	COEFFICIENT SCHEDULES	IDVAR (1) IDVAR (2) NDV

NASA

D45 033

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TABLE II. (Concluded)

TEST: IA93(LaRC 8' TPT 749)   DATA SET/RUN NUMBER COLLATION SUMMARY   DATE: 9/30/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{EI}	PARAMETERS/VALUES δ_{E4}			NO. OF RUNS	0.6	0.9	0.975	1.15	1.205
(RS) JJ0 63	∅TS+AT130+TS1	A	-6	10	9			3			249	247	245
64	↓		0					3			248	246	244
65	∅TS+AT130+TS1-TUBES		-6					3			255	253	251
66	↓		0					3			254	252	250
67	∅TS+AT130+TS2		-6					1			241		
68			0					1			240		
69			6					1			229		
70			-6					1			243		
71	↓		0	↓	↓			1			242		

MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)

TEST RUN NUMBERS

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TYPE OF DATA
α OR β
SCHEDULES

COEFFICIENT SCHEDULES

IDVAR (1)   IDVAR (2)   NDV

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: in.

			FULL SCALE	MODEL SCALE
Member #1	X_O		1317.00	13.170
	Y_O		- 96.50 (LH)	- 0.965
			96.50 (RH)	0.965
	Z_O		267.50	2.675
	X_T		2058.0	20.580
	Y_T		- 96.50 (LH)	- 0.965
			96.50 (RH)	0.965
	Z_T		515.50	5.155
Member #2	X_O		1317.0	13.170
	Y_O		- 96.50 (LH)	- 0.965
			96.50 (RH)	0.965
	Z_O		267.50	2.675
	X_T		1872.0	18.720
	Y_T		- 125.68 (LH)	- 1.257
			125.68 (RH	1.257
	Z_T		504.5	5.045
Diameter, In.				
	#1		11.5	0.115
	#2		15.5	0.155

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TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ATTACH STRUCTURE - AT_{30}

GENERAL DESCRIPTION: Forward SRB to ET attach structure (left-hand and right-hand)

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000066, Martin-Marietta 82600204300, VC78-000002

DIMENSIONS:		FULL SCALE	MODEL SCALE
Attach point, in.	X_T	985.675	9.856
	Y_T	- 172.50 (LH) + 172.50 (RH)	- 1.725 + 1.725
	Z_T	0.0	0.0
	X_S	442.675	4.427
	Y_S	80.0	0.800
	Z_S	0.0	0.0
	X_0	244.675	2.447
	Y_0	- 184.5 + 184.5	- 1.845 + 1.845
	Z_0	0.0	0.0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ATTACH STRUCTURE – AT_{31}

GENERAL DESCRIPTION: Rear ET to SRB attach structure (LH and RH), 3

members

MODEL SCALE: 0.010

DRAWING NUMBER: VL78-000063, VL78-000062B, VL78-000066, VC78-000002

DIMENSIONS: in.

		FULL SCALE		MODEL SCALE
Member #1	X_T	2058.00		20.580
	Y_T	– 171.50	(LH)	– 1.715
		171.50	(RH)	1.715
	Z_T	457.00		4.570
	X_S	1511.0		15.110
	Y_S	53.24		0.532
	Z_S	57.0		0.570
Member #2	X_T	2058.0		20.580
	X_T	– 163.85		– 1.639
	Z_T	449.81		4.498
	X_S	1511.0		15.110
	Y_S	76.56		0.766
	Z_S	15.73		0.157
Member #3	X_T	2058.00		20.580
	X_T	– 161.72		– 1.617
	Z_T	343.0		3.430
	X_S	1511.0		15.110
	Y_S	53.24		0.532
	Z_S	– 57.00		– 0.570

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:		FULL SCALE		MODEL SCALE
Orbiter attach point:	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

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TABLE III.   MODEL DIMENSIONAL DATA (Continued)

Component	Definition
AT_{131}	Rear Orbiter/External Tank attach structure per ICD-2-00001, Rev. B, model dwg. SS-A01668-3. This attach structure is a connecting link between R. H. AT_{28} and External Tank.

Located at:

Model Scale-In.	Full Scale-In.
$X_T = 20.580$	$X_T = 2058.00$

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY - B_{26}

GENERAL DESCRIPTION: Configuration 140A/B orbiter fuselage

NOTE: B_{26} is identical to B_{24} except underside of fuselage has been refaired to accept W_{116}.

MODEL SCALE: 0.010   MODEL DRAWING: SS-A00147, Release 12

DRAWING NUMBER: VL70-000143B, -000200, -000205, -006089. -000145
VL70-000140A, -000140B

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (OML: Fwd Sta. X_0 = 235), In.	1293.3	12.933
Length (IML: Fwd Sta. X_0 = 238), In.	1290.3	12.903
Max Width (@ X_0 = 1528.3), In.	264.0	2.640
Max Depth (@ X_0 = 1464), In.	250.0	2.500
Fineness Ratio	0.264	0.264
Area - Ft^2		
Max. Cross-Sectional	340.88	0.034

TABLE III.   MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C_9

GENERAL DESCRIPTION: Configuration 3A.   Canopy used with fuselage B_{26}.

MODEL SCALE: 0.0100   MODEL DRAWING: SS-A00147, Release 12

DRAWING NUMBER: VL70-000143A

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_0 = 434.643 to 578), In.	143.357	1.434
Max Width (@ X_0 = 513.127), In.	152.412	1.524
Max Depth (@ X_0 = 485.0), In.	25.000	0.250

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON, E_{52}

GENERAL DESCRIPTION: Elevon for Configuration 140C   Hingeline at

X_o = 1387. elevon split line X_c = 312.5, 6.0" gaps. beveled edges,

and centerbodies.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, -006089, -006092, SS-A0137

DIMENSIONS: (Data for one side)	FULL SCALE	MODEL SCALE
Area - Ft^2	210.0	0.0210
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	0.0	0.0
Trailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Normal to hinge line)$-\text{ft}^3$	1587.25	.001587
Mean Aerodynamic Chord, In.	90.7	0.907
Hingeline dihedral (origin at Z_o = 261.3509), deg.	5.228986	5.228986

TABLE III.   MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP - F_{10}

GENERAL DESCRIPTION: Configuration 140C body flap. Hingeline located

at X_0 = 1532, Z_0 = 287.

MODEL SCALE: 0.010

DRAWING NUMBER: VL70-000140C, VL70-355114

DIMENSIONS: <u>FULL SCALE</u>   <u>MODEL SCALE</u>

    Length (X_0 = 1525.5 - X_0 = 1613), In.   87.50   0.875

    Max Width (@ L.E., X_0 = 1525.5), In.   256.00   2.560

    Max Depth (X_0 = 1532), In.   19.798   0.198

    Fineness Ratio

    Area - Ft^2

        Max. Cross-Sectional (@ H.L.)   35.196   0.0035

        Planform   135.00   0.014

        Wetted

        Base (X_0 = 1613), $In.^2$ 4.89   0.0005

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: in.		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
Tailing 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: in.		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1000.667	10.007
	Y_T	70.00	0.700
	Z_T	564.340	5.643
Trailing edge at:	X_T	2071.5	20.715
	Y_T	70.00	0.700
	Z_T	573.934	5.739
Line diameter (17.0 I.D.)		18.16	0.182

Centerline of line located radially at $\phi = 203°4'$.

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, In.	.	193.0	1.930
Width, In.		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,In.	X_T = 349.00—371.00,In.
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,In.	X_T = 341.30—371.00,In.

FR_{16} External Tank LO_2 feedline (F_{11}) fairing per model dwg. SS-A01668-3 located at:

Model Scale	Full Scale
X_T = 9.820—10.420,In.	X_T = 982.00—1042.00,In.

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,In. X_T = 986.00→1046.00,In.

                                             ϕ = 33°45' ϕ = 33°45'

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,In. X_T = 1067.00→1082.00,In.

                                             ϕ = 37°30' ϕ = 37°30'

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,In. X_T = 1060.00→1126.90,In.

                                             ϕ = 30°0' ϕ = 30°0'

TABLE III. MODEL DIMENSIONAL DATA(Continued)

MODEL COMPONENT: OMS POD - M_{16}

GENERAL DESCRIPTION: Configuration 140C 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_0 = 1310.5), In.	258.50	2.585
Max Width (@ X_0 = 1511), In.	136.8	1.368
Max Depth (@ X_0 = 1511),In.	74.70	0.747
Fineness Ratio	2.484	2.484
Area - Ft^2		
Max. Cross-Sectional	58.864	0.0059

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition

N_{89}

Orbiter OMS nozzles located on OMS pods M_{16} per model dwg. SS-A01317-2.

N_{106}

Solid Rocket Booster nozzle located on SRB S_{24} per model dwg. SS-A01667-8. Located at:

Model Scale   Full Scale

X_s = 18.371→19.306, In. X_s = 1837.10→1930.60, In.

Dia. = 1.479, In.   Dia. = 147.85, In.

PS_{20}

Solid Rocket Booster electrical conduit per model dwg. SS-A01667-12. Located at:

Model Scale   Full Scale

X_s = 4.424→18.577, In. X_s = 442.40→1857.70, In.

ϕ = 90° LH ϕ = 90° RH

      180° LH   180° LH

PS_{23}

Solid Rocket Booster forward separation motors per model dwg. SS-A01667-42.

Model Scale   Full Scale

X_s = 2.854 and 2.973, In. X_s = 285.40 and 297.30, In.

ϕ = 20°RH ϕ = 20°RH

      340°LH   340°LH

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT : _SRB Protuberance – PS_{27}_

GENERAL DESCRIPTION · _SRM nozzle actuator struts (2)_

MODEL SCALE: 0.010

DRAWING NUMBER . _ICD-2-00001, Rev. B; SS-A01667, Rev. C_

DIMENSIONS : inches	FULL SCALE	MODEL SCALE
Length	21.25	0.213
Width	3.0	0.030
Height/Depth	4.890	0.049
L. E. Location	1839.137	18.391
T. E. Location	1860.387	18.604
ϕ, Degrees	45	45
	135	135

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition
PS_{26}	Solid Rocket Booster aft attach ring per model dwg. SS-A01667-4 located at:

Model Scale   Full Scale

$X_S = 15.110$, In. $X_S = 1511.00$, In.

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 $\phi = 0 \rightarrow 36°$ RH

                     $324° \rightarrow 360°$ LH .

PS_{29} — Solid Rocket Booster tiedown struts located on SRB skirt per model dwg. SS-A01667-30, located at:

Model Scale   Full Scale

$X_S = 18.603 \rightarrow 19.306$, In. $X_S = 1860.30 \rightarrow 1930.60$, In.
$\phi = 30°, 150°, 210°, 330°$ $\phi = 30°, 150°, 210°, 330°$

PS_{30} — Solid Rocket Booster auxiliary power unit exhaust outlets per model dwg. SS-A01667-36, located at:

Model Scale   Full Scale

$X_S = 19.306$, In. $X_S = 1930.60$, In.
$\phi = 30°30'$ RH $\phi = 30°30'$ RH
$= 329°30'$ LH $= 329°30'$ LH

TABLE III.   MODEL DIMENSIONAL DATA (Continued)

Component	Definition

Component   **Definition**

PS$_{31}$

Solid Rocket Booster command antenna per
model dwg. SS-A01667-28, located at:

Model Scale	Full Scale

$X_s = 4.026 \rightarrow 4.526$, In. $X_s = 402.60 \rightarrow 452.60$, In.

$\phi = 0^\circ$ & 180° $\phi = 0^\circ$ & 180°

PS$_{32}$

Solid Rocket Booster data capsule and
camera per model dwg. SS-A01667-26, located
at:

Model Scale	Full Scale

$X_s = 4.017 \rightarrow 4.402$, In. $X_s = 401.70 \rightarrow 440.20$, In.

$\phi = 90^\circ$ RH $\phi = 90^\circ$ RH

$= 270^\circ$ LH $= 270^\circ$ LH

PS$_{33}$

Solid Rocket Booster 3 intermediate struc-
tural rings per model dwg. SS-A01667-8,
located at:

Model Scale	Full Scale

$X_s = 16.559$, In. $X_s = 1655.90$, In.

$= 17.319$ $= 1731.90$

$= 17.760$ $= 1776.00$

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TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component   Definition

PS$_{34}$ Solid Rocket Booster aft cable housing
                                   per model dwg. SS-A01667-12, located at:

                                   Model Scale   Full Scale

                                   $X_s = 4.726 \rightarrow 18.554$,In. $X_s = 472.60 \rightarrow 1855.40$, In.

                                   $\phi = 90^\circ$ RH $\phi = 90^\circ$ RH

                                   $= 180^\circ$ LH $= 180^\circ$ LH

PS$_{35}$ Solid Rocket Booster aft structural ring
                                   per model dwg. SS-A01667-8, located at:

                                   Model Scale   Full Scale

                                   $X_s = 18.371$, In. $X_s = 1837.10$, In.

PS$_{36}$ Solid Rocket Booster aft separation motors
                                   located on aft SRB skirts per model dwg.
                                   SS-A01667-38. Located aft of SRB rear
                                   structural ring at $\phi = 0 \rightarrow 36^\circ$ RH
                                                                $= 324^\circ \rightarrow 360^\circ$ LH .

49

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: in.		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, In.		4.0	0.040

Centerline of line located radially at $\phi = 213°45'$.

50

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELECTRICAL LINE - PT_{25}

GENERAL DESCRIPTION: Right-hand aft electrical conduit line on T_{35} with LH_2 pressure sensor line and LO_2 vent valve actuator line.

MODEL SCALE: 0.010

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

DIMENSIONS: in.		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1084.333	10.843
	Y_T	99.591	0.996
	Z_T	539.620	5.396
Trailing edge at:	X_T	2058.00	20.580
	Y_T	99.591	0.996
	Z_T	539.620	5.396
Line diameter		2.0 x 6.0	0.02x0.06

Centerline of line located radially at $\phi = 215.5°$.

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: in.		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 $\phi = 207°$.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

Component	Definition

Component   Definition

PT_{29}

External Tank fwd. electrical conduit per model dwg. SS-A01667-6. Located at:

Model Scale   Full Scale

$X_T = 3.607 \rightarrow 8.600$, In. $X_T = 360.73 \rightarrow 860.00$, In.

$\emptyset$ = Adjacent to PT_{26} $\emptyset$ = Adjacent to PT_{26}

PT_{33}

External Tank LH_2 pressure line per model dwg. SS-A01668-9. Located at:

Model Scale   Full Scale

$X_T = 10.600 \rightarrow 20.580$, In. $X_T = 1060.00 \rightarrow 2058.00$, In.

$\emptyset$ = 330°0' $\emptyset$ = 330°0'

PT_{39}

External Tank nose probe per model dwg. SS-A01668-5. Located at:

Model Scale   Full Scale

$X_T = 3.225 \rightarrow 3.413$, In. $X_T = 322.5 \rightarrow 341.3$, In.

Max. Dia. = .069 in.   Max. Dia. = 6.90 in.

53

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, VL70-000095

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area - Ft^2	100.15	0.010
Span (equivalent), In.	201.0	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		
Trailing edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of Area and $\bar{c}$)Ft^3	610.92	0.0006
Mean Aerodynamic Chord, In.	73.2	0.732

TABLE III. MODEL DIMENSIONAL DATA (Continued)

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

GENERAL DESCRIPTION: Booster Solid Rocket - Modified Vehicle-5, per
ICD-2-00001, Rev. B

DRAWING NUMBER: SS-A01690, SS-A01667

SCALE: 0.010

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	4.000
FS of BSRM Nose (X_T) - in.	200.00	2.000

TABLE III.   MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: EXTERNAL TANK T_{35}

GENERAL DESCRIPTION: Spike nose configuration, updated Vehicle-5

(Dimensions are to tank structural OML, TPS included.).

MODEL SCALE: 0.010

DRAWING NUMBER: VC78-000002A, ICD-2-00001, Rev. B, VC72-000002E

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In.	1852.500	18.525
Max Width, In.	336.000	3.360
Max Depth, In.	336.000	3.360
Fineness Ratio	5.513	5.513
Area - Ft^2		
Max. Cross-Sectional	615.752	.06158
Planform	--	--
Wetted	--	--
Base	604.806	.06048

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TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 140A/B orbiter vertical tail

MODEL SCALE: 0.010   MODEL DRAWING: SS-A00148, Release 6

DRAWING NUMBER: VL70-000146A

DIMENSIONS: TOTAL DATA	FULL SCALE	MODEL SCALE
Area (Theo) - Ft^2		
Planform	413.253	0.041
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	45.00	45.00
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	0.0	0.0
Airfoil Section		
Leading Wedge Angle - Deg.	10.0	10.0
Trailing Wedge Angle - Deg.	14.920	14.920
Leading Edge Radius	2.00	0.020
Void Area	13.17	0.001
Blanketed Area	0.0	0.0

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: WING-W_{127}

GENERAL DESCRIPTION: Configuration 140C, orbiter wing, MCR 200-R4, similar to 140A/B wing W_{116} but with refinements: improved wing-boot-midbody fairing ($X_0 = 940$ to $X_0 = 1040$); elevon split line relocated from $Y_0 = 281$ to $Y_0 = 312.5$. MODEL SCALE:0.010 DWG.NO: VL70-000140C,-000200B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	0.2690
Span (Theo) In.	936.68	9.3668
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.O.O.	689.24	6.892
Tip (Theo) B.P.	137.85	1.379
MAC	474.81	4.748
Fus. Sta. of .25 MAC	1136.83	11.368
W.P. of .25 MAC	290.58	2.906
B.L. of .25 MAC	182.13	1.821
EXPOSED DATA		
Area (Theo) Ft^2	1751.50	0.1752
Span (Theo) In. BP108	720.68	7.207
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	5.621
Tip 1.00 b/2	137.85	1.379
MAC	392.83	3.928
Fus. Sta. of .25 MAC	1185.98	11.860
W.P. of .25 MAC	294.30	2.943
B.L. of .25 MAC	251.77	2.518
Airfoil Section (Rockwell Mod NASA)XXXX-64		
Root b/2	0.113	0.113
Tip b/2	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area Ft^2	113.18	0.01132
Leading Edge Intersects Fus M.L. @ Sta	500.00	5.000
Leading Edge Intersects Wing @ Sta	1024.00	10.240

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows

2. For clarity, origins of wind and stability axes have been displaced from the center of gravity
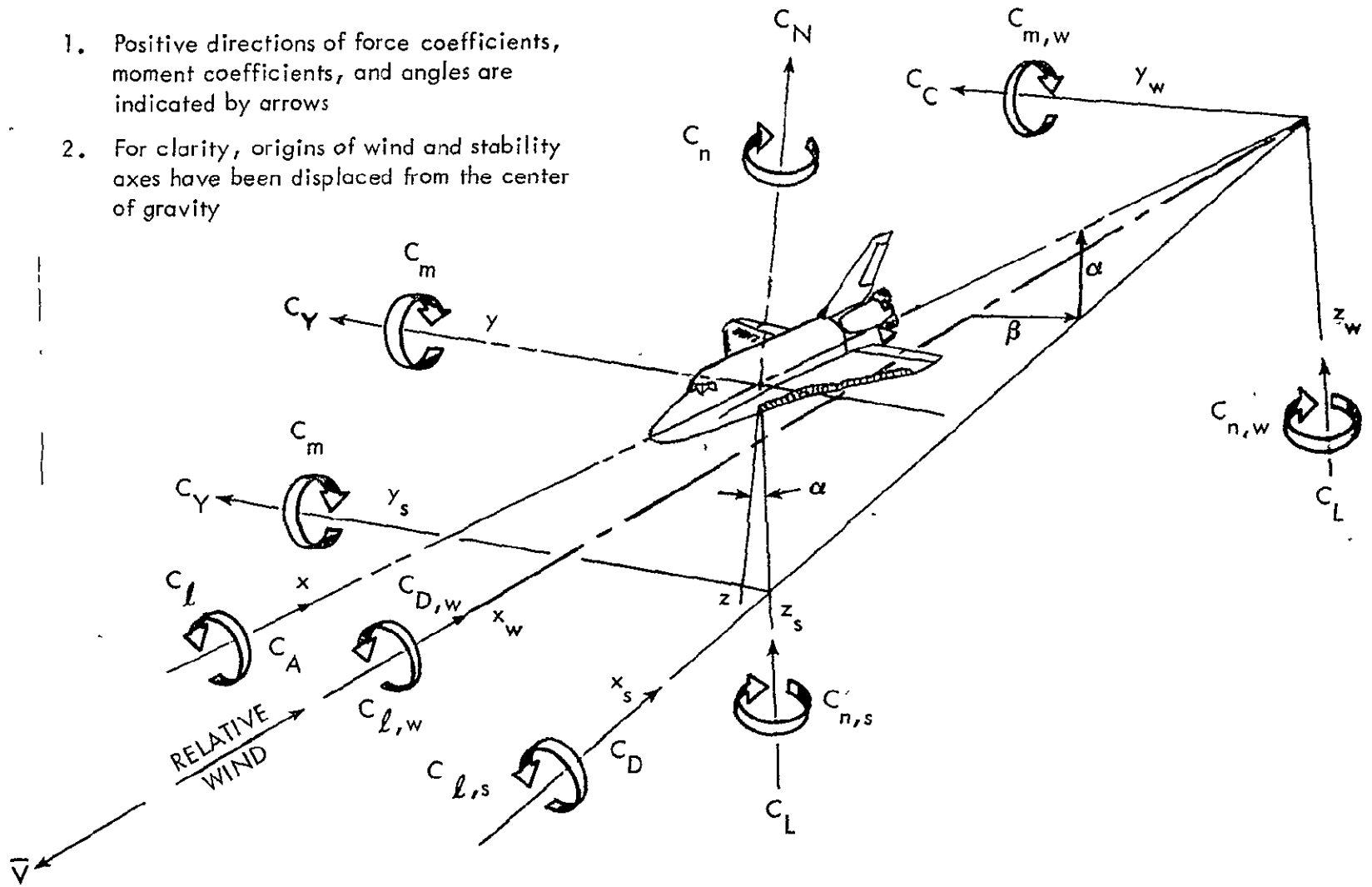
a. General

Figure 1. Axis Systems

RUDDER AND SPEED BRAKE DEFLECTIONS
  (PARALLEL TO THE FRL)

$84.92^\circ \approx 85^\circ$ NOMINAL δ_{SB}

$Y_o = 0$

$\delta_{SB} = 0 \longrightarrow 85^\circ$

$\delta_R = \longrightarrow -25^\circ$

$+ \delta_R$

ELEVON DEFLECTIONS

$\delta_E = -35^\circ$

PARALLEL TO THE FRL

$\delta_E = +20^\circ$

$\delta_E = -35^\circ \longrightarrow 20^\circ$

BODY FLAP DEFLECTIONS

$\delta_{BF} = -11.7^\circ \longrightarrow +22.5^\circ$

$\delta_{BF} = -11.7^\circ$

$z_o = 276.4$

$\delta_{BF} = +22.5^\circ$

$X_o = 1532$
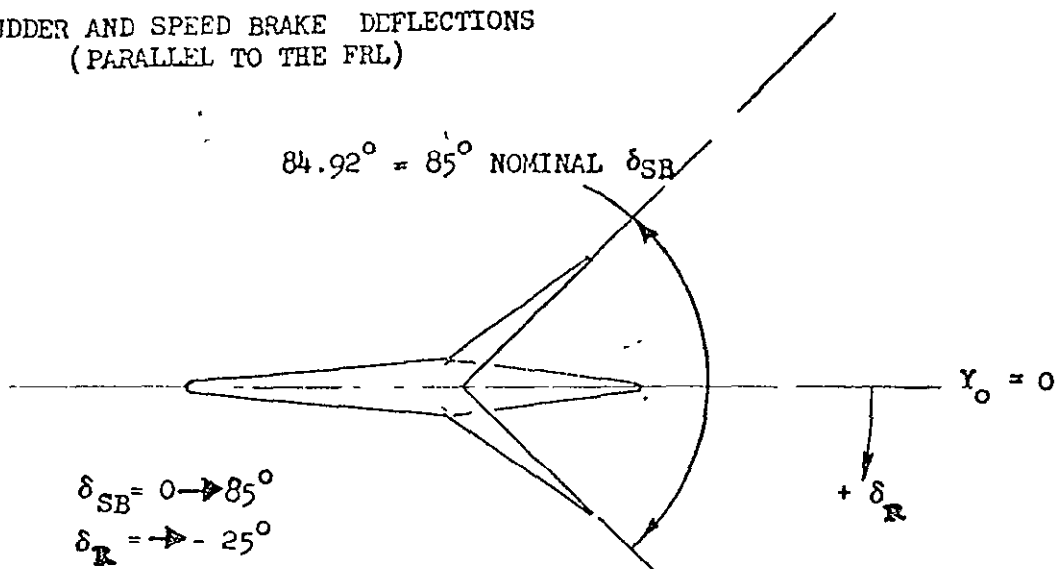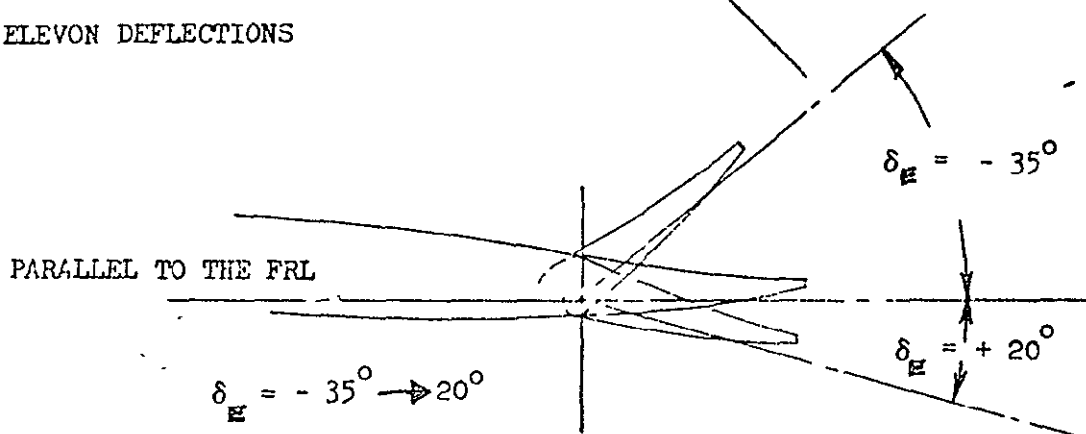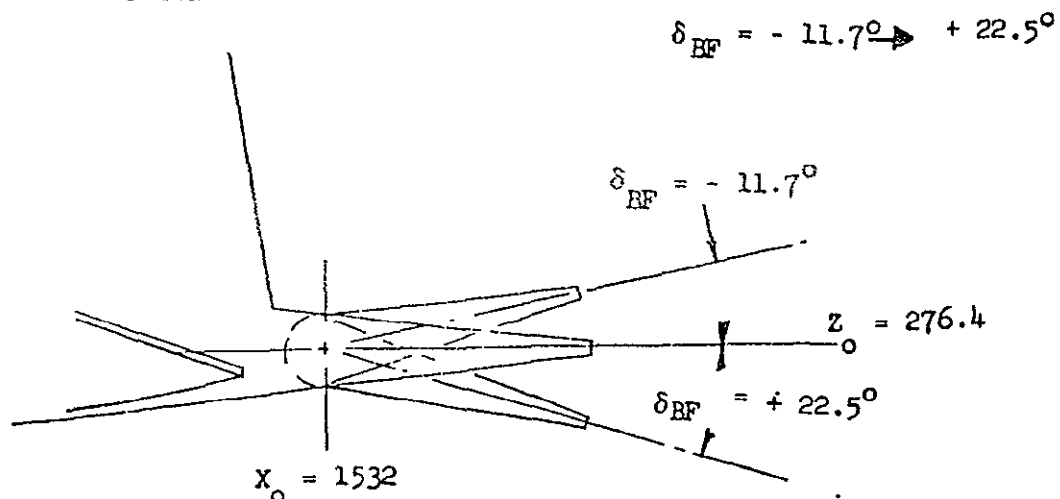
b. Control Surfaces
Figure 1.   Continued.

61

250.500

$X_T\, 332.500$

$X_o\, 235.000$

$X_T\, 2173.000$

$X_o\, 0.000$

741

$Z_o\, 400.000$

$X_B\, 0.000$

$X_B\, 200.000$

543

336.500

$Z_T = Z_B\, 400.000$
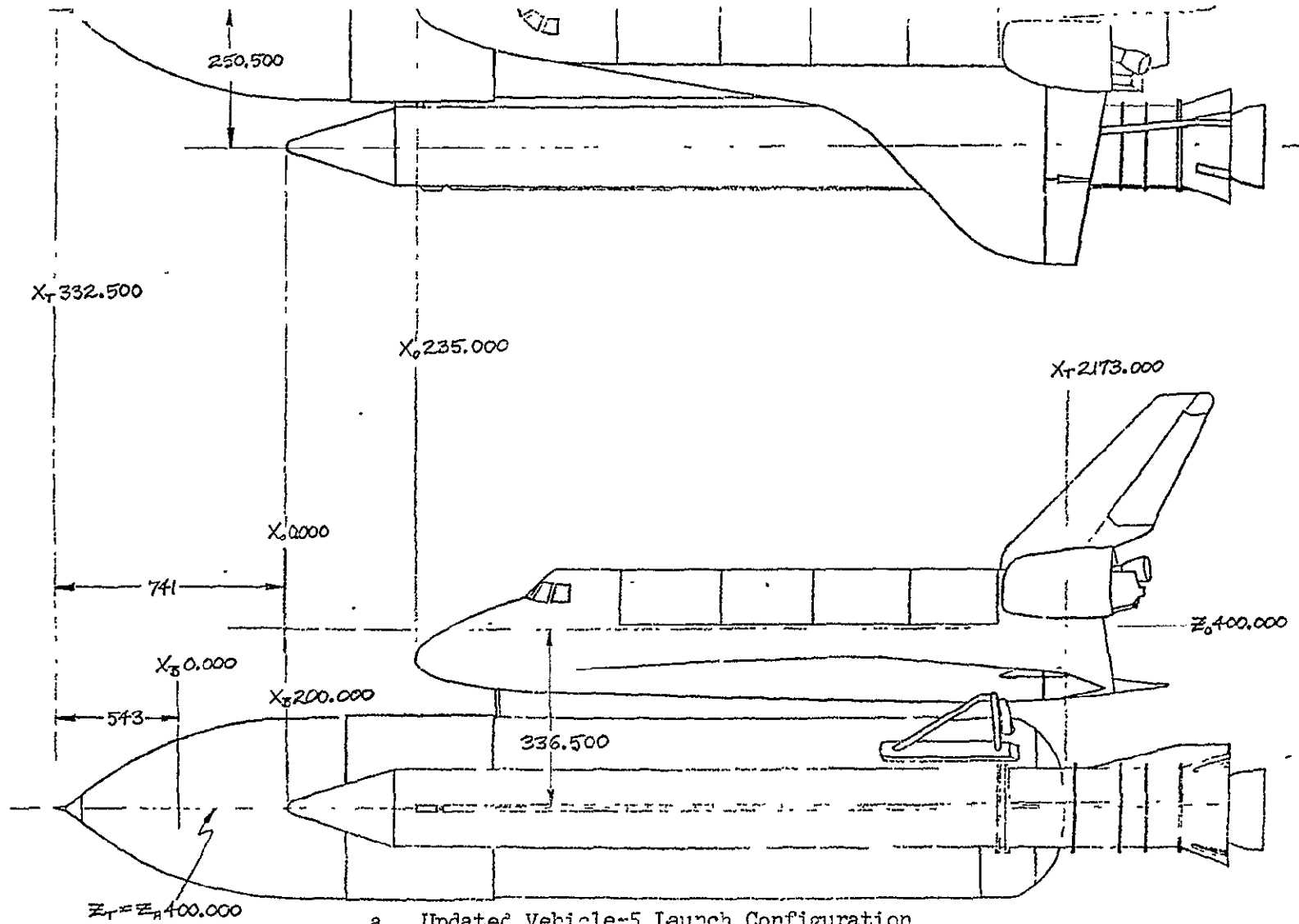
a.   Updated Vehicle-5 Launch Configuration
Figure 2.   Model sketches.

ELEVON, E_{52}

OMS NOZZLE, N_{89}

OMS POD, M_{16}

WING, W_{127}

VERTICAL, V_8

RUDDER, R_5

CANOPY, C_9

BODY, B_{26}

BODY FLAP, F_{10}
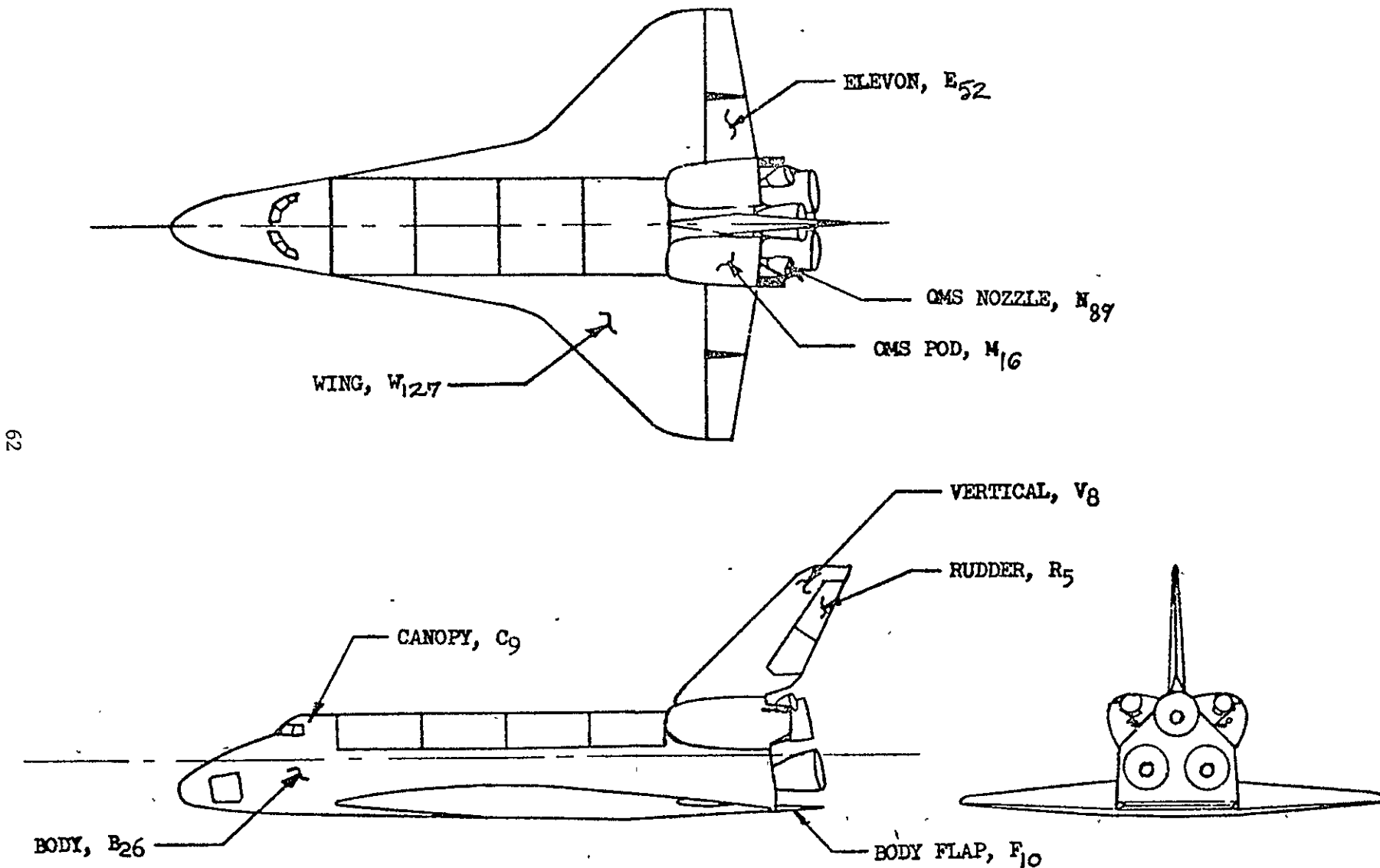
b. Orbiter
Figure 2. Continued.
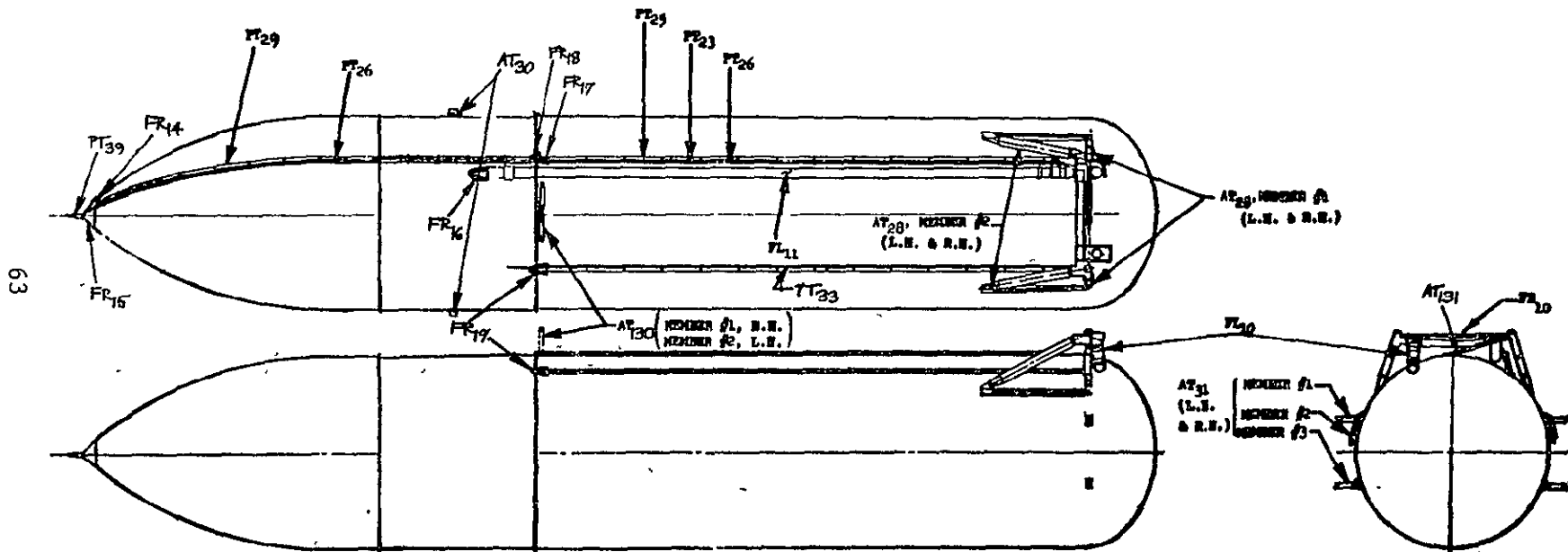
c. External Tank

Figure 2. Continued.
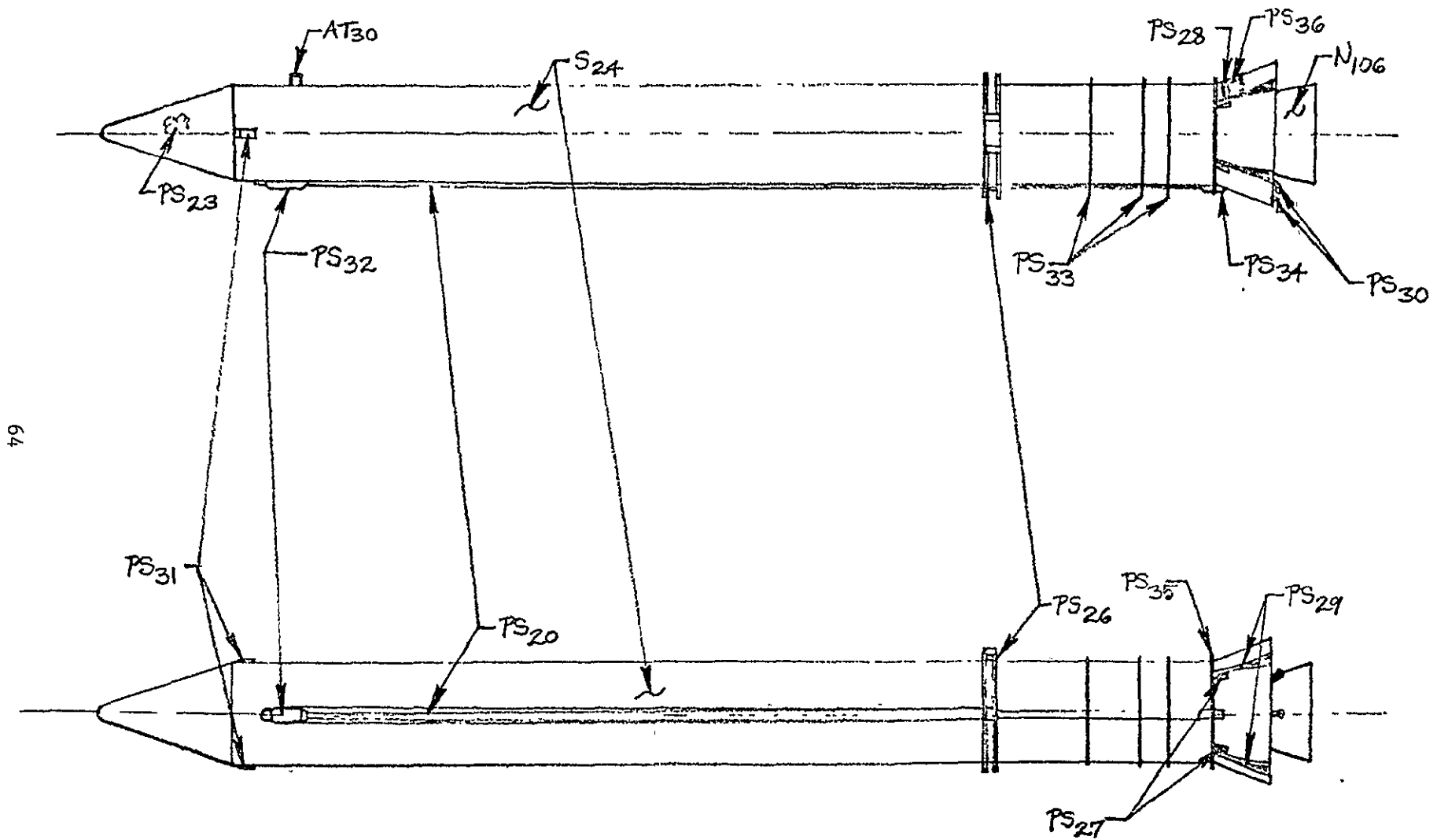
d. Solid Rocket Booster
Figure 2. Continued.

NOTE: ALL DIMENSIONS
IN INCHES,
FULL-SCALE

+Z

BALANCE
CAVITY
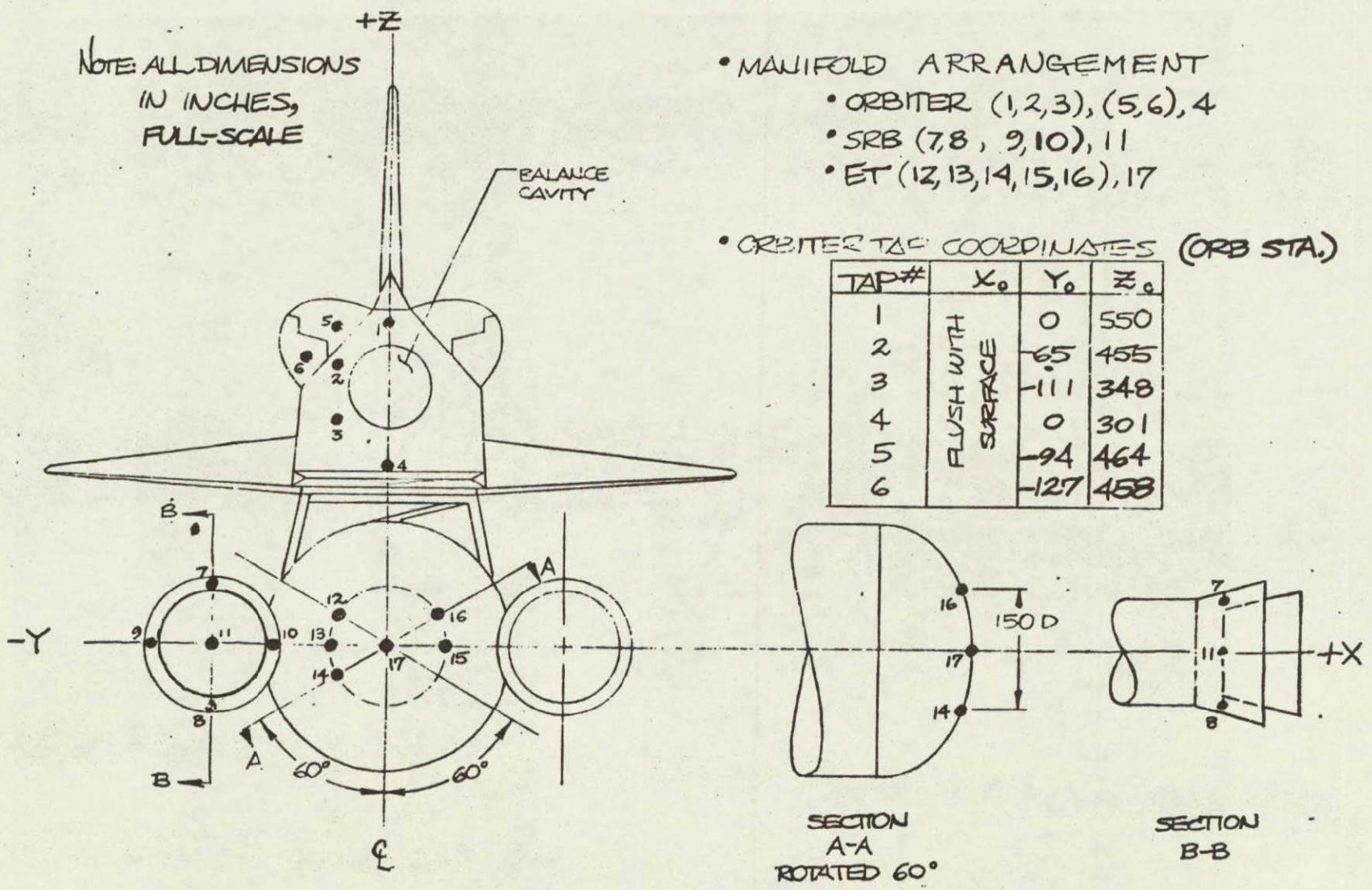
• MANIFOLD ARRANGEMENT
  • ORBITER (1,2,3), (5,6), 4
  • SRB (7,8, 9,10), 11
  • ET (12,13,14,15,16), 17

• ORBITER TAP COORDINATES (ORB STA.)

TAP #	X_0	Y_0	Z_0
1	FLUSH WITH SURFACE	0	550
2		-65	455
3		-111	348
4		0	301
5		-94	464
6		-127	458

-Y

+X

150 D

SECTION
A-A
ROTATED 60°

SECTION
B-B

60°   60°

B

A

CL

e. Base Pressure Tap Locations
Figure 2. Concluded.

65
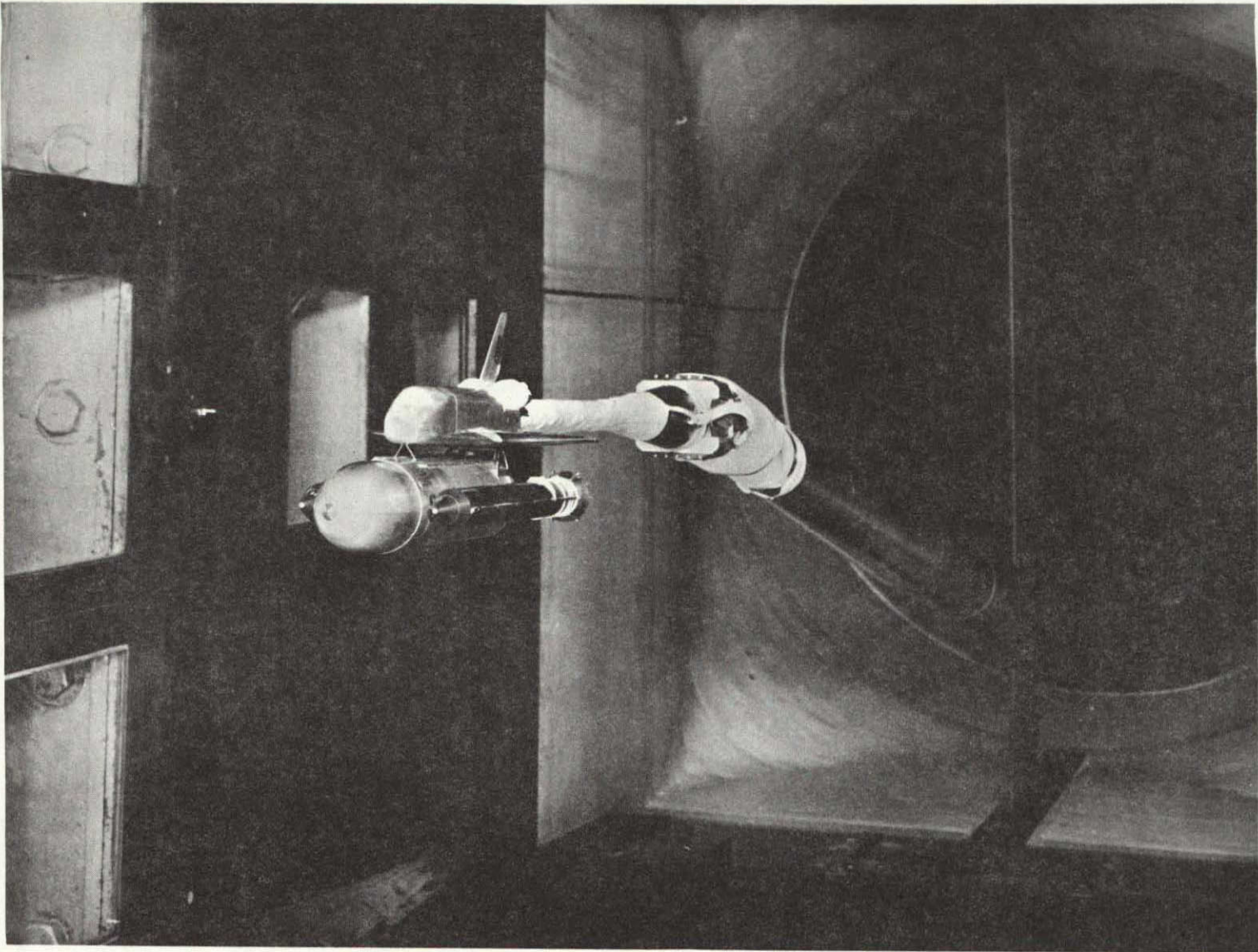
Figure 3. Model installation photograph.

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ001)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RUN NO.   1/ 0   RN/L =   4.48   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8 689	- 24645	-.23851	-.26423	- 41504	- 34140	-.37452	-.37180	-.23563	.29079	- 03232
.599	-6.523	-.24242	-.23585	- 25698	-.38967	-.32616	- 35587	-.35330	- 23337	.28944	-.02844
.599	-4.386	- 23928	-.23459	-.25266	-.37331	-.31926	- 34013	-.33930	-.22968	.29832	-.02451
599	-2 250	- 23305	- 23011	-.24536	-.36270	-.30990	- 32577	-.32763	-.22548	.28693	-.00931
.599	-.095	- 22706	-.22602	-.23564	-.35609	- 30529	-.31726	-.31926	-.22111	.28317	-.00376
.599	2.034	- 21831	-.22092	-.22745	- 35448	-.30449	- 30611	-.30568	-.21640	.27609	-.00713
.600	4.198	- 20434	-.21126	-.22235	-.35533	-.30207	- 29362	-.29280	-.20877	.26643	-.01252
	GRADIENT	.00395	00260	.00366	00206	.00185	.00525	.00536	.00237	-.00255	.00122

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9 000			

RUN NO.   4/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAJ	BETA
.598	-8.545	- 25586	- 24558	-.27831	-.44048	-.41721	- 39891	- 39012	-.24065	.23119	-6.32910
.599	-6.408	- 25174	-.24092	-.27034	-.42752	-.40394	- 37655	- 37254	- 23695	.29279	-6.36194
.599	-4.305	- 24877	- 24014	-.26472	- 42184	- 39050	-.35797	- 35871	-.23457	.29146	-6.37863
.599	-2 192	- 24315	-.23709	-.25591	- 41502	- 37887	-.33922	- 34301	-.22873	.28940	-6.38399
599	- 054	- 23680	- 23305	- 24787	-.40695	- 36929	-.32755	-.33190	-.22469	.28571	-6.38429
.599	2.036	- 23094	-.22853	- 24089	-.39752	- 35701	-.32267	-.32607	-.21845	27968	-6.38033
.599	4.168	- 22713	-.22321	- 23804	-.38802	- 34922	-.31600	-.31922	-.21502	.27042	-6.38299
	GRADIENT	.00262	.00203	.00323	.00402	00493	.00475	.00453	.00233	-.00245	- 00024

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                          RUN NO   11/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9.015	- 32023	-.30821	-.32571	-.44021	-.43750	-.42066	-.40855	-.30122	.36171	6.51832
.899	-6 714	- 31480	-.30133	- 31695	-.42838	-.42601	-.40075	-.38987	-.29366	.35914	-6.55943
.899	-4 575	- 31000	-.28671	- 30837	-.43339	-.41260	-.39012	-.39311	-.28115	.35561	-6.56484
.900	-2.377	-.30841	- 27586	-.30154	-.43354	-.40125	-.38000	-.38098	-.27410	.35316	-6 56514
.899	-.186	- 30247	- 27339	-.29450	- 43526	-.40006	-.36503	- 36255	-.27028	.34913	-6 55945
.899	2 059	-.30406	-.26689	-.29574	-.44669	-.40563	- 35379	-.34638	-.26825	.34335	-6.54399
.900	4.306	- 30343	- 25671	- 29903	-.43486	- 39489	-.34748	-.34176	-.26645	.33869	-6.53968
	GRADIENT	00079	00311	00110	-.00072	.00140	.00502	.00618	00159	-.00197	.00322

                          RUN NO.   16/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.233	-.37230	- 37829	-.37808	-.52861	- 51641	-.47765	- 47762	- 36765	.43985	-6.58705
.976	-6.943	-.35733	- 36490	- 36077	-.54208	-.51924	-.45557	- 44988	-.35332	.43893	-6.60849
976	-4.684	-.34411	- 34249	- 34697	-.54056	- 50749	-.44060	-.43395	- 33411	.43288	-6.61849
.975	-2.444	- 33449	- 33042	-.33594	-.52856	- 48649	-.42928	- 42252	-.32295	.42873	-6.61079
975	-.205	-.33084	- 32356	-.33157	-.53070	-.48284	-.42220	- 41773	- 31847	.42714	-6.59754
.975	2.029	- 32906	-.32116	-.33145	- 53201	-.48537	-.41477	-.40449	-.31710	.42301	-6.58108
.975	4 275	- 33530	-.32698	-.33592	-.54678	-.49039	-.41533	-.40432	-.32127	.41968	-6.57042
	GRADIENT	.00103	.00180	.00119	-.00071	00158	.00290	.00345	00141	-.00143	.00562

                          RUN NO   27/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.118	- 35300	-.34278	-.39234	-.55629	-.51256	-.41997	-.42703	-.33665	.49957	-6.65426
1.149	-4.803	-.34723	-.33841	- 38365	-.54712	-.50468	-.40868	- 40912	-.33329	.49761	-6 66103
1.150	-2.522	-.34361	-.33452	-.36982	-.53399	-.48623	-.40008	- 40457	-.32977	.49711	-6 66026
1.149	-.225	- 33536	- 32794	- 35434	-.52779	-.47541	- 38690	- 39507	-.32299	.49379	-6.64463
1.149	2.025	-.32828	-.32539	- 34452	-.51417	-.46705	-.37411	-.37989	-.31795	.48905	-6.64187
	GRADIENT	00286	.00200	.00583	.00461	.00543	.00513	.00426	.00232	-.00127	.00321

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   30/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.542	-.36082	-.34932	-.39578	-.55780	-.50676	-.42398	-.43363	-.34235	.51459	-6.65151
1.205	-7.166	-.35103	-.33981	-.39943	-.54818	-.49257	-.41221	-.42123	-.33284	.51173	-6.65944
1.205	-4.833	-.34555	-.33506	-.38479	-.53764	-.48462	-.39820	-.40137	-.32980	.50999	-6.66734
1.205	-2.524	-.34028	-.33071	-.37467	-.52881	-.47070	-.38662	-.39096	-.32544	.50922	-6.66330
1.205	-.240	-.33162	-.32396	-.35876	-.52422	-.46287	-.37267	-.38079	-.31806	.50695	-6.65667
1.205	2.032	-.32659	-.32281	-.35195	-.51464	-.45626	-.36125	-.36776	-.31573	.50309	-6.64637
1.205	4.304	-.32436	-.32256	-.35080	-.49971	-.44215	-.34659	-.34869	-.31504	.49364	-6.64136
	GRADIENT	.00246	.00144	.00398	.00394	.00435	.00563	.00563	.00172	-.00170	.00302

LARC 8FT TPT 749 (-IA93) OTSAT130   (RJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   3/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.500	-.25391	-.24593	-.27518	-.42549	-.39790	-.38607	-.37787	-.23872	.29435	-4.24598
.599	-6.391	-.24859	-.24328	-.26514	-.40967	-.38226	-.36488	-.36086	-.23454	.29413	-4.26440
.599	-4.283	-.24358	-.24057	-.25748	-.40464	-.37230	-.34786	-.34746	-.23087	.29370	-4.27565
.599	-2.162	-.23561	-.23148	-.25086	-.40116	-.36465	-.33261	-.33583	-.22711	.29231	-4.27784
.599	-.077	-.23046	-.22824	-.24516	-.39470	-.35668	-.32348	-.32613	-.22331	.28812	-4.28149
.599	2.029	-.22194	-.22164	-.23494	-.38400	-.34316	-.31568	-.31813	-.21670	.28026	-4.28188
.599	4.138	-.21622	-.21669	-.22659	-.37615	-.33376	-.30681	-.31078	-.20813	.27101	-4.27648
	GRADIENT	.00325	.00274	.00369	00352	.00469	.00471	.00433	.00266	-.00273	-.00027

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT		BETA =	-4.000	ELV-LI =	10.000
LREF = 1290.3000 INCHLS	YMRP = 0000 IN. YT		ELV-LO =	9.000	ELV-RI =	10.000
BREF = 1290 3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO =	9.000		
SCALE = .0100				

RUN NO.   10/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.989	- 31033	-.29990	-.31551	-.42212	-.41619	-.42370	- 42031	-.29257	.36319	-4.37029
.900	-6.786	-.30634	-.29191	-.30684	-.41260	- 40233	-.40177	- 40330	-.28368	.35911	-4.39110
.899	-4.539	-.30511	-.28015	- 30204	-.41120	-.39108	-.38972	-.39048	- 27369	.35377	-4.38537
.899	-2.273	-.30101	-.27739	-.29740	-.40650	- 37877	-.36373	-.36214	- 27182	.34896	-4.38684
.899	- .144	- 29522	- 27362	-.29062	-.41551	-.38117	-.34979	-.34462	-.26745	.34359	-4.37765
900	2.146	-.29591	- 26819	- 28762	- 42768	- 38903	-.34013	-.33004	-.26384	.33874	-4.37060
.899	4.252	- 29096	- 25664	- 28425	-.41776	- 37742	-.33721	-.33026	-.25486	.33488	-4.36508
GRADIENT		00151	00255	.00206	-.00157	.00077	00586	.00695	00207	- 00218	00258

RUN NO   15/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 195	- 35817	-.36864	-.36337	-.51167	-.50259	-.47594	-.48430	-.35685	44299	-4.44138
.976	-6.911	-.33886	- 35495	-.34391	-.52210	-.50041	-.44499	- 44631	- 34233	.43820	-4.45135
975	-4.664	-.32174	- 33996	-.32882	- 51151	-.48432	- 42935	-.43005	-.32762	.43296	-4 45264
.975	-2 429	-.31398	- 32507	-.31953	- 50606	-.46761	-.42207	-.41976	-.31490	.42814	-4.44714
.975	- 207	-.31329	- 31630	-.31511	- 51578	-.46893	- 41198	-.40450	-.30789	.42411	-4.43688
.975	2.040	- 31251	-.31895	- 31775	-.52003	-.47255	-.40657	-.39453	-.31011	.41923	-4.43007
.975	4.262	-.31208	- 31904	- 32126	-.53599	-.48115	-.40502	-.39090	-.30948	.41741	-4.42548
GRADIENT		00093	.00215	.00076	-.00282	.00006	.00287	.00464	00184	-.00179	.00320

RUN NO.   26/ 0   RN/L = 4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 149	-7.114	-.34839	-.33744	-.37423	- 54188	-.50054	-.41197	-.42024	-.32836	49873	-4.45272
1.149	-4.784	-.34169	- 33149	-.36203	-.53493	-.49322	-.39727	-.40240	-.32517	.49551	-4.45301
1.149	-2.503	-.33670	- 32762	-.35071	-.52121	-.47519	-.38852	-.39319	- 32360	.49411	-4 44740
1.149	- 238	-.32575	-.32011	-.33768	- 51870	-.47094	-.37849	-.38095	-.31506	.49064	-4.43810
1.149	2.030	-.31437	-.31455	- 32588	-.50952	-.46369	- 36797	- 36730	-.30674	.48443	-4.43458
GRADIENT		.00409	.00257	.00535	.00347	.00409	00431	.00518	00281	-.00162	.00284

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4.000
ELV-LO	=	9.000
ELV-RO	=	9.000
ELV-LI	=	10.000
ELV-RI	=	10.000

RUN NO.   29/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.473	-.35216	-.34093	-.38194	-.55742	-.50960	-.41184	-.41780	-.32973	.51583	-4.43404
1.205	-7.114	-.34478	-.33277	-.37609	-.53454	-.48398	-.40200	-.40895	-.32462	.51125	-4.44578
1.205	-4.797	-.33943	-.32626	-.36881	-.51926	-.47011	-.38634	-.39177	-.32270	.50779	-4.45019
1.205	-2.488	-.33280	-.32235	-.35833	-.51071	-.45753	-.37395	-.37748	-.31860	.50685	-4.43839
1.205	-.235	-.32428	-.31682	-.34470	-.51202	-.45554	-.36443	-.36689	-.31209	.50369	-4.42812
1.205	2.026	-.31372	-.31212	-.33085	-.50414	-.44935	-.35326	-.35230	-.30549	.49884	-4.42409
1.205	4.297	-.30982	-.31049	-.32867	-.49008	-.43495	-.34082	-.33482	-.30224	.49052	-4.41721
	GRADIENT	.00345	.00184	.00475	.00286	.00346	.00492	.00613	.00238	-.00187	.00354

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ004)   (30 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	.000
ELV-LO	=	9.000
ELV-RO	=	9.000
ELV-LI	=	10.000
ELV-RI	=	10.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.600	-8.465	-.24587	-.23773	-.26334	-.41284	-.33901	-.36891	-.36718	-.23585	.29170	-.02708
.599	-6.364	-.24243	-.23600	-.25729	-.38848	-.32534	-.35186	-.35050	-.23297	.29039	-.02286
.599	-4.260	-.23860	-.23370	-.25136	-.37017	-.31702	-.33531	-.33586	-.22896	.28871	-.01839
.599	-2.164	-.23242	-.22981	-.24331	-.36094	-.31267	-.32241	-.32524	-.22431	.28666	-.00720
.600	-.076	-.22636	-.22454	-.23384	-.35310	-.30399	-.31484	-.31785	-.21999	.28323	-.00407
.599	2.023	-.21703	-.21940	-.22569	-.35045	-.30298	-.30414	-.30488	-.21503	.27539	-.00207
.599	4.126	-.20334	-.21070	-.22118	-.35272	-.30139	-.29171	-.29131	-.20841	.26688	-.00682
	GRADIENT	.00410	.00269	.00372	.00216	.00195	.00503	.00522	.00240	-.00262	.00135

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ004)   (30 JUN 76)

REFERENCE DATA

		PARAMETRIC DATA
SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000 ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.898	-8.945	-.29112	-.28329	-.30500	-.39668	-.36064	-.42615	-.41828	-.27682	.35783	-.02337
.900	-6.743	-.29080	-.27840	-.30764	-.37518	-.33601	-.40210	-.39749	-.27239	.35030	-.01851
.900	-4.529	-.28936	-.280c0	-.30142	-.35018	-.32318	-.37730	-.37984	-.27330	.34206	-.01573
.900	-2.338	-.29167	-.28049	-.30595	-.34099	-.31891	-.34551	-.34001	-.27504	.33681	-.00309
.899	-.151	-.28552	-.27167	-.29748	-.34941	-.32362	-.33380	-.32293	-.26554	.33319	.00718
.900	2.071	-.28255	-.26884	-.29406	-.36210	-.33288	-.32205	-.30393	-.26349	.33071	.01383
.900	4.244	-.27429	-.26394	-.28550	-.37043	-.33405	-.32065	-.31012	-.25826	.32677	.01805
	GRADIENT	.00179	.00201	.00199	-.00281	-.00163	.00623	.00800	.00190	-.00167	.00385

RUN NO. 0/ 0   RN/L = 4.07   GRADIENT INTERVAL = -5.00/ 5.00-

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.168	-.32987	-.31541	-.34747	-.50474	-.47002	-.46600	-.46142	-.33564	.43911	-.03126
.976	-6.890	-.31614	-.33497	-.33222	-.48942	-.45337	-.44416	-.44134	-.32534	.43369	-.02572
.976	-4.641	-.30872	-.33388	-.32431	-.47289	-.43397	-.42514	-.42346	-.32093	.42707	-.02188
.976	-2.419	-.30489	-.34715	-.32701	-.45333	-.41357	-.41031	-.41080	-.32613	.42167	-.00674
.975	-.207	-.30491	-.34957	-.32848	-.44793	-.40825	-.39907	-.39894	-.33061	.41745	.00684
.975	2.007	-.30967	-.35278	-.33386	-.45984	-.41012	-.39410	-.39263	-.33672	.41314	.00968
.975	4.228	-.31150	-.35005	-.33662	-.47435	-.42129	-.38382	-.37737	-.33533	.40798	.00763
	GRADIENT	-.00047	-.00171	-.00142	-.00043	.00130	.00446	.00498	-.00178	-.00211	.00340

RUN NO. 0/ 0   RN/L = 4.18   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA·	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.054	-.34659	-.34f05	-.35146	-.51959	-.47818	-.41384	-.41086	-.33274	.49545	-.03451
1.149	-4.759	-.33888	-.34029	-.34516	-.50774	-.46393	-.39834	-.39416	-.32835	.49126	-.02759
1.149	-2.484	-.32834	-.33457	-.33980	-.49594	-.44625	-.38468	-.38042	-.32336	.48988	-.01395
1.149	-.237	-.31290	-.33664	-.33167	-.48645	-.43108	-.36796	-.35688	-.31826	.48519	-.00391
1.149	2.010	-.30193	-.32837	-.32037	-.48516	-.43016	-.35608	-.34105	-.30869	.47848	-.00470
	GRADIENT	.00560	.00149	.00366	.00343	.00517	.00636	.00811	.00284	-.00186	.00349

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ004)   (30 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.396	-.35329	-.34216	-.36094	-.51490	-.47387	-.41042	-.40818	-.32925	.51050	-.01524
1.205	-7.077	-.33999	-.33492	-.34732	-.49539	-.45330	-.39730	-.39570	-.32326	.50585	-.01413
1.206	-4.756	-.33350	-.33079	-.34238	-.48798	-.44232	-.38362	-.38103	-.31985	.50277	-.00501
1.206	-2.461	-.32597	-.32543	-.33641	-.47742	-.42580	-.36659	-.36283	-.31557	.50059	.00683
1.205	-.230	-.31518	-.32150	-.33185	-.46879	-.41457	-.35571	-.34592	-.31083	.49777	.02006
1.205	2.024	-.30273	-.31907	-.32205	-.46966	-.41131	-.34147	-.32602	-.30380	.49109	.01936
1.205	4.272	-.29459	-.31302	-.31097	-.46821	-.40932	-.32624	-.31250	-.29667	.48254	.01916
	GRADIENT	.00448	.00186	.00342	.00210	.00357	.00621	.00771	.00258	-.00222	.00270

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   4.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   5/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.491	-.24942	-.24164	-.26538	-.38104	-.29120	-.37013	-.36174	-.23082	.29135	4.18950
.599	-6.379	-.24351	-.23803	-.25683	-.36204	-.27962	-.35301	-.34672	-.22473	.29153	4.21050
.598	-4.290	-.23877	-.23414	-.24871	-.34228	-.26963	-.33722	-.33510	-.22169	.29036	4.22699
.598	-2.181	-.23615	-.23220	-.24229	-.32789	-.26474	-.32357	-.32355	-.21868	.28789	4.24023
.598	-.077	-.23128	-.22849	-.23439	-.31881	-.25645	-.31582	-.31618	-.21630	.28475	4.24736
.599	2.029	-.22422	-.22506	-.22640	-.32101	-.25623	-.30966	-.30603	-.21364	.27714	4.24553
.599	4.132	-.20755	-.21793	-.21605	-.32677	-.26600	-.29755	-.29525	-.20728	.26962	4.23661
	GRADIENT	.00353	.00191	.00396	.00180	.00075	.00443	.00462	.00161	-.00248	.00117

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   8/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.993	-.31117	-.28475	-.33255	-.38380	-.31735	-.41666	-.41082	-.27561	.36006	4.29420
.900	-6.785	-.30626	-.28020	-.31972	-.37117	-.31346	-.39551	-.39157	-.27329	.35442	4.32445
.900	-4.515	-.28870	-.27016	-.30165	-.35064	-.30288	-.38033	-.38009	-.26179	.35014	4.33690
.901	-2.357	-.29319	-.27355	-.30154	-.34322	-.30065	-.35556	-.35130	-.26754	.34648	4.35666
.900	-.191	-.28862	-.26517	-.29699	-.33424	-.29074	-.34479	-.33762	-.25960	.34213	4.36283
.899	2.058	-.28586	-.25869	-.29436	-.33736	-.28776	-.33170	-.31142	-.25389	.33479	4.36101
.900	4.229	-.28032	-.25834	-.28727	-.34774	-.29452	-.33036	-.31983	-.25422	.33317	4.34847
	GRADIENT	.00110	.00176	.00164	.00052	.00135	.00565	.00732	.00132	-.00208	.00124

RUN NO. 13/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.194	-.36094	-.35401	-.36706	-.46124	-.41702	-.45923	-.45236	-.34459	.43952	4.34619
.976	-6.921	-.33878	-.34183	-.35045	-.45150	-.41061	-.43478	-.43165	-.33169	.43493	4.37409
.975	-4.657	-.31760	-.33147	-.33855	-.43427	-.39203	-.41618	-.41170	-.32037	.42907	4.38961
.975	-2.421	-.30239	-.32292	-.32752	-.41702	-.37034	-.40669	-.40677	-.31109	.42424	4.40296
.975	-.206	-.29701	-.32263	-.32361	-.40690	-.35505	-.40526	-.40358	-.31090	.42203	4.41341
.975	2.013	-.29735	-.32255	-.32125	-.41290	-.36023	-.39376	-.37851	-.31114	.41526	4.40923
.975	4.252	-.29668	-.32086	-.31967	-.43352	-.38423	-.38911	-.36577	-.31017	.41063	4.39216
	GRADIENT	.00211	.00097	.00198	.00025	.00115	.00301	.00540	.00092	-.00206	.00051

RUN NO. 24/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.096	-.36913	-.36410	-.36860	-.47421	-.43447	-.41361	-.40649	-.35294	.50049	4.39050
1.149	-4.786	-.35851	-.35638	-.35930	-.46185	-.42001	-.39775	-.39027	-.34234	.49581	4.41042
1.149	-2.493	-.34655	-.34693	-.34793	-.44496	-.39668	-.38240	-.37704	-.33297	.49141	4.42809
1.149	-.243	-.33803	-.34074	-.34063	-.42984	-.37651	-.37280	-.36476	-.32613	.48717	4.43315
1.149	2.018	-.32302	-.32907	-.33201	-.42977	-.37975	-.36011	-.34775	-.31362	.47929	4.43485
	GRADIENT	.00507	.00389	.00394	.00491	.00623	.00541	.00617	.00410	-.00237	.00346

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   31/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 205	-9 485	-.37530	- 36385	-.37515	-.47272	-.42785	-.41187	-.40423	-.35285	.51459	4.38876
1.205	-7 119	- 37003	- 35958	-.37169	- 46413	-.42205	-.40354	-.39582	-.34911	.51150	4.40968
1.205	-4.803	-.35722	-.35085	-.35929	-.44823	-.40516	-.38662	-.37737	-.33749	.50636	4.42885
1.205	-2 509	-.34352	- 34132	-.34571	-.43120	-.38015	-.36923	-.36134	-.32714	.50203	4.44371
1.205	-.235	-.33246	- 33407	- 33659	- 41542	-.35870	-.36027	- 35139	-.31881	49756	4.45322
1.205	2.022	-.32245	-.32579	-.32733	- 41505	-.35834	-.34650	-.33482	-.30971	.49067	4.45467
1.205	4.280	-.31029	-.31617	- 31655	- 42790	-.37605	-.33380	-.32168	-.30180	.48270	4.44486
	GRADIENT	.00506	.00374	.00458	00251	.00354	00566	.00608	.00391	-.00258	.00190

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO.   6/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.530	-.25249	- 24527	- 26807	- 34219	-.27035	-.37462	-.36813	-.23749	.29031	6.29740
.599	-6.422	-.25009	-.24517	- 26226	- 32988	-.26245	-.35906	-.35352	- 23301	.29036	6.33191
599	-4.297	-.24481	- 24103	- 25357	- 31778	-.25813	-.34163	- 33989	-.22716	.28992	6.35996
.599	-2.196	-.24238	-.23880	- 24964	-.31119	-.25058	-.32990	- 32893	-.22416	.28722	6.37748
.599	-.080	-.23800	-.23595	-.24470	-.30549	-.24165	-.32190	- 31827	-.22302	.28294	6 38778
.599	2.048	-.22975	-.23134	-.23647	-.31093	-.24920	-.31632	-.31249	-.21955	.27620	6.38336
.599	4.157	-.22098	-.22696	-.22925	- 32082	-.25813	-.30681	-.30317	-.21536	.26639	6.36954
	GRADIENT	.00285	.00168	.00292	-.00028	.00006	.00393	.00425	.00133	-.00275	.00118

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   9/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.055	-.31585	-.30116	-.33408	-.34911	-.28819	-.42385	-.41421	-.29283	.36031	6.42430
.900	-6.800	-.30599	-.29255	-.32236	-.33795	-.28773	-.40421	-.40508	-.28488	35539	6.46274
.899	-4 569	-.29401	-.28015	-.30885	-.32690	-.28550	-.39035	-.39726	-.27190	.35224	6.48821
.899	-2 408	- 29624	- 28092	-.30840	-.32231	-.28147	-.37683	-.37838	-.27244	.34882	6.50933
.899	-.161	- 29471	- 27390	-.30509	-.31722	-.27155	- 35889	-.35171	- 26732	.34444	6.51772
.899	2 072	-.29461	- 26832	-.30410	- 32697	-.27760	-.34671	-.33225	-.26409	.33981	6.51265
900	4 265	- 28636	- 26104	-.29607	- 33551	-.27978	- 34137	-.33241	-.25703	.33544	6.49526
GRADIENT		00076	.00230	.00135	- 00099	.00069	00578	.00794	.00172	-.00192	.00078

RUN NO   14/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9 243	-.38312	- 38607	-.38338	-.41339	-.35689	-.46604	-.45576	-.37243	.43884	6.49070
.976	-6 962	-.36196	- 36817	- 36724	-.40602	- 35670	-.44310	- 43510	-.35753	.43542	6.51860
.975	-4.688	-.33382	-.35386	- 34985	-.39857	-.35233	-.42396	-.41875	- 34248	.43082	6.54079
.975	-2.427	-.32010	-.34473	- 33897	-.39017	-.34186	-.41544	-.41262	-.33355	42565	6 55396
.975	- 200	- 30743	- 33449	- 32677	-.38751	-.33214	-.41010	-.40800	- 32412	.42203	6 56283
.975	2 015	- 30472	-.32948	-.32415	-.39717	- 34193	-.40225	-.38866	-.31942	.41625	6.55743
.975	4 276	- 30659	-.32692	-.32645	-.41257	-.35946	-.39622	-.37506	-.31799	.41039	6 53649
GRADIENT		.00312	00309	00275	-.00156	-.00064	.00307	.00498	00282	-.00225	- 00023

RUN NO.   25/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.138	-.38374	-.38739	-.38123	-.42921	-.38895	-.42229	-.41388	-.37113	.50033	6.56422
1.149	-4.813	-.37365	-.37590	-.37172	-.42457	-.38174	-.40466	- 39625	-.36252	.49709	6.58794
1.149	-2.528	- 35805	-.36181	-.35774	-.41776	-.37162	- 39361	-.38492	-.34768	.49209	6.60450
1.149	-.248	- 34538	-.35102	-.34603	-.40762	- 34906	- 38354	-.37615	-.33660	.48613	6.61810
1.149	2.029	-.33367	-.34053	-.33527	-.41850	- 36857	-.36891	- 35875	-.32499	.47967	6.62008
GRADIENT		.00582	.00513	.00531	.00124	.00272	.00514	.00532	.00542	-.00255	.00483

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10 000
ELV-RO	=	9.000			

RUN NO.   32/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.534	- 38509	-.37749	-.38427	-.44278	-.39254	-.42765	-.41750	-.37028	.51415	6.58547
1 206	-7.166	- 38003	-.37370	-.37995	-.43054	-.38193	-.41225	-.40309	-.36342	.51070	6.60846
1.206	-4.829	- 37085	-.36652	- 37062	-.41879	-.36936	- 38914	-.39142	- 35345	.50593	6.63516
1 205	-2.542	- 35478	-.35373	-.35622	- 40828	- 35388	- 37752	-.36926	- 33955	.50138	6 65014
1.205	-.247	-.34193	- 34478	-.34594	-.39698	-.33261	-.37019	-.36147	-.32952	.49688	6.65719
1.205	2.033	-.32973	-.33593	- 33341	- 40394	-.34716	-.35628	-.34542	- 32077	.49105	6 65995
1.205	4.297	-.32176	-.32717	-.32169	-.41274	-.35963	-.34355	-.32863	-.31316	.48153	6.64226
	GRADIENT	.00540	.00423	.00529	.00073	.00116	.00492	00567	.00435	-.00259	00106

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   55/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.600	-8 556	- 25751	-.24483	-.28388	-.44198	-.41517	- 40151	-.39244	-.24221	.29288	-6 32292
.600	-6.435	- 25419	- 24192	- 27733	-.42958	-.40224	-.38079	-.37571	- 23853	.29299	-6 35334
.599	-4.320	-.25206	-.24034	-.27051	-.42362	-.38788	-.36218	-.36051	-.23675	.29167	-6.36990
.599	-2.209	-.24538	-.23728	-.26174	-.41644	-.37636	-.34249	-.34557	-.23085	.29119	-6 37367
.600	- 081	-.23847	-.23325	-.25296	-.40952	-.36774	- 33045	-.33467	-.22510	.28670	-6 37426
.599	2.021	-.23368	-.23035	-.24647	-.40084	-.35715	-.32628	- 33013	-.21916	.28057	-6.36937
.600	4.136	-.22991	-.22489	-.24309	- 39471	-.35200	-.31962	-.32308	-.21636	.27180	-6 35872
	GRADIENT	.00265	.00179	00332	.00347	.00430	.00479	00427	.00248	-.00238	.00126

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA =	-6.000 ELV-LI = 10.000
ELV-LO =	4.000 ELV-RI = 10.000
ELV-RO =	4.000

RUN NO.   35/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9.060	-.32437	-.31117	-.33313	-.44083	-.43454	-.42096	-.41170	-.30507	.36187	-6.51595
.899	-6.831	-.31807	-.30432	-.32327	-.42850	-.42334	-.40347	-.39432	-.29666	.36006	-6.55357
.899	-4.606	-.31192	-.29169	-.31278	-.43517	-.41323	-.39131	-.39404	-.28468	.35639	-6.56007
.899	-2.385	-.30913	-.28063	-.30496	-.43386	-.39908	-.38063	-.38212	-.27698	.35449	-6.56597
.900	-.182	-.30234	-.27744	-.29775	-.43399	-.39464	-.39464	-.36309	-.36021	-.27300	.35021	-6.55663
.900	2.021	-.30519	-.26710	-.30048	-.44240	-.39702	-.35620	-.34996	-.26858	.34542	-6.54562
.899	4.254	-.30248	-.25823	-.30426	-.43515	-.39087	-.35137	-.34603	-.26687	.33899	-6.53608
GRADIENT		.00103	.00364	.00097	-.00038	.00212	.00471	.00579	.00199	-.00198	.00309

RUN NO.   40/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9.237	-.37339	-.37946	-.38097	-.52996	-.51289	-.47994	-.48517	-.36882	.43957	-6.58892
.975	-6.960	-.35821	-.36783	-.36314	-.53832	-.51349	-.45507	-.44931	-.35573	.43771	-6.61271
.975	-4.711	-.34569	-.34571	-.34901	-.53657	-.50087	-.44002	-.43540	-.33607	.43256	-6.62058
.975	-2.459	-.33778	-.33367	-.33915	-.52552	-.48033	-.42987	-.42648	-.32579	.42846	-6.62269
.975	-.230	-.33538	-.32631	-.33510	-.52802	-.47572	-.42257	-.42043	-.32071	.42772	-6.61233
.975	2.006	-.33385	-.32633	-.33492	-.53133	-.47973	-.41818	-.40899	-.32145	.42500	-6.60390
.975	4.259	-.33904	-.33037	-.33937	-.54750	-.48634	-.41937	-.40769	-.32435	.42050	-6.59473
GRADIENT		.00077	.00170	.00105	-.00124	.00132	.00236	.00325	.00124	-.00123	.00315

RUN NO.   50/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.143	-.35524	-.34334	-.39557	-.55726	-.50833	-.42198	-.42930	-.33749	.50115	-6.63935
1.149	-4.831	-.34926	-.33940	-.39016	-.54989	-.50319	-.41250	-.41456	-.33447	.49842	-6.64241
1.148	-2.530	-.34402	-.33407	-.37344	-.53592	-.48275	-.40176	-.40631	-.33005	.49748	-6.63938
1.149	-.263	-.33798	-.32924	-.36105	-.53100	-.47234	-.39146	-.39979	-.32513	.49505	-6.62643
1.149	2.012	-.33081	-.32651	-.34940	-.51843	-.46419	-.37905	-.38554	-.32028	.49069	-6.62084
GRADIENT		.00269	.00191	.00591	.00436	.00559	.00485	.00410	.00208	-.00112	.00340

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	0100			

BETA = -6.000   ELV-LI =   10.000
ELV-LO =   4.000   ELV-RI =   10.000
ELV-RO =   4.000

RUN NO   45/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.553	-.35985	-.34722	-.39580	-.55130	-.50054	-.42232	-.43181	-.34161	.51121	-6.66691
1 205	-7.185	- 35157	-.33976	-.39168	-.54477	- 48934	-.41379	-.42310	-.33279	.50829	-6.67448
1 205	-4 853	-.34554	- 33465	- .38666	-.53443	- 48098	-.39858	-.40240	-.32983	.50637	-6.68746
1 205	-2 542	-.34050	- 33052	-.37615	-.52698	- 46724	-.38761	-.39277	- 32596	.50572	-6 66809
1.205	- 264	-.33256	-.32430	-.36068	-.52255	- 45904	-.37427	-.38349	-.31902	.50331	-6 66809
1 205	2.009	-.32799	-.32379	- 35325	-.51273	-.45380	-.36296	-.36975	- 31680	.49954	-6.66328
1 205	4.282	-.32600	-.32423	- 35270	- 49826	-.44035	-.34953	-.35154	- 31671	.49050	-6 65809
	GRADIENT	00226	.00121	.00398	00379	00415	.00538	00546	.00155	-.00166	.00323

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ008)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA = -4.000   ELV-LI =   10.000
ELV-LO =   4.000   ELV-RI =   10.000
ELV-RO =   4.000

RUN NO.   54/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.515	-.25533	-.24493	-.27983	-.42469	-.39238	-.38761	- 37910	-.24003	.29376	-4.20840
.600	-6.406	- 25199	-.24350	-.27155	-.41123	-.38027	- 36940	-.36507	-.23612	.29447	-4.22959
600	-4 303	- 24612	-.24'34	-.26133	-.40509	-.36827	- 35132	-.35022	-.23123	.29387	-4.24515
.600	-2.198	-.24000	-.23875	- 25315	-.40211	-.36110	- 33387	-.33619	-.22700	.29251	-4.25512
.600	- 095	-.23258	-.22831	- 24841	- 39680	- 35560	-.32608	- 32954	-.22529	.28870	-4 25486
.599	2.012	-.22625	- 22522	-.23831	-.38679	- 34083	-.31887	- 32233	-.21592	.28061	-4 25166
.599	4.121	-.21811	- 21805	- 23038	-.38104	- 33568	-.31183	-.31548	-.20894	.27186	-4 24736
	GRADIENT	00331	00288	.00364	.00301	00406	.00446	.00396	00264	-.00266	-.00005

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ008)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT			BETA = -4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 4.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 4.000	
SCALE = .0100					

RUN NO.   34/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9.015	-.31362	-.30134	-.32320	-.41814	-.41131	-.42378	-.42147	-.29467	.36320	-4.33574
.899	-6.798	-.30970	-.29439	-.31426	-.41308	-.39998	-.40314	-.40486	-.28615	.35906	-4.35161
.899	-4.574	-.30706	-.28325	-.30771	-.41177	-.39005	-.39085	-.39234	-.27656	.35492	-4.35814
.899	-2.393	-.30249	-.27756	-.30147	-.40676	-.37610	-.36746	-.36592	-.27233	.34981	-4.35940
.899	-.175	-.29529	-.26761	-.29206	-.41578	-.37610	-.35102	-.34523	-.26349	.34464	-4.35597
.899	2.023	-.29323	-.25593	-.28811	-.42282	-.37731	-.34439	-.33603	-.25583	.33783	-4.34990
.899	4.226	-.29093	-.25207	-.28849	-.41680	-.37052	-.33961	-.33315	-.25230	.33478	-4.34332
	GRADIENT	.00189	.00382	.00235	-.00119	.00172	.00570	.00673	.00295	-.00237	.00178

RUN NO.   39/ 0   RN/L = 4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9.197	-.35936	-.36868	-.36647	-.50943	-.49703	-.47723	-.48920	-.35803	.44283	-4.37950
.976	-6.934	-.34257	-.35760	-.34899	-.51756	-.49371	-.45044	-.45896	-.34498	.43916	-4.39390
.975	-4.672	-.32577	-.34457	-.33349	-.50981	-.48056	-.43155	-.43490	-.33131	.43351	-4.39682
.975	-2.446	-.31710	-.32909	-.32268	-.50089	-.46035	-.42370	-.42509	-.31789	.42793	-4.38607
.975	-.212	-.31774	-.31947	-.31876	-.51131	-.46050	-.41296	-.40771	-.31054	.42455	-4.37137
.975	1.997	-.31741	-.32546	-.32309	-.51591	-.46356	-.40712	-.39761	-.31602	.42041	-4.36652
.974	4.238	-.31826	-.32289	-.32549	-.53060	-.47221	-.40592	-.39289	-.31324	.41736	-4.35984
	GRADIENT	.00066	.00211	.00070	-.00254	.00061	.00305	.00501	.00171	-.00179	.00420

RUN NO.   49/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.104	-.34804	-.33551	-.37468	-.54021	-.49397	-.40935	-.41759	-.32809	.49967	-4.42889
1.149	-4.795	-.34364	-.33203	-.36708	-.53620	-.48929	-.40093	-.40622	-.32599	.49649	-4.42960
1.149	-2.501	-.33770	-.32768	-.35434	-.52257	-.47099	-.39101	-.39603	-.32439	.49502	-4.42628
1.149	-.250	-.32880	-.32175	-.34427	-.51998	-.46508	-.38315	-.38568	-.31726	.49162	-4.41150
1.149	2.002	-.31726	-.31622	-.33056	-.51165	-.45953	-.37190	-.37174	-.30952	.48607	-4.41185
	GRADIENT	.00389	.00236	.00528	.00337	.00421	.00419	.00502	.00249	-.00153	.00300

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ008) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT	BETA =	-4.000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	Y'RP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHE'	ZMRP	=	400.0000 IN. ZT	ELV-RO =	4.000	
SCALE	=	.0100						

RUN NO. 44/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.494	-.35117	-.33873	-.38140	-.55177	-.50442	-.41115	-.41695	-.32851	.51201	-4.42811
1.205	-7.135	-.34444	-.33139	-.37658	-.52983	-.47990	-.40154	-.40941	-.32378	.50720	-4.43720
1.205	-4.816	-.33911	-.32571	-.36901	-.51460	-.46512	-.38576	-.39174	-.32224	.50366	-4.44123
1.205	-2.522	-.33304	-.32181	-.35891	-.50729	-.45314	-.37538	-.37938	-.31869	.50246	-4.43039
1.205	-.244	-.32632	-.31789	-.34862	-.50933	-.45077	-.36850	-.37087	-.31360	.49964	-4.41979
1.205	2.003	-.31515	-.31331	-.33262	-.50261	-.44675	-.35689	-.35665	-.30649	.49500	-4.41777
1.205	4.263	-.31109	-.31188	-.33029	-.48902	-.43325	-.34474	-.33954	-.30362	.48728	-4.41234
	GRADIENT	.00326	.00159	.00457	.00246	.00309	.00443	.00560	.00218	-.00177	.00311

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ009) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	4.000	
SCALE	=	.0100						

RUN NO. 53/ 0   RN/L =   3 17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.598	-8.496	-.24979	-.23955	-.26871	-.41182	-.33300	-.37454	-.37229	-.23824	.28924	.00403
.600	-6.384	-.24517	-.23651	-.25982	-.38840	-.31992	-.35702	-.35440	-.23521	.28894	.00469
.600	-4.283	-.24102	-.23136	-.25454	-.36920	-.31139	-.34124	-.33995	-.23108	.28689	.01273
.599	-2.190	-.23597	-.23169	-.24782	-.36297	-.30900	-.32865	-.33097	-.22658	.28669	.01702
.600	-.090	-.22906	-.22613	-.23787	-.35527	-.30103	-.32044	-.32313	-.22140	.28340	.02068
.599	2.008	-.21930	-.22000	-.22702	-.35255	-.30166	-.30778	-.30858	-.21525	.27640	.02354
.600	4.108	-.20423	-.21120	-.22237	-.35503	-.30109	-.29602	-.29548	-.20780	.26667	.01647
	GRADIENT	.00430	.00279	.00406	.00185	.00133	.00531	00531	.00276	-.00242	.00067

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ009)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT	BETA =	000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE =	.0100						

RUN NO.   33/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
900	-8 960	- 29958	-.28801	-.31690	-.39008	-.35723	-.42724	-.42101	- 28178	.35674	- 03323
900	-6.759	-.29723	-.28152	- 31825	-.37734	- 33623	-.40386	-.39987	- 27608	.34893	-.02265
899	-4.551	-.29406	- 28081	- 30861	-.35274	- 32269	-.37937	- 38075	-.27412	.34184	-.01970
899	-2 349	- 29582	-.28200	- 31148	-.33974	-.31607	-.34688	- 33963	-.27689	.33636	-.01299
.899	-.179	- 29009	- 27350	-.30231	-.35001	- 32243	-.33499	-.32069	-.26770	.33269	-.00158
.898	2.001	- 28581	-.27055	- 29816	-.36260	- 32994	-.32460	-.30288	- 26441	32829	.00684
.900	4 217	-.27643	-.26747	-.28857	-.37192	-.33226	-.32379	- 31185	-.26157	.32697	.00350
	GRADIENT	.00207	00174	00244	- 00280	-.00151	00609	.00797	.00172	-.00173	.00302

RUN NO   38/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.164	-.33430	- 34696	- 35150	-.50174	-.46288	-.46719	-.46329	-.33796	.43853	-.02549
.976	-6 907	-.32391	-.33855	-.33824	-.48893	-.44754	-.44664	-.44399	-.32986	.43427	-.01483
975	-4.659	-.31789	- 33877	- 33204	-.46869	-.42634	- 42469	-.42493	- 32790	.42646	-.00653
.976	-2 428	-.31322	-.34941	-.33306	-.44688	-.40509	-.41065	-.41224	-.33172	.42216	.00545
975	- 221	-.31385	-.35420	-.33639	-.44015	-.39936	-.40264	- 40371	-.33619	.41794	.01189
.974	1.998	-.31696	- 35435	- 34025	-.45349	-.40114	-.39623	-.39658	-.33995	.41219	.01945
.974	4.208	-.31995	-.35133	- 34251	-.47169	-.41385	-.38646	-.38234	-.33931	.40838	.01068
	GRADIENT	-.00035	- 00136	- 00127	- 00056	.00131	00410	.00455	-.00140	-.00208	.00219

RUN NO.   48/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7 071	-.34592	- 34500	- 35185	- 51534	- 46764	-.40963	-.40680	-.33289	49570	-.02794
1.149	-4 774	- 34025	-.34082	-.34840	-.50831	-.45951	- 40101	-.39690	-.32897	.49141	-.01978
1 149	-2 494	- 33050	- 33514	-.34237	-.49702	-.44178	- 38676	-.38255	-.32430	.48996	-.01113
1.149	-.253	- 31753	-.33695	-.33764	-.48672	-.42595	-.37393	-.36391	-.32141	.48616	.00296
1.148	2.015	-.30470	-.32977	-.32586	- 48571	-.42466	-.36001	-.34510	-.31182	.47891	.00056
	GRADIENT	.00529	.00139	00320	00345	00532	.00601	.00770	.00240	-.00183	.00332

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ009)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   4.000   ELV-RI =   10.000
ELV-RO =   4.000

RUN NO.   43/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.422	-.35294	-.34041	-.36194	-.51187	-.47013	-.41048	-.40836	-.32839	.50719	-.03348
1.205	-7.096	-.34140	-.33475	-.34927	-.49452	-.45116	-.39905	-.39774	-.32344	.50183	-.03184
1.206	-4.781	-.33361	-.33030	-.34257	-.48467	-.43790	-.38478	-.38220	-.31989	.49869	-.02526
1.205	-2.494	-.32634	-.32566	-.33695	-.47448	-.42159	-.36862	-.36505	-.31588	.49644	-.01264
1.205	-.242	-.31572	-.32190	-.33248	-.46537	-.40935	-.35818	-.34894	-.31140	.49328	.00039
1.205	2.005	-.30398	-.31927	-.32472	-.46661	-.40763	-.34556	-.33100	-.30498	.48698	-.00081
1.205	4.246	-.29508	-.31328	-.31325	-.46600	-.40684	-.33046	-.31680	-.29781	.47893	-.00411
	GRADIENT	.00441	.00179	.00314	.00201	.00338	.00584	.00731	.00244	-.00217	.00241

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA   =   4.000   ELV-LI =   10.000
ELV-LO =   4.000   ELV-RI =   10 000
ELV-RO =   4.000

RUN NO.   56/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.600	-8 511	-.25278	-.24259	-.26930	-.38005	-.28560	-.37411	-.36485	-.23351	.29280	4.21766
.600	-6 409	-.24756	-.23965	-.26144	-.36312	-.27795	-.35774	-.35151	-.22866	.29232	4.24025
.600	-4.306	-.24184	-.23517	-.25364	-.34519	-.26767	-.34112	-.33831	-.22334	.29190	4.25949
.600	-2 203	-.23865	-.23210	-.24573	-.32952	-.26393	-.32562	-.32528	-.21921	.28963	4 27405
.600	-.099	-.23429	-.22888	-.23968	-.32220	-.25714	-.32019	-.31966	-.21693	.28603	4.28150
.599	2 010	-.22663	-.22408	-.22977	-.32297	-.25293	-.31316	-.30902	-.21231	.27933	4 28237
600	4.125	-.21261	-.21939	-.22166	-.33227	-.26712	-.30353	-.30110	-.20897	.27091	4.26896
	GRADIENT	.00335	.00191	.00379	.00153	.00057	.00416	.00430	.00169	-.00248	.00129

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ010)   (24 JUN 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

BETA	=	4.000	ELV-LI =	10.000
ELV-LO	=	4.000	ELV-RI =	10.000
ELV-RO	=	4.000		

RUN NO. 36/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.013	-.31520	-.28536	-.34085	-.38230	-.31426	-.41700	-.41110	-.27756	.36023	4.31589
899	-6.783	-31032	-.28526	-.32595	-.36923	-.30950	-.39802	-.39368	-.27892	.35488	4.34832
.899	-4 562	-.29817	-27753	-31327	-.35337	-30243	-38493	-.38328	-.26894	.35001	4.35876
.899	-2.375	-.30160	-.27813	-31076	-.34417	-29879	-.35927	-.35415	-27212	.34577	4.37895
.899	-.180	-.29658	-.27123	-30531	-.33658	-29088	-34864	-33848	-.26521	.34145	4.38887
.899	2.010	-.29070	-.26302	-.29744	-33754	-28637	-.33448	-.31481	-.25912	.33632	4.38645
.899	4.232	-28560	-.26240	-.29314	-.35095	-.29314	-33502	-.32273	-.25793	33426	4.37863
	GRADIENT	.00164	.00206	00244	00052	.00141	.00567	.00729	00159	-00186	00214

RUN NO 41/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.216	-36146	-.35377	-.37228	-46012	-40996	-.46209	-.45591	-34528	.43905	4.33639
.975	-6.939	-34071	-34094	-.35387	-44973	-.40302	-.43667	-.43453	-.33162	.43424	4.36237
.975	-4.677	-.32280	-33146	-.34377	-43372	-.38702	-.41899	-.41519	-.32140	.42829	4.37643
.975	-2.452	-30870	-32298	-.33230	-.41905	-.36821	-.40907	-.40983	-31240	.42394	4.38998
.974	-.228	-30185	-32165	-.32777	-.40700	-.35117	-.40810	-.40720	-.31085	.42144	4.39563
.975	1.990	-.30111	-.32121	-.32453	-.41107	-.35258	-.39548	-.39308	-.31093	.41535	4.39590
.974	4 224	-.30262	-.32252	-32574	-42842	-.37142	-.39229	-.37168	-.31234	.41002	4 38299
	GRADIENT	.00216	.00088	00197	00083	.00210	.00301	.00511	.00088	-.00203	.00085

RUN NO. 51/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.109	-36999	-36377	-.37189	-47582	-.43118	-41578	-40881	-.35222	.50091	4.37167
1.149	-4.796	-.36085	-.35668	-36370	-46470	-.41793	-.40132	-.39333	-.34290	.49671	4.39408
1.149	-2.522	-34902	-.34727	-.35283	-.44902	-.39601	-38646	-38032	-.33322	49223	4.40878
1.149	-.244	-.34053	-.34119	-34501	-.43336	-37446	-.37632	-.36815	-32695	.48798	4.42245
1.149	1.999	-.32526	-.32927	-33632	-.43166	-.37544	-36347	-.35077	-.31437	48061	4.41793
	GRADIENT	.00508	00390	.00397	00507	.00658	00546	.00617	.00405	-.00232	.00377

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO   46/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.491	-.37501	-.36190	-.37486	- 47205	-.42503	-.41315	-.40499	-.35134	.51074	4.37414
1.205	-7.140	-.36855	-.35779	- 37085	- 46128	- 41805	-.40309	-.39520	-.34768	.50735	4.39499
1.205	-4 820	-.35664	-.34915	-.35906	-.44571	-.40203	-.38751	-.37818	-.33633	.50246	4.41305
1.205	-2.515	-.34574	-.34178	-.34856	-.43199	-.38066	-.37375	-.36523	-.32796	.49835	4.42700
1 205	- 255	-.33251	- 33290	-.33689	-.41401	-.35524	- 36216	- 35328	-.31907	.49423	4.43793
1.205	1.989	-.32435	- 32619	-.32921	-.41336	-.35448	- 35023	- 33919	-.31055	48732	4.44109
1.205	4.270	-.31091	-.31729	-.31941	- 42669	-.37257	-.33763	-.32577	-.30299	.47946	4.42825
	GRADIENT	00498	00350	.00435	00250	.00376	.00544	.00577	.00371	-.00251	.00196

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976.0000 IN. XT   BETA   =   6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   57/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.600	-8.561	-.25634	- 24614	-.27360	-.34526	-.27152	-.37802	-.37104	- 24143	.29199	6.29387
.600	-6 437	-.25254	-.24500	-.26659	-.33122	-.26204	-.36150	-.35680	-.23498	.29112	6.33093
.600	-4 314	-.24742	- 24138	-.25922	- 32049	- 25809	-.34470	-.34208	-.22814	.29078	6.37074
.600	-2 214	-.24436	- 23912	-.25502	- 31491	-.25199	-.33378	-.33211	-.22453	.28889	6.39519
.600	- 098	- 23914	- 23391	-.24735	-.30783	-.24167	-.32461	- 32180	- 22120	.28496	6.40437
.600	2 030	-.23276	- 23115	-.24043	- 31491	-.24934	-.31954	-.31484	-.21978	.27846	6.40083
599	4 133	- 22287	-.22565	-.23248	- 32398	-.25716	-.31019	- 30699	-.21502	.26912	6.39825
	GRADIENT	.00287	00192	00322	- 00033	.00021	.00394	00414	00147	-.00254	.00192

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000	
SCALE = .0100			

RUN NO. 37/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9.059	-.32042	-.30028	-.34319	-.35076	-.28802	-.42783	-.41644	-.29170	.35931	6.46081
.899	-6.826	-.31032	-.29278	-.32929	-.33932	-.28781	-.40736	-.40684	-.28521	.35549	6.49924
.899	-4.591	-.29980	-.28082	-.31680	-.32828	-.28503	-.39298	-.39839	-.27223	.35247	6.52228
.899	-2.404	-.29923	-.27902	-.31142	-.32357	-.28100	-.37774	-.37833	-.27121	.34903	6.54134
.900	-.212	-.29555	-.27246	-.30629	-.31742	-.26964	-.36078	-.35253	-.26701	.34562	6.55258
.900	2.022	-.29698	-.26909	-.30638	-.32924	-.27845	-.35146	-.33796	-.26486	.34166	6.54501
.899	4.243	-.29208	-.26393	-.30161	-.34028	-.28046	-.34853	-.33948	-.25936	.33637	6.52889
GRADIENT		.00080	.00198	.00160	-.00135	.00052	.00521	.00724	.00145	-.00179	.00075

RUN NO. 42/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9.234	-.38044	-.38194	-.38355	-.41133	-.34957	-.46617	-.45625	-.36870	.43661	6.51634
.975	-6.980	-.36309	-.36772	-.37007	-.40597	-.35114	-.44549	-.43817	-.35646	.43472	6.54830
.975	-4.720	-.33754	-.35322	-.35413	-.39824	-.34719	-.42649	-.42197	-.34245	.42967	6.57390
.975	-2.473	-.32278	-.34451	-.34274	-.39039	-.33746	-.41771	-.41525	-.33415	.42490	6.58504
.974	-.227	-.30813	-.33322	-.32825	-.38721	-.32763	-.41236	-.41084	-.32315	.42198	6.59045
.974	1.995	-.30588	-.32805	-.32506	-.39569	-.33510	-.40362	-.39193	-.31892	.41656	6.58699
.974	4.246	-.31313	-.32980	-.33187	-.41089	-.35165	-.39965	-.38123	-.32077	.41056	6.56988
GRADIENT		.00293	.00283	.00278	-.00136	-.00029	.00303	.00468	.00262	-.00208	-.00027

RUN NO. 52/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.156	-.38329	-.38135	-.38165	-.43106	-.38588	-.42178	-.41370	-.37076	.50096	6.57481
1.149	-4.845	-.37457	-.37553	-.37434	-.42696	-.37885	-.40699	-.39854	-.36214	.49838	6.60383
1.149	-2.551	-.35980	-.36190	-.36090	-.42118	-.37011	-.39621	-.38730	-.34794	.49351	6.61982
1.149	-.266	-.34724	-.35121	-.34922	-.41114	-.34820	-.38708	-.37928	-.33706	.48785	6.62963
1.148	2.001	-.33438	-.34059	-.33851	-.42090	-.36457	-.37296	-.36257	-.32578	.48157	6.62836
GRADIENT		.00583	.00506	.00522	.00124	.00284	.00487	.00508	.00526	-.00246	.00366

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   47/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9 552	-.38184	- 37411	-.38077	- 43919	-.38949	-.42384	-.41460	-.36825	.50995	6.55864
1 205	-7.185	-.37903	-.37203	- 37941	- 42919	-.38093	-.41311	-.40377	-.36265	.50665	6.58113
1.205	-4 857	-.37096	-.36514	- 37073	- 41872	-.36857	-.39082	-.38302	- 35288	.50210	6.60480
1 205	-2 566	- 35518	- 35218	- 35616	- 40855	- 35454	-.37867	-.37095	-.33873	.49791	6.62453
1 205	- 270	- 34084	- 34247	- 34430	-.39587	-.33045	-.37075	- 36250	- 32820	.49322	6.63295
1.205	2 003	- 33033	-.33531	-.33409	- 40320	- 34380	- 35944	-.34939	-.32067	.48789	6.63266
1.205	4 275	-.32220	-.32701	- 32283	- 41298	-.35799	- 34627	-.33235	-.31345	47877	6.61933
	GRADIENT	.00536	00408	.00516	00074	00141	00474	.00538	.00425	-.00248	.00163

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT   XMRP =   976.0000 IN XT   BETA   = -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = 14.000   ELV-RI =   10 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO = 14.000
SCALE =   .0100

RUN NO   80/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8 515	-.25883	- 24649	-.28292	- 44136	- 42058	- 39523	-.38623	-.24306	.29629	-6.31660
.599	-6.414	-.25701	- 24487	-.27767	-.43034	- 40843	-.37661	-.37238	-.24087	.29752	-6.34656
.599	-2.189	-.24978	-.24033	-.26436	-.41738	-.38185	-.34034	-.34315	-.23386	29514	-6.37050
.598	-.073	-.24241	-.23580	- 25536	-.40866	- 36941	-.32699	-.33133	-.22836	.29075	-6.36909
.599	2 046	- 23782	- 23161	- 24887	- 39995	- 35826	-.32329	-.32668	-.22359	.28543	-6 36479
.598	4 162	- 23367	- 22480	-.24437	- 38703	- 34797	-.31505	-.31787	-.22039	.27599	-6.35255
	GRADIENT	.00250	00240	00314	00471	.00533	00376	.00380	00213	-.00296	00275

RUN NO   75/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 044	-.31746	-.30391	-.32392	-.45042	-.44704	- 42359	- 41278	- 29778	.36943	-6 51371
.900	-6 806	-.31101	- 29312	-.31615	-.44122	-.43695	-.40744	-.39686	- 28787	36669	-6.55220
.900	-4 589	-.29909	-.27531	-.30449	-.44502	-.42422	-.39471	-.40013	-.27273	.36318	-6.55929
.900	-2 380	-.29586	- 26761	-.29871	- 44242	- 41223	-.39538	-.38643	-.26748	.36025	-6.56083
899	- 158	-.29237	- 26299	-.29277	-.44262	-.40705	-.36696	-.36466	- 26297	.35625	-6.55342
899	2 067	- 29369	- 25657	-.29218	-.45080	-.41018	-.35575	-.34864	- 26192	.35013	-6.53977
900	4.293	- 29382	- 25327	-.29410	-.43645	-.39455	-.34843	-.34055	-.26197	.34430	-6.53411
	GRADIENT	.00057	.00248	.00123	00039	.00276	.00550	.00707	.00122	- 00216	.00322

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14 000
SCALE =   0100

RUN NO.   65/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.245	- 37705	-.38338	=.38142	-.53588	-.51882	-.47788	-.47387	- 37229	.44941	-6.59309
.976	-6 953	-.35888	-.36917	-.36279	-.54780	-.52176	-.45572	-.44333	- 35673	.44721	-6 61475
.975	-4.689	-.34225	-.34607	-.34663	-.54629	-.51011	-.43905	-.43401	-.33629	.44124	-6.61931
.975	-2.451	-.33217	- 34384	-.33596	- 53713	-.49236	-.42747	-.42274	- 32509	.43785	-6.61313
975	-.189	-.32581	-.32541	- 32910	-.53598	- 48738	- 41978	- 41733	-.31800	.43459	-6.59514
.975	2.038	-.32497	-.32365	-.32930	-.53679	-.49067	-.41355	-.40500	-.31738	.43198	-6.59189
.975	4 293	- 32787	-.32862	-.33137	-.55172	-.49366	-.41246	-.40183	-.3205P	.42874	-6.57832
	GRADIENT	00160	.00201	.00166	- 00047	00154	.00299	00366	001⁻¹	-.00137	00460

RUN NO   70/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.126	- 35732	- 34547	- 39752	- 56309	- 51742	- 41911	-.42576	- 34004	.50780	-6 66085
1 149	-4.810	- 35159	-.34160	- 39089	-.55435	-.51034	-.40842	-.40928	- 33700	.50519	-6.66821
1.149	-2.503	- 34676	- 33687	- 37715	-.54138	-.49260	- 39944	-.40232	-.33236	.50478	-6.66239
1.149	-.239	- 33907	- 33022	- 35966	-.53378	=.48159	- 38506	-.39246	- 32569	.50145	-6 65395
1.149	2.036	-.33299	-.32856	- 35092	-.52131	- 47116	-.37382	-.37937	-.32137	.49636	-6.64770
	GRADIENT	00278	00201	.00603	.00468	00564	.00518	.00437	.00235	-.00131	.00307

RUN NO.   60/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.199	-9.537	-.36283	-.35021	-.39857	-.55605	- 50890	-.42316	-,43292	-.34445	51801	-6 67605
1.200	-7.171	-.35411	- 34179	- 39400	-.55078	- 49742	-.41118	-.42039	-.33575	.51496	-6.68300
1.200	-4.833	- 34964	- 33950	-.39154	- 53935	-.48968	-.39780	-.40044	-.33354	.51321	-6.68687
1.199	-2 526	-.34463	-.33376	- 38052	-.53233	-.47670	-.38631	-.39067	-.32943	51242	-6.68244
1.200	-.243	-.33533	- 32630	- 36402	-.52810	- 46983	- 37150	-.37928	-.32097	.50998	-6.67142
1 200	2.034	-.33013	- 32505	-.35595	-.51674	-.46071	- 35945	-.36517	-.31830	.50562	-6.66797
1.200	4 300	- 32773	- 32529	-.35394	-.50234	-.44504	- 34472	- 34665	- 31744	.49596	-6.65857
	GRADIENT	00256	.00154	.00437	00392	.00461	.00583	00583	00190	-.00181	.00311

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   79/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.497	-.25785	-.24819	-.28079	-.42674	-.40257	-.38387	-.37546	-.24153	.29943	-4.23764
.599	-6.375	- 25467	- 24710	-.27287	-.41314	-.38859	-.36550	-.36013	-.23891	.29944	-4.26228
.599	-4.269	-.24817	-.24460	-.26338	-.40670	-.37603	-.34603	-.34579	-.23164	.29839	-4.27343
.599	-2.168	-.24297	-.24151	-.25514	-.40319	-.36682	-.33034	- 33163	-.22835	.29717	-4 28067
.599	- 060	- 23643	-.23498	- 24881	-.39397	- 35534	-.32075	- 32242	-.22468	.29239	-4 28474
.598	2 035	-.22866	-.22723	- 23975	-.38314	-.33991	-.31384	-.31666	- 21691	.28485	-4 28220
.599	4.154	-.22179	-.22018	-.23213	-.37730	-.33449	-.30672	-.31011	-.21025	.27696	-4.28555
	GRADIENT	.00319	.00300	00370	.00375	00522	.00452	.00410	.00258	-.00262	- 00122

RUN NO.   74/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 002	- 30705	- 28906	-.31410	-.43250	- 42377	-.42568	-.42517	-.28414	.37077	-4.35853
900	-6.775	-.30149	- 28037	- 30498	-.42457	-.41059	-.40744	-.40961	-.27455	.36547	-4.37470
899	-4 559	-.29425	-.27000	-.29755	- 42283	- 40269	- 39550	-.39745	-.26629	.36136	-4.38399
.900	-2.357	-.29494	-.26477	-.29388	-.41896	-.39034	- 37061	-.36932	- 26151	.35697	-4.38420
.899	-.154	-.29385	- 26053	- 29156	-.42436	- 38822	-.35413	-.34837	- 25648	.35034	-4.37645
899	2.056	- 29232	-.25253	-.28691	-.43159	-.39234	-.34417	-.33517	-.25441	.34527	-4.36782
.900	4 281	-.28734	- 25017	- 28150	-.42246	-.38102	-.33803	-.33027	-.25182	.34080	-4.36595
	GRADIENT	00075	00235	.00177	-.00054	.00187	.00640	.00762	.00163	-.00239	00237

RUN NO.   64/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.189	- 36086	-.37313	-.36590	-.52080	-.50592	-.47697	-.48694	- 36078	.45244	-4 39478
975	-6.911	-.33950	- 35915	- 34605	-.52726	-.50123	- 44901	- 45132	-.34463	.44722	-4.40576
.975	-4.672	- 31892	- 34338	-.32947	-.51887	-.48765	-.42916	- 43034	- 32957	44142	-4 40526
.975	-2.425	- 30705	- 32627	-.31816	- 51283	-.47086	-.41991	- 41871	-.31440	.43619	-4 40016
.975	-.184	-.30290	- 31736	- 31186	- 52111	-.47303	-.41018	-.40431	-.30622	.43237	-4.39011
.975	2 042	-.30163	-.31909	- 31544	- 52756	-.48021	-.40391	-.39215	- 30815	.42844	-4.38041
.975	4.267	-.30216	-.32077	-.31826	- 54174	-.48567	- 40210	-.38816	-.30931	.42655	-4.37302
	GRADIENT	.00175	.00235	00113	-.00270	- 00024	.00314	.00497	.00210	-.00168	.003/7

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   -4.000   ELV-LI = 10.000
ELV-LO = 14.000   ELV-RI = 10.000
ELV-RO = 14.000

RUN NO. 69/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.088	-.35190	- 33878	-.37979	-.54763	-.50446	-.40918	- 41685	-.33086	.50774	-4.43587
1.149	-4 777	-.34578	- 33396	-.36782	-.54270	-.49832	-.39711	-.40220	-.32806	.50429	-4.43792
1.149	-2 482	-.33969	-.32944	-.35475	-.52868	- 48081	-.38705	- 39150	-.32593	.50230	-4.42875
1.149	- 242	- 33031	-.32313	-.34384	-.52669	- 47791	-.37834	- 38021	-.31851	.49849	-4.42163
1.149	2 024	-.31884	- 31795	-.33158	-.51661	- 46904	-.36716	- 36627	-.31028	.49257	-4.41848
	GRADIENT	.00398	.00240	.00528	.00355	.00401	.00435	.00526	.00268	-.00172	.00289

RUN NO. 59/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.199	-9 478	-.35544	- 34266	- 38461	-.55485	-.50887	-.41053	- 41722	-.33274	.51889	-4.44957
1.200	-7.114	-.34932	-.33530	- 38094	- 53390	- 48543	-.40125	-.41028	- 32863	.51455	-4 45888
1.200	-4 798	- 34329	-.32901	- 37350	- 52230	-.47462	-.38533	-.39122	-.32576	.51118	-4.45580
1.200	-2 502	-.33739	- 32547	-.36321	-.51458	-.46376	-.37474	- 37838	-.32230	.51025	-4.44869
1.199	-.229	-.32748	- 31927	-.34801	-.51722	-.46414	-.36386	- 36560	-.31511	50665	-4.43513
1.200	2 023	-.31498	-.31347	-.33132	-.50521	-.45277	-.35102	-.34979	- 30677	50127	-4 43507
1.199	4.285	- 31234	- 31282	- 33130	-.49223	-.43799	-.33946	-.33354	- 30396	.49269	-4.42860
	GRADIENT	.00372	00196	00513	00306	00371	.00509	.00634	.00261	-.00202	.00300

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT
SCALE = .0100	

PARAMETRIC DATA

BETA = .000	ELV-LI = 10.000
ELV-LO = 14.000	ELV-RI = 10.000
ELV-RO = 14.000	

RUN NO. 78/ 0   RN/L = 3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.472	-.25289	-.23979	-.26979	-.41613	-.34723	-.36977	-.36705	-.23864	.29553	-.02036
.598	-6.364	-.24838	-.23795	-.26226	-.39218	-.33293	-.35356	-.35123	-.23718	.29404	-.01836
.598	-4.265	-.24394	-.23504	-.25536	-.37286	-.32182	-.33786	-.33629	-.23255	.29283	-.01681
.598	-2.182	-.23780	-.23176	-.24830	-.36348	-.31505	-.32480	-.32667	-.22698	.29125	-.00922
.598	-.072	-.23085	-.22770	-.23851	-.35637	-.30799	-.31599	-.31767	-.22235	.28785	-.00598
.599	2.031	-.22165	-.22137	-.22723	-.35177	-.30595	-.30348	-.30383	-.21640	.28076	-.00338
.599	4.131	-.20641	-.21282	-.22305	-.35110	-.30114	-.29143	-.29045	-.20918	.27171	-.00554
	GRADIENT	.00434	.00261	.00408	.00263	.00240	.00544	.00545	.00273	-.00251	.00135

RUN NO. 73/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-8.952	-.29079	-.28837	-.30136	-.40799	-.37782	-.42878	-.42111	-.28121	.36653	-.05611
.900	-6.752	-.29060	-.28326	-.30284	-.39369	-.35348	-.40440	-.39997	-.27610	.35809	-.04552
.899	-4.544	-.28886	-.29208	-.29778	-.36658	-.33551	-.37874	-.37935	-.27334	.34962	-.04452
.900	-2.343	-.28972	-.28194	-.29996	-.35390	-.32724	-.34724	-.34025	-.27512	.34474	-.03733
.900	-.141	-.28638	-.27447	-.29506	-.36253	-.33049	-.33451	-.32149	-.26708	.34202	-.02693
.900	2.056	-.28392	-.27179	-.29172	-.37553	-.33968	-.32491	-.30383	-.26316	.33824	-.01852
.900	4.267	-.27597	-.26632	-.28479	-.38116	-.34064	-.32086	-.30840	-.25759	.33449	-.02055
	GRADIENT	.00143	.00189	.00155	-.00231	-.00103	.00627	.00810	.00197	-.00167	.00303

RUN NO. 63/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.162	-.32946	-.34750	-.34888	-.50779	-.47150	-.46748	-.46305	-.33627	.44775	-.04149
.975	-6.892	-.31831	-.33998	-.33518	-.49362	-.45477	-.44647	-.44339	-.32875	.44184	-.03763
.975	-4.632	-.30915	-.33840	-.32617	-.47759	-.43542	-.42388	-.42299	-.32354	.43368	-.02935
.975	-2.411	-.30110	-.34620	-.32567	-.46278	-.41960	-.40763	-.40778	-.32462	.42888	-.00934
.975	-.189	-.30046	-.34681	-.32648	-.46039	-.41639	-.39623	-.39575	-.32699	.42555	-.00787
.975	2.004	-.30392	-.34944	-.33004	-.47028	-.41757	-.39099	-.38783	-.33251	.42090	-.00151
.975	4.239	-.30387	-.34607	-.33205	-.47736	-.42724	-.38182	-.37079	-.33070	.41591	-.00253
	GRADIENT	.00035	-.00084	-.00067	-.00032	.00083	.00455	.00561	-.00100	-.00196	.00277

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ014)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT	BETA =	.000	ELV-LI = 10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	14 000	ELV-RI = 10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	14.000	
SCALE =	.0100					

RUN NO.   68/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.052	-.34963	- 34811	-.35490	-.52485	-.48279	-.41161	-.40851	-.33467	.50384	-.02983
1 149	-4.732	- 34159	-.34203	-.34910	- 51630	-.47121	-.39678	-.39211	- 33014	.49975	-.02344
1.149	-2.464	-.32957	-.33639	-.34420	-.50386	-.45381	-.38285	-.37818	-.32440	.49823	-.01073
1.149	- 233	- 31294	-.33525	-.33433	-.49415	-.43871	-.36585	- 35346	-.31849	.49433	00174
1.149	2.013	- 30186	- 32743	-.32219	- 49232	-.43583	- 35251	-.33671	-.30963	.48705	.00750
	GRADIENT	.00604	.00200	.00403	00364	00540	.00667	00850	.00300	- 00187	.00469

RUN NO   58/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.199	-9.408	-.35558	- 34379	- 36441	- 51835	- 47868	-.41095	- 40854	- 33090	.51381	-.02663
1.200	-7.082	-.34426	-.33845	- 35177	-.49971	-.46033	-.39819	-.39650	-.32654	.50915	-.02792
1.200	-4.772	- 33632	-.33404	- 34484	- 49018	-.44612	-.38035	-.37785	-.32349	.50675	-.02108
1.200	-2.473	- 32961	-.33015	- 34131	- 48205	-.43305	-.36870	- 36404	-.31941	.50420	- 00772
1 199	- .236	-.31807	- 32521	-.33593	-.47456	- 42304	-.35680	- 34719	-.31374	.50141	.00665
1 200	2 017	- 30269	- 31949	- 32374	- 47272	-.41656	-.33926	-.32362	- 30515	.49434	.00949
1.199	4 265	- 29555	-.31401	- 31430	- 47191	-.41452	-.32703	-.31255	- 29820	.48522	00029
	GRADIENT	00480	.00225	.00348	.00203	.00353	.00603	.00758	.00287	-.00234	00266

LARC 8FT TPT '749 (IA93) OTSAT130   (RJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO   81/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8 498	- 25668	-.24435	-.27146	-.38326	-.29201	-.37174	-.36142	- 23521	.29696	4.17773
.599	-6 389	-.24990	-.24044	-.26261	- 36372	-.28144	-.35332	-.34643	- 22807	.29698	4.20193
.599	-4.293	-.24462	- 23764	-.25544	- 34573	-.27162	-.33893	-.33547	-.22412	.29747	4 22091
.599	-2.183	- 24020	- 23341	-.24705	- 32825	-.26552	-.32182	-.32045	-.21931	.29379	4.23309
.599	- 074	-.23581	- 22961	-.24059	-.31950	-.25867	-.31497	-.31322	-.21607	.28975	4.24038
.599	2 032	-.22885	- 22608	-.23288	- 32146	-.25933	-.30970	-.30452	-.21331	.28419	4.24147
.598	4.153	- 21366	- 22008	- 22081	-.32747	- 26806	-.29700	-.29334	-.20823	.27417	4.22746
	GRADIENT	.00347	.00201	00395	.00205	.00063	.00455	.00475	.00179	-.00266	.00102

RUN NO   76/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9 001	-.30827	-.28601	- 33219	-.39155	-.32261	- 41915	-.41338	- 27729	.36842	4.27346
.900	-6.770	-.29840	-.28054	-.31452	-.37628	- 31556	-.39882	-.39384	-.27294	.36310	4.30214
.900	-4.555	-.28652	-.27238	-.30000	-.35985	-.30740	-.38405	- 38321	-.26219	.35846	4.31488
.900	-2.366	-.28936	-.27141	-.29871	-.34920	-.30176	-.36088	-.35624	-.26357	.35398	4.33798
.900	- 161	- 28878	- 26646	- 29679	-.33969	-.29157	-.34633	-.33677	-.25928	.35014	4 34509
.900	2.058	-.28577	- 25900	- 29345	-.33979	- 28823	-.33289	-.31339	- 25227	.34398	4 33956
.899	4 286	-.28167	-,25924	- 20959	-.35252	- 29934	-.33175	-.31894	-.25262	34013	4 33080
	GRADIENT	.00060	00175	00118	.00108	00134	.00599	.00775	00138	-.00211	.00150

RUN NO.   66/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.199	- 36173	- 35650	- 37627	-.46804	-.42354	-.46240	-.45684	-.34695	.44923	4.30851
.976	-6.919	-.33610	- 34190	-.35859	-.45814	- 41591	- 43903	-.43710	-.33109	.44409	4.33171
.975	-4.665	-.31068	-.33061	- 34111	-.44057	-.39637	-.41803	-.41496	-.31844	.43726	4.34595
.975	-2.434	-.29773	-.32348	-.32893	-.42292	-.37489	-.40843	-.40837	-.31006	.43210	4.35961
.975	-.199	-.29176	-.32208	-.32360	- 41125	-.35724	-.40442	-.40114	-.30918	.42982	4.36562
975	2.025	- 29242	-.32141	-.32199	-.41815	-.36692	-.39506	-.37957	-.30943	.42311	4.36586
.975	4.279	-.29490	-.32284	-.32446	- 43852	-.39163	-.38997	-.36682	-.31108	.41961	4.35235
	GRADIENT	00165	00079	.00180	00039	.00077	.00311	.00560	.00069	-.00198	.00089

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	4.000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	14.000		
SCALE =	.0100						

RUN NO.   71/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.096	-.37042	-.36388	-.37241	-.48146	-.43914	-.41340	-.40697	-.35239	.50872	4.37460
1.149	-4.783	-.36076	-.35701	-.36352	-.47036	-.42621	-.39768	-.39016	-.34293	.50390	4.39517
1.149	-2.489	-.34935	-.34774	-.35223	-.45332	-.40340	-.38222	-.37627	-.33273	.49920	4.40331
1.149	-.226	-.34160	-.34112	-.34562	-.43654	-.38320	-.37202	-.36422	-.32600	.49498	4.41319
1.149	2.034	-.32222	-.32767	-.33890	-.43625	-.39383	-.35774	-.34441	-.31209	.48693	4.41814
	GRADIENT	.00543	.00417	.00354	.00525	.00649	.00573	.00657	.00437	-.00243	.00347

RUN NO   61/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.470	-.37720	-.36365	-.37721	-.48157	-.43725	-.41286	-.40585	-.35257	.51835	4.36945
1.200	-7.119	-.37037	-.35782	-.37166	-.47052	-.42818	-.40090	-.39461	-.34666	.51466	4.38955
1.200	-4.803	-.35898	-.35142	-.36095	-.45698	-.41340	-.38646	-.37882	-.33764	.50988	4.41411
1.200	-2.505	-.34652	-.34332	-.34925	-.43998	-.39036	-.37132	-.36350	-.32871	.50562	4.42192
1.199	-.275	-.33500	-.33534	-.33930	-.42166	-.36745	-.36064	-.35265	-.32000	.50153	4.43331
1.199	2.029	-.32641	-.32515	-.33110	-.41919	-.36401	-.34493	-.33424	-.30945	.49422	4.43821
1.199	4.275	-.31224	-.31723	-.32327	-.43083	-.38122	-.33484	-.32234	-.30196	.48541	4.42797
	GRADIENT	.00501	.00381	.00412	.00322	.00400	.00571	.00627	.00399	-.00266	.00194

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ016) (24 JUN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	= 6.000
ELV-LO	= 14.000
ELV-RO	= 14.000
ELV-LI	= 10.000
ELV-RI	= 10.000

RUN NO 82/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8 537	-.25949	- 24641	-.27442	-.34675	-.27122	-.37454	- 36728	-.24241	.29671	6.27157
.599	-6 404	-.25540	-.24727	-.26922	-.33170	-.26185	-.35930	- 35261	-.23453	.29571	6.30318
.599	-4 309	-.25298	-.24731	- 26625	- 32312	- 26210	-.34638	- 34253	-.23073	.29519	6.33110
599	-2 196	-.24505	-.23978	- 25569	-.31157	- 25153	-.33006	-.32698	-.22493	.29380	6 34857
.599	- 077	-.24108	-.23773	- 25192	-.30606	- 24340	-.32244	- 31840	-.22307	.28871	6.35750
.599	2 039	-.23166	- 23137	-.24140	- 30986	-.24960	-.31351	-.30814	-.21859	.28329	6.35125
.599	4 160	-.22403	-.22832	-.23436	-.32109	-.25892	-.30342	- 30110	-.21516	.27341	6.34014
	GRADIENT	00337	00219'	00369	.00027	.00039	00484	00480	.00177	-.00255	00098

RUN NO. 77/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-9.045	-.31762	- 30116	- 33973	-.35639	-.28948	-.42873	-.41815	-.29211	.36671	6.42444
.899	-6.809	-.30404	- 29130	-.32228	-.34497	-.28890	-.40599	-.40604	-.28303	.36279	6.46370
899	-4.587	-.29194	- 28148	-.30856	-.33437	-.28680	-.39237	- 39779	-.27096	.35929	6.48608
900	-2 382	-.29270	-.28066	-.30618	-.32662	-.28051	-.37755	- 37805	-.27148	.35697	6 50855
.900	- 170	-.29285	- 27501	-.30363	- 32060	- 27072	-.35919	- 35187	-.26762	.35321	6.51893
.900	2 061	-.29332	- 26808	-.30231	-.32912	- 27654	-.34805	-.33435	- 26169	.34820	6 51028
.900	4 285	- 28915	-.26393	-.29916	-.34048	- 28322	-.34308	- 33263	-.25833	.34252	6.49855
	GRADIENT	00022	.00215	.00102	-.00067	00050	00577	.00784	00158	-.00191	.00119

RUN NO. 67/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.252	-.38771	-.38912	-.38822	- 42076	- 36076	- 47006	-.46015	-.37361	.44774	6.48439
.976	-6 949	- 36366	- 36970	-.37282	-.40978	-.35653	-.44693	-.43869	-.35715	.44434	6.51686
.975	-4 694	-.32896	-.35433	-.35251	-.40218	-.35358	-.42734	- 42199	- 34084	.43885	6.53263
.975	-2 450	-.31254	-.34417	- 33842	-.39473	-.34322	-.41844	- 41423	-.33159	.43339	6.55074
.975	-.193	-.29954	-.33378	-.32505	-.39417	-.33480	-.41052	- 40683	-.32244	.43010	6.55684
.975	2.046	-.29800	-.32862	-.32310	-.40124	-.34527	- 40176	-.38689	-.31759	.42442	6 54963
.975	4.276	- 30234	-.32943	-.32753	-.41891	-.36552	-.39666	-.37620	-.31830	.42006	6 53070
	GRADIENT	.00302	.00291	00291	-.00178	-.00115	.00348	00530	.00264	-.00207	-.00022

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ016)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   72/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.135	-.38650	-.38444	-.38467	-.43582	-.39179	-.42254	-.41400	-.37177	.50814	6.58732
1.149	-4.812	-.37644	-.37625	-.37446	-.43012	-.38471	-.40255	-.39438	-.36264	.50506	6.61929
1.149	-2.515	-.36162	-.36257	-.36116	-.42196	-.37371	-.39218	-.38355	-.34793	.49974	6.63737
1.149	-.230	-.34916	-.33115	-.34957	-.41267	-.35126	-.38140	-.37388	-.33660	.49418	6.64804
1.149	2.036	-.33397	-.33792	-.33728	-.42386	-.37255	-.36477	-.35366	-.32382	.48706	6.64541
GRADIENT		.00613	.00554	.00539	.00124	.00259	.00543	.00577	.00560	-.00261	.00391

RUN NO.   62/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.538	-.38949	-.36168	-.38892	-.44922	-.39825	-.43135	-.42100	-.37252	.51752	6.55886
1.200	-7.167	-.38372	-.37665	-.38318	-.43653	-.38826	-.41297	-.40442	-.36559	.51401	6.58389
1.200	-4.835	-.37300	-.36658	-.37086	-.42393	-.37622	-.38738	-.38010	-.35389	.50927	6.60477
1.200	-2.539	-.35859	-.35500	-.35822	-.41427	-.36250	-.37761	-.37015	-.34094	.50473	6.62227
1.199	-.238	-.34400	-.34477	-.34592	-.40261	-.33920	-.36773	-.36009	-.33006	.49981	6.63233
1.200	2.015	-.33323	-.33528	-.33464	-.40901	-.35494	-.35362	-.34301	-.32040	.49399	6.63318
1.200	4.295	-.32368	-.32603	-.32351	-.41817	-.36723	-.34022	-.32430	-.31285	.48401	6.61400
GRADIENT		.00544	.00442	.00518	.00074	.00113	.00518	.00608	.00450	-.00268	.00130

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ017)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976.0000 IN XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5 000
SCALE =   .0100

RUN NO.   90/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.178	-.35357	-.33994	-.38960	-.54845	-.49779	-.41764	-.42563	-.33382	.50052	-6.65909
1.150	-4.855	-.34877	-.33653	-.38785	-.54459	-.49411	-.41027	-.41374	-.33095	.49772	-6.66521
1.149	-2.556	-.34450	-.33282	-.37623	-.53212	-.47595	-.40259	-.40800	-.32844	.49665	-6.66214
1.150	-.282	-.33745	-.32690	-.35964	-.52503	-.46150	-.39059	-.40024	-.32288	.49446	-6.65153
1.149	1.988	-.33211	-.32580	-.34907	-.51297	-.45690	-.37990	-.38550	-.31984	.49052	-6.64317
GRADIENT		.00250	.00167	.00583	.00447	C0553	.00452	.00405	.00171	-.00104	00336

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ017)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI =	10.000
ELV-LO	=	-5.000	ELV-RI =	10.000
ELV-RO	=	-5.000		

RUN NO.   85/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.583	-.36003	-.34594	-.39852	-.54219	-.49230	-.42401	-.43328	-.33950	.50999	-6.65417
1.200	-7.205	-.35106	-.33699	-.39171	-.53754	-.48076	-.41213	-.42167	-.33046	.50709	-6.66404
1.200	-4.874	-.34611	-.33303	-.38804	-.52798	-.47289	-.39783	-.40222	-.32803	.50503	-6.67276
1.200	-2.554	-.34143	-.32918	-.37626	-.52121	-.45876	-.38801	-.39448	-.32526	.50396	-6.66688
1.200	-.289	-.33473	-.32413	-.36265	-.51839	-.45100	-.37681	-.38707	-.31947	.50210	-6.65849
1.200	1.985	-.32997	-.32379	-.35403	-.51040	-.44940	-.36728	-.37528	-.31724	.49871	-6.64995
1.199	4.253	-.32735	-.32415	-.35242	-.49732	-.43820	-.35467	-.35672	-.31715	.48967	-6.63773
	GRADIENT	.00215	.00102	.00410	.00316	.00346	.00470	.00483	.00131	-.00158	.00381

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ018)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI =	10.000
ELV-LO	=	-5.000	ELV-RI =	10.000
ELV-RO	=	-5.000		

RUN NO.   89/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.132	-.34746	-.33375	-.37587	-.53390	-.48720	-.41006	-.41833	-.32540	.49884	-4.42750
1.149	-4.822	-.34278	-.32953	-.36504	-.52806	-.47786	-.39858	-.40427	-.32340	.49581	-4.43449
1.149	-2.538	-.33832	-.32635	-.35453	-.51581	-.46056	-.39238	-.39734	-.32300	.49432	-4.42491
1.149	-.264	-.32992	-.32095	-.34459	-.51356	-.45455	-.38445	-.38720	-.31628	.49076	-4.41747
1.149	1.980	-.31946	-.31677	-.33040	-.50555	-.45122	-.37300	-.37335	-.30952	.48503	-4.41005
	GRADIENT	.00345	.00194	.00502	.00308	.00379	.00373	.00453	.00213	-.00158	.00356

RUN NO.   84/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.512	-.35220	-.33722	-.38223	-.54568	-.49761	-.41113	-.41805	-.32816	.51092	-4.45240
1.201	-7.158	-.34452	-.32875	-.37619	-.52039	-.47082	-.40019	-.40909	-.32176	.50554	-4.45929
1.200	-4.837	-.33985	-.32391	-.36874	-.50898	-.45735	-.38624	-.39235	-.32025	.50238	-4.46049
1.200	-2.542	-.33400	-.32114	-.35841	-.50187	-.44422	-.37761	-.38155	-.31802	.50098	-4.44996
1.200	-.274	-.32707	-.31747	-.34701	-.50428	-.44190	-.36982	-.37260	-.31317	.49790	-4.44061
1.199	1.987	-.31703	-.31385	-.33295	-.49697	-.43973	-.36016	-.36032	-.30711	.49320	-4.43544
1.199	4.247	-.31255	-.31244	-.33010	-.48549	-.42870	-.34811	-.34376	-.30389	.48611	-4.42879
	GRADIENT	.00315	.00133	.00453	.00228	.00272	.00413	.00522	.00192	-.00178	.00343

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ019) (24 JUN 76)

REFERENCE DATA			PARAMETRIC DATA	

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = -5 000
SCALE =   .0100

RUN NO. 88/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7 097	-.34985	-.34598	-.35608	-.51237	- 46108	-.41347	-.41059	-.33249	.49439	-.03041
1.149	-4.789	-.34044	-.33862	-.34781	-.49856	- 44627	-.39698	- 39346	-.32705	.49017	-.02409
1 149	-2 513	-.33370	-.33586	-.34192	- 48862	- 42935	-.38611	- 38231	-.32402	.48847	-.01278
1.149	-.277	-.31968	-.33725	-.33816	-.47705	- 41189	-.37285	-.36353	-.32291	.48520	-.00091
1.149	1 890	-.30833	-.33098	-.32951	- 47843	- 41437	-.36180	- 34842	-.31462	.47856	.00066
	GRADIENT	00495	.00096	.00263	00324	.00510	00533	.00691	.00172	-.00170	.00388

RUN NO. 83/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.201	-9.450	-.35445	- 34056	-.36295	- 50634	- 46317	- 41092	- 40882	-.32780	50513	- 04038
1.201	-7.107	-.34304	-.33449	-.35131	- 48862	- 44197	- 39934	- 39805	-.32273	.49990	-.03747
1.201	-4.803	- 33412	- 32919	-.34331	-.47548	-.42470	-.38249	-.38049	- 31895	.49606	-.03347
1.201	-2 521	- 32713	- 32528	-.33680	-.46703	-.41003	-.36904	-.36551	-.31467	.49431	-.02003
1.201	-.270	-.31768	- 32468	- 33242	- 45617	- 39674	-.36033	- 35138	-.31335	49136	- 01213
1.200	1.980	-.30566	- 32189	-.32639	- 45916	- 39747	- 34861	-.33453	- 30731	.48558	-.00574
1.199	4 237	- 29657	-.31606	-.31633	-.46325	-.40228	-.33566	- 32220	- 30021	.47766	-.01101
	GRADIENT	00428	00131	00285	.00143	.00255	.00505	00653	.00199	-.00202	00262

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ020) (24 JUN 76)

REFERENCE DATA			PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO = -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO = -5 000
SCALE =   0100

RUN NO. 91/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.140	- 36888	-.35945	-.37165	-.47139	-.42310	-.41412	-.40774	-.34846	.49982	4.37069
1.150	-4.833	-.36166	-.35390	-.36418	-.46064	-.41095	-.40048	-.39299	-.34004	.49555	4 39977
1.149	-2.545	-.35265	-.34657	-.35576	-.44880	- 39379	-.38845	-.38244	-.33142	.49174	4 40142
1.150	-.270	-.34179	-.33997	-.34676	-.43184	-.37053	-.37786	- 37112	-.32501	.48786	4.41106
1.149	1.974	- 32817	-.32951	-.33971	-.42842	-.36782	-.36483	-.35375	-.31397	.48026	4.41202
	GRADIENT	.00490	.00351	.00363	.00501	.00673	.00518	.00568	.00373	-.00219	.00337

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ020)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100 .

RUN NO.   86/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.518	-.37434	- 35896	-.37504	-.47277	-.42117	-.41536	-.40723	-.34821	.50926	4 36101
1.201	-7.152	-.36641	- 35257	-.36857	-.45929	-.41210	-.40015	- 39399	-.34217	.50516	4.38286
1.201	-4.842	-.35676	- 34700	-.35859	-.44317	-.39617	- 38717	- 37850	- 33398	.50075	4.40103
1.201	-2.552	-.34641	- 34028	-.34854	-.43030	-.37667	-.37404	- 36636	-.32590	.49734	4.41677
1.200	-.279	- 33474	-.33332	-.33917	-.41545	-.35353	- 36448	-.35724	-.31831	.49332	4.42159
1.200	1.978	- 32565	-.32578	-.33064	-.41321	-.35085	-.35178	-.34230	-.30995	48635	4.42528
1 199	4.236	- 31055	- 31811	-.32180	-.42802	-.36931	-.34123	-.33012	-.30307	.47919	4 41450
GRADIENT		00499	00319	.00403	.00210	00352	.00503	00532	.00343	- 00238	00157

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ021)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = -5.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO = -5.000
SCALE =   0100

RUN NO.   92/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.195	-.38243	-.37803	-.37964	-.42934	-.38244	-.41789	-.41078	-.36788	.50010	6.57252
1.150	-4.855	-.37532	-.37240	-.37255	-.42593	-.37655	-.40462	- 39714	-.35894	.49712	6 59786
1.149	-2.570	-.36219	-.35924	-.36121	-.42148	-.37008	-.39547	-.38817	- 34537	.49304	6 61320
1.149	- 287	-.34983	-.34910	- 35055	-.41111	- 34793	- 38730	- 38055	- 33524	.48784	6 62668
1.149	1 985	-.33266	-.33721	-.33702	- 42155	- 36199	- 37096	- 36164	- 32316	48170	6 62400
GRADIENT		.00615	.00507	00514	00103	00289	00479	00500	00515	- 00226	00403

RUN NO.   87/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.200	-9.579	-.38350	-.37467	-.38219	-.44048	-.39105	-.42560	-.41656	- 36763	.50911	6.55405
1.200	-7.210	-.37954	-.37090	-.37887	-.42958	-.38126	-.41054	- 40223	-.36125	.50497	6.58317
1 200	-4 879	- 37124	-.36163	-.36844	-.41968	-.36776	-.38883	-.38222	- 34998	.50093	6.60678
1.200	-2.565	-.35601	-.34887	-.35407	-.40998	-.35483	- 37885	-.37216	- 33640	.49699	6.61726
1.200	-.280	-.34275	-.34113	-.34391	- 39813	- 33216	-.37175	-.36488	-.32748	.49256	6 62995
1.200	1.993	-.33295	-.33451	-.33459	- 40708	-.34562	-.35998	-.35139	-.31967	.48759	6 63191
1.199	4.269	-.32181	-.32610	-.32249	-.41808	-.36118	-.34724	- 33369	- 31323	.47843	6 61057
GRADIENT		.00534	.00374	.00487	.00027	.00099	.00446	00515	.00395	-.00238	.00098

LARC 8FT TPT 749 (1A93) OTSAT130   (RJJ022)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT				BETA =	-6.000	ELV-LI =	12.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN. YT				ELV-LO =	-5.000	ELV-RI =	12.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO =	-5.000		
SCALE = .0100								

RUN NO. 100/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.169	-.35554	-.34025	-.39110	-.55098	-.50031	-.41740	-.42449	-.33804	.50226	-6.65507
1.150	-4.839	-.34926	-.33509	-.38862	-.54685	-.49700	-.40846	-.41114	-.33343	.49905	-6.66192
1.149	-2.538	-.34595	-.33206	-.37704	-.53266	-.47713	-.40119	-.40580	-.33104	.49804	-6.66328
1.149	-.277	-.33903	-.32616	-.36178	-.52657	-.46256	-.39025	-.39892	-.32523	.49567	-6.65480
1.150	1.996	-.33186	-.32371	-.34983	-.51312	-.45671	-.37799	-.38298	-.32075	.49174	-6.64820
	GRADIENT	.00260	.00176	.00578	.00471	.00595	.00449	.00401	.00193	-.00107	.00218

RUN NO. 95/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9 583	-.36025	-.34421	-.39650	-.54122	-.48946	-.41716	-.42634	-.34269	.51242	-6.67655
1.205	-7 206	-.35200	-.33705	-.39160	-.53909	-.48204	-.41009	-.41945	-.33327	.50938	-6.69139
1.205	-4 873	-.34679	-.33275	-.38769	-.53147	-.47538	-.39556	-.39971	-.33022	.50703	-6 69544
1.205	-2 549	-.34242	-.32865	-.37846	-.52220	-.46038	-.38586	-.39128	-.32694	.50586	-6 69071
1 205	-.269	-.33556	-.32299	-.36371	-.51806	-.45086	-.37389	-.38318	-.32054	.50345	-6 67781
1 205	2.007	-.32992	-.32195	-.35602	-.50870	-.44772	-.36321	-.36935	-.31842	.50044	-6 67884
1.205	4.269	-.32770	-.32234	-.35569	-.49508	-.43644	-.35073	-.35175	-.31801	.49133	-6.66535
	GRADIENT	.00222	.00121	.00379	.00378	.00397	.00492	.00516	.00144	-.00161	.00315

LARC 8FT TPT 749 (1A93) OTSAT130   (RJJ023)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976 0000 IN. XT				BETA =	-4.000	ELV-LI =	12 000
LREF = 1290 3000 INCHES	YMRP = 0000 IN. YT				ELV-LO =	-5.000	ELV-RI =	12.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO =	-5.000		
SCALE = .0100								

RUN NO. 99/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.125	-.35003	-.33356	-.38091	-.53769	-.49054	-.41123	-.41878	-.32858	.50094	-4.44377
1.150	-4.809	-.34410	-.32800	-.36856	-.53143	-.48161	-.39859	-.40348	-.32560	.49780	-4.43970
1.150	-2.530	-.33909	-.32503	-.35676	-.51878	-.46502	-.39064	-.39526	-.32465	.49599	-4.42644
1.149	-.259	-.33135	-.31997	-.34629	-.51452	-.45514	-.38311	-.38552	-.31903	.49223	-4.42137
1.149	2.002	-.32086	-.31576	-.33335	-.50757	-.45279	-.37301	-.37248	-.31178	.48650	-4.41842
	GRADIENT	.00341	.00184	.00511	.00334	.00425	.00371	.00452	.00207	-.00166	.00304

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ023)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP =	0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT	ELV-RO =	-5 000
SCALE	=	.0100				

RUN NO. 94/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.505	-.35327	-.33525	-.38524	-.54838	-.50082	-.41031	-.41626	-.33048	.51381	-4.44848
1.205	-7.145	-.34520	-.32694	-.37762	-.51967	-.46975	-.39627	-.40492	-.32388	.50862	-4.45215
1.205	-4.829	-.34095	-.32296	-.37270	-.51210	-.46006	-.38460	-.39065	-.32259	.50469	-4.45640
1.205	-2.537	-.33481	-.31945	-.36134	-.50351	-.44666	-.37430	-.37783	-.31926	.50342	-4.44373
1.205	-.269	-.32779	-.31569	-.34994	-.50425	-.44120	-.36685	-.36921	-.31468	.49983	-4.43540
1.205	2 013	-.31763	-.31229	-.33479	-.49815	-.43994	-.35690	-.36639	-.30858	.49504	-4 42947
1.205	4 264	-.31305	-.31042	-.33192	-.48475	-.42802	-.34501	-.33965	-.30554	.48786	-4.42645
	GRADIENT	.00321	.00142	00476	00264	.00311	.00425	.00543	.00197	-.00185	.00326

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ024)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976 0000 IN XT	BETA =	.000	ELV-LI =	12 000
LREF	=	1290.3000 INCHES	YMRP =	0000 IN. YT	ELV-LO =	-5 000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	-5 000
SCALE	=	.0100				

RUN NO. 98/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 150	-7.086	-.34921	-.34378	-.35673	-.51220	-.46204	-.40985	-.40737	-.33411	.49686	-.03947
1 149	-4 791	-.34352	-.33875	-.35198	-.50335	-.45144	-.39949	-.39564	-.33027	49264	-.03407
1 149	-2.508	-.33384	-.33350	-.34463	-.49108	-.43229	-.38530	-.38117	-.32613	.49063	-.01549
1.149	-.272	-.32070	-.33541	-.34101	-.48008	-.41603	-.37295	-.36395	-.32425	.48678	-.00880
1.149	1.986	-.30785	-.32930	-.33031	-.47873	-.41570	-.35918	-.34549	-.31556	47972	-.00406
	GRADIENT	00532	.00117	.00304	00376	00547	.00591	00743	.00204	-.00189	.00429

RUN NO. 93/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.429	-.35377	-.33963	-.36362	-.50659	-.46430	-.40889	-.40710	-.32928	.50791	-.03673
1.205	-7.098	-.34212	-.33259	-.35172	-.48871	-.44240	-.39561	-.39491	-.32431	.50261	-.03508
1.205	-4.783	-.33528	-.32775	-.34563	-.47879	-.42933	-.38206	-.37983	-.32090	.49888	-.02476
1 206	-2.517	-.32905	-.32413	-.33977	-.47030	-.41439	-.36755	-.36352	-.31719	.49672	-.01988
1.206	-.253	-.31786	-.32206	-.33491	-.45804	-.39874	-.35619	-.34651	-.31395	.49297	-.00498
1.205	1.986	-.30621	-.31890	-.32790	-.45937	-.39832	-.34459	-.32996	-.30799	.48672	-.00569
1 205	4.235	-.29637	-.31347	-.31708	-.46283	-.40209	-.33042	-.31607	-.30112	.47942	-.00755
	GRADIENT	.00447	.00150	00306	00190	00313	00560	.00715	00216	-.00217	.00216

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ025)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   101/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.122	-.37098	-.35897	-.37338	-.47386	-.42841	-.41318	-.40656	-.35078	.50168	4.39355
1.150	-4.831	-.36181	-.35276	-.36451	-.46186	-.41513	-.39785	-.39013	-.34153	.49755	4.41515
1.149	-2.540	-.35093	-.34384	-.35450	-.44891	-.39547	-.38469	-.37845	-.33205	.49356	4.42835
1.149	-.259	-.34140	-.33764	-.34638	-.43333	-.37172	-.37574	-.36839	-.32557	.48901	4.43645
1.149	1.979	-.32916	-.32847	-.34070	-.42764	-.36650	-.36360	-.35166	-.31556	.48176	4.43861
GRADIENT		.00473	.00348	.00350	.00521	.00748	.00492	.00552	.00372	-.00228	.00346

RUN NO.   96/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.511	-.37134	-.35526	-.37088	-.46534	-.41866	-.40592	-.39918	-.34834	.51178	4.37650
1.205	-7.149	-.36679	-.35217	-.36967	-.45925	-.41546	-.40038	-.39310	-.34417	.50753	4.39674
1.206	-4.838	-.35609	-.34446	-.35891	-.44272	-.39904	-.38474	-.37585	-.33447	.50277	4.41536
1.205	-2.546	-.34662	-.33906	-.34966	-.43079	-.37919	-.37224	-.36344	-.32762	.49920	4.42818
1.205	-.268	-.33398	-.33104	-.33895	-.41430	-.35374	-.36115	-.35281	-.31879	.49485	4.43849
1.205	1.999	-.32521	-.32300	-.32975	-.41031	-.34760	-.34735	-.33739	-.31048	.48787	4.44490
1.205	4.255	-.31203	-.31597	-.32255	-.42336	-.36476	-.33753	-.32587	-.30452	.48031	4.43514
GRADIENT		.00492	.00321	.00408	.00261	.00442	.00525	.00554	.00339	-.00247	.00248

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ026)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   102/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.174	-.38527	-.37774	-.38312	-.43273	-.38721	-.41926	-.41106	-.36947	.50153	6.56882
1.150	-4.847	-.37678	-.37056	-.37410	-.42948	-.38040	-.40540	-.39522	-.36045	.49891	6.59944
1.149	-2.551	-.36207	-.35643	-.36082	-.42431	-.37264	-.39306	-.38515	-.34594	.49449	6.61509
1.149	-.276	-.34973	-.34734	-.35036	-.41336	-.35031	-.38533	-.37808	-.33620	.48943	6.62670
1.149	1.996	-.33319	-.33525	-.33755	-.42118	-.36160	-.37012	-.36020	-.32437	.48293	6.62471
GRADIENT		.00628	.00504	.00527	.00157	.00346	.00472	.00492	.00517	-.00232	.00384

LARC 8FT TPT /49 (1A93) OTSAT130   (RJJ026)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   97/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.560	-.39324	-.37048	-.38103	-.43902	-.38979	-.42012	-.41175	-.36772	.51102	6.57273
1.205	-7.190	-.38029	-.36761	-.37935	-.42921	-.38164	-.40901	-.40020	-.36124	.50665	6.59913
1.205	-4.879	-.37097	-.35913	-.36872	-.41837	-.36759	-.38548	-.37856	-.34996	.50267	6.62731
1.205	-2.560	-.35818	-.34915	-.35714	-.41059	-.35673	-.37749	-.37004	-.33826	.49877	6.64051
1.205	-.286	-.34270	-.33875	-.34431	-.39708	-.33223	-.36850	-.36106	-.32750	.49400	6.64999
1.205	1.998	-.33198	-.33156	-.33390	-.40314	-.34069	-.35718	-.34784	-.31976	.48873	6.64934
1.205	4.274	-.32271	-.32438	-.32313	-.41212	-.35454	-.34611	-.33283	-.31375	.47966	6.63611
	GRADIENT	.00537	.00381	.00500	.00088	.00185	.00433	.00497	.00398	-.00245	.00116

LARC 8FT TPT 749 (1A93) OTSAT130   (RJJ027)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4 000
SCALE =   0100

RUN NO. 120/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.055	-.32005	-.30060	-.32895	-.44691	-.43851	-.42328	-.41436	-.29645	.36355	-6.54177
.899	-6.826	-.31378	-.29322	-.32103	-.43740	-.42967	-.41005	-.40067	-.28805	.36103	-6.58029
.900	-4.596	-.30208	-.27922	-.30757	-.44076	-.41753	-.39712	-.39939	-.27461	.35756	-6.59297
.899	-2.387	-.29621	-.26976	-.29882	-.43874	-.40352	-.38587	-.38758	-.26861	.35385	-6.59290
.900	-.175	-.29172	-.26653	-.29144	-.43722	-.39632	-.36793	-.36517	-.26437	.35072	-6.59347
.899	2.024	-.29326	-.25855	-.29499	-.44350	-.39767	-.35875	-.35140	-.26287	.34544	-6.55177
.900	4.254	-.29376	-.25361	-.29861	-.43290	-.38768	-.35069	-.34435	-.26173	.33989	-6.54272
	GRADIENT	.00089	.00282	.00098	.00050	.00297	.00543	.00661	.00142	-.00198	.00640

LARC 8FT TPT '749 (IA93) OTSAT130   (RJJ027) (24 JUN 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

PARAMETRIC DATA

BETA	=	-6.000	ELV-LI = 12.000
ELV-LO	=	4.000	ELV-RI = 12.000
ELV-RO	=	4.000	

RUN NO. 115/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9.250	-.37199	-.37865	-.37803	-.53045	-.51044	-.47612	-.48010	-.36864	.44178	-6.61850
.975	-6.969	-.35625	-.36844	-.36089	-.53873	-.51294	-.45471	-.45050	-.35512	.44017	-6.64072
.975	-4.698	-.34004	-.35010	-.34474	-.53819	-.50162	-.43744	-.43249	-.33779	.43490	-6.64754
.975	-2.459	-.33298	-.33787	-.33593	-.52827	-.48188	-.42910	-.42540	-.32701	.43108	-6.65194
.975	-.207	-.32975	-.32853	-.33013	-.53122	-.47711	-.42125	-.41880	-.32006	.42996	-6.63700
.975	2.020	-.32679	-.33024	-.33059	-.53245	-.48029	-.41811	-.40767	-.32166	.42735	-6.63145
.975	4.253	-.33432	-.33341	-.33645	-.54886	-.48686	-.41868	-.40618	-.32494	.42426	-6.59960
	GRADIENT	.00079	.00183	.00098	-.00114	.00139	.00217	.00314	.00139	-.00112	.00520

RUN NO 110/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.146	-.35792	-.34690	-.39932	-.56115	-.51165	-.42075	-.42769	-.34069	.50391	-6.68142
1.150	-4.827	-.35139	-.34223	-.39204	-.55172	-.50456	-.40902	-.41053	-.33658	.50120	-6.69714
1.149	-2.532	-.34632	-.33726	-.37680	-.53672	-.48376	-.39966	-.40429	-.33234	.50029	-6.69290
1.149	-.254	-.33854	-.33088	-.36096	-.53132	-.47172	-.38740	-.39609	-.32531	.49748	-6.68460
1.149	2.015	-.33291	-.32886	-.35213	-.51894	-.46425	-.37725	-.38336	-.32209	.49318	-6.68028
	GRADIENT	.00277	.00204	.00595	.00455	.00583	.00472	.00393	.00221	-.00118	.00258

RUN NO. 105/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.569	-.36389	-.35202	-.40045	-.55328	-.50167	-.42086	-.43106	-.34578	.51415	-6.67711
1.205	-7.192	-.35445	-.34305	-.39438	-.54598	-.48996	-.41145	-.42085	-.33582	.51112	-6.68535
1.205	-4.858	-.34790	-.33750	-.38936	-.53639	-.48247	-.39552	-.39879	-.33171	.50876	-6.69186
1.205	-2.553	-.34335	-.33360	-.37897	-.52705	-.46758	-.38476	-.38992	-.32825	.50816	-6.69186
1.205	-.260	-.33620	-.32782	-.36494	-.52421	-.46023	-.37287	-.38190	-.32147	.50595	-6.67873
1.205	2.003	-.32983	-.32578	-.35734	-.51432	-.45446	-.36103	-.36781	-.31889	.50236	-6.67471
1.205	4.286	-.32742	-.32571	-.35548	-.49913	-.44090	-.34826	-.35027	-.31775	.49274	-6.66618
	GRADIENT	.00238	.00138	.00392	.00382	.00422	.00518	.00521	.00163	-.00165	.00334

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ028)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT	BETA = -4.000 ELV-LI = 12.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT	ELV-LO = 4.000 ELV-RI = 12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = .0100	

RUN NO. 119/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.022	-.31230	- 29074	-.32212	-.42693	-.41698	-.42788	-.42557	-.28625	.36460	-4.37618
.899	-6.790	-.30480	- 28114	- 31097	-.42057	-.40582	-.40944	- 41026	-.27585	.36075	-4.39587
900	-4 581	-.29596	- 26987	- 30047	-.41573	- 39317	-.39453	-.39680	- 26692	.35638	-4.39788
.899	-2.382	-.29490	-.26542	-.29584	-.41188	-.38036	-.37297	-.37087	-.26281	.35065	-4.39570
.899	- 179	- 29127	-.26182	-.28966	-.41855	-.37853	-.35423	-.34676	- 25786	.34515	-4.39572
.899	2 032	-.28851	- 25290	-.28623	-.42532	-.38014	- 34487	-.33527	- 25363	.33821	-4.38601
.900	4.245	-.28721	-.25154	-.28550	-.41903	-.37225	-.34071	- 33324	-.25138	.33537	-4 38266
	GRADIENT	.00108	00223	.00179	- 00091	.00191	.00615	.00737	.00182	-.00247	00182

RUN NO. 114/ 0   RN/L =   4 07   GRADIENT INTERVAL =   -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9 194	-.35826	-.36891	- 36404	-.51149	-.49688	-.47624	-.48769	- 35764	.44538	-4.42138
.975	-6 929	- 34058	- 35674	- 34620	-.51895	- 49400	-.44881	-.45361	- 34351	44109	-4.43748
.975	-4.682	-.32155	- 34439	- 32972	-.51219	-.48176	-.42971	-.43327	-.33042	.43592	-4.43854
.975	-2.434	-.31078	-.33188	-.31991	- 50409	- 46123	-.42293	-.42535	-.31853	.43110	-4.42420
.975	- 220	-.30813	-.32230	-.31386	-.51406	-.46240	-.41239	-.40620	-.31040	.42760	-4.41510
.975	1 999	-.30821	-.32931	-.31921	-.51679	-.46359	- 40602	-.39662	- 31607	.42378	-4 40720
.974	4 236	-.30784	-.32742	-.32259	-.52949	-.47136	-.40565	-.39116	- 31416	.41976	-4.39591
	GRADIENT	.00135	.00164	00067	- 00212	.00083	.00292	.00507	.00157	-.00178	00459

RUN NO. 109/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.104	-.35281	- 33978	- 38282	- 54389	-.49726	- 41039	- 41835	-.33210	.50319	-4.47615
1.149	-4.793	- 34598	- 33425	- 36920	-.53708	-.48981	-.39768	-.40269	-.32804	.49933	-4 48891
1.149	-2.511	-.33962	- 33030	-.35670	-.52336	-.47141	-.38902	-.39384	- 32620	.49790	-4 47750
1.149	- 247	-.33119	-.32456	-.34591	-.52145	-.46563	-.38154	-.38379	- 31926	.49390	-4.47033
1.150	1 997	-.31853	-.31874	-.33162	-.51138	-.45957	-.36904	-.36833	- 31142	.48888	-4.44323
	GRADIENT	.00401	.00231	.00546	.00349	.00427	.00413	.00500	00251	- 00156	00635

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ028)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   104/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.491	-.35426	-.34025	-.38320	-.54385	-.49675	-.40386	-.41118	-.33310	.51540	-4.47665
1.205	-7.130	-.34853	-.33444	-.38146	-.52981	-.47974	-.39950	-.40709	-.32729	.51033	-4.48296
1.205	-4.811	-.34286	-.32906	-.37507	-.51698	-.46685	-.38428	-.39034	-.32452	.50665	-4.47144
1.205	-2.515	-.33587	-.32523	-.36219	-.50839	-.45320	-.37291	-.37672	-.32114	.50538	-4.47335
1.205	-.256	-.32832	-.32058	-.34998	-.51016	-.45157	-.36500	-.36773	-.31531	.50189	-4.46161
1.205	2.012	-.31692	-.31551	-.33403	-.50302	-.44723	-.35398	-.35329	-.30888	.49742	-4.45853
1.205	4.264	-.31358	-.31470	-.33295	-.48917	-.43261	-.34298	-.33779	-.30556	.48954	-4.45248
	GRADIENT	.00342	.00170	.00496	.00269	.00328	.00448	.00567	.00221	-.00186	.00232

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ029)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   118/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-8.974	-.30014	-.28968	-.31560	-.39551	-.36154	-.42812	-.42099	-.28282	.35905	-.02473
.900	-6.747	-.29780	-.28411	-.31604	-.38323	-.33926	-.40350	-.40040	-.27816	.35098	-.01624
.900	-4.554	-.29350	-.28728	-.30550	-.36016	-.32694	-.38053	-.38212	-.27521	.34404	-.01842
.900	-2.374	-.29298	-.28020	-.30588	-.34660	-.31884	-.34784	-.33992	-.27390	.33839	-.00781
.899	-.167	-.28858	-.27266	-.29950	-.35682	-.32467	-.33656	-.32270	-.26580	.33325	.00539
.899	2.013	-.28460	-.26948	-.29564	-.36881	-.33219	-.32618	-.30449	-.26284	.32976	.00934
.899	4.220	-.27702	-.26818	-.28775	-.37808	-.33461	-.32670	-.31362	-.26042	.32740	.01230
	GRADIENT	.00189	.00177	.00209	-.00265	-.00131	.00589	.00786	.00185	-.00191	.00358

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ029)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 113/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 161	- 33251	- 34683	-.35048	- 50264	-.46331	-.46763	-'46320	-.33712	.44138	- 03780
.975	-6.902	- 32278	- 33898	-.33736	-.48896	-.44748	-.44741	-.44465	-.32958	.43660	-.04140
.975	-4.648	-.31604	-.33868	-.33012	- 47096	-.42732	- 42432	-.42477	-.32627	.42876	-.03392
.975	-2.433	-.30850	- 34827	-.33049	-.45315	-.40846	- 41072	-.41231	-.32871	.42353	- 01984
.975	-.224	-.30872	-.35088	-.33227	-.44913	-.40403	- 40162	- 40248	-.33204	.41962	-.01419
974	1 979	-.31210	- 35283	-.33710	-.46007	-.40426	- 33561	- 39513	-.33698	.41499	-.01296
.974	4 212	- 31424	-.34937	-.33861	-.47164	-.41520	- 38779	- 38149	-.33549	.40981	- 01772
GRADIENT		- 00000	- 00117	-.00107	-.00039	.00128	.00398	.00469	-.00121	-.00210	.00177

RUN NO. 108/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.151	-7 080	-.34952	- 34873	- 35707	-.51839	-.47177	-.40976	-.40749	-.33528	.49964	- 06107
1.150	-4 776	-.34340	- 34337	-.35208	-.50980	-.46093	- 39746	-.39334	-.33146	49512	-.05304
1.149	-2.505	- 33213	-.33802	-.34703	- 49807	- 44255	- 38405	- 37984	-.32684	49341	-.03695
1.149	-.252	- 31702	-.33849	-.33913	-.48726	-.42619	- 36910	-.35817	-.32234	.48922	-.02865
1.149	2.005	-.30572	-.33174	- 32834	-.48707	- 42632	-.35721	- 34241	- 31364	.48215	- 02306
GRADIENT		.00567	00152	00350	.00350	.00532	.00601	00772	00256	- 00191	00435

RUN NO. 103/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 205	-9.425	-.35421	-.34479	- 36374	r.50973	-.46768	-.40553	- 40475	- 33170	.50985	-.04507
1.205	-7 077	- 34459	-.33897	- 35415	- 49569	-.45268	-.39763	-.39667	-.32634	.50478	- 04658
1.205	-4.779	- 33769	-.33339	-.34736	-.48592	-.43968	- 38326	- 38068	-.32332	50160	- 03709
1.206	-2.496	- 32944	- 32845	- 34076	-.47536	- 42256	-.36567	- 36173	-.31859	.49922	-.02413
1.205	-.253	- 31779	- 32519	- 33580	-.46570	- 40977	-.35529	- 34506	- 31399	49567	- 01325
1.205	1.992	-.30486	- 32247	-.32732	-.46688	- 40806	-.34141	- 32613	-.30747	48962	- 01055
1.204	4.248	-.29542	-.31601	-.31511	-.46659	- 40724	- 32630	-.31210	- 29994	48155	-.01453
GRADIENT		.00484	00185	.00346	.00209	.00352	.00613	.00766	.00257	-.00220	00261

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	4.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE =	.0100						

RUN NO. 121/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.024	-.31540	-.28523	-.34353	-.38384	-.31684	-.41955	-.41119	-.27771	.36160	4.27133
.899	-6.792	-.30519	-.28185	-.32332	-.36967	-.31035	-.40037	-.39458	-.27399	.35624	4.30881
.899	-4.567	-.29226	-.27164	-.30797	-.35297	-.30260	-.38432	-.38300	-.26131	.35136	4.32204
.899	-2.377	-.29523	-.27002	-.30612	-.34484	-.29908	-.36186	-.35629	-.26148	.34700	4.34058
.900	-.188	-.29256	-.26514	-.30155	-.33622	-.28972	-.34874	-.33826	-.25783	.34332	4.35077
.900	2.008	-.28853	-.25909	-.29664	-.33825	-.28659	-.33669	-.31613	-.25256	.33724	4.34728
.899	4.219	-.28360	-.25886	-.29196	-.34991	-.29196	-.33649	-.32275	-.25222	.33566	4.33937
	GRADIENT	.00110	.00166	.00189	.00057	.00153	.00550	.00731	.00123	-.00187	.00188

RUN NO   116/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.201	-.36036	-.35472	-.37462	-.46040	-.41189	-.46071	-.45556	-.34460	.44260	4.32372
.976	-6.930	-.34132	-.34246	-.35892	-.45294	-.40751	-.43864	-.43692	-.33203	.43862	4.34735
.975	-4.660	-.31991	-.33062	-.34638	-.43639	-.39074	-.41835	-.41558	-.31904	.43231	4.36005
.975	-2.426	-.30631	-.32347	-.33468	-.42210	-.37212	-.41058	-.41123	-.31095	.42716	4.37763
.975	-.217	-.30131	-.32304	-.33012	-.41029	-.35318	-.40932	-.40800	-.31125	.42541	4.38675
.975	2.009	-.30021	-.32154	-.32645	-.41326	-.35510	-.39655	-.38197	-.31016	.41764	4.38296
.975	4.249	-.30282	-.32393	-.32863	-.43069	-.37540	-.39326	-.37111	-.31213	.41337	4.37060
	GRADIENT	.00181	.00069	.00196	.00091	.00214	.00289	.00531	.00066	-.00213	.00119

RUN NO. 111/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.111	-.37115	-.36442	-.37377	-.47839	-.43504	-.41229	-.40625	-.35224	.50408	4.34943
1.150	-4.807	-.36190	-.35805	-.36539	-.46802	-.42304	-.39937	-.39157	-.34302	.49984	4.37168
1.149	-2.528	-.35121	-.34978	-.35546	-.45323	-.40126	-.38529	-.37896	-.33372	.49504	4.38375
1.149	-.238	-.34131	-.34183	-.34614	-.43442	-.37539	-.37411	-.36641	-.32614	.49101	4.39485
1.149	2.005	-.32498	-.33043	-.34008	-.43158	-.37393	-.36077	-.34818	-.31445	.48340	4.39229
	GRADIENT	.00531	.00399	.00375	.00564	.00763	.00559	.00628	.00410	-.00235	.00322

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   =   2690.0000 SQ.FT.   XMRP   =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF   =   1290.3000 INCHES   YMRP   =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT   ELV-RO =   4 000
SCALE =   .0100

RUN NO.   106/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5 00/   5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.489	-.37412	- 36176	-.37378	-.47082	-.42629	-.40721	-.40039	- 35094	.51379	4.35292
1.205	-7.125	-.36867	- 35795	-.37177	-.46455	-.42237	-.40068	-.39378	-.34587	50992	4.37322
1.205	-4.823	-.35708	- 35017	-.36004	- 44894	-.40633	-.38569	-.37681	-.33637	.50525	4 39020
1 205	-2.525	-.34603	- 54337	- 34920	-.43316	- 39237	-.37070	-.36217	-.32822	.50131	4 40658
1 205	-.263	-.33411	-.33509	-.33912	-.41544	- 35747	-.35962	-.36145	-.31920	.49696	4.41281
1.205	2.026	-.32692	-.32818	-.33177	- 41293	- 35335	-.34785	-.33761	-.31130	.49001	4.41752
1.205	4.265	-.31192	-.31826	-.32195	-.42504	- 36995	- 33458	-.32290	-.30344	.48205	4 40921
	GRADIENT	.00481	.00348	.00412	00300	00449	.00550	.00582	.00364	-.00254	00216

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ031)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   =   2690.0000 SQ FT.   XMRP   =   976 0000 IN XT   BETA   =   6.000   ELV-LI =   12.000
LREF   =   1290.3000 INCHES   YMRP   =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

RUN NO.   122/ 0   RN/L =   3 97   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 065	-.32160	-.29723	- 34389	- 35032	-.28828	-.42661	-.41668	-.28938	.36129	6.41394
.900	-6 827	-.30972	- 29109	- 32725	-.33969	-.28740	-.40633	-.40524	- 28268	.35766	6 45376
.900	-4.611	-.29899	- 28104	- 31500	-.33024	- 28629	-.39279	-.39741	- 27038	.35422	6 47657
.899	-2.401	-.30007	- 28021	- 31206	-.32506	- 28166	- 37855	-.37959	-.27067	.35092	6.49697
.899	-.196	-.29839	- 27405	-.30850	- 32028	- 27126	- 36070	-.35255	- 26629	.34671	6.51074
.900	2.019	- 29618	- 26753	-.30605	- 32820	- 27625	- 34921	- 33370	-.26179	.34269	6.50010
.899	4 240	-.29291	- 26502	-.30269	- 34163	- 28056	- 34936	-.33741	-.25815	.33813	6.48861
	GRADIENT	00073	.00202	00138	-.00117	.00076	.00525	.00750	.00151	- 00183	00123

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ031)   (24 JUN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 6.000   ELV-LI = 12.000
ELV-LO = 4.000   ELV-RI = 12.000
ELV-RO = 4.000

RUN NO. 117/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.259	-.38496	-.38392	-.38588	-.41478	-.35008	-.46678	-.45686	-.37030	.44116	6.48989
.976	-6.961	-.36409	-.36744	-.37076	-.41059	-.35412	-.44461	-.43812	-.35589	.43867	6.52252
.975	-4.702	-.33350	-.35298	-.35331	-.40203	-.35041	-.42705	-.42263	-.34110	.43359	6.54354
975	-2.459	-.31731	-.34335	-.34100	-.39314	-.33873	-.41950	-.41643	-.33168	.42868	6.55989
975	.217	-.30264	-.33308	-.32712	-.39034	-.32950	-.41443	-.41218	-.32170	.42439	6.56267
.975	2.014	-.30176	-.32888	-.32509	-.39917	-.33813	-.40461	-.39086	-.31854	.41976	6.55889
975	4.250	-.30936	-.33181	-.33123	-.41568	-.35606	-.40186	-.38179	-.32085	.41375	6.53894
	GRADIENT	.00285	.00254	.00269	-.00149	-.00048	.00292	.00479	.00240	-.00217	-.00045

RUN NO 112/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.154	-.38604	-.38241	-.38338	-.43451	-.38899	-.41767	-.40987	-.37135	.50390	6.55265
1.149	-4.846	-.37822	-.37690	-.37604	-.43103	-.38266	-.40387	-.39570	-.36252	.50112	6.58285
1.149	-2.544	-.36210	-.36221	-.36181	-.42343	-.37175	-.39276	-.38404	-.34745	.49626	6.60156
1.149	-.261	-.35014	-.35240	-.35091	-.41361	-.34999	-.38433	-.37680	-.33708	.49093	6.61327
1.149	2.007	-.33313	-.33930	-.33726	-.42150	-.36431	-.36854	-.35779	-.32480	.48426	6.60880
	GRADIENT	.00645	.00537	.00557	.00169	.00337	.00501	.00529	.00541	-.00245	.00393

RUN NO. 107/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.551	-.38630	-.37689	-.38404	-.44086	-.39015	-.41964	-.41166	-.37040	.51314	6.54217
1.205	-7.169	-.38259	-.37391	-.38223	-.43096	-.38196	-.40955	-.40102	-.36363	.50914	6.56870
1.205	-4.842	-.37276	-.36433	-.37118	-.41997	-.37010	-.38623	-.37905	-.35221	.50478	6.59254
1.205	-2.561	-.35553	-.35142	-.35499	-.40882	-.35274	-.37434	-.36680	-.33842	.50071	6.60892
1.205	-.252	-.34301	-.34343	-.34557	-.39705	-.33055	-.36688	-.35971	-.32836	.49589	6.62030
1.205	1.994	-.33261	-.33584	-.33493	-.40367	-.34329	-.35533	-.34608	-.32023	.49054	6.61748
1.205	4.269	-.32221	-.32663	-.32195	-.41363	-.35845	-.34179	-.32750	-.31290	.48105	6.60397
	GRADIENT	.00545	.00404	.00520	.00079	.00145	.00474	.00543	.00425	-.00253	.00139

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	
SCALE	=	.0100				

BETA   =   -6.000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO. 145/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.598	-8.531	-.26064	-.24691	-.28755	-.44387	-.41684	-.39509	-.38627	-.24523	.29710	-6.34433
.598	-6.428	-.25911	-.24499	-.28245	-.43250	-.40411	-.37506	-.37157	-.24350	.29668	-6.37869
.599	-4.310	-.25634	-.24207	-.27486	-.42518	-.38853	-.35441	-.35531	-.24115	.29716	-6.39833
.598	-2.183	-.25084	-.23883	-.26658	-.41735	-.37507	-.33701	-.34059	-.23638	.29047	-6.40441
.598	-.080	-.24558	-.23606	-.26018	-.40994	-.36672	-.32619	-.33130	-.23323	.28431	-6.40738
.598	2.046	-.24061	-.23187	-.25276	-.40156	-.35434	-.32181	-.32596	-.22751	.28431	-6.40103
.598	4.137	-.23617	-.22515	-.24873	-.38999	-.34542	-.31495	-.31777	-.22536	.27524	-6.39872
	GRADIENT	.00239	.00193	.00313	.00408	.00506	.00446	.00425	.00192	-.00256	.00012

RUN NO   140/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.066	-.31761	-.30637	-.32591	-.44998	-.44275	-.42368	-.41534	-.30006	.36762	-6.52728
.899	-6.811	-.31174	-.29626	-.31795	-.44018	-.43238	-.40767	-.39943	-.29026	.36423	-6.55992
.900	-4.601	-.30154	-.28140	-.30700	-.44349	-.42029	-.39581	-.39966	-.27641	.36051	-6.56675
.900	-2.387	-.29544	-.26928	-.29779	-.43988	-.40519	-.38381	-.38520	-.26852	.35700	-6.56856
.900	-.180	-.29000	-.26608	-.29003	-.43885	-.39956	-.36722	-.36481	-.26409	.35314	-6.56370
.900	2 049	-.29145	-.25781	-.29248	-.44934	-.40469	-.35636	-.34825	-.26263	.34741	-6.54664
.900	4 253	-.29300	-.25365	-.29625	-.43579	-.39160	-.35019	-.34308	-.26183	.34247	-6 54336
	GRADIENT	.00095	.00302	.00121	.00027	.00261	.00536	.00678	.00158	-.00206	.00310

RUN NO. 135/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.263	-.37461	-.38215	-.38172	-.53518	-.51663	-.47827	-.47664	-.37150	.44621	-6 63803
.976	-6 979	-.35739	-.37022	-.36176	-.54425	-.51796	-.45479	-.44519	-.35731	.44417	-6 66386
.976	-4.702	-.34047	-.34900	-.34542	-.54425	-.50700	-.43832	-.43390	-.33782	.43877	-6.67121
.975	-2.449	-.33090	-.33563	-.33507	-.53335	-.48686	-.42762	-.42361	-.32589	.43423	-6.66146
.975	-.213	-.32669	-.32645	-.32900	-.53420	-.48150	-.41998	-.41763	-.31909	.43235	-6 64665
.975	2.012	-.32368	-.32645	-.32931	-.53451	-.48347	-.41563	-.40561	-.31888	.42876	-6.64164
.975	4.257	-.32923	-.32993	-.33350	-.54994	-.48935	-.41488	-.40330	-.32235	.42626	-6.62966
	GRADIENT	.00133	.00212	.00132	-.00056	.00173	.00263	.00354	.00170	-.00136	.00460

LARC 8FT TPT 749 (1A93) OTSAT130   (RJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

BETA =	-6.000	ELV-LI = 12.000
ELV-LO =	9.000	ELV-RI = 12.000
ELV-RO =	9.000	

RUN NO. 130/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.160	- 35865	-.34851	-.39888	-.56312	-.51440	-.41989	-.42709	-.34230	.50648	-6.67974
1.150	-4 933	-.35163	-.34373	- 39243	-.55376	- 50754	-.40928	- 41004	- 33789	.50407	-6.68386
1.150	-2.523	-.34742	-.33896	- 37775	- 53838	-.48627	-.39937	-.40316	-.33403	.50303	-6.67887
1.149	-.246	- 33955	- 33231	-.36219	-.53193	- 47467	-.38636	- 39385	- 32691	.49980	-6.67092
1.150	2.034	- 33370	-.33016	-.35322	-.52000	-.46674	- 37543	-.38126	- 32310	.49520	-6.66660
	GRADIENT	.00272	.00207	00582	.00471	.00586	.00501	.00418	.00225	-.00130	.00261

RUN NO. 125/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 205	-9 553	-.36520	-.35355	-.40249	-.55903	- 50765	-.42321	-.43348	-.34686	.51637	-6 67024
1.205	-7 192	-.35528	- 34392	-.39467	-.54915	-.49255	-.41034	-.41945	-.33714	.51358	-6.67509
1.205	-4.860	- 34962	- 33927	-.39057	-.53888	- 48632	- 39580	-.39807	-.33373	.51137	-6.68414
1.205	-2 542	- 34419	- 33492	- 39038	- 52895	- 47136	- 38451	-.38877	-.32956	51041	-6.67400
1 205	-.258	- 33588	- 32781	-.36402	-.52480	- 46263	-.37064	- 37967	-.32190	.50787	-6 66199
1.205	2 012	-.32977	- 32612	- 35749	-.51470	- 45612	-.35888	-.36530	-.31922	.50430	-6.65884
1.205	4.274	- 32712	-.32554	-.35574	-.49954	- 44178	- 34543	-.34780	-.31756	.49468	-6.65274
	GRADIENT	00260	.00159	.00406	00407	00457	.00554	.00543	.00187	-.00173	00342

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 144/ 0   RN/L = 3.15   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
598	-8.512	-.25988	-.24899	-.28512	-.42773	-.39573	-.38307	-.37481	-.24426	.29854	-4.21410
.598	-6.391	- 25649	-.24658	-.27657	-.41482	- 38324	-.36373	-.36005	-.24090	.29872	-4.23688
.598	-4.298	- 25035	-.24426	-.26704	-.40632	- 36939	-.34488	-.34445	-.23476	29788	-4.24346
.599	-2 152	-.24488	-.24281	-.25947	-.40391	- 36113	-.32960	-.33107	-.23007	.29633	-4.24930
.598	- 080	- 23898	- 23673	- 25189	-.39415	- 35077	-.31843	-.32163	-.22588	29210	-4.24715
.598	2 034	-.23240	-.22921	-.24440	-.38511	- 33653	-.31368	- 31688	-.22063	.28456	-4.24248
598	4.133	-.22427	- 22110	-.23592	-.37993	- 33114	-.30675	- 31014	-.21423	.27629	-4.23872
GRADIENT		00307	.00284	00367	00340	.00480	.00438	.00394	.00240	-.00261	.00077

RUN NO. 139/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 009	- 30756	- 29657	- 31691	- 42886	-.41996	- 42567	-.42403	-.29002	36888	-4.39680
.900	-6 779	- 30173	- 28461	- 30652	- 42226	-.40756	- 40632	-.40804	-.27760	.36423	-4.41475
.900	-4.573	-.29483	-.27136	-.29852	- 41926	-.39630	-.39359	-.39587	-.26803	.35890	-4.42290
.900	-2.373	-.29355	-.26639	-.29378	- 41550	-.38384	- 37105	-.36987	-.26340	.35414	-4 43098
899	-.171	- 29143	- 26313	-.28955	- 42192	-.38240	-.35448	- 34793	-.25867	.34774	-4.42617
.900	2.037	- 28839	- 25217	- 28496	- 42801	-.38436	- 34359	-.33381	-.25398	34180	-4.42302
.900	4.253	- 28541	- 25022	- 28199	- 42058	-.37507	- 33856	-.33046	-.25101	.33911	-4.41940
GRADIENT		.00109	00256	.00190	- 00069	.00190	00623	.00756	.00197	-.00235	00068

RUN NO. 134/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.188	-.35881	-.37155	-.36474	-.51724	-.50253	-.47596	-.48562	-.35956	.44945	-4.41788
.975	-6.919	-.33886	-.35774	- 34485	-.52468	-.49881	- 44709	-.45043	-.34399	.44439	-4.42781
.975	-4 678	-.31853	- 34513	-.32852	- 51676	-.48540	-.42899	-.43099	- 33063	.43906	-4 42854
.975	-2.435	- 30712	- 33044	-.31839	-.50951	- 46624	-.42055	- 42058	-.31675	.43419	-4.42113
.975	-.202	-.30399	-.31975	- 31123	-.51766	- 46624	-.40929	- 40290	-.30854	.43024	-4.40562
975	2.015	- 30402	-.32455	-.31623	-.52219	- 46993	-.40500	-.39281	-.31231	.42573	-4 40097
.975	4.261	- 30219	-.32221	-.31804	- 53825	-.47914	-.40372	- 38874	-.31049	.42336	-4.39166
GRADIENT		.00160	.00232	.00104	- 00249	.00040	.00296	.00503	.00200	-.00179	.00421

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI = 12.000
ELV-LO	=	9.000	ELV-RI = 12.000
ELV-RO	=	9.000	

RUN NO. 129/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.115	-.35403	-.34169	-.38387	-.54648	-.50008	-.40963	-.41812	-.33419	.50599	-4.45291
1.150	-4.793	-.34704	-.33582	-.36956	-.53936	-.49296	-.39613	-.40122	-.32960	.50273	-4.45821
1.150	-2.489	-.34019	-.33175	-.35666	-.52481	-.47382	-.38690	-.39181	-.32765	.50069	-4.45140
1.150	-.249	-.33140	-.32546	-.34541	-.52308	-.47035	-.37848	-.38080	-.32043	.49675	-4.44233
1.149	2.015	-.31928	-.31991	-.33325	-.51403	-.46349	-.36733	-.36634	-.31247	.49123	-4.43416
GRADIENT		.00406	.00238	.00530	.00343	.00406	.00418	.00510	.00258	-.00169	.00358

RUN NO. 124/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.492	-.35766	-.34459	-.38895	-.55582	-.50885	-.41020	-.41678	-.33573	.51777	-4.44346
1.205	-7.134	-.35037	-.33678	-.38341	-.53386	-.48373	-.40032	-.40790	-.32980	.51297	-4.44610
1.205	-4.779	-.34359	-.33011	-.37593	-.51846	-.46942	-.38258	-.38845	-.32637	.50935	-4.43860
1.205	-2.528	-.33604	-.32572	-.36329	-.50961	-.45625	-.37030	-.37453	-.32197	.50829	-4.44471
1.205	-.261	-.32847	-.32104	-.35062	-.51168	-.45535	-.36316	-.36544	-.31648	.50470	-4.43244
1.205	2.034	-.31825	-.31669	-.33639	-.50561	-.45046	-.35332	-.35263	-.31015	.49970	-4.42705
1.205	4.293	-.31365	-.31472	-.33333	-.49131	-.43554	-.34126	-.33526	-.30574	.49138	-4.42398
GRADIENT		.00342	.00175	.00494	.00257	.00324	.00441	.00565	.00234	-.00196	.00207

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9 000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO. 143/ 0   RN/L = 3.14   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.468	-.25214	-.23846	-.27163	-.41625	-.33705	-.36773	- 36425	-.23868	.29595	-.03554
.599	-6.372	-.24931	-.23771	-.26520	-.39396	-.32554	-.35395	-.35104	-.23717	.29369	-.03326
.599	-4.282	-.24262	-.23333	-.25644	-.37178	-.31255	-.33482	-.33439	-.23221	.29223	-.03078
.599	-2.176	-.23763	- 23120	-.25016	-.36433	-.30996	-.32388	-.32593	-.22855	.29065	-.02423
.599	-.080	-.23133	- 22701	-.24046	-.35614	-.30140	-.31588	-.31831	-.22379	28715	- 01857
.598	2.040	-.22384	- 22277	-.23130	- 35440	-.30159	-.30560	-.30632	-.21896	.27963	-.01822
.597	4 110	- 20789	-.21354	-.22477	- 35538	- 29853	-.29298	-.29161	- 21068	.27023	-.01913
	GRADIENT	00396	00228	00391	.00204	00173	.00485	.00501	00251	-.00262	.00140

RUN NO. 138/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.989	-.29479	- 28952	- 30642	- 40335	-.36797	-.42812	-.42077	-.28263	.36424	-.02517
.900	-6.747	-.29386	-.28379	-.30862	- 38989	-.34402	- 40278	-.39913	-.27678	.35473	-.02043
.901	-4.554	-.28928	-.28091	-.29912	- 36185	-.32710	- 37726	-.37876	-.27334	.34775	-.01723
.900	-2.378	-.29058	-.28052	- 30346	- 35051	-.32209	-.34646	- 33936	-.27451	.34113	-.00979
.900	-.156	-.28625	-.27297	-.29678	- 35830	-.32522	-.33493	-.32146	-.26674	.33818	.00303
.900	2.014	-.28326	- 27031	-.29359	- 37069	-.33299	-.32572	-.30598	-.26362	.33440	.00481
900	4.235	- 27559	- 26803	-.28572	-.37924	-.33539	-.32466	-.31264	-.26055	.33180	.00430
	GRADIENT	00158	.00164	00167	- 00250	-.00125	.00573	.00753	.00166	-.00176	.00262

RUN NO. 133/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPBI	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.163	- 33005	-.34771	-.34981	-.50933	-.47075	-.46756	-.46292	-.33654	.44553	-.04749
.975	-6.907	- 31939	- 33936	-.33527	-.49319	-.45285	-.44673	-.44354	-.32879	.43974	-.04241
.975	-4.625	-.31031	- 33757	- 32706	- 47503	-.43188	- 42313	-.42264	-.32389	.43116	-.03695
.975	-2.428	-.30231	- 34647	- 32737	- 45867	-.41376	-.40914	-.41000	-.32585	.42634	-.02075
.975	-.216	-.30286	- 34896	-.32966	- 45552	-.40939	- 39876	-.39869	-.32929	.42298	-.01191
.975	1.991	-.30689	-.35163	- 33399	- 46615	-.41092	-.39314	-.39162	-.33466	.41897	-.01171
.975	4.222	-.30786	-.34786	-.33610	-.47685	-.42220	-.38463	-.37575	-.33304	.41284	- 01748
	GRADIENT	.00001	-.00116	-.00112	-.00051	.00100	.00420	.00507	- 00123	-.00199	.00216

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000 ELV-LI = 12 000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 128/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.075	-.35178	-.35132	-.35847	-.52164	-.47617	-.41053	-.40760	-.33811	.50230	-.04190
1.149	-4.764	-.34428	-.34476	-.35302	-.51229	-.46441	-.39671	-.39203	-.33311	.49798	-.03839
1.150	-2.495	-.33149	-.33862	-.34808	-.49984	-.44610	-.38199	-.37732	-.32771	.49644	-.02773
1.149	-.251	-.31741	-.33875	-.34012	-.49126	-.43264	-.36868	-.35784	-.32276	.49223	-.01930
1 150	1 993	-.30419	-.33053	-.32703	-.48944	-.43047	-.35427	-.33939	-.31306	.48535	-.01647
GRADIENT		.00597	.00189	.00381	.00343	.00512	.00625	.00788	.00289	-.00187	.00330

RUN NO. 123/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.413	-.35661	-.34713	-.36671	-.51402	-.47306	-.40862	-.40738	-.33422	.51253	-.03522
1.205	-7.076	-.34414	-.33928	-.35383	-.49498	-.45324	-.39545	-.39493	-.32772	.50760	-.03400
1.206	-4.760	-.33788	-.33458	-.34778	-.48783	-.44268	-.38083	-.37861	-.32472	.50487	-.03037
1.206	-2.490	-.33007	-.32966	-.34251	-.47801	-.42647	-.36476	-.36046	-.32015	.50216	-.01669
1.205	-.203	-.31804	-.32539	-.33717	-.46848	-.41432	-.35348	-.34298	-.31399	.49916	-.00365
1.205	1 992	-.30576	-.32223	-.32916	-.46925	-.41214	-.34113	-.32640	-.30786	.49235	-.00098
1 205	4.242	-.29698	-.31759	-.31823	-.46911	-.41077	-.32685	-.31168	-.30160	.48395	-.00687
GRADIENT		.00472	.00184	.00322	.00206	.00348	.00585	.00747	.00260	-.00229	.00280

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	≈	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	≈	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	≈	-400.0000 IN. ZT
SCALE	=	.0100			

BETA =	4.000
ELV-LO =	9.000
ELV-RO =	9.000

ELV-LI =	12.000
ELV-RI =	12.000

RUN NO. 146/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.598	-8.520	-.25881	-.24374	-.27452	-.38582	-.28984	-.36975	-.35978	-.23996	.29672	4.18241
.598	-6.395	-.25207	-.24159	-.26704	-.36707	-.27988	-.35347	-.34598	-.23228	.29729	4.20630
.598	-4.288	-.24591	-.23868	-.25823	-.34756	-.26992	-.33642	-.33390	-.22631	.29554	4.22323
.598	-2.199	-.24165	-.23387	-.25037	-.33111	-.26244	-.32072	-.32010	-.22035	.29428	4.23703
.598	-.083	-.23717	-.23149	-.24438	-.32229	-.25493	-.31513	-.31299	-.21777	.29005	4.24273
.598	2.011	-.22996	-.22658	-.23548	-.32331	-.25403	-.30890	-.30390	-.21401	.28320	4.24200
.598	4.122	-.21619	-.22200	-.22501	-.33217	-.26587	-.29847	-.29519	-.21075	.27376	4.23119
	GRADIENT	.00338	.00193	.00387	.00193	.00078	.00417	.00445	.00178	-.00269	.00099

RUN NO. 141/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.004	-.31207	-.28787	-.33861	-.38825	-.31914	-.41982	-.41404	-.27885	.36580	4.28196
.900	-6.781	-.30159	-.28222	-.32011	-.37253	-.31215	-.40094	-.39584	-.27443	.36032	4.31496
.900	-4.588	-.28909	-.27278	-.30420	-.35662	-.30440	-.38491	-.38440	-.26251	.35533	4.32832
.900	-2.381	-.29121	-.27064	-.30296	-.34665	-.29969	-.36151	-.35619	-.26249	.35072	4.34853
.900	-.185	-.28981	-.26455	-.30000	-.33743	-.28914	-.34735	-.33734	-.25708	.34670	4.35286
.900	2.030	-.28652	-.25747	-.29593	-.33871	-.28618	-.33387	-.31291	-.25144	.34077	4.35173
.900	4.234	-.27978	-.25715	-.28911	-.35031	-.29242	-.33329	-.32005	-.25154	.33881	4.34505
	GRADIENT	.00106	.00199	.00169	.00093	.00170	.00593	.00780	.00150	-.00195	.00166

RUN NO. 136/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.192	-.36199	-.35701	-.37794	-.46453	-.41839	-.46226	-.45659	-.34698	.44660	4.31712
.975	-6.925	-.33522	-.34026	-.35923	-.45379	-.40993	-.43701	-.43558	-.32958	.44080	4.33732
.975	-4.686	-.31568	-.33172	-.34697	-.43938	-.39493	-.41918	-.41828	-.32001	.43572	4.35515
.975	-2.437	-.29988	-.32290	-.33124	-.42203	-.37281	-.40884	-.41012	-.31035	.42997	4.36375
.975	-.218	-.29443	-.32203	-.32582	-.40929	-.35333	-.40565	-.40410	-.30958	.42726	4.37651
.975	2.019	-.29538	-.32081	-.32377	-.41345	-.35780	-.39549	-.37894	-.30949	.41946	4.37088
.975	4.243	-.29847	-.32295	-.32694	-.43430	-.38207	-.39108	-.36739	-.31185	.41653	4.36211
	GRADIENT	.00175	.00088	.00213	.00084	.00183	.00312	.00596	.00077	-.00219	.00094

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   131/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.110	-.37168	- 36500	-.37406	-.48020	- 43806	-.41123	-.40527	-.35328	.50710	4.33833
1 150	-4.783	-.36063	-.35729	-.36415	-.46925	-.42436	-.39596	-.38862	-.34253	50236	4.35772
1.150	-2.515	-.34982	-.34899	-.35375	- 45227	-.40038	-.38215	-.37600	-.33394	49757	4.37104
1.149	-.222	-.34161	- 34191	-.34631	- 43451	-.37767	-.37165	-.36376	-.32667	.49364	4.38198
1.149	1.998	- 32525	- 33019	-.34122	- 43302	- 37691	-.35855	-.34559	- 31456	48609	4.38308
	GRADIENT	00505	.00390	.00337	00560	00731	.00542	.00624	00403	- 00233	.00385

-RUN NO.   126/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.495	-.37681	-.36441	-.37758	- 47634	- 43297	-.41106	-.40343	- 35331	.51659	4.33102
1 205	-7.145	- 37103	- 35981	- 37398	- 46768	- 42666	- 40168	-.39495	-.34845	.51256	4.34778
1.205	-4 820	-.35869	-.35156	- 36195	- 45211	- 41012	- 38585	-.37723	- 33748	50784	4.36519
1.205	-2.540	- 34609	-.34348	- 35011	-.43524	- 38552	-.36976	-.36142	-.32895	.50407	4.38093
1 205	-.250	-.33436	-.33520	- 33959	- 41619	- 35937	- 35833	- 34972	-.31939	49916	4.39104
1.205	2 012	-.32718	-.32722	- 33172	-.41506	-.35734	-.34405	-.33382	-.31105	49202	4.39275
1.205	4.262	-.31268	-.31843	- 32347	-.42733	-.57409	-.33300	-.32106	- 30396	.48387	4.38400
	GRADIENT	.00498	.00363	.00420	.00308	.00443	.00579	.00616	.00374	-.00264	.00218

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP ≈   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP ≈   0000 IN YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP ≈   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   0100

RUN NO. 147/ 0   RN/L ≈   3 16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.598	-8 531	- 26233	-.24764	-.27917	-.34966	- 27277	-.37360	- 36707	-.24634	29630	6.25000
.598	-6 418	-.25586	- 24632	-.27121	-.33260	- 26023	-.35483	-.35001	-.23643	29656	6 28591
598	-4.324	-.25115	- 24449	-.26535	- 32304	-.25838	-.34048	-.33700	-.22965	.29602	6.31255
599	-2 184	-.24755	- 24052	- 25985	-.31580	- 25061	-.32883	-.32631	- 22550	.29291	6.33083
.598	-.094	- 24137	- 23549	- 25333	-.30724	-.23950	- 31933	-.31642	-.22254	.28899	6 33606
.598	2.031	- 23415	-.23249	- 24556	-.31295	- 24639	- 31417	- 30898	- 22088	28250	6.33621
.598	4 157	-.22399	-.22768	- 23619	-.32172	- 25417	- 30388	- 30002	-.21549	.27275	6 32105
	GRADIENT	00320	00197	.00343	.00026	00059	.00415	00431	.00156	-.00269	00106

RUN NO 142/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 053	- 31792	- 29920	-.34007	- 35080	-.28600	- 42447	-.41478	- 29142	36594	6.41925
900	-6 829	- 30704	- 29202	-.32555	- 34266	- 28809	- 40708	- 40712	- 28389	.36080	6.45694
900	-4 589	-.29500	- 28225	-.31221	-.33255	-.28649	- 39337	- 39834	-.27143	35698	6.48210
.900	-2.399	- 29437	-.27961	-.30868	-.32577	- 27983	-.37628	- 37622	- 27036	35428	6.50469
900	- 196	- 29510	- 27453	-.30695	-.32068	- 27051	- 35966	- 35178	- 26718	.35016	6 51169
900	2 044	- 29487	- 26749	- 30537	≈.32803	- 27520	- 34744	- 33084	- 26181	.34559	6 50747
.900	4 281	- 28876	- 26328	-.30052	- 34062	-.27949	- 34562	- 33360	- 25738	.34051	6 49425
	GRADIENT	.00054	00226	00120	- 00084	00083	.00560	.00787	.00165	-.00188	00120

RUN NO 137/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 259	- 38789	- 38579	-.38803	- 41884	- 35532	-.46752	- 45790	-.37316	.44534	6.46556
975	-6 953	- 36302	- 36809	- 37224	- 41048	- 35547	- 44515	-.43803	-.35661	.44161	6.49841
976	-4 691	- 32828	- 35215	-.35208	-.40321	- 35310	- 42604	- 42182	-.34005	.43653	6.52140
.975	-2 457	- 31261	-.34212	- 33865	- 39517	-.34225	- 41780	- 41441	- 33073	43112	6.53734
.975	- 214	- 29943	- 33249	-.32593	- 39197	- 33150	- 41180	- 40904	-.32151	42716	6.53983
.975	2 014	- 29903	- 32849	-.32410	- 39858	-.33899	- 40288	-.38768	-.31853	42123	6 54002
.975	4 252	- 30393	-.32985	-.32835	-.41460	- 35731	- 39902	- 37875	-.31927	.41624	6 51746
	GRADIENT	00279	.00260	.00277	- 00117	-.00023	00308	00505	- .00240	- 00226	- 00023

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9 000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO 132/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	GPB4,5	GPB6	CPB7	GPB8	CPCO	CAU	BETA
1 149	-7.161	-.38781	-.38450	-.38582	- 43514	-.38997	-.41887	- 41070	-.37298	.50665	6.56024
1.150	-4 842	-.37929	-.37794	-.37761	- 43132	- 38424	-.40410	- 39556	-.36384	.50347	6.58595
1.150	-2 546	- 36233	-.36239	- 36199	- 42305	-.37220	- 39113	-.38268	- 34828	.49865	6 60345
1.149	- .252	- 35022	- 35206	- 35075	- 41846	-.34864	-.38135	- 37383	- 33766	.49280	6 61467
1.149	2 017	- 33527	-.34028	-.33935	- 42157	-.36583	- 36717	-.35596	-.32586	.48617	6 61102
GRADIENT		00630	00539	00551	00175	.00345	00527	.00558	00545	- 00252	.00378

RUN NO. 127/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9 546	-.39049	- 38111	-.38978	-.44421	-.39365	- 42661	-.41708	- 37345	51552	6 60514
1.205	-7 182	-.38427	- 37572	- 38376	-.43070	-.38188	- 40716	- 39899	-.36554	.51175	6.62999
1 205	-4.856	-.37374	- 36612	- 37183	-.41968	-.37022	- 38477	-.37786	-.35376	.50725	6 65570
1.205	-2 544	-.35658	- 35296	- 35608	-.40831	-.35248	- 37421	-.36659	-.33960	50262	6.67308
1.205	- 267	- 34390	- 34453	- 34640	- 39692	-.33085	- 36596	- 35870	-.32973	.49780	6. 68327
1.205	2 004	- 33449	- 33758	- 33694	- 40375	- 34458	- 35504	- 34553	- 32231	.49208	6 68493
1.205	4.278	-.32285	- 32722	-.32273	- 41300	-.35932	- 34018	-.32491	-.31330	.48252	6.66698
GRADIENT		.00543	00409	00514	.00079	.00131	.00475	.00556	.00431	-.00263	.00151

LARC 8FT TPT /49 (1A93) OTSAT130   (RJJ037)   (24 JUN 76)

| REFERENCE DATA | | | | | | PARAMETRIC DATA | | | |

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 155/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.049	-.31459	- 30760	-.32177	- 45675	-.45079	-.42455	- 41587	-.29916	.37227	-6.52104
900	-6 777	-.30841	-.29865	- 31359	-.44823	- 44184	- 40990	- 40090	-.29021	36977	-6.55436
900	-4 586	-.29935	- 28190	-.30355	-.44958	- 42879	-.39650	-.39867	-.27557	.36607	-6 56502
.899	-2 384	- 29514	-.27008	-.29880	-.44788	- 41534	-.38624	-.38707	-.26799	36224	-6.56536
.900	- 156	- 29157	-.26665	- 29312	- 44645	- 40868	-.36976	-.36735	-.26411	.35879	-6 55698
.900	2.063	-.29107	- 25854	-.29228	- 45279	- 40987	- 35618	-.34875	-.26203	.35255	-6 54084
.900	4.283	-.29031	- 25377	-.29164	-.44025	- 39367	- 34836	-.34082	- 25949	34693	-6 53932
	GRADIENT	00100	.00306	00137	00062	00341	.00570	00694	00172	- 00216	.00342

RUN NO. 150/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.976	-9 225	- 37779	- 38695	- 38509	- 54284	- 52218	-.47912	-.47553	- 37458	45366	-6.60829
.976	-6 945	-.35741	- 37106	-.36250	- 55028	-.52146	-.45410	-.44286	- 35754	.45061	-6.62837
976	-4 661	-.33938	-.34874	-.34618	- 55099	-.51203	-.43760	-.43277	- 33778	44473	-6.63823
975	-2 433	- 32699	-.33399	-.33444	- 54027	- 49244	- 42511	-.42060	- 32468	44068	-6.63403
.975	- 181	- 32221	-.32654	-.32927	- 54005	-.48827	- 41822	- 41546	-.31846	.43819	-6 60901
.975	2 043	- 31832	- 32473	-.32819	-.53738	-.48881	-.41163	- 40245	-.31726	43504	-6.60063
.975	4 294	- 32349	- 32978	-.33117	-.55163	- 49251	- 41109	- 39985	-.32201	43208	-6.59030
	GRADIENT	00181	00211	00162	00007	00190	00297	00375	00174	- 00138	.00578

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ038)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RUN NO.   154/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8 986	- 30206	-.29656	-.31015	-.43650	-.42732	-.42544	- 42436	-.28800	.37457	-4.36341
.900	-6.769	- 29826	-.28663	- 30191	-.43149	-.41641	-.40903	-.41053	-.27784	.37022	-4.38725
.900	-4.547	-.29248	-.27326	-.29447	- 42753	- 40564	-.39522	- 39751	-.26703	.36503	--4 38894
900	-2 359	-.29235	- 26642	- 29278	-.42409	- 39426	- 37667	- 37472	-.26186	.36005	-4 38798
.899	- 128	-.29179	- 26348	- 28976	-.42659	- 38846	-.35607	-.34975	-.25746	.35374	-4.38063
900	2 063	- 29089	-.25489	-.28831	- 43341	- 39218	-.34561	-.33662	-.25536	.34734	-4.37054
.900	4.273	- 28448	-.25198	- 28069	-.42550	-.38161	- 33673	- 32796	-.25066	.34369	-4 36965
	GRADIENT	.00079	.00245	.00145	-.00024	.00227	.00671	00803	.00178	- 00251	00254

RUN NO.   149/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3 ·	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.184	- 35966	- 37477	- 36630	-.52536	- 50719	-.47619	- 48419	- 36176	45562	-4.42512
.976	-6.895	- 33825	- 35990	- 34567	-.53332	- 50317	-.44655	- 44875	-.34503	.45127	-4.43603
976	-4 650	- 31642	-.34485	-.32939	-.52659	- 49128	-.42748	-.42783	-.32986	.44505	-4 43699
.975	-2.418	- 30324	- 32892	-.31863	- 51806	-.47343	-.41808	-.41657	-.31442	.43919	-4.42448
.975	-.186	-.29852	- 31852	-.31134	- 52537	- 47443	- 40779	-.40131	- 30640	.43608	-4.41579
.975	2 046	-.29738	-.32111	-.31506	-.52738	- 47850	-.40305	-.39057	-.30868	.43193	-4.40932
.975	4.294	- 29651	-.32179	- 31739	-.54031	-.48306	-.40091	- 38554	-.30915	.43024	-4.40290
	GRADIENT	00204	.00241	00123	- 00165	.00051	00305	00495	.00211	- 00165	.00373

LARC 8FT TPT /49 (1A93) OTSAT130   (RJJ039) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT	BETA	=	.000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	14.000		
SCALE	=	.0100							

RUN NO. 153/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.970	-.28933	-.28900	-.30016	-.41231	-.37991	-.42806	-.42050	-.28189	.37053	-.04580
.900	-6.748	-.28757	-.28255	-.29929	-.39964	-.35533	-.40241	-.39798	-.27555	.36202	-.03743
.900	-4.530	-.28692	-.28245	-.29462	-.37155	-.33650	-.37709	-.37781	-.27366	.35431	-.03793
.899	-2.350	-.28674	-.28127	-.29737	-.36005	-.32822	-.34611	-.33766	-.27448	.34792	-.03039
.900	-.145	-.28433	-.27473	-.29293	-.36770	-.33077	-.33288	-.31953	-.26717	.34501	-.02007
.900	2.059	-.28128	-.27224	-.29034	-.37846	-.33949	-.32506	-.30421	-.26411	.34122	-.02014
.900	4.269	-.27472	-.26884	-.28392	-.38415	-.34062	-.32241	-.30984	-.25981	.33777	-.01883
	GRADIENT	.00136	.00165	.00129	-.00199	-.00089	.00592	.00769	.00173	-.00181	.00220

RUN NO 148/ 0 RN/L = 4 08 GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.145	-.32667	-.34879	-.34902	-.51088	-.47338	-.46604	-.46121	-.33534	.45103	-.03633
.976	-6.874	-.31449	-.33356	-.33356	-.49571	-.45586	-.44437	-.44089	-.32700	.44517	-.03542
.976	-4.634	-.30458	-.33911	-.32575	-.48366	-.43897	-.42228	-.42056	-.32135	.43793	-.02350
.975	-2.406	-.29455	-.34538	-.32454	-.46959	-.42220	-.40590	-.40500	-.32148	.43285	-.01195
.975	-.189	-.29546	-.34681	-.32648	-.46676	-.41907	-.39593	-.39349	-.32550	.42905	-.00359
.975	2.045	-.29895	-.34937	-.33027	-.47278	-.41866	-.38992	-.38458	-.33116	.42502	.00157
.975	4 258	-.29970	-.34679	-.33277	-.47564	-.42556	-.38132	-.36854	-.32952	.41992	-.00007
	GRADIENT	.00024	-.00096	-.00089	.00058	.00137	.00440	.00560	-.00117	-.00197	.00272

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ040)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	4.000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	14.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	14.000		
SCALE	=	.0100									

RUN NO. 156/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.006	-.30622	-.28719	-.32982	-.39524	- 32413	-.41925	-.41404	-.27840	.37224	4.25715
899	-6 770	- 29775	- 28185	- 31447	-.38148	-.31815	-.40145	-.39636	-.27339	.36570	4 28465
.900	-4.559	- 28446	-.27352	-.29865	-.36474	-.30948	-.38525	-.38396	-.26270	.36176	4.30339
.900	-2 366	- 28623	- 27150	-.29673	-.35140	-.30075	- 36195	- 35709	- 26303	.35714	4.31852
.899	-.144	- 28693	-.26703	- 29676	-.34256	-.29241	-.34785	- 33806	-.25866	.35216	4.32720
.899	2.056	-.28564	- 26116	-.29514	-.34070	-.28721	-.33614	- 31640	- 25357	.34598	4.32730
.899	4.291	-.27905	- 25974	- 28857	-.35323	-.29729	- 33123	- 31799	- 25215	34328	4.31584
GRADIENT		00052	00171	.00098	00152	00171	.00605	.00780	.00138	-.00217	00152

RUN NO. 151/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 192	-.36017	-.35717	-.37818	- 46737	-.42399	- 45986	-.45471	-.34642	.45252	4.28955
.976	-6 914	-.33359	-.34295	-.36240	-.46139	- 41858	- 43807	- 43675	-.33096	.44777	4.31106
.976	-4 664	- 30985	- 33301	-.34472	-.44392	- 40008	-.41758	-.41637	-.31987	.44122	4.32777
.975	-2.399	-.29531	-.32514	-.32973	-.42557	-.37562	-.40696	-.40741	-.31085	43537	4.34149
.975	-.196	- 28908	-.32399	-.32559	- 41336	-.35691	-.40302	-.39830	-.31022	.43314	4.34671
.976	2.040	-.29038	- 32425	-.32491	-.41958	- 36717	-.39373	-.37484	-.31058	.42640	4.34470
.975	4.276	-.29317	-.32559	-.32801	- 43799	- 38990	-.38928	, -.36481	-.31223	.42367	4 33280
GRADIENT		00172	00071	.00172	00080	.00129	00313	.00608	.00070	-.00198	.00060

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ041)   (24 JUN 76)

REFERENCE DATA   ,   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 157/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.048	-.31505	-.30180	- 33763	-.35793	-.28760	-.42608	-.41528	-.29336	.37139	6.38964
.900	-6.808	-.30292	- 29272	- 32240	-.34805	- 28813	-.40655	-.40581	- 28417	.36618	6 42879
900	-4.601	-.28993	-.28345	- 30779	- 33746	-.28657	-.39295	-.39792	-.27242	.36301	6.45372
.900	-2.393	-.28762	-.28025	-.30303	-.32935	- 28002	-.38015	-.38087	-.27000	.35933	6.47538
.900	-.160	-.28737	-.27396	-.30088	-.32317	-.27073	-.35998	- 35199	-.26527	35523	6 47684
.900	2.054	-.29111	-.26808	- 30204	- 32869	-.27367	-.34728	- 33079	-.26139	35036	6.47498
.900	4.285	-.28615	-.26439	-.29959	-.34088	-.28116	- 34337	- 33169	-.25771	.34550	6.46274
	GRADIENT	.00012	.00226	00078	-.00029	00077	.00594	.00821	.00171	-.00198	.00079

RUN NO. 152/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.976	-9 229	-.39088	- 39132	-.39141	- 42358	-.36145	-.46850	- 45798	-.37709	45206	6.46510
.976	-6.954	-.36082	-.37001	-.37395	- 41415	- 35949	- 44540	-.43767	- 35784	44763	6.49626
.976	-4.655	-.32492	-.35436	-.35304	- 40628	- 35614	- 42583	- 42059	-.34062	44198	6.51501
.975	-2.440	-.30940	-.34417	- 33975	-.39909	- 34492	-.41709	-.41247	-.33144	.43641	6 52870
.975	- 196	-.29645	-.33424	- 32694	-.39620	- 33480	-.40996	-.40555	-.32234	.43283	6.53488
.975	2 030	- 29468	-.33022	-.32447	- 40202	-.34422	-.40212	-.38519	-.31831	.42751	6.53127
.976	4 281	- 30032	-.33169	-.32956	-.42133	-.36685	- 39734	- 37597	-.32041	.42370	6.51349
	GRADIENT	.00286	00265	.00278	-.00148	-.00093	00322	.00522	.00239	-.00203	-.00003

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ042)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	-6.000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	14.000		
SCALE =	.0100						

RUN NO. 165/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.027	-.32143	-.30816	- 33086	-.44685	-.44313	-.42235	-.41305	-.30215	.36826	-6.51178
.900	-6.801	- 31614	-.29986	-.32413	-.43775	-.43393	-.40776	-.39724	- 29362	.36565	-6.54337
.899	-4 581	-.30406	-.27951	- 31177	-.44265	-.42182	- 39604	-.40052	-.27615	.36216	-6.54964
899	-2 372	-.29856	- 26935	- 30426	- 44136	-.41005	- 38574	-.38675	- 26991	.36014	-6.55385
.900	-.150	-.29219	- 26359	- 29467	-.44156	-.40570	- 36677	-.36499	- 26425	.35665	-6 54885
.900	2.074	-.29378	-.25699	- 29536	- 44931	-.40906	- 35600	-.34930	-.26358	.35094	-6.54034
.900	4.296	-.29598	-.25405	-.29923	- 43550	-.39392	- 34789	-.34108	-.26410	.34469	-6.53208
	GRADIENT	.00094	.00285	00153	00029	.00256	00568	.00704	.00137	- 00199	00219

RUN NO. 160/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.237	- 37655	- 37983	- 38091	-.53613	-.51852	-.47553	-.47498	-.36977	.44812	-6.59080
.976	-6.951	-.36022	-.36901	-.36441	-.54540	- 52006	-.45580	-.44553	-.35689	.44729	-6.61435
.976	-4.679	-.34586	-.34899	- 34927	-.54664	- 50972	- 44004	- 43443	-.33861	.44181	-6 62184
975	-2.437	- 33637	-.33653	- 33867	-.53628	-.49096	-.42939	-.42460	- 32727	.43769	-6.61152
.975	-.198	-.33143	-.32726	-.33199	-.53611	-.48668	-.42048	-.41797	-.32017	.43539	-6.60127
.975	2.046	-.32926	-.32530	-.33055	-.53664	-.48926	- 41432	- 40550	-.31862	.43115	-6 58590
.975	4.275	- 33486	-.33026	-.33541	-.55103	-.49370	-.41431	-.40332	- 32296	.42824	-6 57551
	GRADIENT	00130	.00218	00160	-.00041	.00151	.00297	00363	.00179	-.00150	00528

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ043)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE =	.0100		

BETA   =   -4.000   ELV-LI =   8.000
ELV-LO =   14.000   ELV-RI =   8.000
ELV-RO =   14 000

RUN NO.   164/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.973	-.31011	-.29755	-.32069	-.42679	-.42086	-.42567	-.42331	-.29152	.36938	-4.35820
900	-6.768	-.30559	-.28689	- 31260	-.41980	-.40673	-.40614	-.40815	-.28029	.36515	-4.37604
900	-4.556	- 29887	- 27268	- 30635	-.41951	-.39806	-.39511	-.39701	-.27055	.36143	-4.38300
.900	-2 357	-.29753	- 26599	-.30155	-.41657	-.38731	-.37360	-.37181	-.26486	.35681	-4.38423
.899	-.141	-.29432	-.26110	-.29545	-.42350	-.38662	-.35443	-.34862	-.25907	.35143	-4 37736
899	2.073	-.29472	-.25287	-.29283	-.43120	- 39184	-.34488	-.33538	- 25767	.34550	-4 36587
900	4.270	-.28935	-.25034	- 28692	- 42294	- 38138	-.33768	-.32953	-.25468	.34161	-4.36131
GRADIENT		.00099	00262	00215	- 00099	00130	00650	.00776	.00176	-.00231	00280

RUN NO.   159/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.193	- 36332	-.37087	-.36895	- 51988	-.50529	-.47783	-.48856	- 36040	.45215	-4.40592
.976	-6 910	-.34327	-.35779	-.34803	- 52745	- 50108	-.44980	-.45329	-.34576	.44795	-4.41664
976	-4.643	-.32390	- 34560	-.33285	- 52042	- 48899	- 43252	-.43364	-.33201	.44209	-4.41625
.975	-2.417	-.31150	- 33065	- 32173	-.51183	- 47068	-.42255	-.42212	-.31787	.43684	-4 40999
975	-.173	-.30838	- 31999	- 31408	-.52105	-.47245	- 41064	-.40452	-.30958	.43303	-4 40071
.975	2.048	-.30941	- 32402	-.31800	-.52517	- 47678	-.40597	-.39530	- 31268	.42868	-4.39110
.975	4 264	-.31201	-.32299	-.32297	-.53889	-.48302	-.40237	-.38879	-.31237	42642	-4 38157
GRADIENT		.00116	.00233	.00106	- 00226	.00026	.00345	.00523	.00200	-.00177	00396

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ044)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA = .000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO = 14.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO = 14.000	
SCALE = .0100					

RUN NO. 163/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.899	-8.980	-.29704	-.28987	-.31202	-.40061	-.37033	-.42779	-.42017	-.28339	.36503	-.02781
.900	-6.738	-.29464	-.28335	-.31152	-.39807	-.34655	-.40201	- 39754	-.27687	.35739	- 02137
.900	-4.529	-.29276	-.28169	- 30417	- 35973	- 32950	- 37545	- 37691	-.27464	.34897	-.01723
.900	-2.337	-.29267	- 28015	-.30653	- 34877	- 32258	-.34457	- 33586	-.27523	.34413	-.01262
.899	-.136	-.29017	- 27260	-.30093	- 35943	-.32862	-.33339	- 31852	-.26644	.34043	- 00048
.900	2.047	-.28645	- 27014	- 29677	-.37147	-.33742	-.32329	-.30238	-.26364	.33825	-.00101
.899	4.247	- 27925	-.26731	-.29072	-.38337	-.34302	-.32206	- 31032	-.25968	.33339	-.00369
	GRADIENT	.00152	00177	00167	- 00319	-.00191	.00584	00760	00189	-.00169	.00176

RUN NO. 158/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.976	-9.135	-.33727	-.34983	-.35455	- 50767	- 47077	-.47049	-.46632	-.34070	.44887	-.04383
.975	-6 880	- 32352	-.33923	-.33713	- 49123	-.45175	-.44595	-.44334	-.33112	.44304	-.03869
.975	-4 623	-.31500	-.33830	-.32999	- 47638	- 43442	-.42340	-.42286	-.32645	.43512	-.03029
.975	-2.397	-.30642	- 34618	-.32908	- 46105	- 41807	-.40766	- 40806	-.32699	.43050	-.01746
.975	-.202	-.30806	- 34908	- 33083	- 45551	-.41407	-.39908	- 39997	- 33133	.42610	-.00981
.975	2 025	-.31152	-.34939	-.33447	-.46856	-.41660	- 39169	-.39013	-.33549	.42167	-.00700
.975	4 243	-.31050	-.34343	-.33326	- 48276	- 42724	-.38202	-.37342	-.33138	.41543	-.01291
	GRADIENT	.00018	- 00061	-.00054	-.00092	00071	.00446	.00527	- 00083	-.00218	.00204

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ045)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA = 4.000   ELV-LI = 8.000
ELV-LO = 14.000   ELV-RI = 8.000
ELV-RO = 14.000

RUN NO. 166/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.998	-.31456	-.28744	-.34021	-.39133	-.31995	-.41928	-.41289	-.28006	.36771	4.27563
.900	-6.763	-.30444	-.28283	-.32297	-.37675	-.31411	-.40066	-.39428	-.27533	.36195	4.30761
.900	-4.554	-.29139	-.27283	-.30772	-.36026	-.30646	-.38392	-.38213	-.26265	.35752	4.31689
.899	-2.367	-.29629	-.27379	-.30837	-.34975	-.30140	-.36010	-.35541	-.26539	.35313	4.33866
.899	-.157	-.29283	-.26642	-.30402	-.34115	-.29214	-.34679	-.33662	-.25857	.34929	4.34136
.899	2.039	-.28939	-.25996	-.30015	-.34266	-.29062	-.33318	-.31237	-.25324	.34351	4.34043
.900	4.258	-.28406	-.25982	-.29415	-.35628	-.30104	-.33295	-.32000	-.25365	.34165	4.33194
	GRADIENT	.00098	.00181	.00161	.00068	.00098	.00585	.00759	.00137	-.00188	.00144

RUN NO. 161/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.180	-.36258	-.35626	-.37555	-.46943	-.42078	-.46286	-.45714	-.34723	.44860	4.30706
.976	-6.918	-.34156	-.34336	-.36049	-.45766	-.41182	-.44094	-.43916	-.33308	.44339	4.33059
.976	-4.662	-.32103	-.33354	-.34902	-.44101	-.39414	-.42179	-.42042	-.32221	.43791	4.34611
.976	-2.420	-.30499	-.32394	-.33437	-.42324	-.37277	-.41032	-.41103	-.31137	.43245	4.35694
.975	-.199	-.29597	-.32179	-.32560	-.41245	-.35731	-.40624	-.40375	-.30972	.43014	4.36505
.975	2.025	-.29678	-.32103	-.32360	-.42048	-.36720	-.39502	-.37834	-.30959	.42247	4.36152
.975	4.261	-.29898	-.32179	-.32612	-.44082	-.39206	-.38968	-.36658	-.31107	.41934	4.35060
	GRADIENT	.00235	.00119	.00254	.00014	.00044	.00357	.00630	.00108	-.00211	.00061

LARC 8FT TPT 749 (IA93) OTSATI30   (RJJ046)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 14.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 14.000	
SCALE = .0100				

RUN NO. 167/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.039	- 32053	- 30068	-.34157	- 35499	- 29005	-.42439	-.41443	- 29387	36731	6.41387
.899	-6.806	-.31073	-.29401	-.32813	-.34547	-.28997	-.40552	-.40540	-.28664	.36267	6.45330
.900	-4.587	-.29933	- 20443	- 31620	- 33543	-.28823	-.39322	- 39803	-.27347	.35938	6.47810
.900	-2.369	- 29809	- 28131	-.31216	- 32780	-.28108	- 37815	- 37872	-.27170	.35703	6.49908
900	- 145	- 29508	-.27327	-.30760	- 32056	-.27014	- 35940	- 35091	- 26543	.35351	6.50956
.900	2.057	-.29741	-.26910	-.30859	-.33061	-.27715	-.34787	-.33155	-.26328	.34809	6.49869
.900	4.286	-.29147	-.26408	-.30322	- 34379	-.28453	- 34506	- 33367	-.25826	.34389	6.48606.
	GRADIENT	00074	.00239	00133	-.00088	00051	00571	.00793	.00175	-.00180	00070

RUN NO 162/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.236	- 39574	- 39454	-.38727	- 41920	-.36127	- 46810	- 45823	- 37108	44652	6.47917
.976	-6 950	-.36729	-.36986	-.37394	- 40966	-.35747	-.44692	- 43893	- 35846	.44389	6 51075
.976	-4.694	-.33827	- 35642	- 35742	- 40246	- 35282	- 43031	- 42512	-.34387	.43879	6 53244
.976	-2.448	- 31823	- 34522	- 34167	-.39457	- 34287	-.41941	-.41567	-.33328	43401	6.54747
975	-.202	- 30349	- 33487	-.32854	- 39301	- 33408	-.41309	- 40956	-.32282	42941	6.55111
.975	2.031	- 30080	- 32887	-.32451	- 40203	- 34494	- 40245	- 38753	-.31847	42436	6.54696
.975	4.277	-.30686	- 33017	-.32952	-.42001	-.36506	-.39827	- 37900	-.31977	.41984	6.52550
	GRADIENT	.00358	.00307	00325	- 00190	- 00118	00361	.00537	.00281	- 00212	-.00064

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ047)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 185/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
900	-9 051	- 32568	-.30517	-.33720	- 43635	- 43321	- 42273	- 41512	-.30095	.36029	-6.51665
.900	-6.830	-.31928	-.29955	-.32792	- 42623	- 42354	-.40700	- 39917	-.29342	35840	-6.55128
.900	-4 587	-.30831	-.28459	-.31486	-.43066	-.41112	-.39457	- 39758	-.27890	.35542	-6 56467
.900	-2 389	-.30405	- 27521	- 30738	- 43166	-.40040	-.38618	- 38796	-.27375	.35280	-6.57275
.901	- 180	-.29853	-.26961	- 29998	-.43408	-.39649	-.36966	- 36754	-.26905	34892	-6.57164
900	2 022	-.29864	-.26054	- 30098	-.43574	-.39422	-.35987	-.35429	-.26690	34375	-6.56487
.901	4.256	-.29854	- 25646	-.30445	-.42885	-.38926	- 35135	- 34533	-.26661	.33806	-6.55934
GRADIENT		00113	.00321	.00123	- 00002	00235	.00510	00625	.00142	- 00198	.00084

RUN NO. 180/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 260	- 37703	- 37844	- 38304	- 52620	- 51253	-.47936	-.48347	- 36818	.43821	-6.58817
.976	-6.969	-.36057	- 36709	- 36373	-.53552	-.51307	-.45373	-.44976	-.35516	.43627	-6.61199
.975	-4 708	-.35005	- 35142	-.35179	-.53575	- 50274	-.44025	- 43588	- 34020	43278	-6 62412
.975	-2.442	-.34231	- 34008	-.34160	-.52643	-.48382	-.43096	- 42803	-.32948	.42914	-6 61799
.974	-.202	-.33670	- 33053	-.33361	- 52469	-.47489	- 42287	- 42088	-.32188	42614	-6.59812
.975	2.013	-.33727	- 33277	-.33481	- 52622	-.47771	-.41818	-.40987	-.32403	42403	-6.58582
.975	4 252	- 34716	-.33705	- 34343	- 53942	-.48274	- 42108	-.40988	-.32904	42125	-6.58111
GRADIENT		.00049	00162	00106	-.00031	.00207	00229	.00314	.00125	-.00126	.00528

RUN NO. 175/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.152	-.35217	- 33815	-.38978	- 55435	- 50573	-.42039	- 42771	- 33137	49986	-6.66518
1.150	-4 819	- 34773	- 33494	-.38600	-.54838	- 50132	-.41274	-.41528	-.32905	49746	-6.67019
1.150	-2 534	-.34306	- 32964	-.37114	- 53527	-.48206	-.40320	-.40814	-.32660	49717	-6.66554
1.150	-.254	-.33572	- 32453	- 35628	-.52805	- 47000	- 39106	-.40033	-.32121	49411	-6.65204
1.150	2.011	-.33200	-.32422	- 34881	-.51834	- 46422	- 38175	-.38872	-.31850	49048	-6 64730
GRADIENT		.00240	.00164	.00555	.00428	00542	.00462	.00384	00163	-.00105	.00361

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ047)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 170/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.557	-.35697	-.34229	-.39551	-.55278	-.50202	-.42400	-.43350	-.33339	.50953	-6.65974
1.205	-7.177	-.34735	-.33313	-.38816	-.54275	-.48768	-.41332	-.42282	-.32513	.50635	-6.66348
1.205	-4.829	-.34153	-.32778	-.38327	-.53264	-.47874	-.39978	-.40415	-.32274	.50491	-6.67922
1.205	-2.530	-.33702	-.32400	-.37355	-.52496	-.46595	-.38950	-.39469	-.31986	.50417	-6.66928
1.205	-.259	-.33034	-.31824	-.35952	-.52027	-.45705	-.37698	-.38604	-.31490	.50228	-6.65782
1.205	2.014	-.32683	-.31869	-.35109	-.51179	-.45287	-.36593	-.37275	-.31319	.49897	-6.64671
1.205	4.289	-.32607	-.32063	-.34988	-.49905	-.44113	-.35338	-.35525	-.31397	.48984	-6.63830
	GRADIENT	.00180	.00086	.00392	.00353	.00388	.00511	.00526	.00106	-.00155	-.00458

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ048)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 184/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.011	-.31633	-.29528	-.33000	-.41431	-.40940	-.42939	-.42769	-.29004	.36113	-4.34179
.900	-6.772	-.31020	-.28838	-.31920	-.40987	-.39939	-.40740	-.40896	-.28135	.35775	-4.36410
.900	-4.558	-.30494	-.27644	-.31105	-.40738	-.38775	-.39318	-.39552	-.27164	.35391	-4.36634
.900	-2.377	-.30142	-.26847	-.30531	-.40397	-.37520	-.37346	-.37189	-.26668	.34931	-4.37039
.901	-.178	-.29692	-.26130	-.29792	-.41185	-.37439	-.35421	-.34774	-.26029	.34350	-4.35943
.901	2.015	-.29542	-.25222	-.29620	-.41692	-.37477	-.34790	-.33909	-.25768	.33804	-4.35680
.900	4.235	-.29188	-.25180	-.29335	-.41458	-.37130	-.34138	-.33357	-.25446	.33325	-4.35122
	GRADIENT	.00146	.00298	.00202	-.00124	.00151	.00587	.00712	.00197	-.00239	.00200

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ048)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976 0000 IN. XT		BETA	=	-4.000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		ELV-LO	=	4.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	4.000		
SCALE	=	.0100									

RUN NO. 179/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.209	-.36520	-.36881	-.37073	-.50671	-.49740	-.48058	-.49422	-.35844	44172	-4.38505
.976	-6.939	-.34648	-.35603	-.34906	-.51443	-.49231	-.44826	-.45496	-.34410	.43736	-4.39573
.975	-4.673	-.33120	-.34596	-.33528	-.50707	-.48112	-.43353	-.43796	-33278	.43289	-4.39783
.975	-2.439	-.31883	-.33455	-32480	-.50007	-.46109	-42557	-.42875	-32146	.42836	-4.38839
975	-.220	-.31711	-32477	-31885	-.50747	-.46031	-.41536	-.41088	-.31332	.42454	-4 37541
.975	2.012	-.31985	-33133	-32386	-.51392	-.46459	-.40784	-40005	-.31948	.42025	-4.36521
.975	4.256	-32280	-.33055	-32835	-.52347	-.46945	-.40605	-39308	-.31880	.41720	-4.35817
	GRADIENT	.00071	.00152	.00066	-00209	.00089	.00326	.00531	.00134	-.00177	.00459

RUN NO. 174/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.103	-.34874	-.33476	-.37340	-53886	-.49329	-.41125	-.41987	-.32446	.49824	-4.44824
1.150	-4.810	-.34272	-32922	-.36189	-.53205	-48556	-.39991	-.40586	-.32231	.49536	-4 45428
1.150	-2.514	-.33765	-.32507	-.35187	-.52055	-46847	-.39245	-.39831	-32194	.49436	-4.43759
1.150	-.234	-.32997	-.32008	-.34366	-.51901	-.46462	-.38655	-.38984	-31537	.49086	-4.43119
1.150	2.016	-.31946	-.31575	-.33005	-.51144	-.45908	-37503	-.37537	-.30782	.48613	-4.43298
	GRADIENT	.00340	00199	.00456	.00279	.00366	.00354	.00439	.00220	-.00137	.00310

RUN NO. 169/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 205	-9.488	-.35022	-.33411	-.37962	-.54600	-.49900	-.40809	-.41553	-.32331	.51028	-4.43213
1.205	-7.128	-34143	-.32588	-.37202	-52328	-.47360	-.39923	-.40756	-31823	.50526	-4 44522
1.205	-4.784	-.33640	-.32035	-.36494	-.51330	-.46373	-.38673	-.39399	-31663	.50194	-4 44015
1 205	-2.517	-.33024	-.31571	-.35385	-.50612	-.45100	-.37661	-38117	-.31301	.50125	-4 43461
1.205	-.253	-.32296	-31177	-.34310	-.50713	-.44875	-.36927	-.37204	-.30771	.49833	-4 41904
1 205	2.012	-31412	-.30960	-32897	-.50052	-.44458	-.35872	-.35879	-30239	49419	-4.41760
1.204	4.268	-31043	-30925	-32656	-.48827	-43250	-.34758	-.34315	-.30041	.48674	-4.41387
	GRADIENT	00301	.00122	.00449	00246	.00304	.00425	.00548	00190	-00165	.00307

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ049)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA   =   .000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO.   183/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.972	-.30704	-.29103	-.32620	-.38203	-.35495	-.42904	-.42232	-.28557	.35484	-.01346
.900	-6.745	-.30287	-.28341	-.32539	-.36983	-.33282	-.40330	-.39905	-.27884	.34781	-.00091
.900	-4.547	-.29956	-.28213	-.31495	-.34564	-.32027	-.37887	-.38144	-.27722	.34059	.00119
.900	-2.367	-.29786	-.27986	-.31505	-.33594	-.31558	-.34827	-.33845	-.27472	.33479	.00628
.900	-.163	-.29257	-.26910	-.30553	-.34595	-.32134	-.33649	-.31974	-.26452	.33133	.01860
.900	2.013	-.28933	-.26655	-.30076	-.35661	-.32864	-.32659	-.30458	-.26117	.32678	.02216
.900	4.213	-.27839	-.26580	-.29106	-.36600	-.33244	-.32615	-.31365	-.25998	.32535	.02225
	GRADIENT	.00237	.00210	.00284	-.00280	-.00171	.00580	.00773	.00219	-.00176	.00265

RUN NO.   178/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.168	-.34252	-.34877	-.35473	-.49573	-.45841	-.47033	-.46656	-.34035	.43830	-.03204
.975	-6.910	-.33346	-.34200	-.34321	-.48545	-.44599	-.45116	-.44833	-.33317	.43349	-.02551
.975	-4.638	-.32507	-.33996	-.33475	-.46552	-.42522	-.42818	-.42867	-.32977	.42540	-.01288
.975	-2.410	-.31847	-.34703	-.33396	-.44545	-.40538	-.41286	-.41502	-.33157	.42084	.00373
.975	-.224	-.31750	-.35093	-.33569	-.43821	-.39968	-.40333	-.40507	-.33516	.41700	.01487
.975	2.008	-.32258	-.35321	-.34096	-.45125	-.40123	-.39586	-.39781	-.34044	.41266	.01348
.975	4.211	-.32531	-.34827	-.34182	-.47072	-.41532	-.38666	-.38427	-.33798	.40823	.00617
	GRADIENT	-.00021	-.00103	-.00096	-.00073	.00108	.00452	.00479	-.00114	-.00192	.00216

RUN NO.   173/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.067	-.34902	-.34311	-.35355	-.51655	-.46860	-.41265	-.40958	-.33090	.49388	-.04378
1.150	-4.774	-.34057	-.33783	-.34632	-.50601	-.45705	-.40072	-.39645	-.32578	.48988	-.03862
1.150	-2.494	-.33209	-.33259	-.33851	-.49650	-.44287	-.38965	-.38549	-.32035	.48864	-.02806
1.150	-.253	-.31768	-.33173	-.33342	-.48729	-.42650	-.37831	-.37000	-.31802	.48569	-.01821
1.150	1.994	-.30418	-.32508	-.32356	-.48452	-.42234	-.36217	-.34871	-.30915	.47847	-.01658
	GRADIENT	.00548	.00174	.00325	.00327	.00535	.00563	.00704	.00232	-.00165	.00337

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ049)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 169/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.424	-.35501	-.33655	-.36336	-.50843	-.46649	-.40856	-.40582	-.32548	.50399	-.02902
1.205	-7.086	-.34078	-.33018	- 34729	-.49046	-.44629	-.39651	-.39450	-.31920	.49919	-.02941
1.205	-4 779	-.33231	-.32604	- 33948	-.48107	-.43339	-.38267	-.38013	-.31542	.49605	-.01925
1.205	-2 498	-.32447	- 52217	-.33292	-.47243	- 41846	-.36935	-.36545	-.31046	.49436	-.00370
1.205	-.246	- 31441	-.31889	-.32675	-.46397	-.40661	-.35965	-.35126	-.30709	.49145	.00674,
1 205	2 006	-.30228	-.31541	-.32031	-.46451	-.40366	-.34735	-.33338	-.30191	48519	.00762
1.205	4.240	-.29219	-.30850	-.30900	-.46410	-.40476	-.33116	- 31855	-.29472	47777	.00573
	GRADIENT	.00454	00186	.00326	.00186	.00320	.00555	00689	.00222	- 00203	.00272

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ050)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   = 4.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = 4 000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO = 4 000
SCALE =   .0100

RUN NO. 186/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
900	-9.011	-.32045	-.28633	-.34917	-.37956	- 31466	-.41897	-.41058	-.28019	.35939	4 28417
.900	-6 775	- 31174	-.28409	- 33359	-.36656	- 30910	- 40331	-.39558	- 27650	35444	4.31439
.900	-4 596	-.29897	-.27304	- 31726	-.34718	- 29993	-.38523	-.38310	- 26310	.34976	4.32728
.900	-2.382	-.30103	- 27051	-.31531	-.34223	- 29954	-.36609	-.36006	- 26100	.34472	4.34663
.900	-.185	-.29628	- 26410	-.30845	-.33413	-.29123	-.35083	-.33977	-.25515	.34047	4.35556
.900	2.034	-.28973	- 25689	-.30102	-.33596	- 28771	-.33812	-.31657	-.24883	33444	4.35144
.900	4.225	-.28671	-.25747	-.29678	-.34912	-.29418	-.33777	-.32326	-.24986	.33282	4.34054
	GRADIENT	00163	.00203	.00251	.00011	00106	00558	.00741	00175	- 00200	.00142

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ050) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 4.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT	ELV-LO = 4.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = .0100		

RUN NO. 181/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.205	-.36416	-.35338	-.37331	-.45795	-.40834	-.46329	-.45766	-.34434	.43782	4.31833
976	-6.951	-.34444	-.34127	-.35696	-.44713	-.40210	-.44003	-.43886	-.33202	.43313	4.33592
.975	-4.682	-.32836	-.33174	-.34671	-.43048	-.38515	-.42098	-.42065	-.32113	.42792	4.35003
.975	-2.437	-.31494	-.32208	-.33499	-.41605	-.36659	-.41192	-.41366	-.31095	.42288	4.36572
.975	-.222	-.30805	-.32039	-.33082	-.40580	-.35240	-.40964	-.40900	-.30914	.42176	4.36967
.975	2.007	-.30928	-.32068	-.32905	-.41270	-.35528	-.39687	-.38277	-.30924	.41448	4.37001
.975	4.233	-.31373	-.32284	-.33400	-.43175	-.37679	-.39293	-.37168	-.31161	.41058	4.35858
	GRADIENT	.00157	.00086	.00141	.00004	.00126	.00319	.00578	.00093	-.00193	.00096

RUN NO. 176/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.115	-.36642	-.35580	-.36795	-.47290	-.42352	-.41215	-.40650	-.34579	.49971	4.36271
1.150	-4.804	-.35873	-.35006	-.36047	-.45931	-.40904	-.39931	-.39210	-.33691	.49588	4.38584
1.150	-2.529	-.34966	-.34414	-.35254	-.44697	-.39155	-.38879	-.38269	-.32933	.49169	4.39626
1.150	-.251	-.34027	-.33808	-.34473	-.43340	-.37429	-.37951	-.37304	-.32298	.48747	4.40921
1.150	2.002	-.32717	-.32778	-.33728	-.43125	-.37520	-.36652	-.35554	-.31194	.48009	4.40833
	GRADIENT	.00458	.00321	.00341	.00431	.00524	.00474	.00526	.00358	-.00227	.00355

RUN NO. 171/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.486	-.37399	-.35567	-.37572	-.46959	-.41997	-.41400	-.40496	-.34561	.50887	4.35584
1.205	-7.129	-.36558	-.34944	-.35833	-.45671	-.41060	-.40083	-.39342	-.33973	.50517	4.37448
1.205	-4.816	-.35511	-.34719	-.35789	-.44268	-.39622	-.38894	-.37974	-.33108	.50090	4.39389
1.205	-2.528	-.34354	-.33671	-.34608	-.42860	-.37569	-.37513	-.36638	-.32277	.49706	4.40884
1.205	-.231	-.33293	-.32999	-.33659	-.41451	-.35685	-.36571	-.35777	-.31506	.49305	4.41843
1.205	2.004	-.32186	-.32128	-.32654	-.41219	-.35426	-.35106	-.34150	-.30571	.48641	4.42084
1.205	4.261	-.30800	-.31348	-.31793	-.42726	-.37335	-.33921	-.32830	-.29916	.47909	4.41127
	GRADIENT	.00511	.00332	.00438	.00209	.00298	.00544	.00563	.00357	-.00239	.00207

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ051)   (24 JUN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT	XMRP	= 976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	
SCALE	= .0100			

BETA   =   6.000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO. 187/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 027	-.32652	-.29639	-.34920	-.34743	- 29001	-.42797	-.41835	-.29082	.35844	6.42960
.900	-6 829	-.31661	-.29141	-.33430	-.33733	-.28950	-.40737	- 40545	- 28416	.35535	6.46894
.900	-4.603	-.30719	-.28304	-.32412	-.32714	-.28783	-.39465	-.39822	-.27143	.35223	6 49873
.900	-2.397	- 30530	- 27935	-.31766	- 32190	-.28326	-.38117	-.38162	-.26863	.34889	6.52791
.900	-.188	- 30077	- 27370	-.31315	-.31773	- 27370	-.36483	-.35578	- 26453	.34432	6.53122
.900	2 026	- 29938	-.26833	- 31108	-.32681	- 27871	-.35209	-.33579	-.26185	34042	6 53644
.899	4 235	-.29653	-.26478	-.30725	- 33999	- 28254	-.35200	-.33971	-.25739	.33567	6.52096
	GRADIENT	.00123	00215	.00182	-.00139	00068	.00518	00737	.00158	-.00188	00240

RUN NO. 182/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9 273	-.38342	- 38057	-.38485	- 40789	-.35264	-.46789	- 45894	-.36731	.43589	6 51066
976	-6.968	- 36864	-.36820	- 37260	-.40142	-.35115	- 44783	- 44024	- 35670	43375	6.55017
975	-4.715	- 34548	- 35441	-.35778	- 39425	- 34678	-.42864	- 42489	- 34331	.42923	6 57051
.975	-2 466	- 32741	- 34415	-.34484	- 38690	- 33684	-.42015	- 41754	-.33314	42481	6 58922
.975	- 223	-.31289	-.33514	-.33139	-.38534	- 32877	- 41589	- 41442	- 32319	42218	6.59960
975	2.002	- 30913	- 32974	-.32651	-.39443	-.33526	- 40665	-.39452	- 31913	.41687	6 59472
975	4 250	- 31983	- 33245	- 33470	-.41288	-.35524	-.40264	' - 38408	- 32226	.41199	6 57482
	GRADIENT	00311	00260	00288	-.00200	- 00068	.00292	.00467	.00251	-.00189	00063

RUN NO. 177/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 150	-7 141	-.38310	-.37052	-.38145	-.43049	-.38444	- 42348	-.41534	- 36750	.50025	6.55994
1 150	-4.832	- 37523	- 37204	-.37287	- 42510	- 37660	-.40962	-.40102	-.35836	.49743	6.59113
1.150	-2 546	-.36006	- 35746	- 35940	- 41936	- 36791	-.39770	- 38966	-.34404	49290	6 60683
1.150	- 264	-.34810	-.34709	-.34877	- 40963	- 34661	- 38833	- 38140	-.33339	48757	6 61789
1.150	2 006	-.33283	-.33636	-.33722	-.42060	-.36465	- 37381	- 36404	- 32219	.48138	6 61642
	GRADIENT	.00610	.00515	00516	00102	.00251	00512	00523	.00523	-.00235	.00382

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ051)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 172/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.204	-9.551	-.38436	-.37536	-.38489	-.43975	-.38943	-.42858	-.41919	-.36775	.50903	6.54309
1.205	-7.167	-.37814	-.36880	-.37825	-.42555	-.37712	-.41023	-.40228	-.35965	.50532	6.57090
1.205	-4.853	-.36995	-.36008	-.36837	-.41656	-.36563	-.39170	-.38420	-.34859	.50088	6.59597
1.205	-2.557	-.35336	-.34569	-.35183	-.40550	-.35035	-.37918	-.37232	-.33410	.49658	6.60188
1.205	-.255	-.33929	-.33723	-.34068	-.39416	-.32743	-.37107	-.36403	-.32428	.49238	6.61938
1.204	1.993	-.33017	-.33120	-.33168	-.40314	-.34458	-.36008	-.35133	-.31689	.48750	6.61946
1.204	4.280	-.31993	-.32269	-.32057	-.41442	-.35935	-.34670	-.33364	-.30954	.47818	6.60659
GRADIENT		.00540	00391	00507	00030	.00082	.00478	00535	00418	-.00239	00171

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ052)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   = -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO = -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   0100

RUN NO. 195/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.201	-.36043	-.35115	-.39439	-.54610	-.49727	-.42009	-.42360	-.34076	.49826	-6.66167
1.150	-4.856	-.34905	-.33529	-.38231	-.54017	-.49079	-.41222	-.41509	-.32839	.49565	-6.66818
1.150	-2.541	-.34570	-.33177	-.36941	-.52826	-.47218	-.40427	-.40935	-.32809	.49486	-6.67028
1.150	-.287	-.33899	-.32683	-.35528	-.52186	-.46036	-.39270	-.40184	-.32333	49280	-6.66099
1.150	2.001	-.33534	-.32778	-.34741	-.51132	-.45636	-.38297	-.38806	-.32032	.48911	-6 65029
GRADIENT		00209	00120	00521	.00407	.00505	.00435	.00388	.00127	-.00095	00275

RUN NO. 190/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.591	-.36566	-.35405	-.40414	-.53997	-.49151	-.42523	-.42759	-34327	.50786	-6.67902
1.205	-7.199	-35520	-.34479	-.39003	-.53290	-.47661	-.40985	-.41599	-33192	.50513	-6.68339
1.205	-4.866	-34295	-.32852	-.38097	-.52409	-.46844	-39978	-40394	-.32303	.50315	-6.69292
1.205	-2.554	-33926	-.32501	-.37072	-.51779	-.45523	-38997	-.39548	-.32267	50240	-6.68557
1.205	-.277	-.33318	-32039	-.35738	-.51342	-44781	-37741	-.38599	-.31768	.49992	-6.67781
1.205	1.976	-.32988	-32249	-35005	-50348	-44462	-.36710	-.37198	-.31493	.49710	-6.67022
1.205	4.263	-.32978	-.32464	-.35211	-.49405	-43545	-.35512	-.35415	-31771	48893	-6.66314
GRADIENT		.00157	.00045	.00344	.00326	.00336	00492	.00540	.00081	-.00148	.00329

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ053)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 194/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.111	-.35108	-.34091	-.38277	-.52389	-.48169	-.40771	-.41012	-.33134	.49587	-3.78919
1.150	-4.828	-.34219	-.33701	-.37070	-.51680	-.47147	-.39563	-.39721	-.32937	.49286	-3.79348
1.150	-2.532	-.33936	-.33134	-.34958	-.50751	-.45485	-.39454	-.39641	-.32443	.49201	-3.78104
1.150	-.279	-.33152	-.32416	-.33929	-.50745	-.45239	-.38719	-.38878	-.31734	.48886	-3.77065
1.150	1.992	-.31815	-.32057	-.32403	-.49951	-.44565	-.37290	-.37090	-.31034	.48305	-3.76851
	GRADIENT	.00352	.00249	.00662	.00229	.00352	.00332	.00381	.00282	-.00143	.00376

RUN NO. 189/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.204	-9.507	-.35462	-.33592	-.38622	-.54864	-.50015	-.41252	-.41839	-.32359	.50875	-4.45638
1.205	-7.150	-.34420	-.32743	-.37323	-.51958	-.47068	-.40139	-.40834	-.31824	.50297	-4.46402
1.205	-4.829	-.33714	-.31967	-.36313	-.50533	-.45446	-.38488	-.39157	-.31768	.49986	-4.46772
1.205	-2.536	-.33066	-.31518	-.35236	-.50050	-.44172	-.37725	-.38150	-.31346	.49873	-4.45563
1.205	-.266	-.32441	-.31209	-.34298	-.50181	-.44079	-.37082	-.37355	-.30901	.49603	-4.44836
1.205	1.985	-.31605	-.31122	-.32917	-.49394	-.43705	-.36086	-.36089	-.30391	.49180	-4.44371
1.204	4.246	-.31201	-.31070	-.32694	-.48210	-.42557	-.34855	-.34372	-.30195	.48499	-4.43579
	GRADIENT	.00286	.00097	.00422	.00234	.00276	.00393	.00513	.00181	-.00162	.00334

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ054)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   8 000
LREF = 1290 3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   -5 000   ELV-RI =   8 000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   -5 000
SCALE =   0100

RUN NO. 193/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.083	-.35050	-.34318	-.35857	-.50704	-.45437	-.41073	-.40707	-.33260	.49011	-.03443
1.150	-4.795	-.34278	-.33815	-.35023	-.49485	-.44365	-.39852	-.39467	-.32775	.48671	-.02997
1.150	-2.511	-.33306	-.33260	-.34027	-.48514	-.42670	-.38688	-.38276	-.32192	.48549	-.01553
1.150	-.272	-.31846	-.32898	-.33243	-.47667	-.41243	-.37663	-.36865	-.31875	.48224	-.00483
1.150	1.982	-.30579	-.32131	-.32348	-.47773	-.41368	-.36454	-.35259	-.30998	.47573	-.00216
	GRADIENT	.00556	.00240	.00390	.00265	.00462	.00497	.00622	.00250	-.00160	.00417

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ054)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN XT		BETA = 000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 188/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.447	-.35696	-.33583	-.36580	-.50337	-.45968	-.40972	-.40632	-.32530	.50241	-.02435
1.205	-7.115	-.34237	-.32984	-.34874	-.48499	-.43710	-.39640	-.39453	-.31830	.49701	-.02640
1.205	-4.805	-.33264	-.32435	-.33950	-.47295	-.42220	-.38210	-.37978	-.31390	.49320	-.01582
1.206	-2.534	-.32442	-.32083	-.33265	-.46581	-.40878	-.36911	-.36554	-.30930	.49138	-.00328
1.205	-.260	-.31490	-.32069	-.32613	-.45488	-.39372	-.35898	-.34929	-.30925	.48900	.00703
1.205	1.987	-.30169	-.31435	-.32061	-.45919	-.39550	-.34887	-.33530	-.30327	.48286	.00768
1.205	4.224	-.29274	-.30903	-.31160	-.46235	-.40035	-.33553	-.32277	-.29757	.47592	.00787
	GRADIENT	.00454	.00164	.00300	.00124	.00253	.00502	.00639	.00171	-.00191	.00259

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ055)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN XT		BETA = 4 000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 196/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.124	-.36768	-.35130	-.36861	-.46921	-.41944	-.41773	-.40956	-.34239	.49663	4.35178
1.150	-4.831	-.36113	-.34680	-.36209	-.45737	-.40686	-.40559	-.39631	-.33456	.49267	4.37060
1.150	-2.536	-.35130	-.34056	-.35210	-.44214	-.38630	-.39126	-.38374	-.32723	.48916	4.38324
1.150	-.269	-.33933	-.33517	-.34266	-.42790	-.36573	-.38143	-.37391	-.32072	.48578	4.39129
1.150	1.988	-.32593	-.32474	-.33555	-.42880	-.37021	-.36953	-.35989	-.30982	.47806	4.39036
	GRADIENT	.00517	.00315	.00392	.00440	.00575	.00519	.00524	.00355	-.00208	.00297

RUN NO. 191/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.504	-.37493	-.35161	-.37536	-.46728	-.41617	-.41622	-.40543	-.34271	.50670	4.35458
1.205	-7.162	-.36721	-.34363	-.36865	-.45372	-.40685	-.40346	-.39412	-.33482	.50226	4.37810
1.205	-4.842	-.35443	-.33691	-.35573	-.43675	-.39052	-.39007	-.37965	-.32558	.49805	4.39371
1.206	-2.540	-.34326	-.33198	-.34361	-.42380	-.37066	-.37703	-.36742	-.31875	.49499	4.40463
1.206	-.267	-.33120	-.32651	-.33366	-.40961	-.34876	-.36768	-.35817	-.31229	.49084	4.41740
1.206	1.978	-.32105	-.32053	-.32588	-.40903	-.34817	-.35549	-.34616	-.30486	.48401	4.41913
1.205	4.237	-.30940	-.31395	-.31985	-.42477	-.36704	-.34441	-.33373	-.29917	.47739	4.40629
	GRADIENT	.00495	.00253	.00395	.00172	.00308	.00498	.00499	.00294	-.00230	.00176

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ056)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BPEF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                    RUN NO.   197/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7 170	-.38001	- 37005	-.37603	- 42781	- 38136	- 42554	- 41662	- 35921	49628	6.55582
1.150	-4.871	-.37085	-.36210	-.36662	-.42264	- 37417	- 41106	-.40086	-.35080	.49425	6.58477
1.150	-2 557	-.35834	-.35248	-.35618	-.41743	- 36703	- 40097	- 39215	-.34070	.49093	6.59698
1.150	-.278	-.34705	-.34508	-.34732	-.40764	-.34475	-.39117	- 38327	- 33238	.48572	6.60762
1.150	1.992	-.33512	-.33704	-.33818	-.42048	- 36282	- 37566	- 36722	-.32388	.48011	6.60617
	GRADIENT	.00518	.00361	00412	00072	00247	.00507	00480	00390	-.00208	.00328

                    RUN NO.   192/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.573	-.38255	-.37064	- 38025	- 43699	- 38610	-.42660	- 41842	-.36185	.50634	6 54865
1 206	-7.210	-.37739	-.36260	-.37304	-.42411	-.37520	- 41217	- 40427	-.35264	.50207	6.57514
1 205	-4.871	- 36760	- 35194	- 36266	- 41418	- 36311	-.39413	- 38533	- 34287	49827	6.60015
1 205	-2.578	- 35357	- 34298	- 35029	-.40397	-.34976	- 38229	-.37484	-.33246	.49494	6 61649
1 205	-.306	-.33978	- 33589	-.33979	-.39220	- 32631	- 37383	-.36612	-.32383	49036	6.62615
1.205	1 981	-.33109	-.33117	- 33193	-.40359	- 34353	-.36245	- 35474	-.31739	.48559	6.62682
1.205	4.255	-.32151	-.32476	-.32130	-.41374	- 35745	- 35001	- 33815	-.31161	.47729	6.61131
	GRADIENT	.00503	.00290	.00443	00006	00077	.00474	.00502	.00340	-.00225	00143

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ057) (24 JUN 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	0100			

PARAMETRIC DATA

BETA	=	-6.000	ELV-LI =	8.000
ELV-LO =	9.000		ELV-RI =	8.000
ELV-RO =	9.000			

RUN NO. 217/ 0   RN/L = 3.24   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.551	-.26140	- 25128	-.28768	-.44101	-.42135	-.39919	-.39164	- 24768	.29543	-6.31592
.599	-6.419	-.25884	-.24720	- 28248	-.42732	-.40652	-.37785	-.36715	- 24645	.29654	-6.34702
.599	-4.308	-.25495	- 24333	- 27611	-.42099	- 39263	-.35789	-.35404	-.24505	.29640	-6.36815
.600	-2.195	-.24819	-.23715	- 26936	-.41740	- 38147	- 34311	- 34534	- 23906	.29441	-6 37119
.599	-.098	-.23817	-.23057	- 25942	-.41152	- 37230	-.33215	- 33648	-.23057	.29014	-6 37146
.599	2.014	-.23355	- 22710	- 25195	-.40307	- 36215	- 32751	-.33146	- 22766	.28456	-6.36619
599	4.152	-.22973	- 22348	- 24720	-.39262	- 35455	- 31876	- 32119	- 22538	.27440	-6.35554
	GRADIENT	.00309	.00235	.00356	00337	00452	.00444	.00377	00240	- 00255	.00143

RUN NO. 200/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.045	-.32394	-.30516	- 33657	- 44196	- 43663	-.42324	-.41299	-.30071	.36419	-6.52743
.900	-6.818	-.31601	-.29490	-.32644	-.43083	-.42528	-.40639	-.39648	-.29134	.36197	-6.56284
900	-4.595	- 30434	- 27868	-.31335	- 43723	-.41494	-.39592	- 39993	- 27690	.35859	-6.57703
.899	-2 380	-.29844	-.26864	- 30491	-.43750	-.40357	-.38654	-.38759	-.27087	35498	-6.57663
.900	-.169	-.29358	-.26560	- 29683	-.43817	-.39935	-.36867	-.36581	- 26693	.35209	-6.57157
.900	2.044	- 29651	- 25836	- 29997	-.44473	-.40156	- 35703	-.34993	-.26640	.34677	-6 56431
.900	4.261	- 29924	- 25604	- 30616	-.43446	- 39273	-.35151	-.34497	-.26732	34146	-6.56185
	GRADIENT	.00055	.002ɔ1	00087	-.00008	00210	00535	.00662	.00107	- 00192	.00193

RUN NO. 212/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.274	-.36948	- 36930	-.37920	-.52882	- 51459	-.48701	-.49791	-.36100	44301	-6.57889
.976	-6 970	-.35298	- 35730	-.36027	- 53425	- 51465	-.45965	-.46154	-.34785	.44034	-6.60387
975	-4 705	- 33838	- 34771	- 34417	-.53364	- 50400	-.44025	-.43604	- 33887	43595	-6 61151
.975	-2.433	-.32529	- 34034	-.33453	-.52483	- 48474	- 43040	- 42856	- 33067	43274	-6 60346
.975	-.205	- 31969	- 33445	-.32875	- 52545	-.47709	- 42387	-.42038	- 32373	.43080	-6.58942.
.975	2.026	-.32304	- 33468	- 32940	-.52461	-.47738	-.41492	- 40552	- 32459	42633	-6.58508
975	4.245	-.32862	-.33559	-.33289	-.53678	- 48103	- 41720	- 39847	-.32601	.42213	-6.56732
	GRADIENT	.00098	.00134	.00124	-.00026	.00239	.00276	00439	.00143	-.00152	.00477,

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ FT.   XMRP  =   976.0000 IN. XT        BETA    =   -6.000   ELV-LI =    8.000
LREF  = 1290 3000 INCHES   YMRP  =      .0000 IN. YT        ELV-LO  =    9.000   ELV-RI =.   8.000
BREF  = 1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT        ELV-RO  =    9 000
SCALE =    0100
```

RUN NO. 206/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.135	- 35965	- 34836	-.39332	-.55801	-.50883	-.41928	- 42556	-.33991	.50372	-6.65368
1.150	-4.831	-.35101	- 33836	-.38638	-.55084	- 50330	-.41215	-.41328	-.33340	.50097	-6.66029
1.150	-2.531	-.34715	- 33423	-.37002	-.53814	- 48473	- 40285	- 40637	-.33138	.50015	-6.65427
1 150	- 247	-.33921	- 32834	- 35577	-.53093	- 47331	- 38922	-.39688	- 32530	.49767	-6.64497
1 150	.2 012	-.33461	-.32843	-.34860	- 51934	-.46632	-.37827	-.38298	- 32162	49390	-6.63882
	GRADIENT	.00250	.00157	00560	.00446	.00537	.00505	.00440	00182	-.00104	.00323

RUN NO. 222/ 0   RN/L =   4 22   GPADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.544	-.37344	-.36397	-.41054	- 55647	-.50583	-.42202	- 42582	- 35509	51355	-6.65865
1.205	-7.170	-.36077	- 35106	-.39540	- 54905	- 49366	-.41387	- 42091	-.33776	.51022	-6 67090
1 205	-4.827	-.34744	- 33417	-.38453	- 53751	- 48447	-.40253	- 40498	- 32823	50823	-6.67502
1 205	-2 533	-.34319	-.33038	-.37436	- 53091	-.47258	-.39235	- 39561	- 32642	.50808	-6.67154
1 205	-.249	-.33576	- 32467	-.36022	- 52670	-.46503	-.37882	-.38523	-.32080	.50583	-6 66148
1 205	2 014	-.33274	-.32607	-.35290	- 51616	- 45836	-.36609	- 37062	- 31914	.50203	-6 65508
1.205	4.293	-.33113	-.32699	-.35327	- 50255	- 44360	-.35286	- 35280	-.31924	.49291	-6.64848
	GRADIENT	.00189	.00082	00369	00371	00421	.00551	.00568	00111	-.00161	00305

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ058)   (24 JUN 76)

REFERENCE DATA					PARAMETRIC DATA		

REFERENCE DATA

-SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

BETA	=	-4.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9 000			

RUN NO. 216/ 0   RN/L =   3.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
599	-8 504	-.25909	-.24571	-.28390	-.42441	-.39978	- 39725	- 37405	-.24496	.29823	-4 22420
.599	-6.391	-.25513	-.24214	- 27635	-.41079	-.38502	-.36846	- 36231	-.24234	29832	-4.24468
598	-4 287	-.24986	- 23840	- 26845	- 40569	-.37323	-.35225	-.35182	-.23954	.29756	-4 25768
.599	-2.186	- 24245	- 23294	-.25931	-.40432	- 36569	-.33752	- 34090	- 23465	.29620	-4 26618
.599	-.102	-.23511	- 22771	- 25028	-.39637	- 35585	- 32616	- 32973	- 22752	29230	-4 26751
.599	2.025	-.22811	-.22320	- 24159	-.38733	-.34434	-.32072	- 32371	- 22224	.28466	-4 26625
599	4.137	-.21787	-.21811	- 23101	- 37980	-.33815	-.31051	- 31370	-.21525	27568	-4.25873
	GRADIENT	.00372	00239	00440	00327	.00435	.00476	00444	00290	- 00263	- 00010

RUN NO. 199/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9.003	-.31343	- 29378	- 32722	-.42065	- 41198	- 42640	- 42342	- 28921	.36513	-4.36321
900	-6.774	-.30830	- 28363	- 31887	-.41476	- 40096	-.40831	-.40947	-.27827	36103	-4.38412
900	-4.567	-.30086	-.27128	- 31045	- 41228	-.39010	-.39620	- 39793	- 27094	.35648	-4 38412
.900	-2.365	-.29831	-.26550	-.30299	-.40982	- 37916	-.37339	- 37143	- 26527	35190	-4.39056
.899	-.162	- 29483	- 26090	- 29685	- 41701	-.37863	-.35428	-.34728	-.26011	.34703	-4.38660
.900	2 032	-.29425	-.25216	- 29448	- 42614	- 38329	-.34519	- 33607	- 25886	34071	-4 37943
.900	4 242	- 29034	- 24931	-.29036	- 41729	-.37360	-.33921	-.33123	-.25455	.33801	-4 38043
	GRADIENT	.00114	.00260	00221	-.00120	.00131	.00646	.00767	00178	- 00219	00084

RUN NO. 211/ 0   RN/L =   4 10   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9.207	-.35603	-.35714	-.36445	- 51036	- 49997	-.48356	- 49167	-.34944	.44574	-4 39223
.976	-6.906	- 34029	-.34475	- 34638	-.51855	-.49689	-.45438	- 45575	-.33632	.44133	-4 40681
.975	-4.662	-.32629	-.33430	- 33046	- 51157	-.48494	-.43349	- 43279	- 32638	.43580	-4 40525
.975	-2 430	- 31384	- 32975	- 32116	- 50466	-.46634	- 42273	- 42473	- 31862	.43129	-4 39968
975	-.208	-.30701	- 32439	-.31383	-.51165	-.46545	-.41344	- 41171	- 31242	42876	-4.38065
.975	2.014	-.30841	-.32620	-.31575	-.51456	-.46630	-.40549	- 39651	-.31507	42262	-4.37892
.975	4.237	-.30642	-.32650	-.32029	- 51830	-.46724	-.40051	-.38397	-.31557	.41932	-4.37260
	GRADIENT	00203	.00086	.00116	-.00105	.00159	.00374	.00566	00113	-.00187	00387

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 205/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.091	- 35369	-.34766	-.39134	-.53971	-.49438	-.40506	- 40812	-.34003	50264	-4.43639
1.150	-4 784	- 34739	-.33999	- 36907	-.53608	- 48929	-.39831	- 40238	-.33107	.49980	-4.44596
1.150	-2 511	- 34213	-.33254	-.35197	- 52421	- 47210	-.39113	- 39640	- 32738	.49854	-4.43371
1.150	- 243	- 33285	-.32447	- 34254	- 52297	- 47003	- 38315	- 38566	-.31931	.49507	-4.42208
1.150	2.015	-.32040	-.32052	- 32912	-.51414	- 46194	-.37146	- 36983	-.31149	.49015	-4.41824
	GRADIENT	.00398	.00293	00570	.00296	00371	.00391	.00478	.00295	-.00143	.00418

RUN NO   221/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.475	-.36391	-.35051	-.39403	-.55740	-.50919	-.41170	- 41523	- 33891	.51439	-4.44238
1.205	-7 134	-.35797	-.34890	- 39890	-.53598	- 48653	-.40027	-.40164	-.33992	.50998	-4.45375
1.205	-4.791	-.34586	-.33736	-.37963	- 51865	- 46923	-.38511	- 38774	-.33017	.50612	-4.45626
1.205	-2 511	-.33798	-.32617	- 35668	-.51298	-.45923	-.37878	-.38321	-.32157	.50552	-4.44439
1.205	-.242	-.32900	-.31919	-.34485	-.51414	-.45780	-.37142	- 37298	- 31459	.50244	-4.43748
1.205	2.021	-.31949	-.31780	- 33106	- 50720	-.45158	-.35897	-.35755	-.30870	.49794	-4.43110
1.205	4 279	- 31438	-.31585	- 32983	- 49168	- 43553	- 34694	- 34013	-.30567	.48965	-4 43128
	GRADIENT	.00359	00227	.00553	00263	00331	00424	00533	.00273	-.00179	.00279

LARC 8FT TPT 749 (1A93) OTSAT130　　　　　　　　　(RJJ059)　(24 JUN 76)

REFERENCE DATA		PARAMETRIC DATA	

SREF　=　2690.0000 SQ.FT.　　XMRP　=　976.0000 IN. XT　　　　　　　BETA　=　　.000　ELV-LI =　8.000
LREF　=　1290.3000 INCHES　　YMRP　=　　.0000 IN. YT　　　　　　　ELV-LO =　9.000　ELV-RI =　8.000
BREF　=　1290.3000 INCHES　　ZMRP　=　400.0000 IN. ZT　　　　　　　ELV-RO =　9.000
SCALE =　　.0100

RUN NO.　215/ 0　　RN/L =　3.16　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8.479	-.25519	-.24032	-.27448	-.41313	-.33760	-.37523	-.37004	-.24146	.29406	-.01511
.599	-6.391	-.25034	-.23852	-.26604	-.39142	-.32671	-.35901	-.35477	-.23890	.29263	-.01314
.599	-4.281	-.24481	-.23547	-.25787	-.37278	-.31721	-.34207	-.34011	-.23585	.29083	-.00787
.599	-2.176	-.23856	-.23228	-.25070	-.36429	-.31252	-.33071	-.33276	-.22981	.28993	-.00072
.599	-.088	-.23198	-.22762	-.24091	-.35645	-.30447	-.32246	-.32509	-.22514	.28639	.00428
.599	2.013	-.22105	-.22148	-.22888	-.35428	-.30460	-.30887	-.30883	-.21804	.27914	.00056
.598	4.112	-.20587	-.21377	-.22479	-.35633	-.30377	-.29737	-.29676	-.20975	.26980	-.00069
	GRADIENT	.00455	.00258	.00419	.00205	.00166	.00530	.00527	.00305	-.00252	.00075

RUN NO.　198/ 0　　RN/L =　3.97　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-8.988	-.30167	-.28988	-.31930	-.39272	-.36097	-.42742	-.41974	-.28407	.36075	-.02415
.900	-6.763	-.29978	-.28431	-.32097	-.37938	-.33917	-.40644	-.40112	-.27906	.35251	-.02428
.900	-4.541	-.29718	-.28181	-.31281	-.35438	-.32455	-.38054	-.38092	-.27679	.34425	-.02415
.901	-2.384	-.29711	-.28142	-.31406	-.33895	-.31541	-.34686	-.33932	-.27707	.33894	-.01609
.900	-.172	-.29308	-.27337	-.30671	-.35140	-.32336	-.33572	-.32192	-.26879	.33568	-.00463
.900	2.024	-.28773	-.26883	-.30059	-.36365	-.33128	-.32387	-.30292	-.26402	.33260	-.00526
.900	4.242	-.27877	-.26669	-.29145	-.37400	-.33545	-.32334	-.31166	-.26098	.32974	-.00237
	GRADIENT	.00211	.00195	.00256	-.00292	-.00172	.00624	.00794	.00203	-.00161	.00247

RUN NO.　210/ 0　　RN/L =　4.08　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.164	-.34103	-.35471	-.35530	-.49476	-.45923	-.46805	-.46611	-.34453	.44246	-.03822
.975	-6.876	-.33134	-.34659	-.34315	-.48499	-.44556	-.44804	-.44630	-.33682	.43755	-.02879
.975	-4.632	-.32215	-.34178	-.33400	-.46656	-.42589	-.42408	-.42484	-.33148	.42955	-.02289
.975	-2.415	-.31145	-.34695	-.33130	-.44917	-.40799	-.41050	-.41178	-.32971	.42401	-.00801
.975	-.201	-.31171	-.34919	-.33301	-.44419	-.40372	-.40063	-.40139	-.33288	.42036	.00286
.975	2.007	-.31632	-.34922	-.33698	-.45683	-.40540	-.39402	-.39374	-.33664	.41539	.00499
.975	4.226	-.31993	-.34568	-.33862	-.47391	-.41739	-.38447	-.38036	-.33601	.41013	-.00408
	GRADIENT	-.00002	-.00045	-.00067	-.00101	.00089	.00432	.00483	-.00072	-.00214	.00229

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                RUN NO. 204/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.060	-.35086	-.34529	- 35791	-.52191	-.47347	-.41265	-.40898	-.33480	.49823	-.02806
1.150	-4.763	-.34207	-.34002	- 34943	-.50899	- 45927	-.39751	-.39358	-.32990	49410	-.02992
1.150	-2.487	-.32907	- 33376	- 34024	-.49819	- 44271	-.38461	-.38013	- 32327	.49290	-.01978
1.150	- 246	-.31195	- 32681	- 32979	-.49069	- 42979	- 37222	- 36231	-.31594	.48953	-.00383
1.150	1.991	-.30097	-.31972	- 32078	-.48944	-.42797	-.35971	-.34621	-.30719	.48226	-.00013
	GRADIENT	.00624	.00301	.00428	.00294	.00475	.00559	.00711	00335	-.00173	.00468

                RUN NO 220/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.414	-.35906	-.34297	-.36924	-.51289	-.47055	- 40928	-.40678	-.33343	.50836	-.03990
1.205	-7.055	- 34836	- 33734	- 35489	- 49843	-.45485	-.40031	-.39835	-.32717	.50337	-.03328
1.205	-4.784	- 33791	-.33212	- 34375	-.48726	- 44019	-.38419	- 38206	-.32168	.50044	-.02654
1.205	-2.510	-.32821	-.32695	-.33562	-.47892	-.42530	-.36992	- 36625	-.31633	49832	- 01406
1.205	-.237	-.31467	- 32208	-.32887	- 47152	-.41441	- 35937	- 34896	-.31182	.49600	-.00356
1.205	2.006	- 30067	- 31378	-.32022	- 47300	- 41200	-.34803	- 33392	- 30297	.48878	.00026
1.205	4.263	-.29229	- 30812	-.30962	-.47055	- 41028	-.33200	-.31907	-.29622	.48041	- 00411
	GRADIENT	.00525	00270	.00370	.00174	.00324	.00558	.00700	.00284	-.00219	.00262

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ060)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8 000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

                RUN NO. 201/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-.167	-.29275	-.27371	- 30638	-.34916	-.32314	-.33505	-.32192	-.26946	.33525	-.00107
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	00000	.00000	.00000

                RUN NO. 207/ 0   RN/L =   4 18   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	- 241	-.31206	-.32720	-.33000	- 49132	- 43021	- 37180	- 36170	-.31642	.48906	-.01151
	GRADIENT	.00000	00000	.00000	.00000	00000	.00000	00000	.00000	00000	.00000

LARC 8FT TPT 749 (IA93) OTSAT130   'hJ 1061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976 0000 IN XT
LREF =	1290 3000 INCHES	YMRP =	0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT
SCALE =	.0100		

BETA =	4.000	ELV-LI =	8.000
ELV-LO =	9.000	ELV-RI =	8.000
ELV-RO =	9.000		

RUN NO. 218/ 0   RN/L =   3.20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.599	-8 511	-.25955	- 24297	- 27387	-.38220	-.28719	-.37740	-.36726	-.24240	.29556	4.18495
.600	-6 409	-.25294	-.24057	- 26613	-.36521	-.27924	-.36097	-.35389	-.23697	.29567.	4.20813
.599	-4.296	- 24575	-.23660	-.25708	-.34681	- 26983	-.34406	-.34116	-.22899	.29443	4.22817
.599	-2.202	- 24111	-.23483	-.25036	-.33125	-.26556	- 32964	-.32959	-.22286	.29249	4 24256
599	-.101	-.23469	-.22957	-.24170	-.32285	- 25919	- 32161	- 32100	- 21796	.28857	4.24954
.600	2.024	-.22673	- 22562	- 23260	-.32412	-.25724	-.31530	-.31203	-.21385	.28134	4.24873
.600	4.141	-.21352	- 22003	- 22266	-.33336	-.26986	- 30423	-.30191	- 20882	.27164	4.23848
	GRADIENT	00374	.00201	.00411	.00161	00039	00445	00455	.00234	-.00269	.00126

RUN NO 202/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.901	-9.013	-.31756	-.28631	- 34593	- 38446	-.31527	- 41743	- 41089	-.27972	.36399	4.27669
.899	-6.799	-.30963	-.28393	-.33037	- 36997	- 30982	- 39941	-.39386	-.27688	.35800	4.30607
900	-4.559	-.29625	-.27306	-.31456	-.35121	- 30028	- 38295	- 38222	- 26311	35299	4.31957
.900	-2.367	-.29988	-.27209	-.31428	- 34457	-.29854	- 35988	-.35400	-.26347	.34788	4.33566
.900	- 172	-.29647	- 26514	-.30931	- 33689	- 29045	- 34748	- 33703	-.25842	.34484	4 34866
.900	2.049	- 28978	- 25623	-.30208	-.33793	-.28635	-.33342	- 31202	- 25006	.33972	4.34409
.900	4.246	- 28510	- 25783	-.29630	-.35246	- 29520	-.33400	- 31975	-.25167	33731	4 33278
	GRADIENT	.00147	00210	00221	.00019	00101	.00564	.00758	.00165	- 00184	.00158

RUN NO. 213/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.220	- 36368	- 35545	- 37529	- 46398	-.41493	-.46690	-.46132	- 34661	.44282	4.31217
.975	-6.923	-.33994	-.34098	-.36041	- 45023	-.40367	-.44484	-.44217	-.33172	.43758	4 33498
.975	-4.684	- 31886	-.33103	- 34788	- 43146	- 38441	-.42532	-.42515	-.32062	43268	4.34951
.975	-2 445	- 30710	-.32334	-.33514	-.41665	-.36598	-.41600	-.41738	-.31220	42705	4.36568
.975	- 219	- 30039	- 31954	-.32814	-.40611	- 35121	-.41115	- 40880	- 30871	42492	4.37200
975	2 011	- 29969	-.32155	-.32610	-.41175	- 35498	-.39803	-.38481	-.31051	.41830	4.36868
975	4 239	- 30178	-.32208	-.32519	-.43106	-.37756	- 39465	-.37136	-.31177·	.41460	4.35559
	GRADIENT	.00186	00088	.00244	.00026	.00111	.00356	.00628	00087	-.00201	.00068

LARC 8FT TPT 749 (IA93) OTSAT130   (RJJ061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO. 208/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.105	-.36886	-.35643	-.37097	-.47784	- 42999	-.41716	-.40945	-.34725	.50294	4.36274
1.150	-4 801	- 35989	-.35035	-.36231	-.46584	- 41644	-.40387	-.39460	-.33757	.49883	4.38150
1.150	-2 504	- 34904	-.34284	-.35142	-.44843	- 39370	- 38864	-.38121	-.32913	49522	4.39484
1.150	-.240	-.33798	- 33631	-.34324	-.43445	- 37606	- 37870	-.37053	-.32195	.49114	4.40813
1.150	2 006	-.32369	-.32399	-.33699	-.43491	- 38093	- 36544	-.35480	-.30907	48338	4.40272
	GRADIENT	.00523	.00377	00371	00472	.00549	00552	.00573	00408	-.00222	.00340

RUN NO. 223/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9 475	-.37879	- 35806	- 37839	- 47535	~ 42828	-.41619	-.40712	- 34917	.51225	4 35414
1.205	-7 124	- 37309	- 35282	-.37486	-.46811	- 42250	-.40896	-.40007	- 34294	50843	4 37548
1.205	-4 821	-.35880	- 34433	-.35990	-.45090	- 40538	-.39352	-.38356	- 33201	50401	4.39474
1.205	-2.506	-.34565	-.33796	-.34707	-.43555	- 38374	-.37987	- 37017	- 32383	50063	4.40681
1.205	-.245	-.33220	- 33039	-.33537	-.41708	- 35964	- 36706	- 35791	- 31545	49648	4.41476
1.205	2 016	-.32334	-.32209	-.32726	- 41834	- 36250	- 35283	- 34323	-.30678	.48947	4 41955
1.205	4.274	-.31025	-.31461	-.32032	-.43244	- 38109	- 34138	-.33025	- 29965	.48184	4 40932
	GRADIENT	.00526	.00332	00436	.00239	.00309	.00578	00588	.00360	-.00244	00185

LARC 8FT TPT /49 (IA93) OTSATI30   (RJJ062) (24 JUN 76)

REFERENCE DATA				PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = 6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9 000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100					

RUN NO 219/ 0   RN/L = 3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.600	-8 546	-.26192	-.24687	-.27810	-.34848	-.27224	-.38277	-.37626	-.24631	.29358	6.28120
.599	-6.428	-.25561	-.24342	-.26936	-.33332	-.26141	-.36363	-.35826	-.24039	.29366	6.31300
.599	-4.337	-.24834	-.24148	-.26232	-.32290	-.25835	-.34789	-.34499	-.23028	.29338	6.33967
599	-2.203	-.24243	-.23843	-.25508	-.31523	-.25055	-.33544	-.33426	-.22533	.29120	6.35836
.599	-.087	-.23797	-.23664	-.25103	-.31030	-.24308	-.32921	-.32631	-.22257	.28772	6.36610
.600	2.049	-.22839	-.22974	-.24089	-.31427	-.24944	-.31948	-.31583	-.21797	.28201	6.36368
.598	4 153	-.22253	-.22734	-.23626	-.32556	-.26121	-.31249	-.30997	-.21551	.27202	6.34823
GRADIENT		.00309	.00174	.00312	-.00020	-.00021	00409	.00417	.00174	-.00244	.00106

RUN NO 203/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.900	-9 057	-.32387	-.30006	-.34677	-.35138	-.29007	-.42617	-.41614	-.29404	.36320	6.42931
.900	-6.806	-.31521	-.29420	-.33380	-.34074	-.28913	-.40684	-.40576	-.28683	.35850	6.46745
.900	-4.596	-.30414	-.28362	-.32176	-.33014	-.28771	-.39286	-.39704	-.27244	.35550	6.49241
.900	-2.391	-.30349	-.28006	-.31743	-.32402	-.28069	-.37711	-.37727	-.27067	.35227	6.51034
.900	-.176	-.30096	-.27374	-.31368	-.31927	-.27147	-.36029	-.35184	-.26601	.34822	6.52057
.900	2.038	-.29912	-.26766	-.31150	-.32848	-.27735	-.34778	-.33118	-.26218	.34405	6.51603
.900	4.253	-.29461	-.26373	-.30690	-.34029	-.28056	-.34664	-.33417	-.25723	.33993	6 50486
GRADIENT		00106	.00236	00161	-.00112	.00080	00550	00776	.00176	-.00178	00138

RUN NO. 214/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
975	-9 259	-.38441	-.38151	-.38559	-.41102	-.35435	-.47068	-.46211	-.36948	.44067	6.49006
975	-6 974	-.36728	-.36690	-.37079	-.40314	-.35218	-.44972	-.44136	-.35736	.43769	6.52177
.975	-4 699	-.34141	-.35239	-.35402	-.39640	-.34886	-.43241	-.42633	-.34169	.43332	6.54298
.975	-2.465	-.32344	-.34327	-.34170	-.38987	-.33881	-.42297	-.41854	-.33235	.42857	6.55887
.975	-.227	-.30811	-.33398	-.32839	-.38836	-.32984	-.41597	-.41258	-.32285	.42485	6 56414
.975	1.995	-.30808	-.33043	-.32742	-.39847	-.33902	-.40557	-.39099	-.32044	.41925	6.56095
.975	4 263	-.31555	-.33198	-.33384	-.41587	-.35857	-.40122	-.38208	-.32230	.41489	6.54015
GRADIENT		.00299	.00239	00244	-.00213	-.00088	.00356	.00518	.00226	-.00206	-.00017

LARC 8FT TPT /49 (IA93) OTSAT130   (RJJ062)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA	=	6.000
ELV-LO	=	9.000
ELV-RO	=	9.000
ELV-LI	*	8.000
ELV-RI	*	8.000

RUN NO. 209/ 0   RN/L =   4.17   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7 166	-.38136	-.37351	-.37857	-.43209	- 38455	-.42504	-.41585	-.36296	.50258	6.56355
1.150	-4.838	-.37287	-.36697	-.37028	-.42747	- 37874	-.41204	- 40111	-.35521	.49994	6.59188
1.150	-2 543	-.35914	- 35705	- 35899	-.42071	- 36902	- 39964	-.39009	-.34445	.49592	6 61125
1.150	-.258	-.34844	- 54785	-.34953	-.41151	- 34760	-.38896	-.38098	-.33478	.49076	6.61789
1.150	2 020	-.33356	- 33723	- 33828	-.42297	- 36844	-.37263	-.36281	- 32352	.48416	6.61908
	GRADIENT	.00563	.00431	.00461	.00100	00229	.00564	.00542	00458	-.00230	.00386

RUN NO. 224/ 0   RN/L =   4.21   GPADIENT INTERVAL =   -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.532	-.38789	- 37631	-.38467	- 44422	- 39186	-.42645	-.41899	- 36798	.51208	6.55335
1 205	-7.180	-.38300	- 37027	-.37971	-.43448	- 38430	-.41733	- 40889	-.35905	.50798	6 57959
1.205	-4.842	- 37336	- 36012	-.36929	- 42262	-.37254	-.39943	-.39009	-.34925	.50400	6.60178
1.205	-2.544	- 36147	- 35239	-.35906	- 41381	-.36122	-.38782	-.37902	- 33989	.49981	6.61781
1 205	-.251	- 34325	- 34114	-.34387	- 39951	- 33425	-.37477	-.36669	-.32765	.49538	6.62889
1.204	2.016	- 33438	- 33499	-.33511	- 40786	- 35112	-.36376	- 35442	-.32032	.49031	6 63048
1.204	4.281	-.32423	-.32622	- 32384	- 41725	-.36447	-.34840	-.33520	-.31271	.48092	6.61571
	GRADIENT	.00550	00374	.00504	00074	00116	.00553	00589	.00406	-.00244	.00179

LARC 8FT TPT 749 (IA93) OTSATI30+TSI   (RJJ063)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-6.000 ELV-LI = 10.000
ELV-LO	=	9.000 ELV-RI = 10.000
ELV-RO	=	9.000

RUN NO.   249/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.237	-.37008	- 37341	-.38009	-.53488	-.51945	-.48889	-.49839	-.36455	.44408	-6.60291
976	-6.958	- 35447	-.36083	-.36173	-.53999	-.51939	-.46141	-.46067	-.35124	.44127	-6.62895
.976	-4.692	-.33942	-.35006	-.34466	-.53618	-.50659	-.44102	-.43624	-.34108	.43645	-6.63576
.975	-2.434	-.32602	- 34219	-.33411	- 52692	- 48645	-.43033	- 42927	-.33206	.43221	-6 63063
.975	-.203	- 31864	,- 33493	-.32809	-.52838	- 47965	- 42447	-.42093	-.32469	.43076	-6.61623.
.975	2.037	-.32146	- 33556	-.3?976	-.52741	-.47932	-.41545	-.40580	-.32595	.42698	-6 60204
.975	4.259	-.32420	-.33788	-.33436	-.54161	-.48420	-.41963	-.40035	- 32931	.42437	-6.59485
	GRADIENT	.00157	00139	.00112	- 00050	.00233	00258	.00426	.00133	-.00131	.00493

RUN NO.   247/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.111	- 36311	- 35558	-.39993	-.56304	-.51393	-.42121	-.42809	-.34736	.50449	-6 69276
1.150	-4.819	- 35416	- 34490	-.39119	-.55494	-.50805	-.41319	- 41520	-.33869	.50158	-6 69756
1.150	-2.518	-.35050	- 34079	-.37742	-.54169	-.48912	-.40373	-.40776	-.33633	.50102	-6.69721
1.150	-.231	-.34193	-.33324	-.36198	-.53428	-.47719	-.38993	-.39792	-.32906'	.49825	-6.68379
1.150	2.034	-.33643	,- -.33226	-.35327	- 52255	-.46964	-.37853	-.38321	- 32624	.49369	-6.67386
	GRADIENT	.00270	.00199	00566	00458	.00557	.00515	.00463	.00195	-.00116	.00370

RUN NO.   245/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.532	- 37439	- 36968	-.41827	- 55462	-.50416	-.41822	-.42153	-.36075	.51370	-6.68959
1.205	-7 174	- 36164	- 35544	- 40186	-.54707	-.49159	-.41025	-.41654	-.34344	.51110	-6.70090
1.205	-4.839	-.35005	- 33909	-.38941	-.53796	-.48491	-.39932	-.40227	- 33312	.50863	-6.70995
1.205	-2.523	- 34554	-.33469	-.37934	-.53024	-.47216	-.38915	-.39282	-.32970	.50823	-6.69992
1.205	-.238	-.33711	-.32798	-.36499	-.52612	-.46490	- 37550	- 38268	-.32254	50600	-6 68223
1.205	2.036	-.33226	-.32801	-.35693	-.51601	-.45775	- 36247	-.36695	-.32121	.50183	-6.68147
1.205	4.303	-.32925	- 32653	-.35545	=.50191	-.44386	- 34874	-.34827	-.31919	.49268	-6.67277
	GRADIENT	.00240	.00139	00396	.00378	.00423	.00560	00586	.00159	-.00167	.00402

LARC 8FT TPT 749 (IA93) OTSATI30+TSI   (RJJ064)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMPP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 248/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.148	-.33736	-.35640	- 35389	-.50380	-.46667	-.46825	-.46595	-.34307	.44237	-.06926
.976	-6.891	-.32673	-.34703	- 34101	-.49152	-.45205	-.44635	-.44478	-.33567	.43695	-.06523
.975	-4.636	-.31664	-.34161	-.33105	-.47268	-.43167	-.42377	- 42364	-.32911	.42921	-.05679
.975	-2.394	-.30970	-.34899	-.33190	-.45568	-.41456	-.41212	-.41303	-.32996	.42394	-.04409
.975	-.199	-.30914	-.35009	- 33259	-.45149	-.40956	-.40171	-.40159	-.33282	.42018	- 03405
.975	2.018	-.31327	-.35112	- 33692	-.46624	-.41248	-.39562	-.39456	-.33695	.41537	-.03095
.975	4.223	- 31557	-.34710	-.33735	-.47933	-.42265	-.38705	-.37946	-.33563	.41011	-.03314
GRADIENT		-.00006	-.00059	- 00080	-.00107	.00091	.00406	.00483	- 00090	-.00211	.00273

RUN NO 246/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.150	-7.052	- 35407	- 35143	-.36295	- 52435	-.47621	-.41336	-.40920	-.34100	.49901	- 04436
1.150	-4 753	-.34659	-.34591	-.35586	-.51254	-.46350	-.39899	-.39455	-.33612	.49545	-.03323
1.150	-2 478	-.33357	-.33990	-.34877	-.50244	-.44733	-.38590	-.38091	-.33001	.49376	-.02168
1 150	- 232	-.31677	-.33373	- 33653	-.49380	-.43400	-.37365	- 36415	- 32171	.49012	-.01188
1.150	2 018	- 30357,	- 32561	- 32492	-.49157	-.43107	-.35952	- 34570	-.31102	48244	-.01230
GRADIENT		00647	00297	00466	.00317	.00491	00579	00724	.00370	- 00189	.00322

RUN NO. 244/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.407	-.35724	-.34700	- 36761	-.51214	- 46983	-.40846	-.40529	- 33617	.50903	-.02856
1.205	-7 075	-.34764	-.34165	- 35534	- 49669	-.45305	-.39707	-.39507	- 33090	.50481	- 02831
1.206	-4.751	- 33987	-.33"22	- 34796	-.48704	- 44023	- 38168	- 37896	-.32673	.50193	-.02073
1.206	-2.493	- 33079	-.33104	- 34125	-.47800	- 42418	- 36577	- 36170	-.32181	.49973	-.00841
1 205	-.239	- 31851	-.32582	- 33522	- 47078	- 41473	-.35721	-.34756	-.31578	.49651	.00204
1.205	2.016	- 30296	-.31787	-.32494	-.47125	-.41221	-.34548	-.33123	-.30593	.48912	.00690
1.205	4.283	-.29355	- 31198	-.31384	-.47026	-.41053	-.32886	-.31525	-.29878	.48035	-.00002
GRADIENT		.00534	00282	.00375	.00178	.00316	.00558	.00699	.00318	-.00237	.00251

LARC 8FT TPT 749 (1A93) OTSAT130+TS1-BASE TUBES   (RJJ065)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 255/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.257	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.44359	-6.62526
.976	-6.957	.00000	.00000	00000	00000	.00000	.00000	.00000	.00000	.44157	-6.64464
.976	-4.698	.00000	.00000	.00000	00000	.00000	.00000	.00000	.00000	.43724	-6.65638
.975	-2.446	.00000	00000	00000	00000	.00000	00000	.00000	00000	.43315	-6 64748
.975	-.218	.00000	00000	.00000	.00000	00000	.00000	.00000	.00000	.43142	-6.63318
.975	2 017	00000	00000	00000	.00000	.00000	.00000	00000	00000	.42789	-6 62272
.975	4.248	.00000	.00000	00000	00000	.00000	.00000	.00000	.00000	.42318	-6.61308
	GRADIENT	.00000	00000	00000	.00000	00000	.00000	00000	.00000	-.00149	00498

RUN NO. 253/ 0   RN/L =   4.20   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1 149	-7.133	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	.50486	-6.69856
1.149	-4.837	.00000	.00000	00000	00000	00000	.00000	.00000	.00000	.50199	-6 70858
1.149	-2.532	.00000	00000	.00000	00000	00000	.00000	.00000	.00000	.50122	-6.70768
1 149	-.244	.00000	00000	.00000	00000	.00000	00000	.00000	.00000	49806	-6.69249
1 149	2.022	.00000	.00000	.00000	00000	00000	.00000	.00000	00000	.49387	-6.68333
	GRADIENT	00000	00000	.00000	.00000	.00000	.00000	.00000	.00000	-.00120	.00397

RUN NO. 251/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9.559	.00000	.00000	.00000	.00000	00000	.00000	.00000	00000	.51465	-6 70205
1.205	-7.181	.00000	00000	.00000	00000	.00000	.00000	.00000	.00000	.51170	-6.70756
1.205	-4.849	.00000	00000	.00000	00000	.00000	.00000	00000	.00000	50950	-6 71329
1.205	-2.536	00000	.00000	00000	00000	.00000	00000	00000	.00000	50870	-6.70450
1.205	-.259	.00000	.00000	00000	00000	.00000	.00000	00000	.00000	50633	-6.69027
1.205	2.015	.00000	.00000	00000	00000	.00000	.00000	00000	.00000	.50298	-6 68345
1.205	4.306	.00000	00000	00000	00000	.00000	.00000	00000	.00000	.49314	-6 67166
	GRADIENT	.00000	00000	.00000	00000	.00000	00000	.00000	.00000	-.00168	00456

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (RJJ066)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO. 254/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-9.180	.00000	.00000	.00000	.00000	.00000	.00000	10000	00000	44249	-.06473
.975	-6.901	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	43694	-.06089
.975	-4.641	.00000	.00000	.00000	.00000	00000	.00000	.00000	00000	42883	-.05055
.975	-2.442	.00000	00000	00000	.00000	00000	.00000	.00000	00000	42340	- 03260
.975	- 218	.00000	00000	00000	.00000	.00000	00000	00000	00000	42001	-.02716
.975	2.009	.00000	.00000	.00000	00000	.00000	00000	00000	00000	41513	-.02745
.975	4 216	.00000	.00000	.00000	.00000	.00000	00000	00000	.00000	41029	-.02860
	GRADIENT	00000	.00000	.00000	.00000	00000	.00000	.00000	00000	- 00205	.00221

RUN NO 252/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.149	-7.059	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000	49991	-.05142
1.149	-4 787	.00000	.00000	00000	.00000	00000	00000	00000	.00000	49596	-.04201
1.149	-2.495	.00000	.00000	.00000	.00000	00000	00000	00000	00000	49449	-.03074
1.149	-.251	.00000	.00C00	.00000	.00000	· 00000	.00000	00000	00000	49057	-.01968
1.149	2 010	.00000	00000	00000	00000	.00000	.00000	.00000	00000	48330	-.01495
	GRADIENT	00000	00000	.00000	00000	00000	.00000	.00000	00000	- 00185	.00408

RUN NO. 250/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
1.205	-9 429	.00000	.00000	.00000	00000	00000	00000	00000	.00000	51005	-.03711
1.205	-7.092	.00000	.00000	.00000	.00000	00000	00000	.00000	00000	50519	- 03292
1.206	-4.783	.00000	.00000	.00000	00000	.00000	00000	.00000	.00000	50251	-.02484
1.205	-2.502	.00000	00000	.00000	00000	.00000	00000	.00000	00000	50023	-.01231
1.205	- 247	.00000	00000	.00000	00000	00000	00000	.00000	00000	49738	-.00388
1.205	1.997	.00000	.00000	.00000	00000	00000	.00000	.00000	00000	.49090	00140
1.205	4.271	.00000	.00000	.00000	.00000	,00000	.00000	00000	00000	48266	- 00012
	GRADIENT	.00000	00000	.00000	.00000	.00000	00000	.00000	00000	- 00217	00279

LARC 8FT TPT 749 (IA93) OTSAT130+TS2 ·   (RJJ067)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RUN NO. 241/ 0   RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.495	-.37246	-.35516	-.38209	-.53693	-.52084	-.49327	-.50325	-.36620	.44480	-6.68574
.975	-7.128	-.35456	-.36037	-.35994	-.53911	-.51819	-.46047	-.45923	-.35157	.44044	-6.70699
.975	-4.832	-.34083	-.35140	-.34572	-.53733	-.50739	-.44275	-.43747	-.34260	.43738	-6.70794
.975	-2.534	-.32772	-.34369	-.33555	-.52858	-.48697	-.43165	-.43183	-.33364	.43322	-6.70189
.975	-.224	-.32010	-.33634	-.32961	-.52959	-.47957	-.42532	-.42365	-.32593	.43163	-6.68095
.975	2.026	-.32202	-.33685	-.33179	-.52801	-.47887	-.41644	-.40819	-.32715	.42802	-6.66988
.975	4.321	-.32683	-.33753	-.33580	-.54341	-.48608	-.41882	-.40125	-.32906	.42324	-6.65900
	GRADIENT	.00148	.00152	.00104	-.00050	.00222	.00276	.00420	.00147	-.00146	.00568

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (RJJ068)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

BETA	=	000	ELV-LI	=	10.000
ELV-LO	=	9 000	ELV-RI	=	10 000
ELV-RO	=	-9 000			

RUN NO. 240/ 0   RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.975	-9.384	-.33899	-.35720	-.35503	-.50577	-.46954	-.47210	-.46927	-.34419	.44376	-.07573
.976	-7.072	-.32685	-.34772	-.34073	-.49338	-.45339	-.44943	-.44722	-.33593	.43805	-.06937
.975	-4.786	-.31790	-.34236	-.33225	-.47493	-.43292	-.42559	-.42629	-.33007	.43013	-.05783
.975	-2.509	-.30878	-.34858	-.33053	-.45606	-.41396	-.41247	-.41379	-.32931	.42463	-.03748
.975	-.240	-.30852	-.35098	-.33230	-.45271	-.40883	-.40294	-.40348	-.33275	.42098	-.03078
.975	2.009	-.31309	-.35191	-.33763	-.46738	-.41281	-.39779	-.39710	-.33783	.41682	-.02992
.975	4.279	-.31569	-.34809	-.33890	-.48179	-.42364	-.38816	-.38194	-.33674	.41216	-.03212
	GRADIENT	.00001	-.00063	-.00090	-.00110	.00087	.00395	.00465	-.00096	-.00193	.00261

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (RJJ069)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT		
SCALE =	.0100				

BETA =	6.000	ELV-LI = 10.000
ELV-LO =	9.000	ELV-RI = 10.000
ELV-RO =	9.000	

RUN NO. 229/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.976	-9.254	-.39073	-.38863	-.39049	-.42060	- 36006	-.47435	-.46526	-.37601	.44482	6.49587
.976	-6.967	-.36881	-.36934	-.37277	-.40950	- 35660	-.45114	-.44289	-.35930	.44027	6.53140
.976	-4.694	-.33870	-.35492	-.35537	-.40336	- 35440	- 43474	- 42856	-.34363	.43601	6.56288
976	-2.456	- 31999	- 34587	-.34189	- 39671	-.34402	-.42426	-.42036	-.33437	.43106	6.58237
975	-.213	- 30604	-.33599	- 32912	-.39315	-.33312	-.41706	- 41378	-.32479	42649	6.59269
.975	2 004	- 30568	-.33263	-.32845	- 40139	- 34186	-.40823	- 39449	-.32173	.42135	6 59376
.975	4 253	-.31160	-.33479	- 33310	- 41864	-.36056	-.40477	-.38658	-.32401	.41702	6.57877
	GRADIENT	.00307	.00239	.00259	-.00158	-.00045	.00340	.00491	.00232	-.00213	.00193

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (RJJ070)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	0000 IN YT		
BREF =	1290 3000 INCHES	ZMRP =	400 0000 IN ZT		
SCALE =	.0100				

BETA =	-6.000	ELV-LI = 10.000
ELV-LO =	9 000	ELV-RI = 10.000
ELV-RO =	9.000	

RUN NO. 243/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4.5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-8 595	-.36390	-.37283	-.38458	-.51836	-.50771	-.47746	-.48598	-.36552	.44585	-6.36084
.974	-6 459	- 35113	-.36258	- 36937	-.52430	-.50888	-.45975	-.45957	-.35360	.44282	-6.38542
.975	-4 310	- 33744	-.35036	- 35032	-.52976	-.C0380	-.43811	-.43380	-.34220	.43855	-6.39845
.975	-2 199	-.32447	- 34115	- 33864	-.52313	- 48515	- 42666	- 42110	-.33174	.43244	-6.39974
.974	-.093	-.31673	-.33281	- 33030	- 52451	-.48033	- 41892	- 41171	- 32339	.42917	-6.39672
.974	2 021	-.31561	- 33003	- 32586	-.52210	-.47875	-.41176	- 39896	-.32185	.42530	-6.39206
.974	4 149	-.31737	- 33262	-.32742	-.53121	-.48038	- 41253	- 39247	-.32444	.42112	-6.38071
	GRADIENT	.00232	.00220	.00277	-.00009	.00252	00312	.00496	00215	-.00199	.00204

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (RJJ071)   (24 JUN 76)

REFERENCE DATA		PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT		BETA • .000 ELV-LI = 10.000	
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT		ELV-LO = 9.000 ELV-RI = 10.000	
BREF = 1290 3000 INCHES ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100			

RUN NO. 242/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CPB1	CPB2	CPB3	CPB4,5	CPB6	CPB7	CPB8	CPCO	CAU	BETA
.974	-8.541	-.33289	- 35475	--.35575	-.49458	-.45514	-.45486	- 45220	-.34347-	.44082·	-.02644
.975	-6.409	-.32254	-.34668	-.34623	-.48306	-.44304	-.44316	-.43947	-.33396	.43634	-.02650
.975	-4.298	-.31276	-.34169	- 33607	-.46892	-.42892	-.42529	-.42057	-.32627	.42898	-.02236
.975	-2 191	- 30488	-.34500	-.33172	-.45629	-.41278	-.40912	- 40730	-.32523	.42388	-.01547
974	- 096	- 30496	-.34802	- 33161	-.44839	- 40590	-.40035	-.39771	-.32885	.41875	-.01021
.974	2.016	-.30822	-.34505	-.33238	- 45784	-.40830	-.39032	-.38540	- 32921	.41296	-.00892
.974	4.108	-.30940	-.34023	-.33191	-.46887	-.41763	-.38056	-.37004	-.32749	.40823	-.01285
	GRADIENT	.00016	.00014	.00036	- 00007	00129	.00515	.00585	- 00031	-.00249	00122

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ001)   (24 JUN 76)

REFERENCE DATA		PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT		BETA = 000 ELV-LI = 10.000	
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT		ELV-LO = 9.000 ELV-RI = 10.000	
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT		ELV-RO = 9 000	
SCALE = .0100			

RUN NO.   1/ 0   RN/L =   4.48   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 689	- 00578	.00151	02059	.13671	.01003	-.00123	591.17629	-.03232	-.45687
599	-6.523	-.00141	.00037	.01327	08533	.00830	-.00251	591.75786	-.02844	-.32550
599	-4.386	.00090	-.00051	.00840	.03845	.00689	-.00323	590.91724	-.02451	-.20359
.599	-2 250	.00293	-.00097	.00150	-.00257	.00517	-.00525	591.33595	-.00931	-.09259
.599	- 095	.00240	-.00096	- 00058	-.04559	00415	-.00753	591 16326	-.00376	.02539
.599	2.034	-.00019	-.00040	.00361	-.09147	.00365	-.01111	591.17467	-.00713	.14101
600	4 198	-.00034	-.00071	.00328	- 14105	.00303	-.01578	592.17317	-.01252	.26764
	GRADIENT	-.00026	.00001	-.00038	-.02088	-.00943	-.00144	.10969	.00122	.05482

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ002)   (24 JUN 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   4/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.598	-8.545	-.10508	03110	.25205	.12269	.01681	-.00046	416.97840	-6.32910	-.44351
.599	-6.408	-.10243	03239	.24928	.07091	01533	-.00182	418.07506	-6.36194	-.31594
599	-4 305	-.09774	03313	24187	.02896	.01418	-.00337	418.23305	-6.37863	-.20072
.599	-2.192	-.09676	.03453	.23663	- 01447	.01291	- 00587	417.48524	-6.38399	-.08467
.599	-.054	- 09937	.03651	.23462	- 05921	.01148	- 00872	417.56998	-6.38429	03524
.599	2 036	-.10046	03848	.23316	-.19151	.01062	-.01158	417 48687	-6.38033	.14811
599	4.168	-.10222	04226	24044	-.15216	00990	-.01657	417 48849	-6.38299	.27636
	GRADIENT	-.00060	00105	- 00030	- 02122	-.00051	- 00152	-.07023	-.00024	.05606

RUN NO   11/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-9.015	-.12319	03215	.29416	.15613	.02074	-.00415	710.44913	-6.51832	- 53142
.899	-6 714	-.11879	03388	.29039	.09647	.02354	00365	710.05573	-6.55943	-.37537
.899	-4.575	-.11309	.03550	.27656	.04750	.02446	00199	710.26155	-6.56484	-.24304
.900	-2.377	-.10944	03689	.26727	-.00947	.02513	.00150	710.56809	-6 56591	-.10476
.899	- 186	- 10814	03936	.26091	-.06523	02656	- 00307	710.31194	-6.55945	.03310
.899	2 059	- 10615	04189	.25592	-.12353	.02380	..- 01284	709.73991	-6.54399	.17496
.900	4 306	- 10850	04454	26232	-.17103	01374	-.03204	710.97509	-6.53968	.31453
	GRADIENT	00056	00104	-.00179	- 02482	-.00103	- 00372	02730	.00322	06284

RUN NC.   16/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.233	- 14203	.03776	33129	.19099	.00961	-.00811	766.85124	-6 58705	- 60120
.976	-6 943	-.12658	.03908	.31105	.12024	.01592	-.00625	767 54847	-6.60849	- 42193
976	-4 684	-.11523	03932	29304	.06689	.03231	-.00279	767.60844	-6.61849	- 27137
.975	-2 444	-.10446	.04008	.27332	01256	.03061	-.00234	767.33083	-6.61079	-.12398
.975	- 205	- 10163	.04106	.26206	- 04527	.01804	- 00550	767 36078	-6 59754	.02162
.975	2 029	- 09843	04212	25707	-.10072	00375	-.01494	767.05443	-6.59108	.16262
.975	4 275	- 09660	.04463	25743	-.15867	-.00999	- 03810	766 86916	-6.57042	.31100
	GRADIENT	00193	00057	-.00391	-.02521	- 00498	-.00372	- 07838	.00562	06482

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   27/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

  MACH   ALPHA   C YN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
  1.149   -7 118   -.12492   .04216   30874   .13897   04403   -.00686   862 62866   -6.65426   -.44921
  1.149   -4 803   -.11447   04412   29135   .07204   .03834   - 01851   862 68350   -6.66103   -.27773
  1 150   -2 522   -.10962   .04675   27983   01783   .03312   -.03109   862 88116   -6.66026   -.12492
  1.149   -.225   -.10984   .04692   .27165   -.04003   02473   -.03941   862.41361   -6.64463   .02420
  1.149   2 025   -.11124   .04783   27337   -.09653   .01528   - 04749   862 51095   -6.64187   .16939
         GRADIENT   .00042   00050   - 00273   - 02474   -.00340 - 00418   -.04337   00321   .06543

                    RUN NO   30/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

  MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
  1.205   -9 542   -.14238   .04042   33765   .23409   .04855   - 00690   892 62361   -6.65151   -.66985
  1.205   -7 166   -.12801   .04333   31190   14329   .04209   -.01488   892 72083   -6.65944   -.45903
  1.205   -4 833   - 11723   04518   29511   07453   03612   - 02667   892 52238   -6 66734   -.28185
  1.205   -2 524   -.11215   04682   28298   .01674   .03116   -.03823   892.77910   -6.66330   - 12200
  1.205   - 240   -.11395   04713   27888   -.03961   .02505   -.04595   882.82005   -6 65667   02681
  1.205   2.032   -.11503   04795   .27713   -.09133   .01650   -.05346   892 67122   -6 64637   .16670
  1.205   4.304   -.11155   04959   .27799   -.14527   .00679   -.06009   882.78118   -6 64136   .30744
         GRADIENT   .00037   .00044   -.00176   -.02399   -.00321 -.00360   .01803   .00302   .06428

DATE 29 OCT 76   TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=
LREF	=	1290.3000 INCHES	YMRP	=
BREF	=	1290.3000 INCHES	ZMRP	=
SCALE	=	.0100		

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT
SCALE =   .0100

BETA   =   -4.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   3/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 500	-.07428	02097	.17630	.12180	01535	- 00064	417 65308	-4.24598	-.43653
.599	-6.391	-.07169	.02174	.17334	.07356	.01407	- 00174	417.31739	-4 26440	-.31333
599	-4.283	-.06754	02173	.16696	.03077	01249	- 00311	417 40213	-4 27565	-.19602
599	-2.162	-.06476	02206	.15829	-.01020	.01047	-.00513	417 65633	-4 27784	-.08521
.599	-.077	-.06533	.02335	15516	-.05172	.00947	-.00780	417.65633	-4 28149	.02891
.599	2 029	-.06772	.02527	15718	-.09785	.00860	-.01120	417 90563	-4.28188	14569
599	4 138	-.06647	02707	.15777	-.14516	.00760	-.01555	417 57160	-4 27648	.26623
	GRADIENT	-.00004	.00066	- 00093	-.02090	- 00055	-.00147	.02798	-.00027	.05493

RUN NO.   10/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
900	-8.999	-.08719	.02008	.20640	16843	.01669	-.00653	710 79679	-4.37029	-.53802
.900	-6.786	-.07995	.02105	.19456	.11060	.01971	.00456	711.23101	-4.38110	-.38846
.899	-4.539	-.07642	02275	18711	.05414	02042	00311	710 17474	-4.38537	-.24366
.899	-2.273	- 07318	.02395	18017	-.00811	.02060	.00054	709 79036	-4.38684	-.09940
.899	-.144	-.07094	.02534	17279	-.06322	.02043	- 00172	709 68945	-4 37765	.03148
900	2 146	- 06817	02681	.16931	-.12923	.02024	- 01348	710 46304	-4 37060	.18544
899	4 252	- 06907	02777	.17175	- 17288	.01223	- 02823	710 24334	-4 36508	31129
	GRADIENT	00090	00059	-.00190	-.02616	- 00075	-,00348	.03711	00258	.06341

RUN NO   15/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.195	-.09961	.02570	.23211	.19934	.00820	-.00892	767 06797	-4 44138	- 60002
976	-6 911	- 08603	02608	.21348	12772	.01335	- 00715	767.56347	-4.45135	- 41999
975	-4 664	-.07620	02545	.19602	07463	.02500	- 00515	766 87061	-4 45264	-.27191
975	-2 429	-.06924	.02614	.18233	.02240	.02483	-,00510	767.25459	-4.44714	- 12906
975	- 207	-.06940	.02712	.17634	-.03605	01437	-,00575	767.00912	-4 43688	.01285
975	2 040	- 06702	.02692	17252	- 09445	00133	- 01168	766 77797	-4 43007	.15626
975	4 262	- 06272	.02766	.16996	-.15331	-.01233	- 03097	766.66886	-4.42548	.30354
	GRADIENT	.00131	.00023	-.00277	- 02566	-.00440	- 00261	-.03943	.00320	.06434

LARC 8FT TPT 749 (IA93) OTSAT130 (SJJ003) (24 JUN 76)

REFERENCE DATA PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT BETA = -4.000 ELV-LI = 10.000
LREF = 1290 3000 INCHES YMRP = .0000 IN. YT ELV-LO = 9.000 ELV-RI = 10.000
BREF = 1290 3000 INCHES ZMRP = 400.0000 IN ZT ELV-RO = 9.000
SCALE = .0100

RUN NO. 26/ 0 RN/L = 4.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.114	-.08190	02673	.20713	.14942	.04182	- 00378	862.47332	-4.45272	-.45429
1.149	-4.784	-.07479	.02860	19449	.08130	.03529	-.01150	862.45288	-4 45301	-.28049
1.149	-2.503	-.07264	.03058	.18569	.02314	03043	-.02352	862.41526	-4.44740	- 12573
1.149	-.238	-.07682	03092	18293	- 03560	.02347	-.03418	862.70553	-4 43810	.02287
1 149	2.030	-.07766	03127	18261	- 09192	01500	-.04218	862 45288	-4.43458	.16591
	GRADIENT	-.00056	00037	-.00169	- 02547	- 00299	-.00452	.01278	.00284	06552

RUN NO. 29/ 0 RN/L = 4 22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.473	- 09087	02569	.22242	23361	.04690	- 00323	882 29301	-4.43404	-.65647
1.205	-7 114	-.08426	02881	.21047	14947	.04032	-.00964	882.87831	-4.44578	-.45394
1.205	-4.797	-.07664	.02959	.19804	08093	.03423	-.02039	882.29301	-4.45019	-.28034
1.205	-2.488	-.07329	.03030	18669	01916	.03035	-.03134	882.50294	-4.43839	-.11796
1.205	- 235	- 07741	03078	18446	-.03584	.02498	- 04018	882 89984	-4.42812	.02482
1 205	2 026	-.07971	03188	18640	-.08899	.01752	- 04888	882.69065	-4.42409	.16484
1.205	4 297	-.07588	.03270	18407	-.14359	.00659	- 05612	882.70339	-4.41721	.30556
	GRADIENT	-.00021	00034	-.00125	-.02455	-.00300	-.00392	.04538	.00354	.06408

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ004)   (30 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	BETA = .000	ELV-LI = 10 000
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = 9.000	
SCALE	=	.0100					

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.600	-8 465	- 00490	.00131	.01952	.13142	.01031	-.00064	418.31449	-.02708	-.44224
.599	-6 364	-.00215	.00055	01447	.08199	00876	-.00201	417.40051	-.02286	-.31290
.599	-4 260	.00084	-.00041	00900	.03895	00788	-.00283	418 06854	-.01839	-.20164
.599	-2 164	.00106	- 00045	00563	-.00320	.00588	- 00457	417 57160	-.00720	- 08950
.600	-.076	.00271	-.00099	00003	-.04485	.00487	- 00686	418.49532	-.00407	02297
.599	2.023	.00210	-.00123	- 00103	-.09100	.00444	- 01019	417 82253	-.00207	.13952
599	4 126	-.00011	-.00072	00390	-.14027	.00359	- 01491	417 40700	-.00682	.26146
GRADIENT		- 00004	-.00007	-.00080	-.02129	- 00048	- 00142	- 05129	00135	.05512

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.898	-8 945	- 00641	00109	.02112	.18184	00431	-.01242	708.73357	-.02337	-.54685
.900	-6.743	- 00294	00034	01470	12313	.00641	-.00145	710 64140	- 01851	-.39837
.900	-4.529	- 00011	- 00031	01098	06228	.00590	.00247	710 60020	-.01573	-.24839
.900	-2.338	.00174	- 00063	.00524	00221	.00177	-.00145	710.43091	-.00309	-.11494
.899	-.151	.00290	- 0U122	00037	- 06056	.00236	- 00502	710 12434	.00718	.02854
900	2 071	00291	-.00112	-.00083	-.12957	00219	- 01368	711.11220	.01383	.17984
900	4 244	00277	-.00150	-.00076	-.17606	00371	-.02322	710.75559	.01805	.31419
GRADIENT		00032	-.00013	-.00134	-.02772	-.00019	-.00290	04545	.00395	.06468

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.168	-.00475	.00110	02061	.21237	- 00109	-.00907	767.19333	-.03126	-.60629
.976	-6.890	-.00093	.00046	01564	.14467	- 00351	-.00936	767.53221	-.02572	-.43374
976	-4 641	.00300	- 00064	.00956	.08653	- 00070	-.00796	767 63842	-.02188	-.27750
.976	-2 419	00645	- 00141	.00038	.03290	.00593	-.00721	767 20966	-.00674	-.13657
.975	- 207	00598	- 00188	-.00331	- 02367	.00164	-.00912	766.85421	.00684	00172
.975	2.007	.00417	- 00179	- 00250	- 08060	-.00757	-.01168	766 77650	.00968	.14179
.975	4 228	00151	- 00108	.00118	-.14165	-.02037	-.02043	766 49991	.00763	.28781
GRADIENT		- 00024	- 00006	- 00089	-.02571	- 00238	- 00133	- 12229	.00340	06357

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ004)   (30 JUN 76 ")

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INC-ES	ZMRP =	400.0000 IN. ZT	
SCALE =	.0100			

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   4.18   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.054	-.00205	.00108	.01602	.16487	.03784	-.00891	862.78542	-.03451	-.45879
1.149	-4.759	.00181	-.00012	.00909	.09737	.03105	-.00405	862.41686	-.02759	-.28933
1.149	-2.484	.00351	-.00083	.00269	.03193	.02668	-.00856	862.41361	-.01395	-.12859
1.149	-.237	.00222	-.00133	-.00045	-.02846	.02389	-.02038	862.76358	-.00391	.01662
1.149	2.010	-.00104	-.00070	.00313	-.08327	.01604	-.03167	862.83888	-.00470	.15672
	GRADIENT	-.00043	-.00010	-.00093	-.02671	-.00212	-.00420	.07160	.00349	.06577

RUN NO   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.396	-.00141	.00131	.01564	.23965	.04487	-.00772	882.75302	-.01524	-.65036
1.205	-7.077	.00111	.00126	.01217	.16358	.03862	-.00454	882.93204	-.01413	-.45939
1.206	-4.756	.00352	.00052	.00736	.09155	.03244	-.00916	883.14571	-.00501	-.28210
1.206	-2.461	.00522	-.00029	.00178	.02601	.02831	-.01637	882.56774	.00683	-.12037
1.205	-.230	.00477	-.00066	-.00281	-.03044	.02580	-.02741	882.71872	.02006	.02154
1.205	2.024	.00088	-.00013	.00126	-.08024	.02057	-.03792	882.85889	.01936	.15441
1.205	4.272	-.00040	-.00006	.00323	-.13293	.01195	-.04625	882.83080	.01916	.29489
	GRADIENT	-.00054	-.00004	-.00039	-.02464	-.00216	-.00425	-.01526	.00270	.06339

LARC 8FT TPT /49 (IA93) OTSATI30   (SJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =   2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000°
LREF =   1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF =   1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   5/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 491	06235	- 01585	-.13172	.12628	.00617	-.00201	417 82253	4.18950	-.44175
599	-6.379	06224	- 01792	- 13232	.07748	.00387	-.00319	417 82416	4.21050	-.31588
.598	-4.290	.06349	-.02009	- 13611	.03629	00230	-.00366	417.15276	4 22699	-.20680
.598	-2.181	06604	-.02253	- 14194	-.01005	00201	- 00476	417 06478	4 24023	- 08587
.598	-.077	.06771	- 02454	- 14744	- 05317	.00201	- 00670	417.24075	4 24736	02855
.599	2 029	.06740	- 02606	- 14694	- 09995	.00115	-.01001	417.56510	4.24553	14682
.599	4 132	.06358	- 02659	-.14143	-.14459	.00029	-.01416	417.74431	4.23661	.26040
	GRADIENT	00007	- 00079	- 00074	-.02145	-.00023	-.00125	.07995	.00117	.05543

RUN NO.   8/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8 993	.07277	- 01643	-.15530	.17164	-.00867	-.01331	710.40357	4.29420	-.54387
.900	-6.785	.07126	- 01916	- 15692	.11340	-.00621	-.00621	710.61844	4.32445	-.39133
.900	-4.515	.06935	-.02197	- 15364	.05484	-.00758	-.00393	710.56809	4.33690	-.24309
.901	-2 357	.06995	- 02430	-.15920	-.00325	-.00892	-.00436	711.35895	4.35666	-.10982
.900	- 191	06953	- 02610	-.16059	+.06260	-.00985	-.00680	710 76472	4.36283	.02704
.899	2 058	.06830	- 02722	- 15911	- 12827	- 01087	- 01083	709.83580	4.36101	.17534
.900	4 229	06797	- 02805	-.15849	- 17969	- 01044	- 01715	710 79679	4 34847	.31463
	GRADIENT	- 00020	- 00069	-.03044	- 02713	-.00035	-.00150	-.04932	.00124	.06395

RUN NO   13/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 194	08233	-.02027	- 17686	.20027	-.01326	-.00982	767 09789	4 34619	- 60162
.976	-6 921	07986	-.02279	- 17393	13223	- 01762	- 01032	767 45597	4 37409	-.42900
975	-4 657	.07742	- 02516	- 17009	07410	- 01366	- 00982	766 94826	4.38961	-.27354
975	-2 421	07644	-.02771	- 17042	02024	-.02012	-.01022	767.05443	4 40296	-.12919
.975	- 206	07688	- 02965	-.17366	- 03606	-.01654	-.01213	766 99316	4 41341	.01251
975	2 013	.07131	- 02898	-.16807	- 09205	-.01926	- 01815	767 25321	4.40923	.15054
975	4 252	06211	-.02814	- 15757	-.15587	- 02450	- 02765	766 83779	4 39216	.30407
	GRADIENT	-.00161	-.00032	00123	-.02572	-.00040	- 00196	- 00104	.00051	.06449

LARC 8FT TPT /49 (IA93) OTSATI30   (SJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF   = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF   = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO.   24/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 096	.07546	-.02211	-.16766	.15669	.02543	-.00909	862.37601	4.39050	-.46080
1.149	-4.786	07543	- 02652	-.16820	.08519	.02077	-.00695	862.56901	4.41042	-.28445
1 149	-2 493	07651	- 03008	-.17087	.02235	,01660	-.00230	862.51095	4,42809	-.12556
1.149	-.243	07764	- 03156	-.17462	- 03381	.00959	- 00726	862.43241	4 43315	.01889
1.149	2 018	.07652	- 03168	- 17332	-.09238	00264	- 01869	862.52975	4 43485	.16484
	GRADIENT	00019	-.00075	- 00084	-.02599	-,00271	-.00177	-.00869	.00346	.06586

RUN NO.   31/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.485	09010	- 019 3	-.17577	.23638	.03490	-.00602	882 62161	4 38876	-.65948
1.205	-7.119	.08004	-.02325	-.17440	15687	03083	-.00794	882 61952	4 40968	-,46163
1.205	-4.803	.07903	- 02655	-.17338	.08543	02655	-.00402	882 40167	4.42885	-.28604
1 205	-2.509	.07906	-.02922	-.17393	02203	,02315	- 00463	882 70139	4.44371	-.12519
1 205	-.235	.08038	-.03096	-.17788	-.03354	01840	-.01327	882.57199	4 45322	02208
1 205	2.022	.08031	- 03158	-.17861	-,08705	01147	-.02510	882.61289	4 45467	16019
1 205	4.280	.07624	-.03189	-,17454	-.14205	00428	- 03526	882.83080	4.44486	30001
	GRADIENT	-.00019	-.00058	-,00031	-.02485	-.00248	-.00365	.03394	.00190	06422

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                        RUN NO.   6/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   C/N   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        .599   -8.530   .09315   -.02502   -.20285   .12753   .00445   -.00247   417.48524   6.29740   -.45116
        .599   -6.422   .09364   - 02/77   -.20501   .07677   .00301   - 00347   417.65146   6.33191   -.32419
        .599   -4 297   .09473   -.03062   -.20928   .03256   .00158   -.00394   417.56998   6.35996   -.20583
        .599   -2.196   .09756   -.03379   -.21611   -.01267   .00100   -.00494   417.48849   6.37748   - 08975
        .599   -.080   .10149   -.03661   -.22244   - 05818   .00029   -.00551   417 48849   6.38778   .03003
        .599   2.048   .10153   - 03903   -.22296   -.10616   -.00100   - 01001   417.57160   6 38336   .15273
        .599   4.157   .09868   - 04134   -.21868   -.15569   -.00143   -.01417   417 56510   6.36954   .27733
                GRADIENT   .00056   - 00126   - 00121   -.02222   - 00038   -.00122   00349   00118   .05715

                        RUN NO.   9/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        .900   -9.055   .11001   - 02747   -.24043   .16874   -.01195   -.01450   710.71910   6.42430   -.54657
        .900   -6.800   .10857   - 03017   -.24083   .11205   -.00909   -.00724   710.46304   6.46274   - 39567
        .899   -4.569   .10722   -.03360   -.23992   .05652   -.01002   -.00562   710.44913   6.48921   - 25253
        .899   -2.408   .10771   -.03667   -.24336   .00053   -.01078   -.00556   710.20691   6.50933   - 11880
        .899   - 161   .10685   - 03937   -.24395   -.06368   - 01264   - 00768   709 84079   6.51772   .02847
        .899   2 072   .10355   -.04178   -.24064   -.12504   - 01315   - 01121   709 80854   6.51265   .17183
        .900   4.265   10357   -.04255   -.23906   -.17517   -.01211   - 01503   711.37725   6.49526   31178
                GRADIENT   -.00052   - 00104   .00020   -.02659   -.00030   - 00111   .06568   .00078   .06408

                        RUN NO   14/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        .975   -9 243   .12868   - 03265   - 27789   .19776   -.01724   - 01082   767.02309   6.49070   - 60697
        .976   -6.962   .12231   - 03514   -.26881   .12945   -.02323   -.01172   767.59345   6.51860   - 43413
        .975   -4.688   11650   -.03819   -.26203   .07069   -.02550   -.01178   767.19333   6.54079   -.27726
        .975   -2 427   11146   -.04126   -.25595   .01462   -.02355   -.01142   767.17698   6 55396   -.12812
        .975   - 200   .10899   -.04297   -.25518   -.04390   -.01896   -.01389   766.80933   6.56283   .01693
        .975   2 015   .10060   -.04278   -.24663   -.09853   -.01871   -.02086   767.25321   6.55743   .15345
        .975   4 276   .09380   - 04394   -.23778   -.15907   -.02107   -.02706   766 65391   6.53649   .30585
                GRADIENT   - 00251   -.00059   .00259   -.02560   00061   - 00179   - 04495   -.00023   .06472

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA   =   6.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   25/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 138	.11582	- 03515	-.26048	15027	.02209	-.00918	862.52975	6.56422	-.46231
1.149	-4 813	.11242	- 04006	-.25833	08159	01736	-.00820	862.53138	6.58794	-.28947
1.149	-2.528	10892	- 04421	-.25518	02152	.01347	-.00346	862 55020	6.60450	-.13132
1.149	- 248	.10986	-.04628	- 25764	-.03847	.00674	-.00467	862.47168	6.61810	.02043
1.149	2 029	.10805	-.04690	-.25800	- 09847	- 00132	-.01356	862.33504	6.62008	.16679
	GRADIENT	- 00053	- 00099	-.00006	- 02632	-.00275	- 00076	- 02926	.00483	.06667

RUN NO.   32/ 0   RN/L =   4 22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.534	.12815	-.03196	-.28223	23805	.03075	-.00576	882.96020	6.58547	-.67006
1.206	-7 166	12088	-.03662	- 27026	.15425	02776	- 00868	882.88693	6 60846	-.46782
1.206	-4 829	.11816	- 04126	-.26735	.08274	02315	- 00541	882.69714	6.63516	-.29113
1.205	-2.542	.11499	- 04409	-.26431	.02399	01787	-.00148	882 19248	6.65014	-.13627
1 205	-.247	.11513	- 04609	-.26542	-.03661	.01216	- 00786	882 35408	6.65719	.01962
1.205	2.033	11432	- 04725	-.26641	-.09284	.00550	- 01841	882.86097	6 65995	.16221
1.205	4.297	10978	- 04807	-.26121	-.14845	.00027	-.02959	882 63234	6 64226	.30473
	GRADIENT	- 00076	-.00074	.00045	-.02537	- 00255	-.00286	.02359	00106	.06529

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

                        RUN NO.   55/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   C/N   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
     .600   -8.556   -.10712   .03196   25364   .14642   .01906   .00911   418.32102   -6.32292   -.47679
     .600   -6.435   -.10342   .03312   .25007   .09604   .01732   .00792   418 73958   -6.35334   -.34860
     .599   -4.320   -.09883   .03393   .24122   .05234   .01606   .00693   417 90074   -6.36990   -.23055
     .599   -2.209   -.09779   .03506   .23671   .00989   .01490   .00555   418.24122   -6.37367   -.11664
     .600   -.081   -.10157   .03771   .23592   -.03390   .01361   .00328   418.31939   -6.37426   00319
     .599   2.021   -.10205   .03963   .23566   -.07724   .01290   .00100   418 07017   -6.36937   .11815
     .600   4.136   -.10180   .04234   .23686   -.12331   01218   -.00230   418 32102   -6.35872   .23627
              GRADIENT   -.00048   .00101   -.00046   -.02074   -.00046   - 00109   .03170   .00126   .05527

                        RUN NO   35/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

     MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
     .899   -9.060   -.12590   03338   .29609   .17452   .02677   .00639   709 80440   -6.51595   -.55788
     .899   -6.831   -.12217   03502   29346   .11352   .02888   01225   709.04079   -6.55357   -.40108
      899   -4.606   -.11501   03603   .27742   .06352   .02931   .01279   709 53904   -6.56007   -.26546
     .899   -2.385   -.11346   .03800   .27243   .00693   .02845   .01358   710 03753   -6 56597   -.12575
      900   - 182   -.11082   .03986   .26307   -.04691   02962   .01267   710.18869   -6 55663   01191
     .900   2 021   -.10913   .04185   26020   -.09596   02852   00123   710 32587   -6 54562   14122
     .899   4 254   - 11176   .04523   .26507   - 14414   02068   - 01454   710.12010   -6.53608   .27897
              GRADIENT   .00049   .00101   -.00167   - 02342   - 0C078   - 00303   06550   .00309   .06128

                        RUN NO   40/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
      974   -9.237   -.14291   .03869   33134   .20828   .01134   .01850   766.46692   -6 58892   - 62089
      975   -6 960   - 12803   .03996   .31186   .13850   .01516   .02053   766.96323   -6.61271   - 44408
      975   -4.711   -.11758   04068   29423   08457   .03096   .02228   766 67035   -6.62058   -.29283
     .975   -2 459   -.10680   .04151   .27713   .03052   .03617   .02301   757 29669   -6 62269   -.14465
     .975   - 230   - 10493   .04297   .26562   -.02550   02717   .01674   767 58670   -6 61233   -.00444
     .975   2.006   -.10209   .04433   .26170   - 08089   01625   .00760   767 28173   -6.60390   .13778
     .975   4 259   -.09997   .04612   .26073   -.13473   .00813   -.00658   766.83629   -6.59473   .28162
              GRADIENT   .00178   :00061   -.00368   -.02455   -.00293   -.00326   .01412   .00315   .06388

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI =	10.000
ELV-LO	=	4.000	ELV-RI =	10.000
ELV-RO	=	4.000		

RUN NO.   50/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 143	-.12600	.04312	.30943	.15340	.04831	.01729	862.14539	-6.63935	-.46632
1.149	-4 831	-.11502	.04506	.29090	.08716	.04365	.08548	862 26152	-6.64241	-.29618
1.148	-2 530	-.10862	.04726	.27681	.03117	.03867	-.00778	861 81399	-6 63938	-.13826
1.149	-.263	-.11100	.04853	.27418	-.02658	03031	-.01872	862.18300	-6.62643	.00633
1.149	2 012	-.11287	.04938	.27441	-.08330	02065	-.02797	862 14372	-6.62084	15448
	GRADIENT	00018	.00062	- 00229	-.02492	- 00339	-.00488	.00048	.00340	.06565

RUN NO   45/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 553	-.14348	.04094	33921	.24453	.05242	.01671	882 73157	-6.66691	-.68266
1.205	-7.185	- 12913	04430	31338	15316	04658	.00635	882 59143	-6 67448	-.47083
1.205	-4 853	- 11902	04678	29899	.08438	.04033	-.00650	882 66047	-6 68746	-.29361
1.205	-2 542	-.11269	.04806	.28533	.02786	03497	- 01781	882 61086	-6 67815	-.13419
1.205	-.264	-.11538	.04856	28030	-.02820	.02865	-.02750	882 66047	-6.66809	.01204
1.205	2 009	-.11642	04922	27939	- 08108	.02051	-.03541	882.45332	-6.66328	.15339
1.205	4 282	-.11356	05079	.28028	-.13517	00923	-.04251	882.77044	-6 65809	.29463
	GRADIENT	.00032	00040	-.00190	-.02402	-.00336	-.00393	.00270	.00323	.06416

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ008)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 54/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.515	-.07574	02195	.17655	.14532	.01749	.00875	418.14998	-4.20840	-.46692
.600	-6.406	-.07130	02217	.17086	.09733	.01576	.00793	418.31775	-4.22959	-.34339
.600	-4.303	-.06893	02270	.16625	.05598	.01461	.00710	418.57184	-4.24515	-.23077
.600	-2.198	-.06611	02310	.15816	.01324	.01332	.00602	418.32102	-4.25512	-.11589
.600	-.095	-.06656	02429	.15505	-.02597	.01146	.00447	418.31775	-4.25486	-.00523
.599	2.012	-.07107	02668	.15942	-.07132	.01133	.00164	418.07180	-4.25166	.11164
.599	4.121	-.06734	02802	.15766	-.11687	.01032	-.00166	418.32429	-4.24736	.23086
GRADIENT		-.00008	00068	-.00076	-.02043	-.00050	-.00104	-.03533	-.00005	.05465

RUN NO. 34/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-9.015	-.08874	02102	20552	.18430	.02500	.00403	709.76308	-4.33574	-.55866
.899	-6.798	-.08221	02200	.19587	.12484	02687	01242	709.23223	-4.35161	-.40630
.899	-4.574	-.07710	02309	18603	.06937	02695	01354	709.36950	-4.35814	-.26263
.899	-2.393	-.07491	02436	.18046	.01242	.02687	.01408	709.30995	-4.35940	-.12937
.899	-.175	-.07418	02657	.17631	-.04504	.02701	01310	710.16564	-4.35597	01240
.899	2.023	-.07173	.02764	17162	-.09999	.02769	00736	709.97380	-4.34990	.14724
.899	4.226	-.07204	02883	.17402	-.14607	01933	-.01036	710.13832	-4.34332	.27888
GRADIENT		.00060	00067	-.00149	-.02476	-.00066	-.00248	10009	.00178	06176

RUN NO 39/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-9.197	-.09695	02571	.22533	.21740	.01134	.01830	766.51330	-4.37950	-.62003
.976	-6.934	-.08517	02658	.21031	.14817	01194	02001	767.78959	-4.39390	-.44574
.975	-4.672	-.07688	02671	.19670	.09268	.02328	.02166	767.34442	-4.39682	-.29353
.975	-2.446	-.06938	.02697	.18092	.04151	.02892	.02233	766.71520	-4.38607	-.15128
.975	-.212	-.06990	.02796	17376	-.01743	.02361	.01985	766.52979	-4.37137	-.00791
.975	1.997	-.06797	.02818	17106	-.07345	.01188	01114	766.71520	-4.36652	.13066
.974	4.238	-.06367	02858	.16797	-.13059	.00274	-.00111	766.48342	-4.35984	.27569
GRADIENT		.00125	00022	-.00302	-.02522	-.00261	-.00255	-07740	.00420	06380

LARC 8FT TPT 749 (1A93) OTSAT130   (SJJ008)   (24 JUN 76)

REFERENCE DATA			PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   49/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C(N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.104	-.08312	02770	20672	.16341	.04477	.02286	862.22059	-4.42889	-.46890
1.149	-4.795	-.07440	02922	.19219	.09573	.03930	.01394	861.75766	-4.42960	-.29617
1.149	-2 501	-.07199	03117	18319	.03717	03546	00137	862.00878	-4.42628	-.13952
1 149	- 250	-.07699	03189	18189	- 02166	.02879	-.01100	861 91140	-4 41150	.00743
1.149	2.002	-.07870	03258	18334	- 07747	.01988	-.02150	862 08565	-4.41185	.14822
	GRADIENT	- 00079	.00048	-.00123	-.02555	-.00287	-.00524	03924	.00300	.06538

RUN NO   44/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.494	- 09171	02625	22271	.24399	04924	.02177	882.49420	-4.42811	-.66907
1.205	-7 135	- 08399	02922	20924	16063	04360	.01335	882.59143	-4.43720	- 46778
1.205	-4.816	-.07673	03040	.19725	.09150	03789	.00212	882.69065	-4.44123	-.29224
1.205	-2 522	-.07324	03116	.18580	03102	03422	-.00960	882 63028	-4.43039	-.13316
1 205	- 244	-.07816	03178	.18456	-.02550	.02879	-.02017	882.54182	-4.41979	01273
1.205	2 003	- 08042	03270	.18679	- 07827	02153	-.03012	882 48349	-4.41777	.15107
1.205	4 263	- 07707	03356	.18537	- 13272	.01114	- 03763	882 52437	-4 41234	.29121
	GRADIENT	-.00035	00035	-.00101	-.02459	-.00292	-.00441	- 02116	.00311	.06398

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ009)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	= .0100			

BETA	=	.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   53/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.598	-8 496	- 00396	.00171	01594	15285	01210	.00889	416.05079	00403	-.46983
.600	-6.384	-.00242	00150	.01398	.10419	01074	.00756	418 56693	.00469	-.34537
.600	-4 283	.00112	.00018	00693	.06065	.00959	00692	418.81771	.01273	-.22864
599	-2 190	00128	.00000	.00424	01965	.00789	00639	417 73455	.01702	- 12046
.600	- 090	00128	-.00002	.00051	- 02231	.00716	.00519	418.49696	02068	- 00561
.599	2.008	.00149	-.00034	- 00114	-.06618	00703	00328	417.91051	02354	10882
.600	4.108	-.00102	.00027	.00338	- 11237	.00629	.00036	419.41204	.01647	22538
	GRADIENT	-.00019	- 00001	-.00059	- 02059	- 00036	-.00077	.06514	.00067	.05421

RUN NO   33/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8.960	-.00960	00244	.02470	.19724	.01367	-.00022	710 34410	-.03323	-.56505
.900	-6.759	-.00523	00135	.01626	.13515	01527	00880	710.33498	-.02265	-.41066
.899	-4.551	-.00167	.00048	.01170	.07591	.01435	.01386	709.88211	-.01970	-.26475
.899	-2 349	- 00030	.00021	.00782	01675	.01275	.01504	709.69446	-.01299	-.13184
.899	- 179	00074	- 00023	.00251	- 04028	.01418	.01498	709 97802	-.00158	.00431
898	2 001	00161	- 00003	-.00124	- 10078	.01538	01167	709 19082	.00684	14301
900	4 217	00110	00033	00077	-.14866	01612	0008I	710.22082	.00350	.28038
	GRADIENT	00034	- 00002	- 00141	-.02589	.00028	- 00135	.00819	.00302	.06237

RUN NO.   38/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.164	-.00652	.00211	02187	.22919	.00125	.01848	767.40285	-.02549	-.62628
.976	-6 907	-.00305	.00157	01722	16190	-.00156	.01901	768 23458	-.01483	- 45406
.975	-4.659	.00146	00046	.00917	10451	-.00218	.02136	767.54180	-.00653	-.29919
.976	-2 428	.00503	- 00033	00037	.05113	00726	.02318	768.00199	.00545	-.15874
.975	-.221	.00451	-.00072	-.00241	- 00202	.00695	02186	767 49549	.01189	-.02535
.974	1.998	.00359	-.00107	-.00354	-.06145	.00211	.01816	766.34587	.01945	.11845
.974	4.208	-.00029	.00022	.00278	-.12206	-.00765	.00746	766.40718	.01068	.26374
	GRADIENT	-.00022	- 00006	- 00075	-.02553	- 00072	- 00148	-.17703	.00219	06331

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ009)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000		

RUN NO.   48/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.071	-.00224	00162	-.01483	.18059	.04046	.01751	862.22059	-.02794	-.47798
1.149	-4.774	.00063	00085	.00910	.11180	03427	.02463	862.18464	-.01978	-.30610
1.149	-2.494	.00188	00036	00463	.04584	.03017	.01924	862.18300	-.01113	-.14315
1.149	-.253	.00110	- 00037	- 00012	- 01370	.02795	.00579	861.89261	.00296	-.00111
1.148	2.015	-.00194	.00026	00349	-.06957	.02121	- 00894	861.94895	00056	.14074
	GRADIENT	-.00038	-.00011	- 00095	-.02670	-.00183	-.00505	-.04404	.00332	.06558

RUN NO.   43/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.422	-.00284	.00237	.01725	.24927	.04706	01763	882 52437	-.03348	-.66056
1.205	-7.096	-.00107	.00232	.01499	.17434	.04116	.02082	882 47934	-.03184	-.47184
1.206	-4 781	.00199	00149	00975	10380	.03572	.01607	882 51815	-.02526	-.2? ?28
1.205	-2.494	.00454	00043	00233	.03858	.03220	.00778	882 33915	-.01264	-.13568
1.205	- 242	.00373	-.00002	-.00149	-.01881	.03008	-.00480	882.63028	.00039	.00716
1.205	2.005	.00014	-.00052	.00213	-.07037	.02472	-.01746	882 60217	-.00081	.14270
1.205	4 246	-.00194	00093	.00560	-.12157	.01623	-.02771	882 70339	-.00411	.27941
	GRADIENT	-.00054	-.00005	-.00038	-.02482	-.00206	-.00500	.02803	.00241	.06358

LARC 8FT TPT /49 (IA93) OTSATI30   (SJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT              BETA    =    4.000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =     .0000 IN. YT              ELV-LO =    4.000   ELV-RI =   10.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT              ELV-RO =    4.000
SCALE =      .0100
```

RUN NO.   56/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.600	-8.511	.06298	-.01475	-.13359	.15051	.00759	.00710	418.57348	4.21766	-.47514
.600	-6.409	.06287	-.01692	-.13459	.10289	.00530	.00611	418.40082	4.24025	-.35061
600	-4 306	.06464	-.01943	-.13898	.05872	.00372	.00574	418.74286	4.25949	-.23569
.600	-2.203	.06615	-.02152	-.14322	.01568	.00372	.00610	418.65817	4.27405	-.12192
.600	-.099	.06804	- 02373	-.14921	-.02623	.00415	.00556	418.32102	4.28150	-.00894
.599	2.010	.06947	-.02593	-.15246	-.07146	.00330	.00383	418.07180	4.28237	10958
600	4.125	.06505	-.02651	-.14605	-.11655	.00229	.00091	418 99034	4 26896	.22489
GRADIENT		.00020	-.00088	-.00111	-.02077	- 00016	-.00057	-.00422	.00129	.05469

RUN NO.   36/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.013	.07108	- 01511	-.15504	18784	-.00160	-.00721	710.25728	4 31589	-.56590
.899	-6.783	.07123	- 01862	-.15912	.12506	- 00008	.00129	709.36950	4.34832	-.40480
.899	-4.562	.06859	-.02127	-.15377	.07040	00084	.01053	709.95982	4.35876	-.26328
.899	-2.375	.06850	- 02341	- 15850	.01379	-.00059	01365	709.55722	4.37895	-.13192
.899	- 180	.06847	-.02520	-.16086	-.04130	-.00084	.01429	709 75399	4.38887	.00180
.899	2 010	06670	-.02558	-.15844	-.10007	-.00118	.01289	709 85481	4.38645	.14060
.899	4 232	06941	- 02708	-.16203	-.14901	-.00152	.00554	709 42905	4.37863	.27632
GRADIENT		- 00001	-.00063	-.00075	-.02515	- 00024	-.00049	- 03483	.00214	.06170

RUN NO.   41/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9 216	.08137	-.01879	-.17591	21943	-.01171	.01611	766.65391	4.33639	-.62622
.975	-6 939	07792	-.02122	- 17215	.15053	-.01444	.01516	767 02309	4.36237	- 45163
.975	-4.677	.07602	- 02386	- 16942	09278	-.01553	.01705	767.05156	4.37643	-.29706
.975	-2 452	07480	-.02619	-.16966	.03863	-.01491	.01859	766 91254	4 38998	-.15274
.974	-.228	.07373	- 02794	-.16906	- 01492	-.00976	.01806	766.48342	4 39563	-.01347
975	1.990	.06937	- 02805	- 16551	- 07257	-.00929	01387	766 88113	4 39590	.12565
.974	4.224	06140	- 02707	-.15698	-.13193	-.01226	.00746	766.26804	4 38299	.27310
GRADIENT		-.00156	-.00037	.00131	-.02520	00055	-.00107	-.07191	.00085	.06378

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	= .0100

BETA	=	4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   51/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.109	.07395	- 02071	-.16586	.17092	.02677	.01743	862.04806	4.37167	-.47665
1.149	-4.796	.07406	-.02531	-.16714	.10143	.02309	.02079	861.87383	4.39408	-.30465
1.149	-2 522	.07500	- 02908	-.16894	.03866	.01940	.02698	862.04806	4.40878	-.14567
1.149	-.244	.07687	-.03104	-.17423	-.02049	.01251	02163	862.06685	4 42245	.00423
1.149	1.999	.07561	-.03089	-.17199	-.07797	.00619	.00840	862.08733	4 41793	.14638
	GRADIENT	.00029	-.00083	-.00088	-.02636	-.00254	-.00187	.02912	.00377	.06632

RUN NO   46/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 491	.07956	- 01845	-.17517	.24624	.03504	.01875	882.68196	4.37414	-.66993
1.205	-7 140	.07893	- 02236	-.17257	.16689	03157	.01676	882.77910	4.39499	-.47439
1.205	-4.820	.07826	- 02610	-.17177	09557	.02838	.02233	882 78773	4.41305	-.29720
1.205	-2.515	07807	- 02888	-.17262	03222	.02540	.02277	882 51164	4 42700	-.13597
1.205	-.255	.07998	-.03071	-.17761	-.02321	.02098	.01240	882.57199	4.43793	.00969
1.205	1.989	08079	-.03156	-.17974	-.07661	.01542	-.00061	882.43387	4.44109	.14681
1.205	4.270	.07621	-.03166	-.17449	-.13266	.00849	-.01393	882.37514	4.42825	.28829
	GRADIENT	-.00006	- 00061	- 00055	-.02492	-.00219	-.00422	-.03986	.00196	.06409

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000 ELV-LI = 10.000
ELV-LO	=	4.000 ELV-RI = 10.000
ELV-RO	=	4.000

RUN NO. 57/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.600	-8 561	.09107	- 02327	- 20028	15329	.00515	.00647	418.65817	6.29387	-.48641
.600	-6.437	.09368	-.02662	-.20534	.10174	.00458	.00583	418.65980	6.33093	-.35516
.600	-4.314	.09557	-.02977	- 21068	.05598	.00301	.00547	418.32102	6.37074	-.23628
600	-2.214	.09778	- 03261	-.21735	.01309	.00215	.00565	418 65817	6 39519	-.12343
.600	-.098	.10152	- 03561	-.22343	-.03199	.00158	.00547	418.49042	6 40437	-.00402
600	2.030	.10226	- 03808	-.22519	-.07819	.00086	.00364	418.65817	6.40083	.11755
.599	4.133	.09861	- 04016	-.21969	-.12288	.00086	.00082	417 98871	6 38825	.23336
	GRADIENT	.00050	- 00124	-.00122	-.02124	- 00026	-.00054	-.03144	.00192	.05584

RUN NO 37/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHE!	CHEO	Q(PSF)	BETA	CNU
.899	-9.059	.11016	- 02663	-.24246	.18240	-.00540	-.00760	709 35134	6.46081	-.56428
.899	-6.826	.10917	- 02960	-.24314	.12526	-.00219	.00140	709 88211	6.49924	- 41343
.899	-4.591	.10875	- 03362	- 24424	.07254	-.00287	00983	709 56631	6.52228	- 27545
.899	-2.404	.10723	- 03600	-.24379	.01810	-.00371	.01225	709.58448	6.54134	-.13997
.900	-.212	.10699	- 03856	-.24555	-.03798	- 00455	.01342	710 33498	6.55258	-.00530
.900	2.022	10368	-.04038	-.24143	-.09640	-.00489	01213	710.39445	6 54501	.13636
.899	4 243	.10442	- 04170	-.24164	-.14528	- 00422	.0068?	709.51585	6.52889	.27406
	GRADIENT	-.00055	- 00093	.00034	-.02490	-.00018	-.00028	.03172	.00075	06225

RUN NO. 42/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
974	-9 234	.12697	- 03142	- 27634	.21509	- 01609	.01612	766.14378	6.51634	-.62576
.975	-6.980	.12098	- 03373	- 26845	.14818	-.02028	01500	767 42066	6.54830	-.45645
.975	-4.720	.11656	- 03715	- 26352	.08897	-.02139	.01557	766 65240	6.57390	-.30097
.975	-2.473	.11094	- 03997	-.25648	.03494	-.01804	.01617	766.37730	6.58504	-.15537
.974	-.227	.10799	- 04226	-.25369	-.02524	- 01196	.01528	765 96305	6.59045	-.00491
.974	1 995	.10056	- 04243	- 24724	-.07931	-.00953	.01179	766 46692	6 58699	13001
.974	4.246	09389	-.04332	- 23909	-.13645	-.00914	.00756	766.52823	6.56988	27973
	GRADIENT	-.00249	-.00066	.00259	-.02523	.00147	- 00091	- 00719	-.00027	06459

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   52/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.156	.11588	-.03426	-.26144	.16586	.02336	.01747	862.10443	6.57481	-.48139
1.149	-4.845	.11182	- 03925	-.25837	.09783	.01947	.01937	862.08733	6.60383	-.31020
1.149	-2.551	.10876	- 04360	-.25573	.03753	.01585	.02446	861 93191	6.61982	-.15259
1.149	-.266	10922	- 04584	-.25703	-.02334	00960	.02565	861.96948	6.62963	.00190
1 148	2 001	10767	-.04636	-.25675	-.08348	00181	01535	861.69779	6.62836	.14834
	GRADIENT	- 00053	- 00103	00016	- 02650	-.00259	- 00047	-.04952	.00366	06704

RUN NO.   47/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.552	12630	-.03059	-.27948	.24942	.03171	01939	882.66251	6.55864	-.68285
1.205	-7.185	11991	-.03569	-.26849	16397	02831	.01620	882.72083	6.58113	-.47972
1.205	-4.857	11666	- 04045	- 26401	09258	02492	.02030	882.59143	6.60480	- 30255
1.205	-2.566	11452	- 04409	- 26276	.03291	02017	.02562	882.59143	6.62453	-.14502
1.205	-.270	11403	-.04558	-.26305	- 02565	.01501	.01901	882 58272	6.63295	.00552
1.205	2.003	.11399	-.04672	-.26478	-.08297	.00862	.00691	882.54392	6 63266	.15036
1.205	4.275	.10981	- 04776	-.26105	-.13741	.00407	- 00624	882.69268	6.61933	.29136
	GRADIENT	-.00062	- 00076	.00017	-.02522	-.00233	- 00314	.00676	.00163	.06496

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   80/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 515	- 10472	.03211	24974	11292	.01149	-.01382	417.39888	-6.31660	-.43472
.599	-6 414	- 10177	03348	.24691	.06180	.01005	-.01594	417.56673	-6.34656	-.30540
599	-2.189	-.09562	.03543	23326	-.02507	.00717	-.02264	418.14672	-6.37050	-.07265
.598	-.073	- 10015	.03818	23458	-.06986	.00590	- 02623	416.60728	-6.36909	.04595
.599	2.046	- 10235	.04101	.23617	-.11920	.00460	-.03156	417 14304	-6.36479	.17105
.598	4 162	-.10104	04348	23549	-.16720	00302	- 03788	416.72252	-6.35255	.29217
	GPADIENT	-.00087	00127	.00039	- 02247	-.00065	-.00241	-.18591	.00275	.05760

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   75/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 044	-.12278	.03270	.29260	15300	.01106	- 02276	710.38534	-6 51371	-.53204
.900	-6 806	-.12044	03555	29066	09246	.01342	-.02136	710.25728	-6.55220	- 37644
900	-4 589	-.11493	03709	.27918	.04073	.01384	- 02612	710.62314	-6.55929	-.23841
900	-2 380	-.11080	03862	.26917	- 01694	.01418	-.02851	710.30764	-6.56083	-.09951
899	- 158	-.10781	.04093	.26009	-.07901	.01182	-.03125	709.79530	-6.55342	.04896
899	2 067	-.10438	.04338	.25268	-.13935	01174	-.03815	709.59856	-6 53977	.19216
.900	4.293	-.10711	04591	25881	-.18815	.00743	- 05080	710 37622	-6.53411	.33184
	GRADIENT	.00099	00101	-.00258	- 02612	-.00069	- 00266	-.05405	.00322	06448

RUN NO   65/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 245	-.14303	03910	.33103	.18510	.00946	-.03690	767.14127	-6 59309	-.59542
.976	-6.953	-.12820	04048	31186	11382	.01452	-.03506	767.81955	-6.61475	-.41565
.975	-4.689	-.11670	04070	29271	05776	.01976	-.03050	767.51187	-6.61931	-.26097
.975	-2.451	- 10583	04164	.27447	00338	.00750	- 03287	767 25181	-6.61313	-.11431
.975	- 189	- 10289	04261	26195	- 05779	-.01139	-.03689	767 17266	-6.59514	.03496
.975	2 038	- 10081	04452	26002	- 11612	- 02730	-.05487	767 21900	-6.59189	.17994
.975	4 293	- 09785	04693	25779	-.17487	-.03020	-.07213	766 77346	-6.57832	.32854
	GRADIENT	00190	00068	- 00375	-.02604	-.00600	- 00469	-.06726	00460	.06562

RUN NO.   70/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.126	-.12645	04337	30892	.13070	.03746	- 03509	862.56901	-6.66085	-.44070
1.149	-4.810	-.11531	04509	29114	.06430	.03169	-.04630	862.55020	-6.66821	- 26913
1.149	-2.503	-.10949	.04732	27874	00940	02599	- 05705	862 78241	-6.66239	-.11351
1.149	-.239	-.11167	04833	27504	-.04896	01717	-.06484	862 51095	-6.65395	.03483
1.149	2.036	-.11281	04909	27478	- 10568	.00785	-.07143	862.70395	-6.64770	.18187
	GRADIENT	.00024	00057	- 00232	-.02492	-.00352	-.00365	00843	.00307	.06584

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA =	-6.000	ELV-LI = 10.000
ELV-LO =	14.000	ELV-RI = 10.000
ELV-RO =	14.000	

RUN NO.   60/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.199	-9.537	-.14508	.04183	.34187	.22348	.04398	-.03350	880.63068	-6.67605	-.65652
1.200	-7.171	-.12924	04415	.31318	.13279	.03749	-.03999	881.09646	-6.68300	-.44550
1.200	-4.833	-.11872	.04624	.29698	.06494	.03219	-.05155	880.82905	-6.68687	-.27070
1.199	-2.526	-.11230	04729	.28320	00759	.02784	-.06211	880.57265	-6.68244	-.11169
1.200	-.243	-.11399	04762	27834	-.04846	.02149	-.07079	881.44330	-6.67142	.03644
1.200	2.034	-.11609	.04906	27891	-.10233	.01143	-.07806	881.24171	-6.66797	.18023
1.200	4.300	-.11220	.05026	.27784	-.15591	-.00387	-08312	880.93929	-6.65857	.31869
	GRADIENT	.00041	00043	-.00187	-.02417	-.00388	-.00347	.03906	.00311	.06444

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT		
SCALE	=	.0100					

BETA =	-4.000	ELV-LI = 10.000
ELV-LO =	14.000	ELV-RI = 10.000
ELV-RO =	14.000	

RUN NO.   79/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.497	-.07557	02224	.17643	.11101	.01033	-.01400	417.73455	-4.23764	-.42481
599	-6 375	-.07089	.02246	.17156	.06137	.00876	-.01603	417.64658	-4.26228	-.29808
.599	-4 269	-.06803	.02299	.16565	01900	.00747	-.01882	417.05667	-4.27343	-.18326
599	-2.168	-.06603	.02396	.15932	-.02284	.00604	-.02223	417.14304	-4.28067	-.07132
.599	-.060	-.06797	.02584	.15770	-06673	00445	-02620	417.22129	-4.28474	.04626
.598	2 035	-06939	.02708	15669	-.11196	00273	-03048	416.80728	-4 28220	.16250
.599	4.154	-.06760	.02914	.15876	-16039	.00158	-03747	417.14466	-4 28555	.28378
	GRADIENT	-.00012	.00073	-00078	-.02128	-.00072	-.00216	-.00753	-.00122	.05549

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   74/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 002	- 08769	02037	20379	.16367	.00548	- 02541	710.62314	-4.35853	-.53471
.900	-6.775	-.08197	02268	19539	.10300	00743	-.02266	710.25728	-4.37470	-.38158
.899	-4 559	- 07725	02389	.18734	.04581	.00718	-.02729	709.59856	-4.38399	-.23596
.900	-2 357	- 07483	.02527	18046	-.01573	00743	- 03080	710.10188	-4.38420	-.09410
.899	- 154	-.07185	02705	17209	-.07634	.00566	- 03322	709.47951	-4.37645	.04748
.899	2 056	- 06786	02829	16577	- 14279	.00464	- 03906	709.92341	-4.36782	.19683
.900	4 281	- 06978	.02992	17231	-.19222	.00329	-.04813	710 60498	-4.36595	.33604
	GRADIENT	.00099	00068	- 00202	-.02730	- 00048	-.00226	08317	.00237	06495

RUN NO.   64/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.189	-.09861	02632	.22687	.19157	00813	-.03856	766.95888	-4.39478	- 59002
975	-6.911	-.08512	.02682	20887	.12170	.01273	-.03672	767.69568	-4.40576	-.41410
.975	-4.672	-.07603	02646	.19315	.06581	.01383	- 03479	767.14421	-4.40526	- 26253
.975	-2.425	-.06994	.02742	18094	.01222	.00477	- 03489	767.14275	-4.40016	- 11803
.975	-.184	-.07073	02853	17557	-.04938	- 01420	-.03820	767.14275	-4.39011	.02993
.975	2 042	-.06861	02874	17068	-.11028	-.03283	-.05180	767 26533	-4.38041	17568
.975	4.267	- 06411	02980	16759	- 17127	- 03799	- 06824	766.98726	-4.37302	32540
	GRADIENT	.00113	00036	- 00275	-.02670	-.00632	-.00375	-.00854	.00377	06577

RUN NO   69/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.088	-.08223	02773	.20473	.14155	.03648	-.03446	862.68513	-4 43587	-.44429
1 149	-4.777	-.07626	02988	.19432	07311	.02933	-.04175	862.41361	-4.43792	- 27014
1.149	-2 482	-.07260	03107	18319	.01432	.02398	-.05189	862.53138	-4.42875	- 11310
1.149	-.242	- 07698	.03146	.18113	- 04347	01612	- 06042	862 52975	-4.42163	.03275
1.149	2.024	-.07900	03240	.18272	-.09996	.00695	-.06805	862.62543	-4.41848	17514
	GRADIENT	-.00055	00035	- 00163	-.02548	-.00331	-.00386	.02803	.00289	.06544

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ013) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 14.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 14.000		
SCALE = .0100					

RUN NO. 59/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.199	-9.478	-.09310	.02717	.22511	.22219	04260	-.03274	880 89653	-4.44957	-.64206
1.200	-7.114	-.08522	.02953	.21109	.14020	03565	-.03715	881.23401	-4.45888	-.44304
1.200	-4 798	-.07750	.03035	.19763	07126	03015	-.04692	880 82312	-4.45580	-.26901
1.200	-2 502	- 07361	.03092	.18680	.00990	02620	-.05705	880.98969	-4.44869	-.10812
1.199	-.229	-.07803	03139	18399	- 04701	02130	- 06545	880.97598	-4 43513	.03983
1.200	2.023	-.07976	03234	18497	- 09852	01307	-.07280	880.90257	-4 43507	.17538
1.199	4 285	- 07682	03366	18514	- 15312	00020	-.07928	880 86138	-4 42860	.31636
	GRADIENT	- 00021	00035	- 00119	- 02456	-.00322	- 00355	- 00040	.00300	.06410

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ014) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 14.000	ELV-RI =	10.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 14.000		
SCALE = .0100					

RUN NO. 78/ 0 RN/L = 3 17 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
599	-8.472	- 00460	00200	01717	.12064	.00575	- 01438	417.13817	-.02036	-.43176
598	-6 364	- 00188	00124	.01311	.07245	.00403	-.01569	416 71443	-.01836	-.30513
598	-4.265	00154	00015	00632	.02695	.00302	- 01791	416 79918	-.01681	-.18823
598	-2.182	.00240	00013	00196	- 01457	.00086	- 02127	416 21068	- 00922	-.07913
.598	- 072	.00183	.00042	-.00014	- 05878	- 00043	- 02538	416.97355	-.00598	.03810
.599	2.031	.00101	.00032	.00015	- 10699	- 00101	-.03025	417.39726	- 00338	.15901
.599	4 131	-.00105	.00094	.00370	- 15609	- 00201	- 03557	417 73618	-.00554	.27734
	GRADIENT	-.00031	00008	-.00033	- 02173	-.00057	-.00211	14589	.00135	.05567

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ014)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   73/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-8 952	-.00803	00216	.02207	.17459	-.00758	-.03188	710.11099	-.05611	-.53724
.900	-6.752	-.00408	00160	.01393	.11447	-.00741	-.02906	710.29852	-.04552	-.38995
899	-4.544	-.00021	00105	.00901	.05003	-.00920	-.03116	709.32408	-.04452	-.23565
.900	-2.343	.00065	00132	.00482	-.01190	-.01314	- 03517	710.52719	-.03733	-.10057
.900	-.141	.00117	00082	00190	-.07658	-.01339	-.03957	710.48600	-.02693	.04735
.900	2.056	.00229	.00068	- 00302	-.14488	-.01491	- 04365	710.19346	-.01852	19520
.900	4.267	.00155	00094	- 00042	- 19679	-.01162	-.04719	710.75114	- 02055	.33754
	GRADIENT	.00023	- 00004	-.00121	- 02845	-.00030	- 00184	.11448	.00303	.06549

RUN NO   63/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.162	-.00618	00226	02098	.20426	-.00297	-.04062	767.01867	-.04149	- 59610
.975	-6 892	-.00284	.00182	01670	.13486	-.00187	-.04086	767.20691	-.03763	-.42118
975	-4 632	.00135	00076	00935	07576	.00055	-.04112	767 03512	-.02935	-.26422
.975	-2.411	00467	00010	- 00006	02118	-.00632	- 04111	767.31165	- 00934	-.12313
.975	-.189	.00237	00007	.00088	- 03581	-.01981	- 04151	767.24890	-.00787	.01607
.975	2.004	.00130	00018	-.00049	- 09376	-.03705	- 04684	767.12632	-.00151	.15616
.975	4.239	- 00103	.00133	.00246	- 15911	- 05381	-.06240	767.18610	-.00253	.30739
	GRADIENT	-.00037	00006	-.00064	-.02639	- 00629	- 00218	00531	.00277	.06420

RUN NO.   68/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.052	-.00278	.00211	01524	.15888	.03301	-.04027	862.64588	-.02983	-.45229
1.149	-4.732	00010	00130	.01018	08989	.02676	-.03804	862.58943	-.02344	- 27847
1.149	-2.464	.00141	00075	00489	02218	.02189	-.04309	862 51095	- 01073	-.11565
1.149	- 233	-.00077	00047	00279	-.03620	.01806	-.05190	863.09146	.00174	02579
1.149	2.013	- 00218	00039	.00261	-.09083	.01001	-.05952	862.58782	.00750	.16556
	GRADIENT	- 00040	- 00013	~ 00111	- 02660	-.00241	-.00326	02553	.00469	.06560

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ014) (24 JUN 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA = .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE = .0100

RUN NO. 58/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.199	-9.408	-.00246	.00247	.01588	.22949	.04207	-.03822	880.71627	-.02663	-.63614
1.200	-7.082	-.00081	.00264	.01407	.15369	.03566	-.03554	880.98969	-.02792	-.44642
1.200	-4.772	.00136	.00202	.00952	.08325	.02926	-.03965	880.92392	-.02108	-.27427
1.200	-2.473	.00386	.00085	.00225	.01730	.02484	-.04661	880.90257	-.00772	-.11035
1.199	-.236	.00296	.00050	-.00161	-.03868	.02211	-.05556	881.09208	.00665	.02957
1.200	2.017	-.00011	.00075	.00080	-.09122	.01625	-.06470	881.62354	.00949	.16853
1.199	4.265	-.00244	.00116	.00555	-.14114	.00715	-.07102	880.71012	.00029	.30306
	GRADIENT	-.00051	-.00008	-.00042	-.02470	-.00234	-.00358	.01304	.00266	.06354

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ015) (24 JUN 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA = 4.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE = .0100

RUN NO. 81/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
599	-8.498	.06234	-.01492	-.13222	.11580	.00144	-.01520	417.48037	4.17773	-.43053
599	-6.389	.06399	-.01757	-.13531	.06822	-.00057	-.01713	417.65146	4.20193	-.30775
599	-4.293	.06417	-.01921	-.13837	.02810	-.00244	-.01843	417.56510	4.22091	-.20168
599	-2.183	.06642	-.02153	-.14394	-.02089	-.00273	-.02093	417.31415	4.23309	-.07762
599	-.074	.06777	-.02355	-.14850	-.06636	-.00301	-.02518	417.31577	4.24038	.04234
.599	2.032	.06805	-.02497	-.15006	-.11217	-.00387	-.03024	417.48199	4.24147	.15977
598	4.153	.06332	-.02568	-.14326	-.16171	-.00517	-.03493	416.63776	4.22746	.28410
	GRADIENT	-.00000	-.00078	-.00075	-.02231	-.00031	-.00200	-.08000	.00102	.05728

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA	=	4.000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO	=	14.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO	=	14.000	
SCALE	=	.0100							

RUN NO.   76/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-9 001	.07087	-.01452	-.15403	.16594	-.01837	-.03291	710 12921	4.27346	-.53721
.900	-6.770	.07018	-.01723	-.15650	.10482	- 01768	-.03186	710.67345	4.30214	-.38125
.900	-4.555	.06894	- 01981	-.15317	.04806	- 01827	-.03348	710 69171.	4.31488	-.24105
900	-2.366	06982	- 02242	- 16017	-.01378	- 01938	-.03556	710.30764	4 33798	-.10068
.900	-.161	.06920	- 02444	-.16127	-.07780	- 01947	-.04013	710.09276	4.34509	.04474
.900	2.058	.06518	- 02486	-.15636	-.14344	-.02097	-.04373	710.60488	4.33956	19337
899	4.286	.06566	-.02614	- 15761	-.19792	-.02057	- 04665	709.93252	4.33080	.33794
	GRADIENT	-.00051	-.00068	-.00023	-.02812	-.00028	-.00156	- 05520	.00150	.06569

RUN NO   66/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.199	08165	- 01890	-.17666	.19547	-.01987	- 04138	767.72421	4.30851	-.59809
.976	-6.919	.07870	- 02129	-.17318	.12540	-.02666	- 04165	767.46833	4 33171	-.42165
.975	-4.665	.07576	- 02343	-.16842	.06633	-.03119	- 04010	767 23541	4.34595	-.26552
.975	-2.434	.07472	-.02553	-.16846	.01168	-.03518	- 04227	767.12780	4.35861	-.12253
975	-.199	.07337	- 02705	-.16905	-.04788	-.03603	-.04839	767.28028	4.36562	.02641
.975	2.025	.06843	-.02650	-.16554	-.10763	-.04079	-.06100	767 09642	4.36586	.16931
.975	4.279	05992	-.02583	- 15582	- 17277	-.04524	-.07084	767.11137	4.35235	.32182
	GRADIENT	-.00170	-.00026	00126	-.02674	- 00151	-.00359	-.01250	.00089	.06563

RUN NO.   71/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 096	.07483	-.02082	-.16807	.14973	.02238	- 04036	862.55020	4.37460	-.45368
1.149	-4.783	07386	-.02482	-.16729	07796	.01758	-.03992	862.52975	4.39517	- 27626
1.149	-2 499	.07414	- 02805	-.16833	01512	.01334	-.03776	862.82006	4.40331	-.11731
1.149	-.226	.07526	-.02958	-.17200	-.04262	.00647	-.04283	862.31625	4.41319	.02978
1.149	2 034	.07512	-.03017	-.17323	-.10147	-.00132	-.05037	862.47168	4.41814	.17524
	GRADIENT	.00022	-.00077	- 00095	-.02624	- 00280	-.00160	- 02972	.00347	.06611

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ015) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 14.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 14.000	
SCALE = .0100			

RUN NO. 61/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9.470	.07827	-.01826	-.17431	.22649	.03131	-.03589	880.85984	4.36945	-.64691
1.200	-7.119	.07810	-.02196	-.17265	.14664	.02790	-.03869	880.90257	4.38955	-.45032
1.200	-4.803	.07810	-.02553	-.17338	.07645	.02334	-.03650	881.02472	4.41411	-.27517
1.200	-2.505	.07635	-.02753	-.17132	.01144	.01967	-.03839	880.85217	4.42192	-.11158
1.199	-.275	.07784	-.02953	-.17577	-.04229	.01484	-.04491	880.68724	4.43331	.02888
1.199	2.029	.07870	-.03061	-.17859	-.09759	.00762	-.05368	881.01264	4.43821	.17160
1.199	4.275	.07436	-.03107	-.17412	-.15246	.00014	-.06073	880.94694	4.42797	.31066
	GRADIENT	-.00023	-.00062	-.00039	-.02498	-.00258	-.00281	.00028	.00194	.06412

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ016) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = 6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT	ELV-LO = 14.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 14.000	
SCALE = .0100			

RUN NO. 82/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.537	.09186	-.02376	-.20202	.11670	-.00100	-.01592	418.15651	6.27137	-.43894
.599	-6.404	.09365	-.02683	-.20556	.06490	-.00201	-.01786	417.97893	6.30318	-.30774
.599	-4.309	.09537	-.02962	-.21079	.02470	-.00330	-.01862	417.31577	6.33110	-.20097
.599	-2.196	.09787	-.03275	-.21718	-.02210	-.00445	-.02092	417.48524	6.34857	-.08145
.599	-.077	.10116	-.03546	-.22344	-.07026	-.00487	-.02469	417.72642	6.35750	.04277
.599	2.039	.10079	-.03758	-.22229	-.11682	-.00631	-.02980	417.23103	6.35125	.16337
.599	4.160	.09868	-.03998	-.21998	-.16777	-.00746	-.03423	417.22616	6.34014	.29044
	GRADIENT	.00045	-.00121	-.00111	-.02265	-.00048	-.00189	-.02048	.00098	.05798

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　　　　(SJJ016)　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	10.000
ELV-LO	=	14.000	ELV-RI	=	10.000
ELV-RO	=	14.000			

RUN NO. 77/ 0　　RN/L = 3.97　　GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-9.045	.10882	- 02544	-.24048	.16209	-.02183	-.03417	710.01022	6.42444	-.54088
.899	-6.809	.10823	- 02831	-.24210	.10436	-.01896	-.03194	710.05150	6.46370	-.38835
899	-4 587	.10571	-.03146	-.23872	.04711	-.01980	-.03335	710.00112	6 49608	-.24337
.900	-2.382	10666	-.03473	-.24300	-.01135	-.01930	-.03487	710 08365	6 50855	-.10564
.900	-.170	.10650	- 03788	-.24502	-.07582	-.02029	-.03886	710.54545	6 51893	.04017
.900	2.061	.10030	- 03979	-.23805	-.13936	-.02098	-.04202	710.22993	6.51028	.18862
.900	4 285	.10141	- 04159	-.23944	-.19290	- 02063	- 04536	710.56370	6.49855	.33143
	GRADIENT	-.00065	- 00114	.00016	-.02740	- 00015	- 00141	05724	.00119	06508

RUN NO 67/ 0　　RN/L = 4 08　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 252	.12786	- 03126	-.27754	.19408	-.02363	- 04391	767.35797	6 48439	-.60673
.976	-6.949	.12177	- 03377	-.27015	.12253	-.03257	-.04494	767.77328	6 51686	-.42589
.975	-4.694	.11504	-.03633	- 26029	.06155	-.03711	- 04250	767.52684	6.53263	-.26680
.975	-2.450	.11124	- 03978	- 25752	.00590	-.03907	- 04387	767.23541	6 55074	-.12137
.975	-.193	10677	- 04081	-.25365	-.05597	-.03813	-.05365	767.35797	6.55684	.03091
.975	2.046	.09792	-.04064	-.24498	-.11632	-.03767	06100	767.17266	6 54963	17770
.975	4 276	09059	- 04158	-.23545	-.17456	-.04032	-.06797	767.23395	6.53070	32362
	GRADIENT	- 00277	- 00051	.00277	- 02650	-.00022	-.00303	-.02891	-.00022	.06596

RUN NO 72/ 0　　RN/L = 4 21　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.135	.11623	-.03404	- 26340	.14312	.01932	- 04076	862.70395	6 58732	-.45387
1.149	-4.812	.11189	- 03874	-.25922	.07498	.01452	- 04098	862 66631	6.61929	-.28224
1.149	-2.515	.10837	- 04301	- 25659	.01400	.01056	- 03808	862 64588	6.63737	-.12303
1.149	- 230	.10856	-.04491	-.25845	- 04706	.00396	-.04063	862 64588	6.64804	.03147
1.149	2.036	.10630	-.04533	- 25708	- 10749	-.00507	- 04761	862 41361	6 64541	.17769
	GRADIENT	-.00073	-.00095	.00020	-.02665	- 00286	- 00098	- 03314	.00391	.06721

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ016) (24 JUN 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = 6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RUN NO. 62/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9.538	.12632	-.03065	-.28042	.22744	.02797	-.03646	880.84448	6.55886	-.65673
1.200	-7.167	.11911	-.03524	-.26889	.14428	.02491	-.03935	880.86583	6.58389	-.45718
1.200	-4.835	.11530	-.03959	-.26439	.07258	.02035	-.03773	880.95889	6.60477	-.27836
1.200	-2.539	.11242	-.04257	-.26173	.01245	.01511	-.03533	880.67192	6.62227	-.12225
1.199	-.238	.11244	-.04466	-.26396	-.04749	.00974	-.04107	880.43024	6.63233	.03188
1.200	2.015	.11203	-.04601	-.26526	-.10504	.00258	-.04920	881.36553	6.63318	.17674
1.200	4.295	.10726	-.04691	-.25931	-.15924	-.00326	.05587	881.01106	6.61400	.31689
GRADIENT		-.00072	-.00079	.00029	-.02547	-.00262	-.00220	.03468	.00130	.06529

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ017) (24 JUN 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = -6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO. 90/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.178	-.12577	.04273	.31035	.17935	.05710	.07187	862.90001	-6.65909	-.49930
1.150	-4.855	-.11457	.04535	.29192	.11146	.05176	.05362	862.84344	-6.66521	-.32420
1.149	-2.556	-.10862	.04792	.27924	.05347	.04536	.03629	862.95804	-6.66214	-.16546
1.150	-.282	-.11047	.04925	.27469	-.00425	.03668	.02144	862.80428	-6.65153	-.01753
1.149	1.998	-.11254	.05019	.27519	-.06183	.02647	.00866	862.84198	-6.64317	.12876
GRADIENT		.00019	.00070	-.00240	-.02533	-.00371	-.00657	-.00689	.00336	.06608

RUN NO 85/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9.583	-.14266	.04041	.33869	.26928	.05857	.07436	881.19131	-6.65417	-.71031
1.200	-7.205	-.12825	.04427	.31304	.17632	.05153	.05732	881.70887	-6.66404	-.49669
1.200	-4.874	-.11710	.04651	.29580	.10709	.04386	.04059	881.39880	-6.67276	-.31981
1.200	-2.554	-.11031	.04793	.28176	.04894	.03876	.02726	881.54220	-6.66688	-.15913
1.200	-.289	-.11334	.04879	.27763	-.00678	.03196	.01514	881.62354	-6.65849	-.01436
1.200	1.985	-.11530	.04932	.27720	-.06032	.02318	.00402	881.62524	-6.64995	.12807
1.199	4.253	-.11167	.05048	.27601	-.11718	.00973	-.00572	881.19291	-6.63773	.27393
GRADIENT		.00026	.00041	-.00194	-.02447	-.00368	-.00508	-.01429	.00381	.06470

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ018)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4.000	ELV-LI = 10.000
ELV-LO =	-5.000	ELV-RI = 10.000
ELV-RO =	-5.000	

RUN NO   89/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 132	-.08101	.02677	.20354	.18997	05238	.07851	862 80279	-4.42750	-.49990
1.149	-4 822	-.07465	.02949	.19344	.12051	.04725	.06561	862.68822	-4.43449	- 32518
1.149	-2 538	- 07026	.03102	.18111	06198	.04211	04895	862.57215	-4.42491	-.16914
1 149	-.264	-.07658	.03243	.18173	.00101	03495	.03200	862.80279	-4 41747	-.01909
1 149	1 980	-.07753	.03274	.18151	-.05622	02599	.01676	862.68670	-4.41005	.12317
	GRADIENT	-.00066	00049	-.00155	- 02607	-.00313	-.00721	01000	.00356	.06593

RUN NO   84/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9 512	- 09171	02599	.22369	.26809	.05434	07919	881.40653	-4.45240	-.69537
1.201	-7 158	-.08391	02929	20998	18525	04841	06714	881 68556	-4.45929	-.49573
1 200	-4.837	- 07618	03073	19723	.11438	04229	.05083	881 67204	-4 46049	-.31846
1.200	-2.542	-.07220	.03146	.18580	.05291	.03780	.03673	881.70887	-4.44996	-.15761
1 200	-.274	-.07751	03230	18462	-.00506	.03225	.02359	881.09050	-4.44061	-.01112
1.199	1.987	-.07876	03241	.18359	-.05996	.02545	01056	881 03403	-4 43544	.13061
1.199	4.247	-.07662	03370	.18513	-.11545	.01436	- 00148	880 94972	-4.42879	.27184
	GRADIENT	-.00033	00030	- 00117	- 02523	-.00300	-.00576	-.09338	.00343	.06472

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ019)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP	=	º76 0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	0100				

BETA	=	.000	ELV-LI = 10.000
ELV-LO =	-5.000	ELV-RI = 10.000
ELV-RO =	-5.000	

RUN NO   88/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.097	- 00291	.00150	.01558	.20541	.04377	.07555	862.70853	-.03041	-.50704
1.149	-4.789	-.00023	00075	.01033	.13718	.03849	.07988	862.74625	-.02409	-.33519
1.149	-2.513	.00209	.00000	.00349	.06979	.03522	07192	862.76510	-.01278	-.17297
1.149	- 277	.00133	- 00071	-.00042	.00824	.03294	05575	86..62866	- 00091	-.02738
1.149	1.890	- 00169	.00001	00283	-.04679	02634	03767	862 62866	00066	.10930
	GRADIENT	- 00022	-.00013	-.00120	-.02755	- 00173	-.00640	-.02196	.00388	06643

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ019) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT	ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = -5.000	
SCALE = .0100			

RUN NO. 83/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.201	-9.450	-.00238	.00177	.01638	.27474	.05038	.07631	881.68556	-.04038	-.68803
1.201	-7.107	-.00012	00171	.01319	.19900	.04466	.07690	881.87141	-.03747	-.49958
1.201	-4.803	.00220	00099	.00917	.12501	03895	07131	881 92731	-.03347	-.31964
1.201	-2.521	.00509	-.00016	.00113	.05943	03556	05940	881.57482	-.02003	-.15868
1.201	-.270	.00299	-.00009	.00038	.00044	.03298	.04400	881.52665	-.01213	-.01495
1.200	1.980	00071	00007	.00076	-.05303	.02782	.02821	881.38520	-.00574	.12351
1.199	4.237	-.00151	00057	00472	-.10640	.02040	.01259	881.35179	-.01101	.26465
	GRADIENT	-.00052	-.00003	-.00041	-.02548	-.00199	-.00658	-.05943	.00262	.06425

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ020) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT	XMRP = 976.0000 IN XT	BETA = 4.000	ELV-LI = 10.000
LREF = 1290 3000 INCHES	YMRP = 0000 IN YT	ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT	ELV-RO = -5.000	
SCALE = .0100			

RUN NO. 91/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 150	-7.140	.07355	-.02089	-16632	.19756	02986	.07605	863.05523	4.37069	-.50908
1.150	-4.833	.07303	-.02563	-16736	12680	.02585	.07777	862.68967	4 38977	-.33470
1.149	-2.545	.07325	-.02949	-16809	.06193	.02300	.08142	862.72591	4.40142	-.17230
1.150	-.270	.07625	-.03182	-17226	00330	.01792	07640	863.19013	4.41106	-.02382
1.149	1 974	07534	-03195	-.17295	-05538	.01160	05915	862.76510	4.41202	.11936
	GRADIENT	00039	-.00094	-00092	-02667	-.00211	-00269	.03066	.00337	.06657

RUN NO 86/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9 518	07887	-.01835	-.17525	27222	03753	.07614	881.67204	4.36101	-.70130
1.201	-7.152	07842	-.02284	-.17317	.19109	.03414	.07296	881.39682	4.38286	-50212
1.201	-4.842	07774	-.02686	-.17281	.11846	.03026	.07688	881.54013	4.40103	-.32368
1 201	-2.552	07755	-.02979	-.17389	05494	.02746	.07669	881.73594	4.41677	-16388
1.200	-.279	.07826	-.03141	-.17553	-00157	.02346	.06573	881.42012	4.42159	-.01623
1.200	1 978	.07978	-03215	-17882	-05695	01761	.04794	881.55949	4.42528	.12369
1.199	4.236	.07568	-03203	-17474	-.11439	.01095	03034	881.19291	4.41450	26535
	GRADIENT	-.00008	-.00056	-.00039	-.02546	-00214	-.00537	-03832	.00157	06461

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ021)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ FT.    XMRP  =   976.0000 IN. XT          BETA   =     6.000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES    YMRP  =      .0000 IN. YT          ELV-LO =    -5.000   ELV-RI =   10.000
BREF  =  1290.3000 INCHES    ZMRP  =   400.0000 IN. ZT          ELV-RO =    -5.000
SCALE =      .0100
```

RUN NO.   92/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.195	.11601	-.03458	-.26295	.19199	.02661	.07590	862 76510	6.57252	-.51232
1.150	-4.855	.11134	-.03994	-.25895	.12127	.02182	.07653	862.70853	6.59786	-.33604
1.149	-2.570	.10729	-.04434	-.25434	.05973	.01910	.07970	862 84198	6.61320	-.17658
1.149	-.287	.10849	-.04706	-.25814	-.00093	.01355	.08141	862 53138	6.62668	-.02330
1.149	1.985	.10737	-.04794	-.25871	-.06418	.00674	.06903	863 03492	6.62400	.12760
	GRADIENT	-.00047	-.00117	-.00013	-.02706	-.00223	-.00091	02925	00403	06772

RUN NO.   87/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.200	-9.579	.12680	-.03052	-.27987	.27509	.03387	.07612	881.39880	6 55405	-.71394
1.200	-7.210	.12032	-.03665	-.27093	.18741	.03052	.07206	881.75149	6.58317	-.50783
1.200	-4.879	.11573	-.04137	-.26479	.11465	.02679	.07463	881.61389	6.60678	-.32858
1.200	-2.565	.11271	-.04488	-.26152	.05405	.02210	.07873	881 67204	6.61726	-.16887
1 200	-.280	.11323	-.04699	-.26437	-.00492	.01734	.07413	881.34251	6 62995	-.01817
1.200	1 993	.11311	-.04797	-.26606	-.06293	.01122	.05893	881.48772	6.63191	.12734
1.199	4.269	.10861	-.04830	-.26027	-.12084	.00646	.03991	881 11489	6.61057	.27272
	GRADIENT	-.00061	-.00074	.00020	-.02573	-.00225	-.03390	-.05169	.00098	06559

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ022)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690 0000 SQ FT.    XMRP  =   976.0000 IN  XT          BETA   =    -6.000   ELV-LI =   12 000
LREF  =  1290 3000 INCHES    YMRP  =      .0000 IN  YT          ELV-LO =    -5.000   ELV-RI =   12.000
BREF  =  1290 3000 INCHES    ZMRP  =   400 0000 IN. ZT          ELV-RO =    -5 000
SCALE =      .0100
```

RUN NO.   100/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 169	-.12496	.04277	.30873	17374	.03168	.07171	862.94199	-6 65507	-.49134
1.150	-4 839	-.11421	.04530	.29058	.10472	02724	.05347	862.80428	-6.66192	-.31644
1.149	-2.538	-.10789	.04796	27811	.04755	02300	03658	862 89850	-6 66328	-.15761
1.149	-.277	-.11021	.04955	.27489	-.00891	01606	.02214	862 55020	-6 65480	-.01184
1.150	1.996	-.11207	05025	.27457	-.06713	00813	00852	863 15097	-6 64820	.13601
	GRADIENT	.00018	00072	-.00226	-.02513	-.00282	-.00656	03038	.00218	.06603

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ022)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   *   -6.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 95/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.583	-.14297	04083	.33957	.26398	.03381	.07305	883.03999	-6.67655	-.70450
1.205	-7.206	- 12889	.04480	.31541	17157	.02804	.05574	883.08750	-6.69139	-.49222
1 205	-4 873	-.11746	04670	.29653	10188	.02269	.03909	882.63028	-6.69544	-.31457
1.205	-2.549	- 11036	.04819	.28301	04415	.01908	.02665	882.85023	-6.69071	-.15298
1.205	-.269	- 11321	.04879	.27782	- 01272	.01249	.01395	882.85023	-6 67781	-.00574
1.205	2.007	- 11576	.04974	.27919	-.06730	.00210	.00332	883 07885	-6 67884	13845
1.205	4 269	-.11253	.05076	27784	-.12187	-.00929	-.00724	882 99906	-6.66535	27972
	GRADIENT	00020	.00042	-.00181	-.02447	-.00354	-.00508	04237	.00315	.06481

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ023)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   12 000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO 99/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.125	-.08152	02731	20564	.18398	.02820	.07823	863.13211	-4 44377	-.49201
1.150	-4.809	- 07380	02953	.19323	.11625	.02424	.06525	862.99721	-4 43970	- 32053
1 150	-2.530	- 07087	.03159	.18235	.05483	.02042	.04797	863.09295	-4.42644	-.15971
1.149	-.259	- 07594	.03276	.18207	-.00359	.01487	.03199	862 80124	-4.42137	-.01343
1 149	2.002	-.07775	.03313	.18275	-.06266	.00730	01631	862 74319	-4 41842	.13311
	GRADIENT	-.00074	.00053	-.00140	-.02621	-.00248	-.00717	-.04639	.00304	06639

RUN NO 94/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.505	-.09128	.02612	.22334	.26412	.03023	.07836	882.60217	-4.44848	-.69215
1.205	-7.145	-.08358	.02948	.20922	.17949	.02572	.06552	883.29879	-4.45215	-.48885
1.205	-4.829	-.07602	03098	.19718	.10774	.02092	.04865	882.43185	-4.45640	-.30955
1.205	-2.537	-.07182	03153	.18467	04682	.01758	.03536	883.09827	-4.44373	-.15035
1.205	-.269	-.07669	03215	.18343	-.01117	01310	.02280	883 03999	-4 43540	-.00362
1.205	2.013	-.07926	03269	18491	-.06473	00523	.00920	882 65178	-4.42947	.13681
1.205	4.264	- 07656	03351	18413	- 12066	-.00542	- 00222	883.17806	-4 42645	.27868
	GRADIENT	- 00037	.00027	-.00114	-.02500	- 00286	-.00563	.04602	.00326	.06438

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ024)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 98/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.086	-.00248	00159	.01593	20245	.02278	07513	863.15097	- 03947	-.50381
1.149	-4.791	00002	.00097	.01117	.13221	.01924	.07957	862.91886	-.03407	-.32785
1.149	-2.508	.00343	- 00030	00216	.06638	01695	.07160	863.13065	-.01549	-.16767
1.149	- 272	-.00006	- 00001	00305	00335	.01487	05520	862.66631	-.00880	-.02135
1.149	1 986	- 00147	00010	.00287	- 05285	.00959	.03703	862.89850	- 00406	.12045
GRADIENT		- 00035	-.00010	- 00107	-.02740	-.00137	-.00638	-.02310	00429	06608

RUN NO 93/ 0   RN/L =   4 22   GPADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.429	-.00177	.00192	.01559	.26995	.02756	07624	883 09505	- 03673	-.68244
1.205	-7 098	-.00093	00215	.01452	.19230	.02341	.07635	883.40667	- 03508	-.48957
1.205	-4.783	.00314	.00083	.00699	12090	01948	.07015	883 12631	-.02476	-.31579
1 206	-2 517	.00401	.00046	.00357	.05402	.01683	.05715	883.27511	-.01988	-.15199
1 206	- 253	.00370	-.00017	-.00099	-.00528	.01486	.04212	883.37430	-.00498	- 00730
1.205	1 986	.00076	.00015	.00109	-.05786	.01046	02647	882.88908	-.00569	.12990
1 205	4 235	-.00082	00040	.00396	-.10944	.00394	01264	883.54889	-.00755	.26617
GRADIENT		-.00049	-.00005	-.00038	-.02541	- 00166	-.00646	.02040	00216	.06415

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ025)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 101/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 122	.07391	-.02103	-.16731	.19172	.01237	.07542	862.93918	4.39355	-.50074
1.150	-4.831	.07357	-.02573	-.16826	.12184	.00924	.07714	862.97834	4.41515	-.32954
1.149	-2.540	.07379	- 02974	-.16918	.05683	.00653	.08130	862.86082	4.42835	-.16613
1.149	- .259	.07553	-.03194	-.17299	-.00251	.00049	.07579	862.76358	4.43645	-.01488
1.149	1.979	.07618	-.03212	-.17418	-.06062	-.00576	05947	862 87967	4 43861	.12548
GRADIENT		.00042	-.00094	-.00095	-.02672	- 00225	-.00257	-.01745	.00346	.06678

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ025)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA = 4.000	ELV-LI = 12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO = -5.000	ELV-RI = 12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = -5.000	
SCALE	=	.0100					

RUN NO. 96/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.511	.07970	-.01861	-.17610	.26706	.01902	.07576	882.66251	4.37650	-.69336
1.205	-7.149	.07912	-.02280	-.17362	.18634	.01650	.07263	882.91059	4.39674	-.49628
1.206	-4.838	.07788	-.02675	-.17252	.11363	.01365	.07634	883.01632	4.41536	-.31769
1.205	-2.546	.07684	-.02946	-.17220	.04970	.01128	.07542	882.62161	4.42818	-.15728
1.205	-.268	.07880	-.03148	-.17617	-.00759	.00754	.06418	882.76174	4.43849	-.00698
1.205	1.999	.08089	-.03240	-.18102	-.06317	.00163	.04634	882.87831	4.44490	.13277
1.205	4.255	.07687	-.03214	-.17624	-.11912	-.00441	.02889	882.75101	4.43514	.27261
	GRADIENT	.00009	-.00060	-.00072	-.02545	-.00201	-.00545	-.01211	.00248	.06470

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ026)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP	=	976.0000 IN. XT	BETA = 6.000	ELV-LI = 12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO = -5.000	ELV-RI = 12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = -5.000	
SCALE	=	.0100					

RUN NO. 102/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.174	.11545	-.03443	-.26141	.18570	.00973	.07526	862.72436	6.56882	-.50297
1.150	-4.847	.11111	-.03998	-.25856	.11522	.00583	.07589	863.09438	6.59944	-.32763
1.149	-2.551	.10726	-.04443	-.25472	.05435	.00334	.07914	862.76358	6.61509	-.16875
1.149	-.276	.10826	-.04706	-.25754	-.00495	-.00229	.08053	863.05377	6.62670	-.01939
1.149	1.996	.10732	-.04771	-.25752	-.06720	-.00943	.06845	862.76358	6.62471	.13054
	GRADIENT	-.00046	-.00113	.00001	-.02660	-.00225	-.00091	-.03084	.00384	.06683

RUN NO. 97/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.560	.12654	-.03080	-.28064	.26973	.01683	-.07502	883.29879	6.57273	-.70467
1.205	-7.190	.12019	-.03659	-.27011	.18106	.01413	.07142	882.43185	6.59913	-.49827
1.205	-4.879	.11680	-.04145	-.26602	.11066	.01107	.07404	882.62161	6.62731	-.32480
1.205	-2.560	.11389	-.04504	-.26354	.04929	.00700	.07771	882.15753	6.64051	-.16263
1.205	-.286	.11410	-.04705	-.26508	-.00939	.00292	.07275	883.00981	6.64999	-.01263
1.205	1.998	.11348	-.04767	-.26507	-.06730	-.00353	.05693	882.60217	6.64934	.13263
1.205	4.274	.11040	-.04852	-.26308	-.12440	-.00827	.03843	883.02924	6.63611	.27728
	GRADIENT	-.00058	-.00073	.00019	-.02566	-.00215	-.00402	.05492	.00116	.06558

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ027)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 120/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 055	-.12641	.03401	.29705	.17514	.01746	.00403	710.53162	-6.54177	-.55936
.899	-6.826	-.12196	.03541	.29335	.11519	.02077	.01043	710.00112	-6 58029	-.40422
.900	-4.596	-.11681	.03701	·┐28162	.06372	.02285	.01241	710.89739	-6.59297	-.26444
899	-2.387	-.11256	.03825	.27080	.00774	.02287	.01306	710.19780	-6.59290	-.12747
.900	-.175	-.11175	.04083	.26519	-.04588	.02362	.01214	710.48127	-6.59347	.00989
.899	2.024	-.10837	.04227	.25964	-.09884	.01814	-.00016	710 27550	-6.55177	14448
.900	4.254	-.11048	.04563	.26360	-.14835	00430	-.01665	710 96595	-6.54272	.28239
	GRADIENT	.00076	00096	-.00213	-.02400	-.00189	-.00323	.00986	.00640	.06176

RUN NO. 115/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-9 250	-.14284	03882	.33209	20719	02058	01615	765.93159	-6.61850	-.62104
.975	-6.969	-.12790	04013	.31211	13706	.0272¹	01932	766 71813	-6.64072	-.44196
975	-4.698	-.11662	.04069	.29405	08257	.03066	.02232	766.33399	-6.64754	-.28947
.975	-2.459	-.10587	04147	.27538	02886	02416	02286	766.65539	-6.65194	-.14301
.975	-.207	-.10393	04314	.26399	-.03121	01211	01597	767.18909	-6.63700	.00590
.975	2.020	-.10255	04498	.26260	-.08470	-.00343	.00577	767.05156	-6.63145	.14249
.975	4.253	- 10029	04662	26092	-.13856	- 01466	- 01075	767.09642	-6.59960	.28679
	GRADIENT	.00161	00069	-.00357	-.02484	-.00528	-.00372	08593	.00520	.06425

RUN NO 110/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 146	- 12594	04336	.31021	15068	.02509	.01580	862 55178	-6.68142	-.46438
1.150	-4 827	- 11558	04550	29293	.08327	.02160	.00327	863.22786	-6.69714	-.29088
1.149	-2 532	-.10947	.04789	27978	.02850	.01765	-.01041	862 84198	-6.69290	-.13644
1.149	- 254	-.11172	04919	27573	- 03000	.01063	-.02199	862 60826	-6.68460	01370
1.149	2 015	-.11336	.05002	27624	-.08680	.00320	-.03061	862.76358	-6.69028	.15893
	GRADIENT	.00020	00065	-.00238	-.02494	-.00273	-.00497	-.07146	.00258	06576

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ027)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 105/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.569	-.14269	.04122	.33795	24140	.02784	.01496	882 73510	-6.67741	-.67804
1.205	-7.192	-.12863	.04451	.31293	.14918	.02384	00407	882 50294	-6.68535	-.46589
1.205	-4 858	-.11841	.04672	.29699	.08116	.01874	-.00873	882.90850	-6.69577	-.28888
1.205	-2.553	-.11189	.04801	28360	.02548	.01521	-.01960	883 03790	-6 69186	-.13220
1.205	-.260	-.11384	.04835	27797	-.03115	00923	-.02961	882 75101	-6 67873	.01616
1.205	2.003	-.11564	04913	.27765	-.08444	.00163	-.03748	882 45332	-6 67471	.15800
1.205	4.286	-.11272	05074	.27848	-.13805	-.00800	-.04460	882 51366	-6.66618	.29890
	GRADIENT	.00034	.00040	-.00188	-.02400	-.00293	-.00392	-.06010	.00334	.06417

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ028)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 119/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.022	-.09029	.02160	.20833	18621	.01485	.00107	710.30764	-4.37618	-.56307
.899	-6.790	-.08443	02277	20131	.12506	.01848	.01080	710.27550	-4.39587	-.40608
.900	-4 581	-.07786	.02355	.18899	.07055	01957	01316	710.52250	-4.39788	-.26580
.899	-2.382	-.07336	02410	.17786	01303	01934	.01409	709.84079	-4.39570	-.12909
.899	-.179	-.07421	.02696	.17733	-.04484	.01925	.01248	709 91850	-4.39572	.01033
.899	2 032	-.07083	.02801	17109	-.10288	.01900	.00624	709 82260	-4.38601	14909
.900	4 245	-.07227	02969	.17498	-.15134	.00320	-.01296	710.81057	-4.38266	.28650
	GRADIENT	.00062	.00073	-.00158	-.02536	-.00150	-.00273	.02544	.00182	.06267

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ028)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 114/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-9 194	-.09688	.02575	.22606	.21499	.01691	.01605	765.85370	-4.42138	-.61661
.975	-6.929	-.08524	02672	21187	.14495	.02298	.01867	766.74947	-4.43748	-.44121
.975	-4.682	-.07654	02677	19743	09098	.02142	.02106	766.70172	-4.43854	-.29161
.975	-2.434	-.06907	.02710	.18042	.03874	.01674	.02162	766.50142	-4.42420	-.14788
.975	-.220	- 07011	.02848	.17609	-.01929	.00586	.01867	766 63896	-4 41510	- 00514
.975	1.999	-.06829	02884	.17264	-.07678	-.00702	.00961	766 76154	-4.40720	13462
.974	4.236	-.06381	02928	.16839	-.13580	-.01906	-.00553	766 02437	-4.39591	28366
	GRADIENT	.00118	00030	- 00296	-.02555	-.00470	-.00293	-.04925	00459	.06435

RUN NO 109/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 104	-.08197	02771	.20587	16106	.02251	02107	862.62866	-4.47615	-.46627
1.149	-4 793	-.07537	.03006	.19530	09189	.01841	01204	862.60983	-4.48881	-.29146
1.149	-2.511	-.07219	03162	18413	.03420	.01501	- 00120	862.64749	-4.47750	-.13650
1.149	-.247	-.07758	.03260	18333	-.02474	.00897	-.01359	862.37601	-4.47033	.01157
1.150	1.997	-.07808	.03266	.18178	-.08125	.00125	- 02425	863.30474	-4 44323	.15381
	GRADIENT	-.00060	00039	- 00183	-.02555	-.00254	-.00536	.07977	.00635	.06556

RUN NO 104/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.491	-.09307	02698	.22586	.24090	.02628	.01985	882 69268	-4 47665	- 66459
1.205	-7 130	-.08486	02989	21122	15650	.02194	01125	882 52238	-4.48296	-.46181
1.205	-4.811	- 07710	03089	.19926	-.08755	.01731	-.00057	882 85889	-4.47144	-.28667
1.205	-2 515	- 07390	03177	18800	.02688	.01447	- 01193	882 41241	-4.47335	-:12651
1.205	-.256	-.07865	03225	18574	-.03036	00971	- 02297	882 65377	-4.46161	.01985
1.205	2 012	- 08080	.03308	18749	-.08272	.00238	-.03254	882 64306	-4.45853	.15825
1 205	4.264	- 07789	.03407	.18659	-.13696	-.00617	-.04052	883 05072	-4 45248	.29881
	GRADIENT	-.00037	00034	- 00105	-.02464	-.00260	-.00443	02689	00232	.06420

LARC 8-T TPT /49 (IA93) OTSAT130   (SJJ029)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 118/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C(N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-8 974	-.00891	00256	.02297	.19859	.00481	-.00293	709.90941	-.02473	-.56799
.900	-6.747	-.00436	.00140	.01391	.13674	.00751	.00596	710.68702	-.01624	-.41502
.900	-4.554	-.00262	00084	.01337	.07772	.00759	01370	710.77853	-.01842	-.26712
.900	-2.374	00108	.00006	.00513	.01801	.00464	.01559	710.40357	-.00781	-.13423
.899	- 167	.00260	-.00046	-.00191	-.04167	00490	.01377	709 63493	00539	.00655
.899	2.013	.00170	.00030	-.00104	- 10377	.00405	.00919	710.05150	.00934	.14660
.899	4 220	.00125	.00057	.00038	- 15126	00253	-.00195	709 64899	.01230	.28386
	GRADIENT	.00038	-.00001	-.00147	-.02643	-.00049	-.00172	-.11911	.00358	.06304

RUN NO 113/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.161	-.00522	.00197	01943	22706	.00195	01668	766 59109	-.03780	-.62339
.975	-6.902	-.00262	.00150	.01638	.15957	00790	.01748	766.76301	-.04140	-.45018
.975	-4 648	.00192	.00034	00905	.10367	00907	.02047	766.67035	-.03392	-.29786
.975	-2.433	00567	- 00044	-.00086	04940	.00266	.02217	766.36236	-.01984	- 15541
.975	- 224	.00358	- 00029	-.00103	-.00603	-.00554	.02058	766 30106	-.01419	-.01886
.974	1 979	00243	-.00057	- 00145	-.06325	-.01430	01685	765 70285	- 01296	.12076
.974	4 212	- 00047	00053	00275	- 12631	-.02415	.00494	765.74761	- 01772	26927
	GRADIENT	-.00036	.00001	-.00059	- 02587	- 00377	-.00165	-.11313	00177	.06373

RUN NO. 108/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 151	-7 080	-.00354	.00227	.01727	17770	01991	.01537	864.15829	-.06107	- 47353
1 150	-4 776	-.00045	.00147	01175	.11011	01486	.02295	863 21425	-.05304	-.30451
1.149	-2 505	.00197	00051	.00496	04376	.01161	01771	862 41686	-.03695	-.14126
1.149	- 252	00039	00007	.00194	-.01603	00979	00301	863 18869	-.02865	.00179
1.149	2.005	-.00203	.00055	00312	-.07162	.00354	-.01113	862.56901	-.02306	.14262
	GRADIENT	-.00028	- 00014	- 00128	-.02678	-.00158	- 00517	- 05166	.00435	.06570

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ029)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

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SREF  =  2690.0000 SQ FT.    XMRP  =   976.0000 IN. XT              BETA    =      .000   ELV-LI =   12.000
LREF  =  1290.3000 INCHES    YMRP  =      .0000 IN. YT              ELV-LO  =     4.000   ELV-RI =   12.000
BREF  =  1290.3000 INCHES    ZMRP  =   400.0000 IN. ZT              ELV-RO  =     4.000
SCALE =      .0100
```

RUN NO. 103/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 425	-.00260	00240	.01679	.24699	.02465	.01552	882 56328	-.04507	-.65592
1.205	-7 077	-.00085	00246	.01533	.17006	.02044	.01894	882 75101	-.04658	-.46460
1.205	-4 779	.00220	00151	.00898	.09863	.01643	.01418	882 79852	-.03709	- 28886
1.206	-2.496	00484	00027	.00173	.03415	.01385	.00618	882 79633	-.02413	- 12849
1 205	-.253	00297	.00039	00004	-.02354	01175	-.00698	882 89984	-.01325	.01481
1.205	1.992	00018	.00058	00149	- 07471	.00686	- 01952	882 61289	-.01055	14938
1 204	4.248	-.00113	00073	00376	-.12709	-.00088	- 02991	882.90248	-.01453	28870
	GRADIENT	- 00050	-.00006	- 00048	-.02486	-.00185	- 00505	.00110	00261	06358

LARC 8FT TPT 749 (IA93) OTSAT130   ·(SJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.    XMRP  =   976 0000 IN  XT              BETA    =    4 000   ELV-LI =   12.000
LREF  =  1290.3000 INCHES    YMRP  =      0000 IN. YT              ELV-LO  =    4.000   ELV-RI =   12.000
BREF  =  1290.3000 INCHES    ZMRP  =   400.0000 IN. ZT              ELV-RO  =    4.000
SCALE =      0100
```

RUN NO. 121/ 0 ·   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
900	-9.024	.07007	-.01488	- 15313	.18932	-.00615	- 00673	710.39445	4 27133	-.56720
.899	-6.792	.06990	- 01805	- 15598	12917	- 00506	00124	709.89121	4 30881	- 41184
.899	-4.567	06941	- 02146	-.15491	07275	- 00464	.01022	709.96892	4 32204	- 26719
.899	-2.377	.06808	- 02310	- 15724	01532	- 00531	.01371	710 11524	4.34058	-.13379
.900	-.188	06880	- 02530	-.16084	-.04136	-.00623	01494	710.60932	4 35077	.00307
.900	2.008	06651	- 02544	-.15798	- 10140	-.00758	.01188	710 32587	4 34728	.14096
899	4.219	.06940	- 02664	-.16112	-.14961	-.00978	.00393	710 03753	4 33937	27795
	GRADIENT	-.00007	- 00058	-.00060	- 02557	- 00057	- 00066	.01571	.00188	.06217

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 116/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA'	CNU
975	-9 201	08194	-.01890	- 17682	21714	-.02014	.01410	766 52979	4.32372	-.62164
.976	-6 930	.07906	-.02136	-.17430	.14873	-.02011	01373	767.72965	4.34735	-.44960
975	-4.660	07508	- 02336	-.16743	.08983	- 02035	.01507	767 37575	4 36005	-.29046
975	-2 426	07450	-.02599	-.16906	.03622	- 01949	.01597	767.34442	4.37753	-.14731
975	- 217	07423	-.02804	- 17069	-.01741	-.01489	.01527	767 35939	4 38675	- 00997
.975	2 009	.06953	- 02804	- 16565	-.07637	- 01435	.01085	767.09789	4 38296	13278
.975	4.249	.06231	- 02742	-.15842	- 13621	-.01833	00393	766.95888	4.37060	.27924
GRADIENT	- 00137	- 00046	00096	-.02538	00041	- 00123	-.04857	.00119	.06379

RUN NO 111/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.111	07343	- 02043	- 16565	16878	00980	01522	862.70553	4.34943	-.47498
1 150	-4.807	07409	- 02534	- 16776	09901	00660	.01902	862.99721	4.37168	-.30241
1.149	-2.528	07419	- 02878	-.16823	03473	.00327	02566	862.86082	4.38375	-.14044
1.149	- 238	.07588	- 03058	- 17236	-.02409	-.00409	.02017	862.93770	4.39485	.00992
1.149	2 005	07573	- 03082	-.17268	-.08154	-.01068	00584	862 80124	4 39229	.15204
GRADIENT	00029	- 00080	- 00083	-.02641	-.00260	-.00197	-.02244	00322	.06661

RUN NO 106/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.489	.08009	- 01838	-.17629	.24401	.01657	01665	882.59344	4.35292	-.66703
1 205	-7.125	.07816	- 02226	- 17233	16215	.01412	01488	882 84153	4 37322	-.46447
1.205	-4.823	.07834	- 02603	- 17274	.09168	.01195	02063	882 83947	4 39020	-.29102
1 205	-2 525	.07857	- 02897	- 17448	02976	.00910	.02128	882.75968	4.40658	-.13346
1 205	- 263	07999	- 03076	- 17730	- 02542	00516	01086	882.59143	4.41281	.01260
1 205	2 026	08020	- 03115	-.17832	- 08094	-.00068	-.00301	882.70139	4.41752	15334
1 205	4 265	.07689	- 03163	-.17582	-.13600	- 00786	-.01633	882.77247	4.40921	29333
GRADIENT	-.00005	- 00059	- 00044	-.02491	-.00217	-.00432	-.00851	00216	06405

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ031)   (24 JUN 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	0100			

PARAMETRIC DATA

BETA	=	6.000	ELV-LI =	12.000
ELV-LO	=	4.000	ELV-RI =	12.000
ELV-RO	=	4.000		

RUN NO. 122/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
900	-9 065	10848	- 02619	-.23924	.18440	-.00800	-.00678	710.57283	6.41394	-.56818
900	-6.827	.10866	- 02944	- 24269	.12656	-.00791	.00188	710 82884	6 45376	-.41419
.900	-4 611	.10681	- 03307	-.24023	.07317	-.00876	.01070	710.23905	6 47657	-.27539
.899	-2.401	10658	- 03585	-.24250	.01713	- 00944	01237	710.07882	6.49697	-.13737
.899	- .196	.10795	-.03897	-.24716	-.04032	- 01105	01291	709.52494	6.51074	-.00074
.900	2.019	.10249	-.04004	-.23943	-.10056	-.01195	.01123	710.79679	6.50010	.14326
899	4 240	10522	- 04175	- 24302	-.14679	-.01155	00602	710.03753	L.48861	.27435
	GRADIENT	- 00033	- 00097	-.00011	-.02521	-.00037	- 00048	01426	.00123	.06239

RUN NO 117/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 259	.12728	- 03115	-.27705	21398	- 02684	01459	766.77346	6 48989	-.62616
.976	-6 961	.12056	- 03368	-.26865	.14410	-.02666	.01323	767.59216	6 52252	-.44868
.975	-4 702	.11424	- 03639	-.26002	.08589	-.02472	.01363	767.37575	6.54354	-.29426
.975	-2 459	.11078	- 03993	-.25809	.03273	- 02098	.01363	767.25181	6.55989	-.15096
.975	- 217	.10695	- 04179	- 25295	-.02649	- 01514	.01239	765.96036	6 56267	-.00316
975	2 014	.10003	-.04240	-.24689	- 08315	- 01373	00851	767.19053	6.55889	.13762
.975	4 250	09305	- 04313	- 23813	- 13994	- 01451	.00423	766 99027	6 53894	.28473
	GRADIENT	- 00237	- 00071	00246	- 02536	00124	-.00107	-.03722	-.00045	.06465

RUN NO 112/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 154	.11521	-.03393	-.26038	.16252	00757	01536	862.66631	6.55265	-.47714
1.149	-4.846	.11189	- 03914	-.25887	09476	.00403	01735	862.70706	6.58285	-.30761
1.149	-2.544	10897	- 04380	-.25698	.03318	00056	.02306	862 68670	6 60156	-.14566
1.149	- 261	.10942	- 04595	-.25864	-.02714	- 00576	.02403	862.68513	6.61327	.00769
1 149	2.007	.10820	- 04651	- 25854	-.08729	-.01352	.01359	862.76200	6.60880	.15452
	GRADIENT	-.00047	- 00106	-.00003	-.02655	-.00258	-.00045	.00711	00393	.06741

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ031)   (24 JUN 76)

REFERENCE DATA						PARAMETRIC DATA					

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI -   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   107/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 205	-9 551	.12670	- 03064	- 28044	.24688	.01426	.01765	882 65558	6 54217	-.67999
1.205	-7.169	.12049	- 03603	- 26999	.15986	.01209	.01415	882 49654	6.56870	-.47375
1.205	-4.842	.11723	-.04072	-.26553	.08901	.00917	.01855	882 76174	6.59254	-.29746
1.205	-2 561	.11448	-.04400	-.26297	.02957	.00462	.02418	882.59344	6.60892	-.13996
1 205	- 252	.11447	-.04554	-.26251	-.02936	-.00054	01743	882.66251	6 62030	.01232
1.205	1 994	.11400	-.04669	- 26478	-.08498	- 00664	00536	882.69268	6 61748	.15276
1.205	4 269	.11002	-.04767	-.26154	-.14107	-.01112	- 00882	882.72285	6.60397	.29644
	GRADIENT	-.00065	- 00073	00027	-.02523	-.00228	-.00323	00092	00139	.06500

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ032)   (24 JUN 76)

REFERENCE DATA						PARAMETRIC DATA					

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 145/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.598	-8.531	-.10574	03157	.25253	12440	.00374	.00046	417.06153	-6.34433	- 44823
.598	-6 428	- 10189	03279	24926	07110	.00216	- 00110	416 47145	-6 37869	-.31603
.599	-4 310	- 09811	03356	.24269	.03048	.00086	- 00276	417 81276	-6.39833	-.20450
.598	-2 183	-.09707	03487	.23642	-.01410	-.00072	- 00489	416 55622	-6.40441	-.08483
.598	- .090	-.09962	.03691	23399	- 05723	-.00158	- 00730	416 72413	-6.40738	.03075
.598	2 046	-.10044	03889	.23287	- 10231	-.00287	- 01025	416 72413	-6.40103	.14950
.598	4 137	- 10156	.04173	.23798	- 14848	-.00345	-.01350	416.46984	-6 39872	.26562
	GRADIENT	-.00049	.00096	-.00062	- 02112	-.00051	-.00127	- 11936	.00012	.05561

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 140/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.066	-.12346	.03255	.29519	.16392	.00969	-.00547	710.98422	-6.52728	-.54570
.899	-6.811	-.11926	.03430	.28985	.10330	.01283	.00268	710.04239	-6.55992	-.38785
.900	-4.601	-.11353	.03557	.27601	.05378	.01391	.00284	710.83797	-6.56675	-.25404
.900	-2.387	-.10953	.03728	.26713	-.00477	.01417	.00150	710.70084	-6.56856	-.11251
.900	-.180	-.10794	.03972	.26036	-.06311	.01425	-.00178	710.57283	-6.56370	.03059
.900	2.049	-.10431	.04168	.25353	-.12056	.01324	-.01165	710.58195	-6.54664	.16881
900	4.253	-.10742	.04460	.26068	-.16928	-.00236	-.03068	710.63227	-6.54336	.30797
GRADIENT		.00079	.00101	-.00200	-.02538	-.00151	-.00362	-.02394	.00310	.06346

RUN NO 135/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.263	-.14163	.03788	.33077	.19347	.01524	-.00723	767.08147	-6.63803	-.60560
.976	-6.979	-.12673	.03926	.31237	.12573	.02295	-.00486	767.69837	-6.66386	-.43187
.976	-4.702	-.11603	.03987	.29490	.06963	.02553	-.00125	767.63578	-6.67121	-.27584
.975	-2.449	-.10465	.04042	.27376	.01328	.01657	-.00085	766.93045	-6.66146	-.12607
.975	-.213	-.10247	.04179	.26369	-.04452	.00328	-.00406	767.00522	-6.64665	.01838
.975	2.012	-.09931	.04304	.25913	-.10024	-.01459	-.01401	767.00522	-6.64164	.15996
.975	4.257	-.09667	.04504	.25642	-.15789	-.02778	-.03873	766.82135	-6.62966	.30787
GRADIENT		.00197	.00058	-.00409	-.02541	-.00616	-.00394	-.06955	.00460	.06495

RUN NO 130/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.160	-.12552	.04272	.31028	.13951	.02188	-.00589	862.93770	-6.67974	-.45286
1.150	-4.833	-.11402	.04442	.29111	.07283	.01750	-.01767	863.28863	-6.68386	-.28057
1.150	-2.523	-.10863	.04693	.27786	.01678	.01320	-.03017	862.99721	-6.67887	-.12336
1.149	-.246	-.10929	.04736	.27213	-.04106	.00604	-.03915	862.93770	-6.67092	.02558
1.150	2.034	-.11096	.04824	.27302	-.09729	.00180	-.04688	863.46130	-6.66660	.17069
GRADIENT		.00037	.00052	-.00263	-.02484	-.00237	-.00422	.01983	.00261	.06569

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ032)   (24 JUN 76)

REFERENCE DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	= .0100				

PARAMETRIC DATA

BETA	=	-6.000	ELV-LI =	12.000
ELV-LO =		9.000	ELV-RI =	12.000
ELV-RO =		9.000		

RUN NO. 125/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.563	-.14269	.04073	.33891	.23093	.02538	=.00645	883.13921	-6.67024	-.66721
1.205	-7.192	-.12716	.04337	.31064	.13956	.02056	-.01409	883.09827	-6.67509	-.45427
1.205	-4.860	-.11667	.04532	.29449	.07125	.01602	=.02648	882.85889	=6.68414	-.27768
1.205	-2.542	-.11111	.04686	.28232	.01412	.01269	-.03700	882.88908	-6.67400	-.11898
1.205	-.258	-.11272	.04696	.27599	-.04179	.00767	-.04633	882.93869	-6.66199	.02949
1.205	2.012	-.11399	.04777	.27552	-.09361	-.00129	-.05341	882.74026	-6.65884	.16865
1.205	4.274	-.11072	.04935	.27573	-.14863	-.00922	-.05995	882.82005	-6.65274	.31042
	GRADIENT	.00040	.00039	-.00195	-.02399	=.00282	-.00365	-.00989	.00342	.06415

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ033)   (24 JUN 76)

REFERENCE DATA

SREF	= 2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	= .0100				

PARAMETRIC DATA

BETA	=	-4.000	ELV-LI =	12.000
ELV-LO =		9.000	ELV-RI =	12.000
ELV-RO =		9.000		

RUN NO. 144/ 0   RN/L = 3.15   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.598	-8.512	-.07272	.02050	.17148	.12330	.00230	.00027	416.47307	-4.21410	-.43993
.598	-6.391	-.07050	.02152	.17050	.07266	.00072	-.00092	416.97840	-4.23688	-.31261
.598	-4.298	-.06561	.02116	.16160	.03207	-.00072	-.00230	416.72898	-4.24346	-.20079
.599	-2.152	-.06418	.02199	.15610	=.00989	-.00244	-.00452	417.22778	-4.24930	-.08521
.598	-.080	-.06633	.02394	.15563	-.05189	-.00359	-.00692	416.89527	-4.24715	.02660
.598	2.034	-.06751	.02495	.15435	-.09551	-.00446	-.00980	416.38668	-4.24248	.14073
.598	4.133	-.06603	.02676	.15592	-.14270	-.00546	-.01313	416.21713	-4.23872	.26149
	GRADIENT	-.00020	.00067	-.00062	-.02067	-.00055	-.00128	-.08830	.00077	.05466

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   139/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.009	-.08758	.02008	.20616	.17383	.00708	-.00775	710.64140	-4.39680	-.54615
.900	-6.779	-.08184	.02152	.19790	.11319	.00961	.00359	710.65052	-4.41475	-.39100
.900	-4.573	-.07591	.02239	.18614	.05935	.01003	.00381	710.81057	-4.42290	-.25281
.900	-2.373	-.07529	.02452	.18357	.00071	.00961	.00118	710.93854	-4.43098	-.11447
.899	-.171	-.07179	.02594	.17515	-.05963	.00827	-.00146	710.08793	-4.42617	.02615
.900	2.037	-.06971	.02723	.16979	-.12337	.00835	-.01073	710.38534	-4.42302	.17226
.900	4.253	-.07009	.02882	.17363	-.17298	-.00488	-.02817	710.85171	-4.41940	.31235
	GRADIENT	.00083	.00071	-.00176	-.02668	-.00141	-.00344	-.02123	.00068	.06423

RUN NO.   134/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.188	-.09637	.02496	.22628	.20190	.01219	-.00783	767.14275	-4.41788	-.60235
.975	-6.919	-.08335	.02550	.20873	.13200	.01898	-.00567	767.49828	-4.42781	-.42603
.975	-4.678	-.07489	.02540	.19488	.07558	.01625	-.00346	767.32805	-4.42854	-.27317
.975	-2.435	-.06694	.02567	.17870	.02500	.01031	-.00346	766.99173	-4.42113	-.13270
.975	-.202	-.06761	.02662	.17213	-.03405	-.00250	-.00436	767.38932	-4.40562	.00988
.975	2.015	-.06607	.02678	.16950	-.09368	-.01630	-.01009	767.22045	-4.40097	.15496
.975	4.261	-.06158	.02746	.16607	-.15398	-.03199	-.03139	766.95888	-4.39166	.30470
	GRADIENT	.00123	.00023	-.00299	-.02588	-.00551	-.00280	-.02286	.00421	.06464

RUN NO.   129/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.115	-.08025	.02672	.20344	.14999	.02020	-.00214	863.26702	-4.45291	-.45334
1.150	-4.793	-.07404	.02886	.19238	.08072	.01514	-.01057	863.13351	-4.45821	-.27816
1.150	-2.489	-.07100	.03038	.18189	.02193	.01090	-.02249	863.07409	-4.45140	-.12179
1.150	-.249	-.07584	.03113	.18104	-.03617	.00493	-.03342	863.26840	-4.44233	.02390
1.149	2.015	-.07707	.03162	.18086	-.09234	-.00250	-.04187	862.86082	-4.43416	.16575
	GRADIENT	-.00061	.00040	-.00157	-.02547	-.00260	-.00463	-.02753	.00358	.06519

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                RUN NO. 124/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C(N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.492	- 09096	02610	.22275	.23057	.02450	-.00222	883.14995	-4.44346	-.65288
1.205	-7 134	- 08248	- 02841	- .20656	.14706	.01935	-.00898	882.91927	-4.44610	-.45185
1.205	-4 779	- 07487	.02922	.19449	.07708	.01480	-.01989	882.97751	-4.43860	-.27377
1.205	-2.528	- 07203	.03012	.18429	.01655	.01147	-.03054	882.77910	-4.44471	-.11539
1.205	-.261	-.07645	03071	18194	-.03974	00672	-.03957	882 82005	-4.43244	.02950
1.205	2.034	-.07820	03147	18326	-.09299	-.00014	-.04830	882.85023	-4.42705	.17112
1.205	4 293	-.07538	03249	.18324	-.14732	- 00902	-.05637	882 89115	-4.42398	.31055
	GRADIENT	-.00032	00035	- 00103	- 02459	-.00261	- 00399	-.00443	.00207	.06408

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                RUN NO. 143/ 0   RN/L =   3.14   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.468	-.00369	.00120	.01624	.13239	-.00244	.00036	417.82579	- 03554	-.44506
599	-6 372	-.00180	.00055	.01344	08237	-.00444	-.00064	417 48524	-.03326	-.31890
599	-4.282	.00074	-.00050	.00830	.03838	- 00501	-.00193	417.82579	-.03078	-.20199
599	-2 176	.00190	-.00074	.00366	- 00232	-.00732	-.00378	417 23589	-.02423	-.09191
.599	- 080	.00262	- 00118	-.00068	- 04464	- .00818	-.00599	417 22778	-.01857	.02061
.598	2 040	00128	-.00113	.00024	-.09077	- 00820	-.00888	415.95957	-.01822	.13765
.597	4 110	00028	- 00098	.00188	-.13795	- 00907	- 01250	415.70681	-.01913	.25580
	GRADIENT	- 00007	- 00006	-.00078	-.02100	- 00043	-.00125	-.26272	.00140	.05453

LARC BFT TPT 749 (IA93) OTSAT130   (SJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   .000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO.   138/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
900	-8.989	- 00574	.00117	.01990	.18689	-.00548	-.01399	710 10188	-.02517	-.55519
.900	-6.747	- 00183	00002	01222	.12614	-.00211	-.00260	710.17958	-.02043	-.40188
.901	-4.554	-.00025	- 00032	01024	.06547	-.00244	00230	711.25392	-.01723	-.25215
.900	-2 378	00225	-.00065	00406	.00648	-.00632	-.00065	710 23905	-.00979	-.12216
.900	- 156	.00421	-.00150	-.00271	-.05883	- 00816	-.00417	710 97509	00303	.02594
.900	2.014	.00347	-.00124	-.00241	-.12352	- 00868	-.01073	710.33498	.00481	.16760
.900	4.235	.00289	- 00117	-.00119	-.17277	-.00901	- 02109	710 45392	.00430	.30845
	GRADIENT	.00034	- 00010	-.00133	-.02760	-.00071	- 00259	- 06810	.00262	.06422

RUN NO 133/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.163	-.00477	00103	02057	.21409	.00101	- 00762	767.72699	-.04749	-.60806
.975	-6.907	-.00095	00031	01488	.14781	.00523	-.00748	767 37575	-.04241	-.43828
.975	-4 625	.00355	- 00087	00758	.08924	00477	-.00572	766.92898	-.03695	-.28074
975	-2 428	00710	- 00155	- 00217	.03629	-.00343	- 00472	766.89759	- 02075	-.14264
.975	- 216	.00641	- 00193	-.00496	-.02100	-.01318	-.00642	767.28173	-.01191	-.00316
.975	1 991	00388	- 00173	- 00237	-.07930	-.02410	- 00863	767 34301	-.01171	13904
975	4 222	00115	- 00070	00166	-.14136	- 03551	-.01773	766 80640	-.01748	.28565
	GRADIENT	- 00036	00001	- 00054	- 02609	- 00458	-.00127	00892	00216	.06397

RUN NO 128/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 075	- 00088	.00099	.01347	.16780	.01819	-.00741	863.11325	-.04190	-.46419
1.149	-4.764	.00222	- 00004	00812	.09837	.01278	-.00183	862.82313	-.03839	- 29047
1.150	-2.495	.00324	- 00046	.00346	.03139	.00903	- 00665	863.13211	- 02773	- 12711
1.149	-.251	.00082	-.00057	.00234	- 02950	.00639	- 01906	862.91886	- 01930	.01633
1.150	1.993	-.00064	-.00044	.00214	-.08258	- 00021	-.03124	863.15097	-.01647	.15492
	GRADIENT	-.00049	-.00006	-.00085	-.02677	-.00185	-.00447	.03428	.00330	.06572

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 123/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 205	-9 413	- 00099	00142	.01472	.23484	.02376	-.00685	882.82005	- 03522	-.64139
1 205	-7.076	.00109	.00142	.01233	.15841	.01887	-.00344	883.01848	- 03400	-.45055
1.206	-4 760	00351	.00054	.00800	08773	.01439	-.00846	883 09388	- 03037	-.27662
1.206	-2 490	.00621	-.00058	.00044	02444	.01120	-.01540	882.84592	- 01669	-.11834
1.205	- 203	.00507	-.00078	-.00309	- 03414	00876	-.02714	882.60874	-.00365	.02714
1.205	1 992	.00176	-.00043	-.00041	-.08495	.00380	- 03822	882.79852	-.00098	16164
1.205	4 242	-.00053	00027	00384	-.13612	-.00373	-.04723	883.29879	-.00687	.29760
	GRADIENT	- 00055	- 00002	- 00041	-.02478	-.00194	- 00446	01574	00280	.06353

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4 000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO. 146/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.598	-8 520	.06423	- 01656	-.13472	.12905	-.00632	-.00082	416.63937	4.18241	-.45133
598	-6.395	.06320	-.01843	- 13504	07894	-.00933	- 00221	416 72413	4.20630	-.32154
598	-4.288	.06419	-.02053	-.13790	03547	-.01063	-.00258	416.80728	4.22323	-.20379
598	-2 199	06660	-.02287	- 14407	- 00769	-.01034	- 00332	416.89365	4 23703	- 09290
598	- 083	.06967	- 02504	-.14966	-.05219	-.01034	- 00517	416 72252	4.24273	.02382
.598	2.011	06397	-.02682	- 15061	-.09672	-.01063	- 00831	416.64099	4 24200	13918
.598	4.122	.06470	- 02762	-.14493	- 14437	-.01136	- 01174	416.30030	4.23119	.26131
	GRADIENT	.00016	- 00086	- 00098	- 02134	-.00008	- 00111	-.06028	.00099	.05527

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ035) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	0100				

BETA = 4.000 ELV-LI = 12.000
ELV-LO = 9.000 ELV-RI = 12.000
ELV-RO = 9.000

RUN NO. 141/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 004	.07291	-.01663	-.15598	.17728	- 01483	-.01209	710.32587	4.28196	- 55265
.900	-6.781	.07265	-.01968	-.15948	.11785	-.01247	-.00623	710.46304	4.31496	-.39668
.900	-4 588	.07134	-.02224	-.15740	.06335	-.01297	-.00341	710.31675	4.32832	-.25951
900	-2 381	07130	-.02457	-.16159	.00217	-.01500	-.00282	710.35321	4.34853	-.12047
.900	- 185	07018	- 02647	- 16185	-.05969	-.01643	-.00536	710.48127	4 35286	.02381
.900	2.030	06712	-.02704	- 15793	-.12549	-.01844	-.00872	710 60020	4 35173	.17035
.900	4.234	07055	- 02813	- 16315	-.17401	-.01836	- 01523	710.64140	4.34505	.30871
	GRADIENT	- 00025	- 00065	-.00036	-.02731	-.00064	-.00134	.04064	00166	06471

RUN NO 136/ 0 RN/L = 4 08 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 192	.08373	- 02023	-.17830	.20389	-.02138	- 00863	767 03660	4.31712	-.60673
.975	-6 925	.07933	- 02235	-.17270	13518	-.02349	- 00889	766 97532	4.33732	-.43247
.975	-4 686	.07770	-.02486	-.17056	.07830	- 02518	-.00858	767 58949	4.35515	-.27942
.975	-2.437	07535	- 02685	-.16856	.02288	- 02574	-.00923	767 20549	4 36375	-.13286
.975	- 218	07631	- 02919	- 17329	- 03158	-.02107	-.01110	766 92898	4.37651	.00463
975	2 019	07041	-.02852	-.16592	-.09202	- 02247	- 01692	766.86769	4.37088	.14975
975	4.243	06381	- 02851	- 15982	- 15458	-.02769	-.02530	767.11429	4.36211	.30009
	GRADIENT	- 00147	-.00040	00108	- 02602	-.00008	-.00184	-.05779	.00094	.06461

RUN NO 131/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 110	07480	- 02166	-.16666	.15745	.00868	- 00749	863.19013	4 33833	- 46122
1.150	-4 783	07452	- 02614	-.16640	.08652	.00465	-.00473	863.42352	4.35772	-.28670
1.150	-2 515	.07537	- 02960	-.16851	.02489	.00118	.00027	862 97834	4 37104	- 13126
1 149	-.222	07730	- 03129	- 17362	- 03492	-.00673	-.00500	863.03492	4 38198	02132
1.149	1 998	.07712	-.03140	-.17411	-.09085	-.01352	- 01696	862 91886	4 39308	.16081
	GRADIENT	.00043	-.00077	-.00125	-.02615	-.00276	-.00185	-.06441	00385	.06606

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA = 4.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-LO = 9.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 9.000
SCALE = .0100

RUN NO. 126/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 495	.07947	- 01918	-.17498	23230	.01643	-.00580	882.69268	4.33102	-.65223
1 205	-7 145	.07954	- 02321	-.17309	.15372	.01371	- 00724	882.86966	4.34778	- 45760
1 205	-4 820	07891	-.02656	-.17289	08323	.01038	-.00248	883.15651	4.36519	- 28285
1.205	-2.540	07875	-.02927	-.17372	02029	.00713	-.00283	883 00771	4.38093	-.12383
1.205	-.250	08006	- 03088	-.17671	- 03648	.00278	-.01187	882.78987	4.39104	.02657
1.205	2.012	.08035	- 03147	- 17823	- 08942	-.00407	- 02400	882.80062	4.39275	.16256
1.205	4.262	.07658	- 03184	-.17517	- 14523	-.01058	-.03561	882.64306	4 38400	30359
	GRADIENT	- 00013	- 00056	-.00040	- 02495	-.00234	-.00385	-.05435	.00218	.06424

LARC 8FT TPT 749 (IA93) QTSATI30   (SJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN XT   BETA = 6.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP = 0000 IN. YT   ELV-LO = 9.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN ZT   ELV-RO = 9.000
SCALE = .0100

RUN NO. 147/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
598	-8.531	.09117	- 02468	-.19973	12885	-.00919	-.00156	416.80566	6 25000	- 45350
.598	-6.418	.09325	- 02795	-.20470	.07639	-.01020	- 00249	416 47307	6 28591	-.32084
.598	-4.324	.09581	-.03112	-.21095	.03538	-.01091	- 00304	416.97516	6.31255	- 21320
.599	-2.184	.09764	- 03413	-.21563	-.01237	-.01176	- 00359	417 22129	6 33083	-.08777
.598	-.094	.10088	- 03675	-.22165	-.05627	-.01163	-.00508	416 72413	6.33606	02645
.598	2 031	.10130	-.03916	-.22274	- 10309	-.01249	- 00840	416.97840	6 33621	14595
.598	4 157	09935	- 04183	-.21986	-.15055	-.01307	- 01164	416.72575	6 32105	.26646
	GRADIENT	.00051	- 00125	-.00118	- 02184	- 00024	- 00104	- 03490	.00106	.05634

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 142/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C(N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.053	.11130	-.02808	-.24277	.17236	-.01617	-.01208	710.77853	6.41925	-.55200
.900	-6.829	10944	-.03040	-.24271	.11614	-.01491	- 00677	710.29852	6.45694	-.40245
.900	-4 589	.10665	-.03361	-.23930	.06118	-.01617	-.00455	710.39445	6.48210	-.25992
.900	-2 399	.10822	-.03712	-.24468	.00542	-.01693	-.00401	710.56370	6.50469	-.12671
.900	- 196	.10678	-.03964	-.24355	-.05665	-.01886	-.00607	710.69171	6.51169	.01719
.900	2 044	.10341	-.04208	-.24093	-.12195	-.01995	-.00910	710.99795	6 50747	.16678
.900	4 281	.10506	- 04296	-.24231	-.16953	-.01920	-.01301	710.58195	6.49425	.30174
	GRADIENT	-.00036	- 00107	-.00010	-.02654	-.00041	-.00099	03634	.00120	.06387

RUN NO 137/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 259	.12787	- 03230	-.27593	.20072	-.02786	- 00944	766.89907	6 46556	-.61111
.975	-6.953	.12217	-.03500	-.26910	.13166	-.02988	-.01059	767.16060	6 49841	-.43570
976	-4.691	.11563	- 03765	-.26056	.07207	- 02931	-.01078	767.77328	6 52140	-.27844
.975	-2.457	.11125	- 04099	-.25640	01786	-.02628	-.01079	767.37436	6 53734	-.13360
.975	- 214	.10756	- 04233	-.25214	-.04205	- 02075	- 01365	767.25037	6 53983	.01495
.975	2.014	.10119	- 04310	-.24888	-.09891	-.02014	- 01984	766.76005	6.54002	.15409
.975	4 252	09442	-.04424	-.23861	-.15807	-.02270	-.0248¹	767.03512	6 51746	.30429
	GRADIENT	- 00235	- 00068	.00230	-.02581	00087	-.00166	-.09350	- 00023	.06500

RUN NO. 132/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.161	.11775	-.03529	-.26407	15255	00653	-.00754	862 91886	6.56024	-.46770
1.150	-4.842	11331	-.04018	-.26013	08330	.00208	-.00620	863 17263	6.58595	-.29271
1.150	-2.546	.10909	-.04423	-.25623	02340	-.00159	- 00134	863.22927	6.60345	-.13463
1.149	-.252	.11037	-.04638	-.25887	-.03789	- 00839	- 00187	862.95804	6.61467	01974
1.149	2 017	10833	- 04663	-.25840	- 09853	- 01644	-.01093	862.95804	6.61102	16707
	GRADIENT	- 00060	- 00094	.00011	-.02653	- 00273	- 00064	-.04002	.00378	.06706

DATE 29 OCT 76   TABULATED SOURCE DATA - 1A93.

LARC 8FT TPT 749 (1A93) OTSAT130

REFERENCE DATA

PARAMETRIC DATA

BETA =	6.000	ELV-LI =	12.000
ELV-LO =	9.000	ELV-RI =	12.000
ELV-RO =	9.000		

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	
SCALE = .0100		

RUN NO. 127/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.546	.12886	-.03220	-.28355	.23440	.01426	-.00510	882.50489	6.60514	-.66420
1.205	-7.182	.12182	-.03697	-.27234	.14998	.01167	-.00763	883.00981	6.62999	-.46271
1.205	-4.856	.11886	-.04166	-.26886	.07987	.00781	-.00401	882.65178	6.65570	-.28765
1.205	-2.544	.11601	-.04475	-.26637	.01973	.00251	.00035	882.80062	6.67308	-.12953
1.205	-.267	.11618	-.04663	-.26754	-.03870	-.00264	-.00558	882.81136	6.68327	.02155
1.205	2.004	.11561	-.04782	-.26955	-.09557	-.00990	-.01667	882.57399	6.68483	.16477
1.205	4.278	.11094	-.04840	-.26413	-.15036	-.01417	-.02863	882.62361	6.66698	.30684
	GRADIENT	-.00071	-.00073	.00028	-.02524	-.00247	-.00290	-.01233	.00151	.06501

LARC 8FT TPT 749 (1A93) OTSAT130

REFERENCE DATA

PARAMETRIC DATA

BETA =	-6.000	ELV-LI =	12.000
ELV-LO =	14.000	ELV-RI =	12.000
ELV-RO =	14.000		

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	
SCALE = .0100		

RUN NO. 155/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.049	-.12310	.03346	.29404	.14942	-.00017	-.02614	710.18869	-6.52104	-.52635
.900	-6.777	-.11924	.03569	.28838	.08768	.00160	-.02509	710.75114	-6.55436	-.36760
.900	-4.586	-.11426	.03757	.27738	.03689	.00245	-.02889	710.73287	-6.56502	-.09350
.899	-2.384	-.10953	.03886	.26638	-.02068	.00202	-.03152	710.06972	-6.56536	.05272
.900	-.156	-.10784	.04162	.26015	-.08216	.00278	-.03377	710.57283	-6.55698	.19900
.900	2.063	-.10341	.04374	.25165	-.14404	-.00648	-.04066	710.43568	-6.54084	.33475
.900	4.283	-.10647	.04635	.25915	-.19103	-.00079	-.05149	710.65965	-6.53932	.06438
	GRADIENT	.00098	.00101	-.00231	-.02611	-.00245	.01002	.00342		

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ037) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	BETA =	-6.000	ELV-LI =	12.000
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	14.000	
SCALE	=	.0100					

RUN NO. 150/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.976	-9.225	-.14315	.03959	.33252	.17942	.00328	-.03957	767 91209	-6.60829	-.58539
.976	-6 945	-.12723	04062	.31056	.10822	.00273	-.03816	768 06457	-6.62837	-.40655
976	-4 661	-.11752	04164	.29567	05276	.00187	-.03427	767 74332	-6.63823	-.25266
.975	-2 433	-.10655	.04258	.27640	- 00276	-.01263	-.03617	767.77192	-6.63403	- 10542
.975	- 181	-.10290	.04314	26165	-.06338	-.03088	-.04231	767.45060	-6.60901	.04325
.975	2.043	-.10037	04484	.25844	- 12175	-.04241	-.05866	767 55677	-6.60063	.18693
.975	4.294	-.09715	04708	25684	- 18135	-.04225	-.07412	767 57173	-6.59030	.33898
	GRADIENT	.00210	00059	-.00427	- 02623	- 00527	- 00457	-.02497	00578	.06591

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ038) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP	=	976 0000 IN. XT	BETA =	-4.000	ELV-LI =	12 000
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	ELV-LO =	14 000	ELV-RI =	12.000
BREF	=	1290 3000 INCHES	ZMRP	=	400 0000 IN ZT	ELV-RO =	14.000	
SCALE	=	.0100					

RUN NO. 154/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8 986	-.08713	02097	.20354	.16044	-.00539	-.02893	710 94768	-4 36341	-.52852
.900	-6 769	-.08254	02312	.19974	.09836	- 00421	- 02698	710.91566	-4 38725	- 37395
.900	-4 547	-.07745	.02454	.18816	.04229	-.00412	-.03024	710 81970	-4.38894	- 23120
.900	-2 359	-.07441	02566	18034	-.01669	-.00488	-.03344	710.60020	-4.38798	-.09349
.899	- 128	-.07161	.02747	.17283	- 08044	-.00497	-.03587	709 77217	-4.38063	.05378
900	2.063	- 06727	02839	16551	-.14436	-.00539	-.04137	710 32587	-4 37054	19712
900	4 273	- 06861	03017	.17059	-.19667	-.01002	- 04959	710 65965	-4 36965	.34108
	GRADIENT	00112	00063	- 00226	-.02745	-.00056	- 90211	- 02710	00254	.06505

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ038)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA   = -4.000   ELV-LI = 12.000
ELV-LO = 14.000   ELV-RI = 12.000
ELV-RO = 14 000

RUN NO   149/ 0.   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 184	- 09779	02634	.22771	.18690	00258	-.04140	767 50901	-4.425l2'	-.58330
976	-6 895	-.08563	.02717	21164	.11680	00218	- 03971	768.17334	-4.43603	-.40642
.976	-4 650	-.07742	.02724	19724	.05837	-.00405	- 03797	767 92708	-4 43699	-.25067
.975	-2.418	-.06889	.02736	.18018	.00774	- 01707	- 03828	767.69428	-4.42448	-.11090
.975	-.186	-.06990	.02870	.17517	-.05564	- 03570	- 04400	767 63441	-4 41579	.03929
.975	2.046	-.06834	02903	.17177	-.11527	-.04857	- 05721	767.46414	-4.40932	.18186
.975	4.294	-.06401	03002	.16838	-.17668	- 04989	- 06934	767 64797	-4.402cJ	33321
	GRADIENT	.00122	00032	-.00296	-.02654	-.00551	- 00365	- 03523	.00373	06534

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ039)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA   = .000   ELV-LI = 12.000
ELV-LO = 14.000   ELV-RI = 12.000
ELV-RO = 14.000

PUN NO. 153/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8.970	-.00763	.00225	.02168	.17618	-.01584	- 03470	710 29852	-.04580	-.54181
.900	-6.748	-.00372	.00167	01416	.11279	- 01532	- 03170	710.76940	- 03743	- 38585
.900	-4.530	- 00186	00173	.01221	04715	- 01718	- 03405	710.45392	-.03793	-.23034
.899	-2.350	00120	00127	00449	-.01323	- 02125	-.03739	709 76308	-.03039	-.09745
.900	- 145	00264	00054	-.00115	-.08040	- 02231	-.04189	710 76940	-.02007	.05385
.900	2 059	.00129	00119	.00008	- 14686	- 02123	- 04582	710 26639	-.02014	.19884
900	4 269	.00185	00120	-.00101	-.19795	- 01945	-.04986	710.70084	- 01883	.34021
	GRADIENT	.00034	-.00005	-.00140	-.02835	-.00020	-.00182	04546	.00220	.06532

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ039)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   148/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 145	- 00594	.00226	.02119	.19925	-.00109	-.04151	767.45060	-.03633	-.58814
.976	-6 874	-.00302	.00189	.01723	.13021	-.00288	-.04193	768.00199	-.03542	-.41310
.976	-4 634	.00266	00039	00743	.07300	- 01153	-.04253	767.95705	-.02350	-.26180
.975	-2.406	.00412	00040	00155	01725	- 02510	-.04245	767.63301	-.01195	-.11673
.975	-.189	.00259	.00014	.00016	-.04276	-.04123	-.04315	767.74059	-.00359	.02666
.975	2.045	.00129	.00018	-.00047	-.10067	-.05536	-.05215	767.44918	.00157	.16724
.975	4 258	-.00055	.00106	.00141	-.16562	-.06274	-.06582	767.75556	-.00007	.31707
	GRADIENT	-.00042	.00005	-.00063	-.02677	- 00597	-.00253	-.02645	.00272	.06484

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ040)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   156/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.006	.07223	- 01511	-.15519	.16627	-.02391	-.03507	710.64140	4.25715	-.53903
.899	-6.770	.06963	-.01714	-.15507	10421	- 02325	- 03281	710.27550	4 28465	-.38031
900	-4.559	.06993	-.02012	- 15594	.04564	- 02434	-.03508	710.44480	4 30339	- 23581
.900	-2.366	06814	-.02184	-.15627	-.01509	- 02441	-.03739	710.76027	4.31852	-.09901
.899	- 144	06834	-.02431	-.15941	-.08078	- 02436	-.04053	709.86391	4.32720	.05114
899	2.056	06585	-.02526	-.15805	-.14442	-.02613	-.04410	710.01022	4.32730	.19337
.899	4.291	.06610	- 02608	-.15772	-.19966	- 02645	-.04821	710.22513	4.31584	.34234
	GRADIENT	-.00045	- 00069	-.00024	-.02802	-.00027	- 00149	-.05377	.00152	.06549

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ040)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 151/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 192	08118	-.01867	- 17555	19166	-.02932	-.04408	767.24890	4 28955	-.59198
.976	-6.914	.07717	-.02091	-.16987	.12241	-.03466	-.04503	768.17334	4.31106	-.41614
.976	-4.664	07583	-.02322	- 16806	.06312	- 03911	- 04508	768.11083	4.32777	-.26125
.975	-2 399	07453	-.02553	-.16836	.00544	-.04365	-.04927	767.68070	4.34149	- 11050
975	-.196	.07295	-.02686	- 16849	-.05151	-.04248	-.05539	767.64938	4.34671	.03092
.976	2.040	06732	- 02623	-.16291	- 11332	-.04411	-.06451	767 87947	4.34470	.17641
.975	4.276	06025	-.02627	-.15601	-.17664	-.04949	- 07274	767.80186	4.33280	.32845
	GRADIENT	-.00172	- 00030	00132	-.02681	-.00095	- 00316	-.01889	00060	.06570

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ041)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 157/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.048	.10864	-.02571	-.23898	.16204	-.02560	-.03687	710.42655	6.38964	-.54160
.900	-6 808	.10771	- 02835	-.24073	10253	-.02450	-.03365	710.76027	6.42879	-.38564
.900	-4.601	.10632	- 03190	- 23973	.04595	-.02527	-.03540	710.47688	6.45372	-.24353
.900	-2.393	.10734	-.03524	-.24324	-.01264	-.02333	-.03644	710.37622	6 47538	-.10461
.900	-.160	.10388	-.03737	-.23873	- 07973	-.02443	-.03969	710.44480	6.47684	.04822
.900	2.054	.10035	- 03983	- 23669	-.14387	-.02586	-.04300	710.34410	6.47498	19401
.900	4.285	10088	-.04101	-.23742	-.19378	-.02561	-.04636	710.53498	6.46274	.33268
	GRADIENT	-.00080	-.00103	.00050	- 02748	-.00014	-.00128	-.01420	.00079	.06531

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ041)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RUN NO. 152/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.976	-9.229	.12753	-.03127	-.27633	.18816	-.04312	-.04671	767.77328	6.46510	-.59514
.976	-6.954	.12084	-.03360	-.26814	.11839	-.03841	-.04854	768.07955	6.49626	-.42005
.976	-4.655	.11415	-.03626	-.25899	.05723	-.04169	-.04785	767.84951	6.51501	-.25907
.975	-2.440	.10941	-.03918	-.25405	.00181	-.04318	-.05107	767.72699	6.52870	-.11305
.975	-.196	.10576	-.04067	-.25144	-.06030	-.03991	-.05850	767.68070	6.53488	.03778
.975	2.030	.09809	-.04076	-.24491	-.11857	-.03976	-.06359	767.46414	6.53127	.17711
.976	4.281	.09145	-.04226	-.23643	-.17906	-.04301	-.07007	767.92575	6.51349	.33017
	GRADIENT	-.00254	-.00061	.00243	-.02654	.00003	-.00255	-.00494	-.00003	.06574

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ042)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI	=	8.000
ELV-LO	=	14.000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RUN NO. 165/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.027	-.12463	.03307	.29506	.16003	.01907	-.01595	710.10188	-6 51178	-.53905
.900	-6.801	-.12040	.03522	.28924	.09960	.02042	-.01568	710.16135	-6 54337	-.38451
.899	-4.581	-.11483	.03680	.27667	.04654	.02197	-.02085	709.29179	-6 54964	-.24410
.899	-2.372	-.11148	.03869	.26931	-.01112	.02237	-.02365	710.11099	-6.55385	-.10497
.900	-.150	-.10936	.04134	.26184	-.07229	.01939	-.02617	710.87912	-6 54885	.04275
.900	2.074	-.10603	.04386	.25559	-.13354	.01882	-.03330	710.27116	-6 54034	.18626
.900	4.296	-.10875	.04621	.26259	-.18043	.01561	-.04626	710.37622	-6.53208	.32278
	GRADIENT	.00079	.00108	-.00189	-.02596	-.00073	-.00272	.10478	.00219	.06419

LARC 8FT TPT /49 (IA93) OTSATI30   (SJJ042)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO   160/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 237	-.14455	.03969	.33296	.19076	.01875	-.03384	767 24890	-6.59080	-.60101
.976	-6 951	-.12963	.04101	31408	.12095	.01365	-.03250	768.11210	-6.61435	-.42427
.976	-4.679	-.11782	.04149	29457	.06519	.01022	-.02840	767.86583	-6 62184	-.27078
.975	-2.437	-.10654	04203	.27334	.00996	.01250	- 03057	767.32945	-6 61152	-.12217
975	-.198	-.10469	.04321	.26462	-.04877	.00523	- 03186	767 75694	-6.60127	.02444
.975	2.046	-.10115	.04415	.25895	-.10518	-.00655	- 04458	767.34301	-6 58590	.16591
.975	4 275	-.09727	04626	.25576	-.16459	-.01349	- 06361	767 31165	-6.57551	.31737
	GRADIENT	.00208	00052	-.00411	-.02567	- 00297	-.00377	-.04891	.00528	.06540

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ043)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO.   164/ 0   RN/L =   3.97/   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8.973	-.08778	02055	20481	.16962	.01257	-.01817	710.35798	-4 35820	-.54040
.900	-6.768	- 08230	.02248	.19746	10932	01493	-.01616	710.45392	-4.37604	-.38786
900	-4.556	- 07792	.02391	.18906	.05290	01595	-.02197	710 17958	-4.38300	-.24475
.900	-2 357	- 07613	02543	.18278	-.00748	.01755	-.02554	710 42655	-4 38423	-.10495
.899	- 141	- 07273	02698	.17442	-.06884	.01595	-.02854	710.05150	-4 37736	.03839
899	2 073	- 06864	02832	16726	- 13736	01174	- 03370	709 89609	-4 36587	.19112
900	4.270	-.06953	02946	17113	-.18475	.01316	-.04349	710 43568	-4 36131	.32516
	GRADIENT	00110	.00063	- 00233	-.02741	-.00052	-.00232	-.00093	.00280	.06503

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ043)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	8.000
ELV-LO	=	14.000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RUN NO. 159/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.193	-.09847	.02617	.22777	.20124	.01796	-.03554	767.46414	-4.40592	-.60334
.976	-6.910	-.08571	.02711	.21079	.12925	.00890	-.03392	767.66840	-4.41664	-.42356
.976	-4.643	-.07765	.02732	.19627	.07049	.00234	-.03246	767.75830	-4.41625	-.26627
.975	-2.417	-.07072	.02778	.18201	.01813	.00796	-.03298	767.54320	-4.40999	-.12298
.975	-.173	-.07116	.02868	.17670	-.04043	.00469	-.03469	767.46556	-4.40071	.01944
.975	2.048	-.06894	.02845	.17222	-.09900	-.00920	-.04216	767.51187	-4.39110	.16074
.975	4.264	-.06388	.02935	.16769	-.15955	-.02083	-.05869	767.34157	-4.38157	.31048
	GRADIENT	.00132	.00021	-.00301	-.02591	-.00285	-.00276	-.03882	.00396	.06451

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ044)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	8.000
ELV-LO	=	14.000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RUN NO. 163/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.899	-8.980	-.00701	.00210	.02034	.18516	-.00582	-.02642	709.98712	-.02781	-.55461
.900	-6.738	-.00322	.00161	.01340	.12175	-.00194	-.02266	710.63227	-.02137	-.39849
.900	-4.529	-.00075	.00133	.00973	.05627	-.00093	-.02582	710.30764	-.01723	-.24279
.900	-2.337	.00097	.00123	.00506	-.00491	-.00312	-.03020	710.53632	-.01262	-.10800
.899	-.136	.00277	.00028	-.00174	-.07016	-.00270	-.03446	709.79530	-.00048	.03946
.900	2.047	.00130	.00086	.00029	-.13462	-.00261	-.03890	710.10188	-.00101	.18309
.899	4.247	.00154	.00107	.00038	-.18548	.00152	-.04240	709.59956	-.00369	.32428
	GRADIENT	.00022	-.00005	-.00107	-.02795	.00025	-.00191	-.08452	.00176	.06497

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ044)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA = .000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO = 14.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO = 14.000	
SCALE = 0100				

RUN NO. 158/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.976	-9 135	-.00718	00255	.02298	.20853	.00601	-.03703	767 85084	-.04383	-.59956
975	-6.880	-.00263	.00163	.01653	.14185	-.00281	-.03754	767 51187	-.03869	-.42986
.975	-4.623	.00133	.00070	.00933	.08233	-.00975	-.03781	767 23684	-.03029	-.27368
.975	-2.397	00458	.00014	00086	02669	-.01123	- 03805	767 45060	- 01746	-.12960
975	-.202	.00337	-.00030	- 00051	- 02707	-.00499	-.03877	767.09789	-.00981	.00371
.975	2.025	.00208	- 00029	- 00148	-.08776	-.01325	- 04245	767.72562	-.00700	.15223
.975	4.243	-.00154	00112	00429	-.14904	-.02996	-.05167	767 20404	- 01291	.29688
	GRADIENT	-.00037	00002	- 00056	-.02605	-.00192	-.00145	00953	.00204	06423

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ045)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT	BETA = 4 000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN. YT	ELV-LO = 14 000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO = 14 000	
SCALE = .0100				

RUN NO 166/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8 998	.07219	- 01474	-.15596	.17270	- 01905	-.03054	710.18869	4.27563	-.54593
.900	-6 763	.07125	- 01741	- 15836	.11148	-.01256	-.02831	710.25728	4.30761	-.38810
.900	-4.554	.06979	-.01985	- 15563	05329	- 01062	-.02988	710.37622	4 31689	-.24506
.899	-2 367	.07121	- 02262	-.16201	- 00503	- 01189	-.03196	709.90520	4.33866	-.11266
.899	- 157	.06860	-.02419	-.15926	-.06949	- 01273	-.03647	709.87301	4.34136	.03536
899	2 039	.06653	-.02536	- 15829	-.13580	-.01476	-.04049	709.76800	4.34043	.18280
.900	4 258	.06786	- 02610	- 16018	- 18440	-.01407	-.04376	710.49513	4.33194	.31937
	GRADIENT	-.00039	-.00069	- 00024	-.02751	-.00044	-.00165	00477	.00144	.06465

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ045)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RUN NO. 161/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.180	08132	-.01887	-.17586	.20073	-.00663	-.03678	767 68070	4.30706	-.60265
.976	-6.918	07817	-.02125	- 17196	.13347	-.01388	-.03689	767.75962	4.33059	-.43145
976	-4 662	.07685	-.02368	-.17049	.07370	-.01871	-.03472	767 75962	4.34611	-.27393
.976	-2.420	07655	-.02600	-.16903	01943	- 02307	-.03447	767 80323	4.35694	- 13114
975	-.199	.07470	-.02773	-.17064	- 03873	- 02433	-.03881	767 37436	4.36505	.01468
975	2.025	.06860	- 02679	-.16534	- 09897	- 03151	- 05100	767.45060	4 36152	15803
.975	4.261	.06060	- 02631	-.15671	-.16183	- 03705	-.06352	767.25037	4 35060	.30960
	GRADIENT	-.00177	- 00027	.00140	- 02644	- 00202	- 00332	-.06149	00061	06533

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ046)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO 167/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 039	10925	- 02548	- 24014	.16860	-.02459	-.03280	710.62314	6 41387	-.54730
.899	-6 806	10863	- 02819	-.24202	11124	-.01467	- 02908	709.97380	6 45330	-.39723
.900	-4.587	.10753	- 03182	-.24102	.05424	-.01222	- 03032	710 15223	6 47810	-.25344
900	-2 369	10850	- 03543	- 24450	-.00380	-.01322	- 03203	710 70084	6 49908	- 11437
900	- 145	.10797	- 03844	- 24644	-.06802	-.01491	- 03612	710 39918	6 50956	03143
.900	2.057	.10192	- 03995	-.23848	-.13364	-.01618	- 03965	710 17958	6.49869	18239
.900	4.286	10272	- 04067	-.23971	-.18051	-.01508	- 04316	710 44480	6.48606	31801
	GRADIENT	-.00073	- 00100	00039	- 02703	-.00039	- 00150	00293	00070	.06493

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ046)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 162/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.236	.12754	- 03141	-.27671	.19839	-.00866	-.03900	767 52684	6.47917	-.60739
.976	-6.950	12130	-.03388	-.26890	.12798	-.01831	-.03917	768 12835	6.51075	-.43025
.976	-4 694	.11621	-.03685	-.26266	.07008	-.02534	- 03558	767.65210	6.53244	-.27780
.976	-2.448	.11220	-.04025	-.25832	.01445	-.02986	-.03412	767.69206	6 54747	-.13119
.975	-.202	.10788	-.04146	- 25354	-.04753	- 03119	-.04226	767.65076	6.55111	.02025
.975	2.031	.09875	- 04091	- 24548	- 10659	-.03268	- 05431	767 48053	6 54696	.16337
.975	4.277	.09239	- 04231	-.23757	- 16514	-.03424	- 06191	767 29669	6 52550	.31253
	GRADIENT	-.00272	-.00052	.00281	-.02638	-.00092	- 00325	-.04068	-.00064	.06580

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ047)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   4 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 185/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 051	-.12757	03355	:29838	.18010	.03109	.00895	711.36355	-6.51665	-.56651
.900	-6 830	-.12234	03489	29273	11932	.03035	01373	710.92011	6 55128	-.40940
.900	-4 587	-.11646	.03627	.28037	06538	03009	.01442	711.16701	-6 56467	-.26692
900	-2.389	- 11396	.03794	.27288	00982	02941	01694	711.17614	-6.57275	-.13007
901	- 180	- 11237	.04005	.26624	- 04162	03023	.01708	711 78846	-6 57164	.00397
.900	2.022	- 11033	04111	.26232	- 08921	.03033	.00724	711.26297	-6.56487	.13104
.901	4 256	- 11203	.04485	.26618	-.13881	.02804	-.00844	711.76568	-6 55934	.27030
	GRADIENT	00056	00092	- 00176	-.02296	-.00014	- 00251	.05818	00084	.06044

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ047)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA =	-6.000	ELV-LI = 8.000
ELV-LO =	4.000	ELV-RI = 8.000
ELV-RO =	4.000	

RUN NO. 180/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 260	- 14321	.03814	.33177	.21559	.02305	.02331	766.98726	-6.58817	-.63197
.976	-6.969	-.12804	03942	31099	.14447	.01811	02503	767.60582	-6.61199	- 45265
.975	-4 708	-.11802	.04088	.29553	08861	.01312	.02623	767 34442	-6.62412	- 29860
975	-2.442	-.10679	.04157	.27588	03271	.01179	02563	767 52823	-6 61799	-.14743
.974	- 202	-.10444	.04274	.26419	- 02526	.01407	.01949	766 54316	-6.59812	-.00164
.975	2 013	-.10205	04418	26056	-.07656	01851	01033	767.28173	-6.58582	.13262
.975	4 252	-.10303	04601	.26402	-.12578	02475	- 00281	767.60447	-6.58111	.27177
	GRADIENT	.00155	00057	- 00351	-.02405	00134	-.00328	01201	00528	.06350

RUN NO 175/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.152	-.12643	04264	.31085	.16077	.07546	.02115	863.34529	-6.66518	- 47875
1.150	-4.819	-.11462	04451	.29107	09388	.07033	.00843	863 23193	-6.67019	-.30430
1.150	-2.534	-.10901	04712	.27939	.03876	.06533	-.00567	863 21174	-6 66554	- 14939
1.150	-.254	-.11064	04804	.27309	-.02082	.05434	- 01691	863.55840	-6.65204	.00233
1.150	2.011	-.11237	04903	27439	-.07609	.04152	- 02669	863.24952	-6.64730	.14472
	GRADIENT	.00023	00064	- 00248	-.02501	-.00428	-.00512	01761	.00361	.06582

RUN NO. 170/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 557	- 14333	04056	33819	.25064	.07878	.02089	883.23315	-6 65974	-.68873
1.205	-7.177	-.12878	04383	.31223	.15868	.07289	00876	883.14123	-6 66348	-.47594
1.205	-4 829	-.11818	04604	29727	.09086	06658	-.00454	883 13921	-6 67922	-.30101
1.205	-2.530	-.11151	04713	28313	03424	.06100	- 01501	883 23843	-6 66928	- 14224
1.205	- 259	-.11393	04763	.27814	-.02235	.05259	-.02543	883 28804	-6 65782	.00547
1.205	2 014	-.11546	04860	.27686	-.07521	.04276	-.03490	883 01183	-6 64671	.14680
1 205	4 289	-.11174	04989	.27582	-.12961	.02959	-.04101	883.14123	-6.63830	.28915
	GRADIENT	.00039	00040	-.00216	-.02416	- 00405	- 00408	-.00974	.00458	.06451

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ048)   (24 JUN 76)

REFERENCE DATA

						PARAMETRIC DATA			

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA = −4.000   ELV-LI = 8.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-LO = 4.000   ELV-RI = 8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE = .0100

RUN NO. 184/ 0   RN/L = 3.97   GRADIENT INTERVAL = −5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 011	-.08793	.02030	.20351	.19220	.02991	.00590	711.24930	-4.34179	-.57176
.900	-6.772	-.08298	.02194	.19860	.12735	.02916	.01286	711.19440	-4.36410	-.40932
.900	-4.558	-.07654	02272	.18610	.07097	.02814	.01404	711.45493	-4 36634	-.26529
.900	-2.377	-.07582	.02418	.18215	01534	.02737	.01730	711.56920	-4 37039	-.13301
.901	- 178	-.07236	.02533	.17271	-.03931	.02644	.01677	711.63309	-4.35943	.00195
901	2 015	-.07230	02603	.17313	- 08990	.02947	.01093	711 75653	-4.35680	.13076
.900	4 235	-.07219	02831	.17430	-.14329	02561	-.00590	711 36355	-4.35122	.27513
	GRADIENT	.00056	00059	-.00148	-.02429	- 00014	-.00211	.00009	00200	.06118

RUN NO 179/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.209	-.09751	02500	22597	.22371	.02336	02326	767.14275	-4 38505	-.62993
.976	-6 939	- 08495	02606	.20963	.15239	.01421	.02478	767.59084	-4.39573	-.45180
.975	-4 573	- 07559	02608	19418	.09560	00773	.02612	767 54320	-4.39783	-.29624
.975	-2.439	-.06843	02650	17921	04440	.00726	.02599	767.25181	-4 38839	-.15468
.975	-.220	-.06932	02756	.17400	- 01274	.01203	.02256	767.23395	-4 37541	-.01520
.975	2.012	-.06742	.02753	16950	- 06933	01429	.01500	767.26677	-4.36521	.12521
.975	4 256	- 06282	.02801	.16648	- 12561	.01625	.00169	766.92748	-4.35817	.27090
	GRADIENT	.00119	00022	-.00292	-.02493	.00108	- 00268	-.05456	.00459	06339

RUN NO. 174/ 0   RN/L = 4 21   GRADIENT INTERVAL = ' -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 103	- 08163	.02690	.20556	.16987	.07226	.02737	863.44370	-4.44824	-.47725
1.150	-4 810	-.07502	.02904	.19452	.10332	.06539	.01748	863 36552	-4 45428	- 30750
1.150	-2.514	-.07154	.03070	18341	.04436	.06060	.00384	863 34663	-4.43759	-.14999
1 150	-.234	-.07669	03138	.18149	-.01652	.05298	- 00884	863.11325	-4.43119	.00227
1.150	2 016	-.07831	03233	.18344	- 07189	04048	- 02053	863 24952	-4.43298	.14170
	GRADIENT	- 00066	.00046	-.00155	- 02577	-.00361	-.00557	-.02563	.00310	.06591

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ048)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690 0000 SQ.FT.	XMRP	= 976 0000 IN. XT		BETA	=	-4.000	ELV-LI =	8.000
LREF	= 1290 3000 INCHES	YMRP	= .0000 IN. YT		ELV-LO =	4.000	ELV-RI =	8.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT		ELV-RO =	4.000
SCALE	= .0100					

RUN NO. 169/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 488	-.09211	.02592	.22332	.24993	.07548	02616	883 02254	-4.43213	-.67528
1.205	-7.128	-.08409	02889	.20877	.16588	.06956	.01718	883 11106	-4.44522	-.47296
1.205	-4.784	-.07695	.03012	.19727	.09627	.06318	.00401	883.18013	-4.44015	-.29537
1.205	-2.517	-.07314	03058	.18563	.03660	.06031	-.00685	883 42819	-4.43461	-.13912
1.205	- 253	-.07693	.03111	.18313	-.01878	.05417	- 01754	882.96221	-4.41904	.00406
1 205	2.012	- 07895	03195	.18341	- 07273	.04350	- 02897	883.15194	-4.41760	.14617
1.204	4.268	-.07689	.03342	.18498	-.12677	.03157	- 03666	882 83129	-4.41387	.28453
	GRADIENT	-.00025	.00035	- 00118	-.02454	- 00354	-.00457	- 04301	.00307	.06385

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ049)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ FT.	XMRP	= 976.0000 IN. XT		BETA	=	.000	ELV-LI =	8.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT		ELV-LO =	4 000	ELV-RI =	8.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT		ELV-RO =	4 000
SCALE	= .0100					

RUN NO. 183/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8 972	-.00822	00216	.02279	.20257	.01770	.00129	711.26297	-.01346	-.57465
.900	-6.745	-.00294	.00058	.01267	.13699	.01955	00734	711.33153	-.00091	-.41463
.900	-4.547	.00017	- 00011	00846	.07765	.01668	.01350	711.46408	.00119	-.26868
900	-2.367	.00111	- 00027	.00574	01863	.01551	.01555	710 97956	.00628	-.13687
900	-.163	.00256	-.00098	-.00129	- 03861	.01677	.01699	711.06639	.01860	.00119
.900	2.013	.00227	- 00078	-.00175	-.09611	.02015	.01593	710.73261	02216	.13543
.900	4.213	.00223	-.00056	- 00130	- 13760	02453	.00391	710 95218	02225	.26473
	GRADIENT	00024	-.00006	- 00123	- 02490	00093	-.00086	-.05795	.00265	.06115

~REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 178/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.168	-.00604	.00157	.02119	.23341	.01117	.02295	767.37293	-.03204	-.63105
.976	-6.910	-.00270	.00094	.01710	.16496	.00476	.02328	767.89839	-.02551	-.45791
.975	-4.638	.00151	.00001	.00920	.10631	-.00140	.02589	767.19053	-.01288	-.30049
.975	-2.410	.00584	-.00080	-.00139	.05318	-.00554	.02767	767.38932	.00373	-.16175
.975	-.224	.00630	-.00156	-.00573	-.00034	-.00218	.02624	767.06651	.01487	-.02827
.975	2.008	.00369	-.00154	-.00238	-.05927	.00430	.02216	767.11284	.01348	.11700
.975	4.211	.00042	-.00049	.00232	-.11697	.00773	.01247	767.23395	.00617	.25675
GRADIENT		-.00020	-.00008	-.00067	-.02528	.00127	-.00146	-.00850	.00216	.06300

RUN NO. 173/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.067	-.00223	.00134	.01498	.18561	.06478	.02164	863.26973	-.04378	-.48366
1.150	-4.774	.00132	.00051	.00900	.11858	.05735	.02906	863.24952	-.03862	-.31520
1.150	-2.494	.00270	-.00006	.00406	.05185	.05199	.02349	863.40462	-.02806	-.15136
1.150	-.253	.00067	-.00030	.00165	-.00668	.04943	.00865	863.32641	-.01821	-.01005
1.150	1.994	-.00176	.00016	.00316	-.06148	.04159	-.00620	863.22927	-.01658	.13009
GRADIENT		-.00050	-.00006	-.00089	-.02656	-.00221	-.00535	-.00606	.00337	.06553

RUN NO. 168/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.424	-.00268	.00203	.01695	.25457	.07141	.02258	882.99459	-.02902	-.66564
1.205	-7.086	-.00032	.00198	.01379	.17857	.06530	.02465	882.95149	-.02941	-.47542
1.205	-4.779	.00229	.00114	.00916	.10736	.05928	.01948	882.67989	-.01925	-.30049
1.205	-2.498	.00592	-.00021	.00008	.04324	.05493	.01140	882.67989	-.00370	-.14108
1.205	-.246	.00441	-.00030	-.00253	-.01284	.05301	-.00209	882.94945	.00077	.00077
1.205	2.006	.00063	.00016	.00124	-.06484	.04805	-.01448	883.14123	.00762	.13889
1.205	4.240	-.00084	.00046	.00363	-.11601	.03706	-.02570	883.03223	.00573	.27275
GRADIENT		-.00051	-.00004	-.00044	-.02462	-.00227	-.00516	.05175	.00272	.06329

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ050) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI =	8.000
ELV-LO	=	4.000	ELV-RI =	8.000
ELV-RO	=	4 000		

RUN NO. 186/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 011	.07175	- 01549	-.15472	.18925	-.00320	-.00607	711 29499	4.28417	-.56573
900	-6.775	.07253	- 01894	- 15928	.12885	.00304	.00038	710.73261	4.31439	-.41270
.900	-4 586	.07124	- 02194	- 15741	07512	.00708	.00911	711.28586	4.32728	-.27321
.900	-2 382	.06990	- 02382	-.15964	01807	.00708	.01373	710.90187	4.34663	-.13977
.900	- 185	.07056	-.02607	-.16312	- 03738	00641	.01533	711 01605	4.35556	-.00399
.900	2 034	.06857	- 02676	-.16069	- 09884	00598	.01378	711 16701	4 35144	.14105
900	4.225	.07012	-.02691	-.16067	-.13966	00708	.00723	711 44124	4 34054	.26747
	GRADIENT	-.00016	-.00058	-.00034	-.02480	- 00005	-.00017	02613	00142	.06177

RUN NO 181/ 0 RN/L = 4 08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.205	08234	- 01939	- 17701	22577	.00055	02028	767 03805	4.31833	-.63547
976	-6.951	07868	- 02162	-.17178	15748	-.00554	.01927	767.46833	4 33592	-.46220
975	-4 682	07608	- 02400	-.16805	09782	-.00803	02082	767.31308	4.35003	-.30291
975	-2.437	07551	- 02667	-.17020	04332	- 00850	.02215	767.43563	4.36572	-.15852
.975	- 222	07438	- 02863	-.16882	- 01069	- 00429	.02286	767.11284	4.36967	-.01829
975	2.007	06992	-.02874	- 16571	-.06945	- 00335	.01943	767 25181	4.37001	.12193
975	4.233	06296	- 02818	-.15863	-.12836	- 00453	.01357	767.14275	4.35858	.27037
	GRADIENT	-.00143	- 00047	00105	- 02537	00055	-.00077	-.02351	.00096	.06407

RUN NO. 176/ 0 RN/L = 4 21 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 150	-7 115	.07545	-.02119	- 16775	17878	04873	.02146	863.34663	4.36271	-.48860
1 150	-4 804	.07505	-.02569	-.16883	.10766	.04345	.02507	863.55967	4.38584	-.31232
1 150	-2.529	.07515	-.02896	- 16966	04607	03915	.03121	863.44370	4.39626	-.15762
1 150	- 251	07647	-.03085	- 17322	-.01314	03215	.02584	863.13351	4.40921	-.00396
1 150	2.002	.07603	-.03111	-.17347	-.07077	.02457	01188	863 48151	4.40833	.13797
	GRADIENT	.00019	-.00080	-.00081	-.02619	-.00280	-.00198	-.02415	.00355	.06629

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ050)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 171/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.486	.07955	-.01845	-.17490	.25202	.05836	.02326	883.21221	4.35584	-.67658
1.205	-7.129	.07954	-.02270	-.17321	.17124	.05442	.02119	883.20156	4.37448	-.47748
1.205	-4.816	.07913	-.02628	-.17323	.10079	.05016	.02651	883.04199	4.39389	-.30358
1.205	-2.528	.07888	-.02894	-.17401	.04017	.04628	.02702	883.24918	4.40884	-.14695
1.205	-.231	.07964	-.03058	-.17668	-.01604	.04105	.01657	883.30953	4.41843	.00170
1.205	2.004	.08048	-.03149	-.17895	-.07005	.03386	.00203	883.25119	4.42084	.13966
1.205	4.261	.07685	-.03194	-.17575	-.12557	.02654	-.01113	882.95271	4.41127	.27947
	GRADIENT	-.00013	-.00061	-.00044	-.02482	-.00263	-.00441	-.00760	.00207	.06404

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ051)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	YMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 187/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.027	.11121	-.02722	-.24334	.18331	-.00825	-.00623	710.99781	6.42960	-.56362
.900	-6.829	.11061	-.02991	-.24383	.12726	-.00051	.00070	710.86977	6.46894	-.41615
.900	-4.603	.10963	-.03413	-.24367	.07466	.00387	.00911	711.41382	6.49873	-.27745
.900	-2.397	.10997	-.03728	-.24671	.02079	.00312	.01233	711.13496	6.52791	-.14292
.900	-.188	.10913	-.03964	-.24593	-.03668	.00194	.01400	710.73261	6.53122	-.00468
.900	2.026	.10680	-.04158	-.24463	-.09173	.00168	.01291	711.63775	6.53644	.12968
.899	4.235	.10661	-.04183	-.24381	-.13604	.00228	.00826	710.68224	6.52096	.26306
	GRADIENT	-.00042	-.00089	.00008	-.02416	-.00021	-.00005	-.04341	.00240	.06125

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ051)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = 6.000   ELV-LI = 8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 4.000   ELV-RI = 8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO. 182/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.273	.12885	-.03214	-.27906	.22333	-.00078	.02067	767.26533	6.51066	-.63986
.976	-6.968	.12347	-.03470	-.27262	.15301	-.00928	.01878	767.43837	6.55017	-.46411
.975	-4.715	.11766	-.03781	-.26498	.09425	-.01435	.01942	767.39072	6.57051	-.30712
.975	-2.466	.11245	-.04096	-.25932	.03666	-.01474	.01997	767.28173	6.58922	-.15923
.975	-.223	.10992	-.04342	-.25763	-.02135	-.01022	.02012	767.32805	6.59960	-.01018
.975	2.002	.10134	-.04340	-.24832	-.07603	-.00686	.01754	767.31165	6.59472	.12619
.975	4.250	.09625	-.04443	-.24173	-.13080	-.00515	.01376	767.25037	6.57482	.27286
GRADIENT		-.00241	-.00070	.00257	-.02522	.00117	-.00061	-.01121	.00063	.06453

RUN NO 177/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 141	.11629	-.03455	-.26124	.17183	.04444	.02160	863.07550	6 55994	-.48759
1.150	-4.832	.11277	-.03952	-.25946	.10347	.03963	.02357	863.54075	6.59113	-.31689
1.150	-2.546	.10902	-.04364	-.25575	.04450	.03506	.02892	863.34663	6.60683	-.15939
1.150	-.264	.10958	-.04585	-.25802	-.01584	.02804	.02998	863.46261	6.61789	-.00672
1.150	2 006	.10821	-.04653	-.25775	-.07749	.01999	.01973	863.57858	6.61642	.14192
GRADIENT		-.00058	-.00102	.00013	-.02646	-.00289	-.00046	.01002	.00382	.06708

RUN NO. 172/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.204	-9 551	.12735	-.03090	-.28051	.25624	.05341	.02366	883.09080	6.54309	-.69170
1.205	-7.167	.12106	-.03639	-.27006	.16835	.05023	.02038	882.95271	6 57090	-.48404
1.205	-4 853	.11765	-.04065	-.26602	.09896	.04588	.02461	883.02388	6.59597	-.30978
1 205	-2.557	.11448	-.04375	-.26216	.04011	.04011	.02957	883.02388	6 60188	-.15602
1.205	-.255	.11489	-.04587	-.26473	-.01913	.03393	.02318	883 07411	6.61938	-.00132
1.204	1.993	.11430	-.04687	-.26570	-.07568	.02681	.01083	883.14103	6.61946	.14060
1.204	4 280	.11034	-.04799	-.26200	-.13201	.02158	-.00362	883 06152	6.60659	.28519
GRADIENT		-.00065	-.00078	.00020	-.02538	-.00271	-.00329	.00843	.00171	.06516

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ052)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	-6.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	-5.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	-5 000
SCALE = .0100					

RUN NO. 195/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 201	-.12610	.04244	.31002	.18188	.08777	.07182	863.15374	-6.66167	-.50272
1.150	-4 856	-.11497	04526	.29205	.11305	.07978	.05327	863.21174	-6.66818	-.32605
1.150	-2.541	- 10877	04800	.27992	.05517	.07241	.03520	863.26973	-6.67028	-.16511
1.150	-.287	- 11110	04950	.27593	-.00039	.06172	.02120	863.21174	-6.66099	-.02272
1 150	2.001	-.11250	.05019	.27457	-.06041	.04902	00778	863.15374	-6.65029	.12843
GRADIENT		.00023	00071	-.00248	-.02523	- 00451	-.00659	-.01011	.00275	.06598

RUN NO 190/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 591	-.14479	.04072	.34145	27274	.08860	07312	882.82296	-6.67902	-.71524
1.205	-7 199	-.12874	.04418	.31307	17915	08039	.05594	882.69268	-6.68339	-.50012
1 205	-4.866	-.11828	04683	.29741	10951	.07163	.03797	882.76174	-6 69292	-.32231
1.205	-2 554	-.11207	04839	.28339	05063.	.06545	02488	882.76174	-6.68557	-.16030
1 205	- 277	-.11309	04855	27772	-.00446	.05825	01395	882 84153	-6.67781	- 01574
1.205	1.976	- 11541	.04928	.27759	- 05801	.04820	.00385	882.80264	-6 67022	12648
1 205	4 263	- 11255	05076	.27862	- 11489	03198	-.00528	882.70581	-6 66314	.27184
GRADIENT		00036	.00038	-.00191	-.02446	-.00424	-.00472	-.00310	.00329	.06474

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ053)   (24 JUN 76)

REFERENCE DATA   .   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	-4 000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN. YT		ELV-LO =	-5.000 ELV-RI = 8.000
BREF = 1290 3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	-5 000
SCALE = .0100					

RUN NO. 194/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 111	-.07046	02273	.17743	19325	08012	.07875	863.21174	-3.78919	-.50063
1.150	-4.828	-.06436	.02499	.16763	.12543	.07548	06931	863.09574	-3.79348	-.32940
1.150	-2 532	-.06122	.02639	.15628	.06404	.06693	.05168	863.21174	-3.78104	-.16936
1.150	-.279	-.06570	.02757	.15484	.00649	.05903	.03561	863.05662	-3.77065	-.02578
1.150	1.992	-.06768	02820	.15660	-.05360	.04763	.01930	863.21174	-3.76851	.12222
GRADIENT		-.00063	.00048	-.00152	-.02618	- 00403	- 00731	00855	00376	.06F98

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ053)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA = -4.000   ELV-LI = 8.000
ELV-LO = -5.000   ELV-RI = 8.000
ELV-RO = -5.000

RUN NO. 189/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.204	-9 507	-.09306	.02616	.22483	27027	.08211	.07854	882.52155	-4.45638	-.69854
1.205	-7.150	-.08449	.02923	.20995	.18618	.07570	.06612	882.75603	-4.46402	-.49710
1.205	-4 829	- 07761	.03117	19968	.11562	.06857	04859	882 84153	-4.46772	-.32007
1.205	-2 536	- 07334	.03166	.18703	05478	.06396	03460	882 74230	-4.45563	-.16106
1.205	- 266	-.07812	.03241	.18610	- 00318	.05717	.02116	882.77247	-4.44836	-.01317
1.205	1.985	-.07933	03256	18525	- 05742	.04868	.00920	882 68487	-4.44371	.12778
1.204	4 246	-.07677	03355	18553	-.11299	.03714	- 00161	882.67226	-4.43579	.26925
	GRADIENT	-.00019	00025	-.00133	-.02512	- 00344	- 00555	- 01747	00334	.06473

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ054)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA = 000   ELV-LI = 8 000
ELV-LO = -5 000   ELV-RI = 8.000
ELV-RO = -5.000

RUN NO. 193/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.083	-.00328	.00149	.01587	.20533	.06965	.07492	863.11463	-.03443	-.50602
1 150	-4 795	- 00108	.00109	.01255	13781	.06333	07965	863.05662	-.02997	-.33490
1.150	-2 511	.00142	.00025	.00475	07075	.05861	.07218	863 11463	- 01553	-.17323
1.150	- 272	.00001	-.00016	.00225	.00936	.05438	.05514	863.01749	-.00483	-.02659
1.150	1 992	-.00129	-.00013	00157	-.04709	.04618	.03737	863 09438	-.00216	.11398
	GRADIENT	-.00009	- 00018	-.00157	-.02730	-.00247	-.00637	.00075	.00417	.06617

RUN NO. 188/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.447	-.00249	00190	.01617	.27653	.07592	.07616	882.55512	-.02435	-.69189
1.205	-7.115	- 00147	.00210	.01561	.19822	.06979	.07648	882.85023	-.02640	-.49793
1.205	-4 805	00226	.00111	.00866	12808	.06402	.07078	882.83733	-.01582	-.32709
1.206	-2.534	.00465	.00017	.00220	06075	.05965	.05803	882.98612	- 00328	-.16094
1.205	- 260	.00335	-.00003	- 00055	00179	.05749	.04201	882.98829	00703	-.01625
1.205	1.987	.00035	.00022	00185	-.05027	.05180	.02648	882.80062	.00768	.11975
1.205	4.224	- 00071	- 00028	.00349	-.10227	04224	.01223	882 57606	00787	.25585
	GRADIENT	-.00045	- 00007	-.00048	- 02533	-.00228	-.00658	-.03123	00259	.06407

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ055)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 196/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 124	.07361	-.02082	-.16630	.19745	05054	.07467	863.38572	4.35178	-.50695
1.150	-4.831	.07377	-.02574	-.16789	.12808	.04589	.07681	863.21174	4.37060	-.33529
1.150	-2 536	.07335	-.02931	-.16806	06295	.04201	.08105	863.17263	4.38324	-.17362
1.150	-.269	07471	-.03145	-.17072	.00573	03680	.07619	863.26973	4.39129	-.02572
1.150	1 988	.07479	-.03160	-.17183	- 05466	.02937	.05884	863.17263	4 39036	.12006
	GRADIENT	00019	- 00087	-.00064	-.02664	- 00241	- 00258	-.00088	.00297	.06663

RUN NO. 191/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.504	07938	- 01831	-.17519	27285	.06076	.07567	882.80062	4.35458	-.70008
1.205	-7 162	.07977	- 02294	-.17456	19216	.05695	.07255	882.89772	4.37810	-.50307
1.205	-4.842	.07751	- 02653	-.17182	11995	.05274	07665	882.91712	4.39371	-.32505
1.206	-2.540	.07701	- 02939	-.17198	05639	04921	.07595	883 03572	4.40463	-.16451
1.206	-.267	.07869	- 03137	-.17665	-.00020	.04357	06446	883.10470	4.41740	-.01693
1.206	1.978	.07999	- 03206	-.17905	- 05563	03658	.04668	883.01632	4.41913	.12208
1.205	4.237	.07563	-.03171	-.17431	-.11221	.02926	.02868	882 84812	4.40629	.26351
	GRADIENT	-.00003	- 00058	-.00053	-.02542	-.00263	- 00551	- 00683	.00176	.06456

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ056)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 197/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.170	.11550	-.03426	-.26145	.19280	.04679	.07495	863.28863	6.55582	-.51170
1.150	-4.871	.11119	-.03956	-.25861	.12426	.04000	.07553	863.15374	6.58477	-.34096
1.150	-2.557	.10726	-.04417	-.25485	.06149	.03743	.07907	863.11463	6.59698	-.17721
1.150	-.278	.10797	-.04670	-.25629	.00102	.03104	.08066	863.15374	6.60762	-.02529
1.150	1.992	.10720	-.04756	-.25813	-.06213	.02340	.06904	863.19284	6.60617	.12451
	GRADIENT	-.00049	-.00116	.00000	- 02710	-.00245	-.00078	.00680	.00328	.06771

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ056)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 192/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.573	.12640	-.03058	-.28001	.27801	.05830	.07517	883.05731	6.54865	-.71698
1.206	-7.210	.12031	-.03645	-.26968	.18900	.05403	.07138	882.95592	6.57514	-.50901
1.205	-4.871	.11627	-.04121	-.26493	.11669	.04759	.07415	882.86753	6.60015	-.33099
1.205	-2.578	.11343	-.04471	-.26216	.05715	.04235	.07813	882.82871	6.61649	-.17251
1.205	-.306	.11329	-.04647	-.26321	-.00092	.03673	.07338	882.82005	6.62615	-.02365
1.205	1.981	.11316	-.04750	-.26481	-.06090	.02981	.05758	882.72285	6.62682	.12469
1.205	4.255	.10918	-.04799	-.26081	-.11736	.02404	.03888	882.67651	6.61131	.26832
	GRADIENT	-.00063	-.00072	.00025	-.02570	-.00261	-.00399	-.02139	.00143	.06558

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 217/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.551	-.10481	.03127	.25036	.14005	.02710	.00461	417.98871	-6.31592	-.46857
.599	-6.419	-.10074	.03205	.24550	.08682	.02525	.00277	417.81928	-6.34702	-.33642
.599	-4.308	-.09721	.03293	.24086	.04358	.02379	.00092	418.24122	-6.36815	-.22140
.600	-2.195	-.09481	.03351	.23220	.00177	.02206	-.00110	418.40736	-6.37119	-.10607
.599	-.098	-.09885	.03604	.23256	-.04304	.02095	-.00378	417.65471	-6.37146	.01349
.599	2.014	-.09991	.03820	.23237	-.08725	.02066	-.00738	417.73943	-6.36619	.12843
.599	4.152	-.10016	.04101	.23504	-.13516	.01980	-.01107	417.73943	-6.35554	.25125
	GRADIENT	-.00052	.00098	-.00054	-.02113	-.00044	-.00143	-.07896	.00143	.05584

LARC 8FT TRT 749 (IA93) OTSAT130   (SJJ057) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO. 200/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9 045	-.12520	03245	.29681	.16900	.02716	.00358	710.68702	-6.52743	-.55005
.900	-6 818	-.12158	.03450	.29280	.11013	.02775	00970	710.61844	-6.56284	-.39642
.900	-4.595	-.11546	03566	.27921	.05966	.02799	.00845	710.93393	-6.57703	-.26101
.899	-2.380	-.11218	.03759	27806	.00082	.02683	.00418	710.30283	-6 57663	-.11881
900	-.169	-.11070	04015	26367	-.05519	02724	00038	710.66877	-6 57157	.01971
.900	2.044	- 10781	04193	.25911	- 11156	.02411	- 00900	710 90653	-6 56431	15914
.900	4 261	- 11007	04422	26412	-.15816	01670	- 02717	710.52250	-6.56185	29319
	GRADIENT	.00068	00097	-.00186	-.02476	-.00114	- 00381	- 00992	00193	.06263

RUN NO. 212/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.274	-.14203	03772	.32965	.20357	.01829	- 00387	766 68228	-6 57889	-.61974
.976	-6.970	-.12730	03933	31098	.13009	.01070	- 00216	767.45468	-6.60387	-.43682
.975	-4.705	-.11602	.04015	29292	.07531	.00461	.00020	767.09933	-6.61151	-.28254
.975	-2.433	-.10463	04074	.27279	02069	.00344	.00040	767 11429	-6.60346	- 13378
.975	- 205	-.10309	.04197	.26324	- 03763	.00688	- 00126	767.14564	-6 58942	01177
.975	2 026	- 10015	04307	25969	-.09089	.01211	- 00904	766 86769	-6.58508	.14976
975	4 245	- 09712	.04426	.25672	-.14425	.01454	-.02709	766 57615	-6 56732	.29173
	GRADIENT	.00189	00047	- 00383	-.02463	00127	-.00286	- 05770	.00477	.06405

RUN NO. 206/ 0   RN/L = 4 19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 135	-.12630	04264	31100	.14915	.07218	-.00299	863.59749	-6.65368	-.46256
1.150	-4.831	- 11570	.04463	29310	.08369	.06560	-.01419	863 32773	-6 66029	- 29276
1.150	-2.531	-.10846	.04643	.27781	.02783	.05817	- 02673	863 38441	-6.65427	-.13555
1.150	-.247	-.11115	.04786	.27490	-.03084	.04713	-.03641	863 52060	-6 64497	01318
1.150	2.012	-.11254	.04852	27449	- 08700	.03519	-.04390	863.55840	-6.63882	.15780
	GRADIENT	.00030	00057	- 00258	- 02502	-.00448	-.00433	.03631	.00323	.06577

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   222/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9 544	-.14239	.04009	.33627	.23957	.07787	-.00323	882.79368	-6.65865	-.67495
1.205	-7.170	-.12833	.04340	.31245	.14971	.07020	-.01082	882.78533	-6.67090	-.46586
1.205	-4.827	-.11733	.04536	.29506	.08114	.06312	-.02400	883.00111	-6 67502	-.28847
1.205	-2.533	-.11096	.04632	.28168	.02570	.05728	-.03508	883.10034	-6.67154	- 13248
1.205	-.249	-.11313	.04689	.27665	-.03177	.04949	-.04377	882 87170	-6.66148	.01687
1.205	2.014	- 11444	.04781	.27616	- 08498	.03972	-.05168	882.73356	-6 65508	.15871
1.205	4 293	-.11033	.04895	.27546	-.13827	.02566	-.05690	882.94275	-6.64848	.29777
	GRADIENT	.00046	.00037	-.00197	-.02412	-.00406	-.00362	-.02121	.00305	.06424

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO. 216/ 0   RN/L =   3.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 504	-.07263	.02067	.17394	14023	.02500	.00499	417.13980	-4.22420	-.46198
599	-6.391	-.06963	.02089	.17060	.09027	.02285	.00333	417.05667	-4.24468	-.33403
598	-4.287	-.06670	.02126	.16359	.04819	02129	00203	416.63452	-4.25768	-.22011
599	-2.186	-.06436	.02166	15688	00670	.01980	.00018	417.81928	-4.26618	-.10909
599	- 102	-.06583	.02328	.15426	-.03466	.01864	-.00230	417 99197	-4.26751	.00387
599	2.025	- 06778	.02478	15546	-.08034	.01836	- 00590	417 90563	-4.26625	.12190
.599	4 137	-.06498	.02616	.15374	-.12903	.01736	- 00996	417 82253	-4.25873	.24572
	GRADIENT	.00000	.00061	-.00100	-.02097	-.00044	- 00143	11666	-.00010	.05521

TABULATED SOURCE DATA - IA93.

LARC 8FT' TPT 749 (IA93) OTSAT130   (SJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                        RUN NO. 199/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        .900   -9.003   -.08848   .01994   .20671   .17938   .02522   .00222   710.63667   -4.36321   -.55291
        .900   -6.774   -.08260   .02149   .19887   .12030   .02598   .00976   710 57720   -4.38412   -.39973
        .900   -4.567   -.07629   02222   .18644   .06568   .02565   .00949   710 42180   -4.38412   -.26038
        .900   -2.365   -.07499   02398   18254   .00516   02480   .00558   710 61844   -4.39056   -.11943
        .899   -.162   -.07301   .02583   17579   -.05424   02396   .00130   710.36232   -4.38660   .02127
        900   2 032   -.07024   02710   .17127   -.11698   .02025   -.00710   710 41268   -4.37943   16468
        .900   4 242   -.07168   .02822   17623   -.16315   01315   -.02513   711 21730   -4 38043   .29926
                GRADIENT .00063   .00069   -.00144   -.02634   - 00134   -.00372   .06297   .00084   .06375

                        RUN NO   211/ 0   RN/L =   4 10   GRADIENT INTERVAL = -5 00/ 5 00

        MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        .975   -9.207   -.09652   02478   .22499   .20927   01665   -.00437   766.54473   -4.39223   -.61312
        .976   -6 906   -08468   02594   21035   .13774   00594   -.00271   767.20966   -4.40681   -.43426
        .975   -4.662   -.07546   02586   19399   .08041   -.00141   -.00121   766 99316   -4 40525   -.27932
        .975   -2.430   -06852   02653   .18041   03056   -.00265   -.00141   766.90053   -4.39968   -.13945
        .975   -.208   -.06863   02701   .17236   -.02617   00375   -.00206   766.79292   -4.38065   .00085
        975   2.014   -.06735   02726   .17072   -.08373   .00594   -.00578   766.97677   -4.37892   .14173
        .975   4.237   -06188   02756   .16719   - 14103   .00766   -.02165   766 86769   -4.37260   28792
                GRADIENT 00127   00019   -.00285   -.02505   .00120   - 00203   -.00787   .00387   06365

                        RUN NO. 205/ 0   RN/L =   4 19   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
        1 150   -7.091   -.08145   .02665   .20415   .15782   07150   .00031   863.36552   -4.43639   -.46239
        1.150   -4.784   -.07605   02928   .19592   .09008   .06254   -.00705   863 40462   -4.44596   -.29001
        1.150   -2.511   -.07159   03021   .18294   03270   .05526   -.01865   863 40462   -4.43371   -.13521
        1.150   -.243   -.07598   .03065   .18070   - 02525   .04526   -.02981   863 36552   -4 42208   .00995
        1.150   2.015   -.07729   .03147   .18142   - 08236   .03415   -.03900   863 58441   -4.41824   .15380
                GRADIENT -.00036   00032   - 00202   -.02538   -.00420   -.00472   -.00441   .00418   .06515

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000		
SCALE = .0100					

RUN NO. 221/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.475	-.09200	02575	.22264	.23844	.07502	.00048	882.76439	-4.44238	-.66088
1.205	-7.134	-.08354	.02827	.20825	.15537	.07019	-.00567	882.93204	-4.45375	-.46248
1.205	-4.791	-.07633	02934	.19642	.08639	.06162	- .01715	883.08960	-4.45626	-.28587
1.205	-2.511	-.07174	.02973	.18368	.02767	.05614	-.02797	882.91059	-4.44439	-.12947
1.205	-.242	-.07683	.03064	18315	-.02917	.05008	-.03752	883.13921	-4.43748	.01689
1.205	2 021	-.07838	.03149	.18354	-.08371	03991	- 04655	883.00111	-4.43110	.15898
1.205	4 279	-.07500	.03237	18425	-.13607	02803	-.05292	883.01183	-4.43128	.29632
	GRADIENT	-.00018	.00034	-.00108	-.02454	- 00368	-.00398	-.00287	.00279	.06408

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT		BETA = .000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	- ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000		
SCALE = .0100					

RUN NO. 215/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8.479	- 00369	.00101	.01625	.14956	02053	.00434	417.56673	-.01511	-.46781
599	-6 391	- 00113	00034	.01318	.10004	.01852	.00286	417.39888	-.01314	-.34022
.599	-4 281	00193	-.00068	.00706	.05437	.01651	00222	417.39726	-.00787	-.22241
.599	-2.176	00387	-.00138	.00046	.01254	01451	.00065	417.31577	- 00072	-.11107
.599	-.098	.00451	- 00166	-.00492	-.02939	.01322	-.00129	417.14466	.00428	.00163
599	2.013	.00182	-.00105	-.00040	-.07598	.01365	-.00434	417.22940	00056	.12032
.598	4 112	-.00052	- 00072	.00349	- 12325	01293	-.00887	417.06153	-.00069	.23789
	GRADIENT	-.00033	.00001	-.00038	- 02116	-.00038	-.00130	- 03612	00075	.05492

LARC 8FT TPT 749 (1A93) OTSAT130   (SJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 198/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-8.988	-.00648	.00130	.02103	.19073	.00793	-.00342	710.60932	-.02415	-.55827
.900	-6.763	-.00155	-.00028	.01184	.13168	.01450	.00639	711.12134	-.02428	-.40886
.900	-4.541	.00008	-.00052	.01031	.06787	.01349	.00884	710.64140	-.02415	-.25331
.901	-2.384	.00209	-.00066	.00424	.01460	.01095	.00688	711.35895	-.01609	-.13011
.900	-.172	.00308	-.00120	-.00103	-.05 81	.01105	.00065	710.79679	-.00463	.01722
.900	2.024	.00237	-.00093	-.00011	-.11762	.01095	-.00710	711.29956	-.00526	.16257
.900	4.242	.00093	-.00089	.00223	-.16476	.00818	-.01838	710.72822	-.00237	.30028
	GRADIENT	.00009	-.00005	-.00093	-.02710	-.00048	-.00312	.00480	.00247	.06371

RUN NO. 210/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.164	-.00558	.00132	.02127	.21998	.00641	-.00447	766.66734	-.03822	-.61431
.975	-6.876	-.00090	.00039	.01472	.15126	-.00141	-.00442	767.19333	-.02879	-.44094
.975	-4.632	.00316	-.00045	.00808	.09390	-.00773	-.00322	766.93188	-.02289	-.28767
.975	-2.415	.00652	-.00123	-.00092	.03894	-.01163	-.00231	766.82283	-.00801	-.14347
.975	-.201	.00647	-.00188	-.00515	-.01519	-.00570	-.00377	766.59262	-.00286	-.01061
.975	2.007	.00514	-.00219	-.00445	-.07233	.00320	-.00573	766.79145	.00499	.13130
.975	4.226	.00035	-.00040	.00325	-.13201	-.00109	-.01246	766.72864	-.00408	.27545
	GRADIENT	-.00032	-.00004	-.00060	-.02544	.00127	-.00099	-.01979	.00229	.06329

RUN NO. 204/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.060	-.00153	.00095	.01423	.17542	.06311	-.00491	863.23193	-.02806	-.47266
1.150	-4.763	.00094	.00041	.00995	.10694	.05477	.00027	863.32773	-.02992	-.30099
1.150	-2.487	.00346	-.00044	.00298	.04893	.04893	-.00424	863.52060	-.01978	-.13984
1.150	-.246	.00180	-.00082	.00029	-.01738	.04387	-.01571	863.48151	-.00383	.00144
1.150	1.991	-.00037	-.00050	.00118	-.07234	.03423	-.02843	863.32641	-.00013	.14160
	GRADIENT	-.00025	-.00014	-.00129	-.02650	-.00296	-.00433	-.00177	.00468	.06529

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　　　　(SJJ059)　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.　XMRP =　976.0000 IN. XT　　　　　　BETA   =　　.000　ELV-LI =　　8.000
LREF = 1290.3000 INCHES　YMRP =　　　.0000 IN. YT　　　　　　ELV-LO =　9.000　ELV-RI =　　8.000
BREF = 1290.3000 INCHES　ZMRP =　400.0000 IN. ZT　　　　　　ELV-RO =　9.000
SCALE =　　　.0100

RUN NO.　220/ 0　　RN/L =　4.22　　GRADIENT INTERVAL =　-5.00/　5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.414	-.00251	.00193	.01746	.24409	.07068	-.00397	882.78533	-.03990	-.65346
1.205	-7.055	-.00002	.00165	.01383	.16753	.06436	-.00065	882.85225	-.03328	-.46209
1.205	-4.784	.00291	.00083	.00825	.09756	.05783	-.00558	882.97963	-.02654	-.29015
1.205	-2.510	.00574	-.00030	.00102	.03304	.05314	-.01248	883.11769	-.01406	-.12925
1.205	-.237	.00469	-.00059	-.00201	-.02286	.05042	-.02430	883.21690	-.00356	.01250
1.205	2.006	.00202	-.00039	-.00071	-.07347	.04318	-.03548	882.83080	.00026	.14603
1.205	4.263	.00026	-.00031	.00249	-.12602	.03197	-.04368	882.96221	-.00411	.28581
	GRADIENT	-.00040	-.00011	-.00059	-.02449	-.00273	-.00439	-.01414	.00262	.06313

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　　　　(SJJ060)　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.　XMRP =　976.0000 IN. XT　　　　　　BETA   =　　.000　ELV-LI =　　8.000
LREF = 1290.3000 INCHES　YMRP =　　　0000 IN. YT　　　　　　ELV-LO =　9.000　ELV-RI =　　8.000
BREF = 1290.3000 INCHES　ZMRP =　400.0000 IN. ZT　　　　　　ELV-RO =　9.000
SCALE =　　　0100

RUN NO.　201/ 0　　RN/L =　3.97　　GRADIENT INTERVAL =　-5.00/　5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-.167	.00336	-.00122	-.00101	-.04996	.01121	.00233	710.79679	-.00107	.01328
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO.　207/ 0　　RN/L =　4.18　　GRADIENT INTERVAL =　-5.00/　5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-.241	.00196	-.00084	.00032	-.01837	.04423	-.01482	863.24952	-.01151	.00420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LARC 8FT TPT 749 (IA93) OTSATI30   (SJJ061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	8.000
ELV-RI =	8.000

RUN NO. 218/ 0   RN/L =   3 20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.599	-8 511	.06366	-.01554	-.13307	.14566	.01520	00166	417.90400	4.18495	-.47228
.600	-6.409	.06298	- 01767	-.13321	.09702	.01246	.00028	418.41062	4.20813	- 34600
.599	-4.296	.06594	-.02037	-.13954	.05310	.01105	-.00018	417.73781	4.22817	-.23147
.599	-2.202	06749	- 02235	-.14531	.01011	.01032	-.00101	418.15977	4.24256	-.11709
599	-.101	.06974	- 02461	-.15128	-.03711	01004	-.00249	417.73618	4.24954	00599
.600	2.024	.07019	- 02627	-.15204	-.08186	.00930	-.00561	419.01329	4.24873	.12180
.600	4.141	.06587	-.02718	-.14597	-.13293	.00816	-.00993	418.84391	4.23848	.25086
	GRADIENT	.00012	-.00083	- 00093	-.02199	-.00032	- 00114	.14546	.00126	.05704

RUN NO. 202/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.901	-9.013	.07304	- 01626	-.15616	.17963	-.01136	-.01094	711.42749	4 27669	-.55325
.899	-6.799	.07398	-.01958	-.16069	.12208	-.00337	-.00233	710.09703	4.30607	-.40442
.900	-4.559	.07085	- 02193	-.15537	.06432	-.00009	00184	710.72822	4.31957	-.25638
.900	-2 367	.07005	-.02399	-.15855	.00563	-.00110	.00108	710.35321	4.33566	-.12134
900	-.172	.07051	- 02608	-.16275	-.05367	-.00278	-.00222	711.00249	4.34866	.01583
.900	2 049	06851	-.02731	-.16015	- 11909	-.00463	- 00656	710.93393	4.34409	.16441
.900	4.246	06996	- 02728	-.16036	-.16501	-.00497	-.01339	711.13961	4.33278	.29796
	GRADIENT	-.00015	- 00064	-.00052	-.02649	-.00060	-.00173	.06373	00158	.06331

RUN NO. 213/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.220	08314	- 01993	-.17735	21235	- 00265	-.00507	766.85421	4 31217	-.61773
975	-6 923	.07949	-.02236	-.17293	14327	-.00952	-.00548	766.90195	4.33498	-.44280
975	-4 684	.07843	-.02512	- 17082	.08573	- 01194	- 00477	767 14564	4.34951	- 28944
975	-2.445	.07696	- 02746	-.17109	02962	-.01389	-.00311	766 93188	4.36568	-.14213
975	-.219	07593	- 02919	-.17165	- 02554	-.01163	- 00447	767 05301	4.37200	-.00039
.975	2 011	.07066	- 02883	- 16628	-.08331	-.01241	-.00869	766 93045	4.36868	.13934
975	4.239	.06293	- 02809	-.15782	-.14120	-.01538	- 01663	766 74510	4.35559	28343
	GRADIENT	-.00167	-.00033	00138	-.02541	-.00024	- 00131	-.03599	.00068	06400

LARC 8FT TPT 749 (IA93) OTSAT130   (SJJ061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.^00
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO. 208/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7 105	.07504	-.02151	-.16697	.16611	.04526	-.00491	863.34529	4.36274	-.47051
1.150	-4 801	07486	-.02581	-.16737	.09609	.04011	-.00241	863.59873	4.38150	-.29755
1.150	-2 504	.07556	- 02918	-.16845	.03225	.03519	.00259	863 42352	4.39484	-.13680
1.150	-.240	.07765	-.03125	-.17420	-.02507	.02832	-.00165	863.42352	4.40813	.01023
1.150	2 006	.07635	-.03119	-.17279	-.08294	02013	-.01339	863 44241	4.40272	.15331
	GRADIENT	.00029	-.00080	-.00097	-.02619	- 00294	- 00163	-.02077	00340	.06611

                    RUN NO. 223/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.475	.07998	-.01909	-.17462	24171	.05621	- 00305	892 88578	4.35414	- 66398
1.205	-7 124	.07984	- 02291	-.17308	16254	.05220	- 00449	883 01183	4.37548	- 46832
1.205	-4 821	.07945	- 02643	-.17307	.09257	.04744	-.00035	883.00981	4.39474	-.29481
1.205	-2 506	.07925	-.02905	-.17358	.02924	.04304	-.00035	882.86097	4.40681	-.13361
1.205	- 245	.07956	- 03057	- 17564	-.02607	.03774	-.00921	883 05072	4.41476	.01240
1.205	2 016	.08026	- 03143	-.17793	-.08099	.03000	-.02160	882 93204	4.41955	.15317
1.205	4.274	.07628	-.03177	-.17455	-.13614	.02104	-.03308	882 88578	4.40932	.29308
	GRADIENT	-.00023	-.00058	-.00032	-.02500	- 00290	- 00381	- 00782	.00185	.06440

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ062)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = 6.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 219/ 0   RN/L = 3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.600	-8.546	.09455	-.02522	-.20427	.14190	.01188	.00193	418.67453	6.28120	-.46575
.599	-6.428	.09529	-.02770	-.20697	.09140	.00974	.00046	418.42369	6.31300	-.33931
.599	-4.337	.09681	-.03069	-.21163	.04807	.00831	.00028	418.17118	6.33967	-.22471
.599	-2.203	.09894	-.03361	-.21762	.00213	.00687	-.00018	418.50676	6.35836	-.10522
.599	-.087	.10237	-.03639	-.22326	-.04357	.00588	-.00147	417.97404	6.36610	.01419
.600	2.049	.10285	-.03886	-.22473	-.08966	.00487	-.00497	418.72647	6.36368	.13445
.598	4.153	.10085	-.04151	-.22203	-.13689	.00402	-.00933	416.98650	6.34823	.25309
	GRADIENT	.00057	-.00127	-.00132	-.02175	-.00050	-.00113	-.10084	.00106	.05630

RUN NO. 203/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.900	-9.057	.11133	-.02740	-.24263	.17650	-.01726	-.01268	710.83797	6.42931	-.55729
.900	-6.806	.11127	-.03042	-.24414	.11736	-.00750	-.00461	710.41268	6.46745	-.40196
.900	-4.596	.11050	-.03424	-.24450	.06610	-.00421	-.00163	710.60932	6.49241	-.26718
.900	-2.391	.10938	-.03694	-.24483	.01140	-.00531	-.00163	710.55897	6.51034	-.13270
.900	-.176	.10795	-.03939	-.24480	-.05208	-.00691	-.00336	710.43091	6.52057	.01322
.900	2.038	.10461	-.04167	-.24155	-.11403	-.00800	-.00726	710.82884	6.51603	.15771
.900	4.253	.10646	-.04250	-.24436	-.15961	-.00724	-.01149	710.89274	6.50486	.29012
	GRADIENT	-.00058	-.00096	.00016	-.02607	-.00040	-.00115	.03783	.00138	.06350

RUN NO. 214/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.259	.12976	-.03254	-.27839	.21034	-.00492	-.00543	766.89907	6.49006	-.62358
.975	-6.974	.12366	-.03510	-.27032	.14075	-.01428	-.00608	767.13206	6.52177	-.44773
.975	-4.699	.11789	-.03813	-.26305	.08027	-.01896	-.00537	767.06940	6.54298	-.28895
.975	-2.465	.11312	-.04137	-.25841	.02571	-.02021	-.00387	767.08436	6.55887	-.14401
.975	-.227	.10945	-.04288	-.25489	-.03259	-.01772	-.00558	766.96181	6.56414	.00158
.975	1.995	.10177	-.04313	-.24842	-.09022	-.01678	-.01115	767.03805	6.56095	.14299
.975	4.263	.09361	-.04415	-.24007	-.14730	-.01733	-.01713	766.96036	6.54015	.29186
	GRADIENT	-.00250	-.00062	.00250	-.02551	.00030	-.00138	-.01183	-.00017	.06472

LARC 8FT TPT /49 (IA93) OTSAT130   (SJJ062)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                          RUN NO   209/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
     1.150   -7.166   .11737   -.03498   -.26288   .16184   .04158   -.00482   863.36552   6.56355   -.47739
     1.150   -4.838   .11279   -.03971   -.25901   .09234   .03491   -.00361   863.48277   6.59188   -.30258
     1.150   -2.543   11022   -.04417   -.25734   .03252   .03111   .00107   863 19152   6.61125   -.14459
     1.150   -.258   11027   -.04598   -.25789   - 02856   .02402   .00080   863 21040   6.61789   .00967
     1.150   2.020   .10870   -.04664   -.25849   -.08990   .01583   -.00803   863 26840   6 61908   .15742
               GRADIENT -.00053   -.00099   .00004   -.02659   -.00281   -.00059   - 02737   .00386   .06712

                          RUN NO. 224/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   CYN   CBL   CY   CLMU   CHEI   CHEO   Q(PSF)   BETA   CNU
     1.205   -9.532   .12792   - 03167   -.28058   24428   .05371   -.00284   882 74345   6.55335   -.67484
     1.205   -7.180   .12114   - 03644   -.26961   15997   .04928   -.00497   882 91507   6.57959   -.47413
     1.205   -4.842   11758   - 04081   - 26463   08837   .04270   - 00214   882.96221   6.60178   -.29698
     1.205   -2.544   .11409   - 04358   - 26082   .02987   .03700   00249   882.91259   6.61781   -.14159
     1.205   -.251   11464   -.04572   - 26307   -.03036   03075   - 00340   882.91259   6.62889   .01315
     1.204   2.016   11411   -.04684   - 26475   -.08676   02261   - 01410   882 72250   6.63048   .15468
     1.204   4.281   .10977   -.04781   -.26071   -.14212   .01718   -.02636   882 85225   6.61571   .29777
               GRADIENT - 00068   -.00076   .00017   - 02533   -.00287   - 00285   -.01799   .00179   .06515

LARC 8FT TPT 749 (IA93) OTSATI30+TSI   (SJJ063)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP = 400.0000 IN. ZT
SCALE	=	.0100	

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO. 249/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.237	-.14127	.03772	.32901	.19248	.00719	- 00606	767.21900	-6.60291	-.60283
.976	-6.958	-.12668	03918	.31116	.12231	.00804	-.00425	767.77591	-6.62895	-.42498
.976	-4 692	-.11489	.03955	29176	07022	.02585	-.00214	767.66708	-6.63576	-.27674
.975	-2 434	- 10482	04038	27381	.01451	.03213	- 00205	766.99316	-6.63063	-.12516
.975	-.203	-.10309	04158	.26340	- 04172	.02368	-.00521	767 32945	-6 61623	.01559
.975	2.037	-.09906	04242	.25723	- 09826	.00875	-.01470	767.51187	-6.60204	16034
.975	4.259	- 10042	.04440	26089	-.14781	- 00951	-.03327	767 61804	-6 59485	29639
	GRADIENT	.00155	00052	- 00351	-.02453	-.00420	-.00334	01863	.00493	.06400

RUN NO 247/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.111	-.12535	04239	.30917	14040	.04612	-.00588	863 19284	-6.69276	-.45020
1.150	-4 819	-.11415	04411	.29041	.07465	.04022	-.01749	863 17394	-6.69756	- 28083
1.150	-2.518	- 10877	04659	.27851	01817	.03459	-.03043	863 30882	-6.69721	-.12262
1.150	-.231	- 11078	04747	.27348	-.04023	.02660	- 03945	863 15374	-6.68379	02687
1.150	2.034	-.11115	04774	27111	-.09460	.01771	- 04640	863.46261	-6.67386	.16847
	GRADIENT	.00031	00052	- 00276	-.02478	-.00330	-.00419	03104	.00370	.06555

RUN NO. 245/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1 205	-9 532	-.14318	.04026	.33770	.23092	.05219	-.00567	882.37514	-6.68959	-.66373
1 205	-7 174	-.12824	04325	31272	.14246	.04470	- 01282	882 66047	-6.70090	-.45757
1 205	-4 839	- 11777	.04543	29539	.07340	.03777	-.02597	882 53107	-6.70995	-.27964
1 205	-2 523	-.11064	04617	.28035	01736	.03295	-.03671	882 48146	-6.69892	- 12242
1.205	-.238	-.11286	04658	.27553	- 04009	.02656	-.04483	882.61086	-6.69223	02756
1.205	2 036	-.11481	.04772	.27660	- 09250	.01800	- 05152	882 45332	-6 68147	.16903
1.205	4 303	-.11098	04910	27540	-.14567	.00693	- 05806	882.53311	-6.67277	.30733
	GRADIENT	.00041	.00039	- 00192	-.02399	-.00335	-.00346	-.00105	00402	.06416

LARC 8FT TPT 749 (IA93) OTSAT130+TS1   (SJJ064)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 248/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.148	-.00568	00127	02199	.21338	-00156	-.00687	767.20256	-.06926	-.60657
.976	-6 891	-.00242	.00075	.01807	.14548	-.00405	-.00651	767 82087	-.06523	-.43388
.975	-4 636	00259	-.00054	.00988	.08784	-00140	-.00536	767 69568	-.05679	-.28006
.975	-2.394	00450	-00085	.00352	.03307	01008	-.00456	767.39072	-.04409	-.13416
975	-.199	.00453	-.00152	-00087	-.02169	00594	-.00661	767.43563	-03405	-.00015
.975	2.018	.00250	-.00126	00047	-07885	-.00359	-00908	767 05156	-.03095	.14126
.975	4.223	.00047	-.00061	.00235	-13810	-.01592	-.01717	766 94393	-.03314	.28314
	GRADIENT	-.00028	-00002	-.00082	-02548	-00192	-.00127	-.08331	.00273	06335

RUN NO 246/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.150	-7.052	-.00226	.00116	.01564	.16844	.04014	-.00735	863.34790	-.04436	-.46398
1.150	-4.753	.00128	00014	.00934	.09928	.03305	-.00262	863 52183	-.03323	- 29120
1.150	-2.478	.00382	-.00077	00221	.03310	.02813	-.00722	863 28863	-.02168	- 13017
1.150	-.232	00196	-.00102	-.00033	-.02628	.02417	- 01945	863.23193	-.01188	.01398
1.150	2 018	- 00069	- 00069	.00217	- 08115	.01666	- 03158	863.67562	-.01230	15520
	GRADIENT	-.00034	-.00012	-.00107	-.02663	-.00235	-.00439	.01780	.00322	.06576

RUN NO. 244/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.407	- 00122	.00124	.01471	.23735	.04720	-.00684	882.84391	-.02856	-.64542
1.205	-7 075	00004	.00147	.01383	.16252	.04135	-.00348	883 02711	-.02831	-.45784
1.206	-4 751	.00222	.00098	.00900	.08970	.03526	-.00802	882 51815	-.02073	-.27915
1.206	-2 493	00555	-.00039	00101	.02681	.03091	-.01523	882 43835	-.00841	-.12188
1.205	- 239	00442	-.00063	-.00155	-.03043	02833	-.02680	882 52894	.00204	.02152
1.205	2.016	.00177	-.00057	-.00105	- 08118	.02236	- 03707	882 28301	.00690	15582
1 205	4 283	- 00023	-.00021	.00293	- 13376	.01359	-.04553	882 54382	-.00002	.29575
	GRADIENT	-.00038	-.00011	-.00063	-.02458	-.00230	- 00429	- 00458	.00251	.06323

LARC 8FT TPT 749 (IA93) OTSAT130+TSI-BASE TUBES   (SJJ065)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 255/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9.257	-.14231	.03819	.33208	.19261	.00524	-.00586	766.30106	-6.62526	-.60365
.976	-6.957	-.12561	03895	.30862	.12196	.00656	-.00415	767.46966	-6.64464	-.42438
.976	-4.698	-.11487	03967	.29179	.06939	.02484	-.00194	767.60582	-6.65638	-.27429
.975	-2.446	-.10504	.04051	27361	.01481	03156	-.00204	767.43702	-6.64748	-.12568
.975	-.218	-.10297	04165	.26299	-.04373	02305	-.00575	767.49828	-6.63518	.01987
.975	2.017	-.09970	04278	25868	-.09922	.00883	-.01535	767.37575	-6.62272	.16147
.975	4.248	-.10014	04448	26059	-.14940	-.01015	-.03434	767.02165	-6.61308	.30173
GRADIENT		.00156	00053	-.00346	-.02468	-.00414	-.00349	-.05500	.00498	.06438

RUN NO 253/ 0   RN/L =   4.20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7.133	-.12528	04236	.30846	.14101	.04637	-.00592	862.45288	-6.69856	-.45159
1.149	-4.837	-.11484	04449	.29194	07444	.04060	-.01745	862.37763	-6.70858	-.27999
1.149	-2.532	-.10953	04677	27980	01942	.03503	-.03018	862.62707	-6.70768	-.12547
1.149	-.244	-.11033	04735	.27261	-.03928	.02663	-.03913	862.41526	-6.69249	.02480
1.149	2.022	-.11138	.04787	.27204	-.09421	.01774	-.04705	862.04635	-6.68333	.16708
GRADIENT		00042	.00047	-.00293	-.02469	-.00337	-.00428	-.05250	.00397	06523

RUN NO. 251/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.559	-.14335	04052	.33838	23210	05113	-.00583	882.99037	-6.70205	-.66651
1.205	-7.181	-.12752	04319	.31110	14178	.04455	-.01303	882.89984	-6.70756	-.45574
1.205	-4.849	-.11745	04536	.29515	07333	.03790	-.02626	882.82005	-6.71329	-.27904
1.205	-2.536	-.11159	04651	.28133	.01520	.03281	-.03701	882.66251	-6.70450	-.11763
1.205	-.259	-.11376	04715	.27772	-.04005	.02682	-.04498	882.96530	-6.69027	.02749
1.205	2.015	-.11463	.04773	27627	-.09184	.01799	-.05165	883.00981	-6.68345	.16842
1.205	4.306	-.11061	.04900	.27422	-.14636	.00869	-.05978	882.81136	-6.67166	.30888
GRADIENT		.00047	.00037	-.00206	-.02390	-.00320	-.00349	01438	.00456	.06395

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (SJJ066)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 254/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-9 180	-.00602	00139	.02346	.21453	-.00180	-.00702	766.33093	-.06473	-.60851
.975	-6.901	-.00166	00068	01687	.14546	-.00429	-.00686	767.00953	- 06089	-.43426
.975	-4 641	.00268	- 00034	00934	.08683	-.00203	- 00566	766.97819	-.05055	-.27774
.975	-2.442	.00749	-.00164	-.00230	03502	.00876	-.00496	766.67035	-.03260	-.13952
.975	-.218	.00498	-.00155	- 00157	-.02215	.00563	-.00697	766.74659	- 02716	.00050
.975	2.009	.00240	-.00126	00084	- 08006	-.00367	-.00938	766.62401	- 02745	.14245
.975	4 216	.00025	-.00052	.00326	-.13962	- 01648	-.01747	766 62251	-.02860	.28558
	GRADIENT	-.00045	00000	- 00040	-.02563	-.00187	-.00127	- 03415	.00221	.06355

RUN NO 252/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.149	-7 059	-.00250	00146	.01661	.16809	04003	-.00762	862.76358	-.05142	-.46265
1 149	-4 787	.00115	00038	01048	.10036	.03295	-.00280	862 51095	-.04201	-.29376
1.149	-2 495	.00337	- 00047	00332	.03290	.02822	- 00758	862 68513	-.03074	-.12859
1 149	-.251	.00133	- 00072	00125	-.02619	.02427	-.01960	862.16251	-.01968	.01397
1.149	2.010	-.00096	- 00050	.00263	-.08174	.01648	-.03175	862 37601	-.01495	.15653
	GRADIENT	-.00037	- 00013	- 00113	-.02675	-.00236	- 00436	- 04080	.00408	.06599

RUN NO. 250/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
1.205	-9.429	-.00224	.00171	.01732	23811	04733	-.00688	882.91259	- 03711	-.64653
1.205	-7.092	.00033	.00158	.01337	.16236	.04121	- 00391	883.17806	-.03292	-.45660
1.206	-4.783	.00294	.00080	.00875	09036	03510	-.00836	883.01632	- 02484	-.28010
1.205	-2.502	.00595	-.00035	.00057	.02679	.03091	-.01535	882.67989	- 01231	-.12126
1.205	-.747	.00406	- 00046	-.00095	-.03072	.02805	-.02691	882 83947	-.00388	.02255
1.205	1 997	.00181	-.00044	-.00057	- 08142	.02248	-.03717	882 80062	.00140	.15673
1.205	4 271	00024	-.00030	.00217	- 13286	01406	-.04559	883.00111	- 00012	.29453
	GRADIENT	-.00042	-.00010	-.00063	-.02454	-.00223	-.00426	00394	.00279	.06314

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (SJJ067)   (24 JUN 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT
SCALE =   .0100

PARAMETRIC DATA

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO. 241/ 0   RN/L =   4 81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.975	-9 495	-.14375	.03810	.33418	.20197	.00735	-.00468	904 88051	-6.68574	-.62599
.975	-7.128	-.12843	.03955	.31449	.12780	.00795	-.00281	904.74299	-6 70699	-.43914
.975	-4,832	-.11593	.03987	29416	.07369	.02331	- 00051	905.26593	-6.70794	-.28624
.975	-2.534	-.10511	.04057	.27679	.01930	.03147	- 00021	904.77435	-6.70189	-.13697
975	-.224	-.10376	.04198	26523	- 04068	.02305	- 00417	905.06577	-6.68095	.01392
975	2 026	-.09934	04273	25916	-.09497	.00987	- 01294	905 00308	-6.66988	.15297
975	4 321	-.09837	04522	26052	- 15245	-.00424	- 03275	904.71161	-6.65900	.30368
	GRADIENT	00179	00056	- 00367	- 02478	-.00335	-.00337	- 03849	00568	.06428

' LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (SJJ068)   (24 JUN 76)

REFERENCE DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT
SCALE =   .0100

PARAMETRIC DATA

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO. 240/ 0   RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
975	-9.384	- 00639	.00157	.02359	.22081	-.00033	-.00570	905.17335	-.07573	-.62633
976	-7 072	-.00213	00084	01693	.15201	- 00331	-.00540	905.29724	-.06937	-.45077
.975	-4 786	.00273	- 00044	.00905	.09257	-.00106	-.00421	905.09711	-.05783	-.29319
.975	-2.509	.00605	-.00134	.00048	.03837	.00947	-.00315	904.80427	- 03748	-.14621
.975	- 240	00513	-.00165	-.00232	- 01725	00623	-.00490	904 34386	- 03078	-.00854
975	2.009	00242	- 00113	.00052	- 07514	-.00225	-.00754	904 77290	- 02992	13473
975	4 279	00002	-.00033	.00385	-.13596	-.01528	-.01558	904 91043	-.03212	.28034
	GRADIENT	-.00040	00002	-.00046	-.02519	-.00177	- 00120	- 01799	.00261	.06305

LARC 8FT TPT 749 (1/93) OTSAT130+TS2   (SJJ069)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 229/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.976	-9 254	.13014	- 03285	- 27941	.20459	.00000	-.00732	768.11210	6.49587	-.61529
976	-6 967	.12339	-.03523	- 27030	.13480	.00000	-.00778	767.85084	6.53140	-.43934
.976	-4 694	.11718	- 03810	- 26306	.07569	.00000	-.00758	767.84951	6.56288	-.28235
.976	-2.456	.11198	- 04121	- 25648	.02009	.00000	-.00668	767.69704	6.58237	-.13459
.975	-.213	.10912	-.04268	-.25452	- 03655	00000	-.00914	767.71065	6.59269	.00679
.975	2 004	.10134	-.04277	- 24854	-.09290	.00000	-.01511	767.52684	6.59376	14519
.975	4.253	.09522	-.04412	- 24041	- 15097	.00000	- 02148	767 89444	6.57877	.29490
	GRADIENT	-.00244	-.00061	00238	- 02533	.00000	-.00162	-.00355	.00193	.06416

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (SJJ070)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 243/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-8.595	-.13562	.03701	.31326	.18169	.00704	-.00573	383.27825	-6.36084	-.55718
.974	-6.459	-.12080	.03843	.29450	11840	.00798	- 00382	383.21852	-6.38542	-.39795
.975	-4.310	-.11108	.03904	.27940	06532	.01438	-.00281	383.52504	-6.39845	-.25300
.975	-2.199	-.10187	.03936	26272	.01395	01970	-.00321	383.34114	-6 39974	-.11708
.974	-.093	-.10013	.04017	.25361	- 04203	.01470	-.00553	383 37102	-6.39672	.01904
.974	2.021	- 09739	.04096	25052	-.09329	.00188	-.01306	383 46220	-6.39206	.14877
.974	4.149	- 09744	.04249	.25180	-.14400	-.01687	-.03237	383.27825	-6.38071	.28250
	GRADIENT	.00150	.00040	-.00319	-.02488	-.00380	-.00327	- 01764	.00204	.06324

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (SJJ071)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   242/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	C/N	CBL	CY	CLMU	CHEI	CHEO	Q(PSF)	BETA	CNU
.974	-8 54.1	-.00426	.00129	0.1891	.20284	-.00750	-.00805	383.03293	-.02644	-.56472
975	-6.409	- 00120	00084	01525	.14070	-.00796	- .00703	383.41738	-.02650	-.40652
.975	-4 298	00422	- 00078	.00589	.08453	-.00624	- 00603	383.51009	- 02236	-.26457
.975	-2 191	00567	- 00110	.00127	.03272	-.00047	-.00562	383.51009	-.01547	-.12866
.974	-.096	.00494	- 00151	-.00176	- 01843	-.00313	-.00834	383 24839	- 01021	-.00447
.974	2.016	.00378	- 00145	- 00185	-.07476	-.01140	-.01116	383 32464	-.00892	13073
.974	4 108	00129	- 00079	.00199	-.13328	-.02204	-.01650	383 03293	-.01285	.26691
	GRADIENT	- 00037	- 00002	-.00052	- 02584	-.00202	-.00126	-.05419	.00122	06291

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ001)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   1/ 0   RN/L =   4.48   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
599	-8 689	4.48142	-1.14370	-.03232	- 40770	.35647	-.03744	- 00487	-.01557
.599	-6 523	4 47487	- 89516	-.02844	- 29051	.32454	-.01414	- 00054	-.01112
.599	-4.386	4 47143	- 59708	-.02451	-.18094	.30305	01218	.00405	-.00604
.599	-2 250	4 47431	- 27984	-.00931	- 08125	.29035	03760	.00851	- 00064
.599	-.095	4 47461	09132	-.00376	02586	28313	06230	.01314	.00416
.599	2.034	4.47644	.46675	-.00713	.13112	28092	.08769	.01772	.00933
600	4.198	4.48120	.86718	- 01252	.24742	28531	.11403	.02277	.01401
	GRADIENT	00101	17133	.00122	.04984	-.00209	.01183	00217	.00233

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   4/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.545	3.16136	-1.11717	-6.32910	-.39532	.35386	-.04586	-.00508	-.01943
.599	-6.408	3.16597	-.86225	-6.36194	-.28128	.32622	-.02248	-.00082	-.01528
.599	-4.305	3.16611	-.58317	-6.37863	-.17828	.30570	.00015	.00312	-.01041
.599	-2.192	3.16266	-.25147	-6.38399	-.07354	.29243	.02017	.00682	-.00620
.599	-.054	3.16303	.12432	-6.38429	.03552	.28568	.04324	.01090	-.00107
.599	2.036	3.16188	.48489	-6.38033	.13808	.28477	.06704	.01512	.00342
.599	4.168	3.16110	.88332	-6.38299	.25598	.28979	.08922	.01943	.00723
	GRADIENT	-.00051	.17330	-.00024	.05101	-.00187	.01063	.00193	.00212

RUN NO.   11/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9 015	3.97057	-1 06278	-6.51832	-.46817	.44052	-.03910	-.00614	-.01795
.899	-6.714	3 96928	-.82587	-6.55943	-.33081	.40056	-.01796	-.00219	-.01368
.899	-4 575	3 97006	-.57212	-6 56484	-.21389	.37386	.00498	.00195	-.00877
.900	-2 377	3.97082	-.25201	-6 56514	-.09002	.35720	.02840	.00621	-.00450
.899	-.186	3 97005	.09809	-6.55945	.03424	.34902	.05261	.01075	.00010
.899	2 059	3.96939	.46509	-6.54399	.16251	.34942	.08124	.01586	.00531
.900	4 306	3.97155	.79761	-6.53968	.28822	.36135	.10545	.02051	.00892
	GRADIENT	.00003	.15572	.00322	.05662	-.00146	.01143	.00211	.00204

RUN NO   16/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9 233	4 07892	-.98534	-6.58705	-.52284	.53062	-.07074	-.01075	-.01805
.976	-6.943	4 07939	-.75153	-6.60849	-.36578	.48672	-.04189	-.00543	-.01402
.976	-4.684	4 08001	-.51835	-6.61849	-.23512	.45359	-.01460	-.00037	-.01013
.975	-2.444	4 07951	-.24351	-6.61079	-.10559	.43362	.01279	.00442	-.00508
.975	-.205	4.07530	.05420	-6.59754	.02315	.42706	.04024	.00932	-.00050
.975	2.029	4 07299	.34432	-6 58108	.14754	.42850	.06806	.01454	.00340
.975	4.275	4 07266	.63134	-6 57042	.27886	.44169	.09404	.01953	.00623
	GRADIENT	-.00095	.12894	.00562	.05721	-.00129,	.01217	.00223	.00184

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ002)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   27/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.118	4.17000	-.69616	-6.65426	-.38385	.55138	-.05089	- 00670	-.00908
1 149	-4.803	4.23916	-.45287	-6.66103	-.23509	.51912	-.02128	-.00123	-.00483
1.150	-2.522	4.24016	- 20497	-6.66026	-.10292	.50212	.01148	.00435	.00008
1 149	-.225	4.23436	.05294	-6.64463	02614	49369	04413	01030	.00383
1.149	2 025	4.23460	.30725	-6.64187	15201	.49473	.07383	01576	.00647
	GRADIENT	- 00086	11142	00321	05664	-.00359	.01396	.00250	.00165

RUN NO.   30/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9 542	4 21744	- 93011	-6 65151	-.57528	.61851	-.08567	-.01252	-.01061
1.205	-7.166	4 21745	-.69314	-6 65944	-.39162	56499	- 05738	- 00715	-.00765
1.205	-4 833	4 21665	-.44722	-6 66734	- 23789	.53192	- 02797	- 00144	-.00460
1.205	-2 524	4.21746	-.19346	-6.66330	-.09945	.51410	00505	.00465	-.00111
1.205	-.240	4 21785	05708	-6 65667	.02893	.50684	03651	.01043	00220
1.205	2.032	4 21725	.29245	-6 64637	.14876	.50868	.06282	01545	.00425
1.205	4 304	4 21785	.52304	-6 64136	.26953	.51532	.08638	.01973	.00611
	GRADIENT	00010	.10629	00302	.05533	-.00170	.01255	.00233	00117

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF	=	1290 3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	9.000		
SCALE	=	.0100						

RUN NO.   3/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.500	3.16418	-1.09164	-4.24598	-.38823	.35564	-.04367	-.00483	-.01898
.599	-6.391	3.16286	-.85167	-4.26440	-.27865	.32718	-.01938	-.00046	-.01455
.599	-4.283	3 16323	- 56430	-4.27565	-.17353	.30752	.00387	.00359	-.00981
.599	-2.162	3.16436	-.25098	-4.27784	-.07412	.29532	02758	.00771	-.00487
.599	-.077	3 16349	.10168	-4.28149	.02929	28808	.04860	.01166	-.00051
.599	2.029	3 16349	.47565	-4.28188	.13567	28524	.07226	.01605	.00394
599	4.138	3.16139	.84963	-4 27648	24598	28952	.09593	.02039	.00873
GRADIENT		-.00022	.16899	-.00027	.04986	- 00219	01088	.00199	.00218

RUN NO.   10/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8 989	3.97008	-1 07199	-4.37029	-.47467	.44279	-.03936	-.00599	-.01839
.900	-6 786	3.96903	- 85295	-4.38110	-.34331	.40249	-.01737	-.00198	-.01354
.899	-4 539	3.96953	-.57777	-4.38537	-.21490	.37195	.00525	.00230	-.00900
.899	-2.273	3 96837	- 24242	-4.38684	-.08548	.35263	.03076	.00676	-.00386
.899	-.144	3.96840	.09414	-4.37765	.03234	.34351	.05783	.01174	.00099
.900	2 146	3.97001	.49971	-4 37060	.17262	34545	.09002	.01774	00625
.899	4 252	3.96979	.79993	-4.36508	.28560	.35703	.11414	.02224	.00992
GRADIENT		00010	.15900	.00258	.05724	-.00170	.01259	.00231	.00218

RUN NO   15/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.195	4 07913	- 97813	-4 44138	-.52152	.53318	-.06845	-.01022	-.01786
.976	-6.911	4 07954	-.75011	-4 45135	-.36421	48555	-.03699	-.00474	-.01321
.975	-4 664	4 07793	- 51980	-4.45264	-.23580	45364	-.00980	.00037	-.00915
.975	-2 429	4.07912	- 25574	-4 44714	- 11079	43323	.01794	.00530	-.00436
.975	-.207	4 07856	.03390	-4 43688	.01438	.42406	.04531	.01029	.00038
975	2.040	4 07777	.33269	-4.43007	14124	.42453	07694	01616	.00445
.975	4.262	4 07783	.61912	-4.42548	.27168	.43881	10518	.02159	.00756
GRADIENT		-.00007	.12841	00320	05676	-.00172	.01295	00239	.00189

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ003)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   26/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.114	4.16955	-.70587	-4.45272	-.38904	55115	-.04540	-.00587	-.00866
1.149	-4.784	4 16971	-.46056	-4.45301	-.23819	51717	-.01367	-.00005	-.00443
1.149	-2.503	4.16935	-.20843	-4 44740	-.10403	49913	.01908	00600	-.00008
1.149	-.238	4 17039	.05077	-4 43810	.02491	.49054	.05193	.01227	.00341
1.149	2 030	4 16971	30337	-4 43458	14865	.49000	.08272	.01775	.00610
	GRADIENT	.00005	.11234	.00284	.05679	-.00397	01418	.00263	.00155

RUN NO   29/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.473	4.21428	- 91211	-4 43404	-.56262	.61684	- 07998	- 01170	- 01042
1.205	-7 114	4.21668	- 68697	-4 44578	- 38713	56353	- 04941	- 00597	-.00713
1 205	-4.797	4.21428	-.44742	-4.45019	-.23689	.52946	-.01841	.00008	-.00435
1 205	-2.488	4 21784	- 18737	-4 43839	-.09584	.51150	01742	.00684	-.00102
1 205	-.235	4.21944	05338	-4.42812	02688	50358	04862	01251	.00224
1.205	2.026	4 21844	29166	-4 42409	.14710	.50436	.07684	01758	.00511
1 205	4.297	4 21902	.52328	-4 41721	.26794	51204	.09864	02176	00655
	GRADIENT	00045	10662	.00354	.05518	- 00186	.01293	00238	.00123

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ004)   (30 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.600	-8.465	3 16200	-1.11552	-.02708	-.39448	.35363	-.04431	-.00498	-.01831
599	-6 364	3 16487	-.86235	-.02286	-.27879	32329	-.01859	-.00041	-.01337
599	-4.260	3.16822	- 59306	-.01839	-.17963	30289	.00568	.00382	-.00838
599	-2.164	3.16658	- 27123	- 00720	-.07861	.28984	03253	.00837	-.00281
.600	- 076	3 16681	08246	-.00407	.02335	.28320	05500	01266	.00164
.599	2.023	3 16321	.46301	-.00207	.12971	.28014	.07972	.01727	.00658
599	4.126	3.16090	84766	-.00682	.24158	28500	10447	.02205	.01116
	GRADIENT	- 00086	.17252	.00135	.05013	-.00217	.01168	.00216	.00231

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
898	-8.945	3 96296	-1 10502	-.02337	-.48456	.43851	- 04654	-.00700	-.01768
.900	-6 743	3 96929	- 89822	- 01851	-.35448	.39465	- 02160	-.00261	-.01238
900	-4.529	3.97053	- 61177	-.01573	-.22061	.36060	00596	00234	-.00687
.900	-2.338	3.97030	- 29630	-.00309	-.10111	.34122	03530	.00734	-.00046
.899	- 151	3.96954	.08833	,00718	.02942	33311	06949	01358	.00516
.900	2.071	3 97207	.49784	.01383	.16777	.33700	.10577	02022	.01044
900	4 244	3.97133	.82820	.01805	.28915	.34913	.13368	02490	.01483
	GRADIENT	.00015	.16736	.00385	.05869	-.00124	01485	00264	.00247

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9 168	4 08455	-.99713	-.03126	- 52858	53010	-.06243	-.00928	-.01683
.976	-6 890	4 08301	-.78447	-.02572	-.37858	48260	-.03086	- 00364	-.01182
.976	-4 641	4 07918	- 54010	-.02188	-.24203	44813	-.00002	.00196	-.00674
.976	-2.419	4.07526	- 27783	- 00674	- 11865	42706	.03099	00742	-.00095
.975	-.207	4 07476	.00775	.00684	00323	.41744	06375	01334	.00466
.975	· 2.007	4 07476	.30448	.00968	12723	.41785	09414	.01913	.00857
.975	4 228	4 07388	60021	00763	25694	42809	12427	.02432	.01207
	GRADIENT	- 00050	.12917	.00340	05612	-.00222	01406	00255	.00213

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ004)   (30 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN. XT	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	
SCALE = .0100		

BETA = .000   ELV-LI = 10.000
ELV-LO = 9.000   ELV-RI = 10.000
ELV-RO = 9.000

RUN NO   0/ 0   RN/L =   4.18   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.054	4.17476	-.71980	-.03451	-.39447	.54803	-.03227	-.00393	-.00682
1.149	-4.759	4.17365	-.48207	-.02759	-.24758	.51357	.00393	.00298	-.00299
1.149	-2.484	4.17664	-.21663	-.01395	-.10723	.49500	.04504	.01040	.00163
1.149	-.237	4.17757	.03833	-.00391	.01863	.48612	.07850	.01663	.00472
1.149	2.010	4.17597	.28912	-.00470	.13984	.48369	.10854	.02177	.00822
GRADIENT		.00035	.11389	.00349	.05712	-.00437	.01540	.00278	.00163

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.396	4.22516	-.91549	-.01524	-.55829	.60983	-.07111	-.01033	-.01017
1.205	-7.077	4.22121	-.70456	-.01413	-.39356	.55860	-.03527	-.00369	-.00653
1.206	-4.756	4.21768	-.45659	-.00501	-.23945	.52443	.00351	.00379	-.00392
1.206	-2.461	4.21490	-.19544	.00683	-.09876	.50530	.04059	.01051	-.00035
1.205	-.230	4.21588	.04729	.02006	.02354	.49768	.07454	.01661	.00311
1.205	2.024	4.21905	.27602	.01936	.13697	.49624	.10059	.02126	.00616
1.205	4.272	4.21923	.51301	.01916	.25813	.50316	.12491	.02557	.00894
GRADIENT		.00032	.10695	.00270	.05461	-.00230	.01344	.00241	.00143

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   5/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.491	3.16666	-1.11462	4.18950	-.39388	.35338	-.04608	-.00532	-.01801
.599	-6.379	3 16329	-.86672	4.21050	-.28153	.32482	- 02136	-.00070	-.01340
.598	-4 290	3.15978	-.60487	4.22699	-.18450	.30502	00283	.00375	-.00856
.598	-2.181	3 15923	-.25725	4 24023	-.07485	.29095	.03072	00870	-.00294
598	- 077	3 16032	.10163	4 24736	.02894	.28471	.05696	.01360	-.00220
599	2 029	3 16105	.48525	4 24553	.13692	28216	.08468	01870	.00769
599	4 132	3 16231	.83531	4 23661	.24030	.28768	.11039	02352	.01242
	GRADIENT	.00033	17207	.00117	.05041	- 00207	.01278	.00235	.00250

RUN NO   8/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
900	-8.993	3.96989	-1.09136	4.29420	- 48090	.44064	-.04399	-.00651	-.01612
.900	-6.785	3 97190	-.87079	4.32445	-.34672	39816	-.01627	-.00186	-.00943
.900	-4.515	3 97192	-.58331	4.33690	-.21477	36819	.01677	.00405	-.00290
.901	-2.357	3 97270	- 27223	4 35666	- 09547	.35071	04919	.00999	.00310
.900	-.191	3 97146	08241	4.36283	.02819	.34204	08313	.01626	.00828
.899	2 058	3 96905	47877	4 36101	.16320	.34088	.11908	.02260	.01367
.900	4.229	3.97008	.81360	4 34847	.28921	.35547	14662	02703	.01765
	GRADIENT	- 00034	16187	00124	05783	-.00160	01505	.00267	.00236

RUN NO   13/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
975	-9.194	4.07722	- 98805	4.34619	-.52367	.53000	- 05322	-.00778	-.01559
.976	-6 921	4 07593	-.77250	4 37409	-.37346	48345	-.01981	-.00174	-.00990
.975	-4 657	4.07794	- 52861	4 38961	-.23780	44986	.01469	.00442	-.00397
.975	-2 421	4.08204	- 25890	4.40296	-.11115	.42932	.04972	.01078	.00197
.975	-.206	4.08180	03325	4.41341	.01403	.42198	.08401	.01720	.00685
.975	2.013	4.08517	.32326	4.40923	.13586	.42030	11685	.02266	.01227
.975	4 252	4 07725	.63140	4 39216	.27279	.43204	.14740	02806	.01504
	GRADIENT	00008	.13042	00051	.05699	-.00201	01494	00266	.00217

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ005)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO   24/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
     1.149   -7.096   4.17280.   -.71434   4.39050   -.39544   .55358   -.02050   -.00154   -.00783
     1.149   -4.786   4.17361   - 46752   4.41042   -.24209   .51782   .02591   .00679   -.00313
     1.149   -2.493   4.17340   - 20964   4.42809   -.10407   .49641   06502   .01385.   .00091
     1 149   -.243   4 17334   .04302   4 43315   .02095   .48709   .09810   .01977   .00468
     1.149   2 018   4 17358   .30499   4 43485   .14786   .48480   .12722   .02494   .00830
              GRADIENT   - 00001   .11341   00346   .05714   -.00479   .01487   .00266   .00168

                    RUN NO.   31/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

     MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
     1.205   -9.485   4.21113   - 91796   4.38876   -.56567   .61622   - 06557   -.00877   -.01404
     1.205   -7 119   4.21075   - 69883   4.40968   -.39468   .56477   - 02375   -.00125   -.01042
     1.205   -4.803   4 21231   -.45908   4.42885   - 24264   .52853   .01870   .00640   -.00643
     1.205   -2.509   4 21627   - 20333   4.44371   -.10310   .50703   .05542   .01311   -.00278
     1.205   -.235   4 21685   04848   4.45322   .02412   .49747   09016.   .01905   00187
     1.205   2.022   4 21725   28786   4.45467   .14278   .49601   .11754   .02397   .00557
     1.205   4 280   4 21805   52238   4.44486   .26315   .50375   .14150   .02816   .00858
              GRADIENT   00055   .10813   .00190   .05541   -.00268   .01356   .00240   .00169

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130

(TJJ006)   (24 JUN 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT
SCALE =   .0100

BETA   =   6.000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO   6/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.530	3.16266	-1.13868	6.29740	-.40311	.35402	-.04882	-.00559	-.01841
.599	-6.422	3.16496	-.89188	6.33191	-.28968	.32480	-.02253	-.00085	-.01323
599	-4.297	3 16562	-.60267	6.35996	-.18353	.30452	.00596	.00418	-.00757
599	-2.196	3.16456	-.27088	6.37748	-.07868	.29044	.03158	.00902	-.00247
.599	-.080	3.16283	10754	6.38778	.03042	.28290	.05942	.01414	.00286
.599	2.048	3.16139	.50718	6 38336	.14276	.28148	.08717	01941	.00816
.599	4 157	3 16105	.90027	6 36954	.25729	.28580	.11654	.02493	.01347
	GRADIENT	-.00058	.17890	.00118	.05215	-.00219	01309	.00245	.00249

RUN NO.   9/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.055	3 97078	-1.09325	6.42430	-.48305	.44185	-.04387	- 00645	-.01535
.900	-6.800	3.97001	-.87761	6 46274	-.35081	39974	-.01591	-.00172	-.00856
.899	-4.569	3 97057	- 60250	6.48821	-.22367	37124	01719	.00420	-.00223
.899	-2.408	3 97034	-.29432	6 50933	-.10404	.35350	.05125	.01042	.00393
.899	-.161	3.96946	.08550	6 51772	.02944	.34436	.08828	.01736	.00940
.899	2.072	3.96974	.46107	6.51265	.15944	.34580	.12474	.02354	.01520
.900	4.265	3.97298	.79946	6 49526	28597	.35770	14777	02692	.01806
	GRADIENT	.00019	.16073	00078	.05792	-.00157	.01511	00264	.00234

RUN NO.   14/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
975	-9.243	4 08211	-.99618	6 49070	- 52861	53063	-.05270	- 00754	-.01553
.976	-6.962	4.08438	- 77998	6.51860	- 37815	.48483	-.01790	-.00135	- 00941
.975	-4.688	4.08002	-.53339	6.54079	- 24112	45204	.02035	.00538	-.00294
.975	-2 427	4 08025	-.25536	6 55396	- 10998	.43069	.05654	01234	.00321
975	-.200	4 07882	.04361	6.56283	.01840	.42196	.09228	.01857	.00815
975	2.015	4.08177	.32920	6 55743	.13872	42139	.12518	.02400	.01326
.975	4.276	4 07654	.63511	6 53649	.27440	.43205	.15786	.02963	.01610
	GRADIENT	-.00024	.13060	- 00023	.05721	-.00220	.01527	00269	.00215

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ006)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000 ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000 ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   25/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.138	4.17126	-.71593	6.56422	-.39655	.55389	- 01347	-.00019	-.00858
1.149	-4.813	4.17208	-.47483	6.58794	-.24674	.51963	.03379	.00799	-.00369
1 149	-2.528	4 17226	- 22012	6.60450	-.10949	.49740	07212	.01507	-.00001
1.149	-.248	4 17221	.04636	6.61810	02253	.48603	10665	.02107	.00438
1 149	2.029	4 17194	30848	6.62008	.14970	.48528	.13733	02632	.00838
	GRADIENT	- 00002	11472	.00483	.05794	-.00502	.01513	.00267	.00178

RUN NO   32/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.534	4 21865	- 93141	6 58547	-.57564	61804	-.06164	-.00765	-.01563
1 206	-7 166	4.21648	-.70869	6 60846	-.40046	56507	-.01978	-.00054	- 01166
1.206	-4 829	4.21549	-.46820	6.63516	-.24751	52864	.02497	00742	- 00757
1.205	-2 542	4.21368	-.22468	6.65014	-.11390	50693	.06092	01392	- 00377
1.205	-.247	4.21605	.04382	6.65719	.02177	.49679	.09590	.02004	.00068
1.205	2.033	4 21825	.29141	6 65995	.14469	49650	.12599	.02513	.00495
1 205	4.297	4 21725	.53239	6.64226	.26780	.50301	15022	.02930	.00819
	GRADIENT	.00035	.11028	.00106	.05648	-.00271	01383	.00241	.00176

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   55/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.600	-8.556	3.16580	-1.18682	-6.32292	-.42791	.36055	-.08808	-.01024	-.02517
.600	-6.435	3.16654	- 94957	-6.35334	-.31356	.33021	-.06689	-.00622	-.02120
.599	-4.320	3.16323	- 67463	-6 36990	-.20793	30821	-.04536	-.00228	-.01707
599	-2.209	3.16482	- 35649	-6.37367	-.10533	.29547	-.02225	.00161	-.01164
.600	-.081	3.16485	.01254	-6.37426	00359	28669	-.00226	.00532	-.00742
.599	2.021	3.16658	.38014	-6.36937	.10818	.28457	.02252	.00950	-.00233
.600	4.136	3.16753	.74984	-6.35872	.21605	28813	04456	.01358	00210
	GRADIENT	00049	.16959	00126	.05021	-.00242	01062	.00187	.00225

RUN NO.   35/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9.060	3.96891	-1.10943	-6.51595	-.49393	.44521	- 06919	- 01015	-.02041
.899	-6 831	3 96946	- 87710	-6.55357	- 35541	.40521	-.04418	- 00556	-.01587
.899	-4.606	3.96801	- 62668	-6.56007	-.23598	.37656	-.02212	-.00142	-.01140
.899	-2.385	3 97010	- 30852	-6.56597	-.11089	35942	.00096	.00280	-.00689
.900	- 182	3 97007	.03719	-6.55663	01302	.35017	.02451	.00697	- 00174
.900	2.021	3.97059	.36822	-6 54562	12894	.35018	.04988	.01131	.00378
899	4.254	3 96981	.70540	-6 53608	25306	.35874	.07300	.01562	.00769
	GRADIENT	.00018	.15099	00309	05504	- 00203	.01081	.00192	.00221

RUN NO.   40/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-9 237	4.08225	-1 01638	-6 58892	-.54228	53354	- 09619	-.01468	- 01875
.975	-6 960	4 08376	-.79411	-6.61271	-.38776	.48830	- 06959	-.00952	-.01524
975	-4 711	4 08652	- 56314	-6 62058	- 25632	.45515	-.04091	- 00446	-.01043
975	-2.459	4.09057	- 29044	-6 62269	-.12613	.43427	-.01314	.00046	- 00559
975	-.230	4 08744	-.00638	-6.61233	-.00273	.42773	.01350	.00504	-.00095
.975	2.006	4.08133	.28590	-6 60390	.12281	42957	.04016	01006	.00291
.975	4.259	4.07650	.56698	-6.59473	.24962	44025	.06581	.01502	.00599
	GRADIENT	- 00131	.12660	00315	.05627	- 00154	01191	.00217	.00185

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ007)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	BETA	=	-6.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE	=	.0100							

RUN NO.   50/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.143	4 20789	-.72109	-6.63935	-.40038	.55525	-.06992	-.00981	-.00892
1.149	-4.831	4.20831	-.48536	-6.64241	-.25316	.52159	-.04097	-.00453	-.00474
1.148	-2.530	4 20714	- 23091	-6.63938	- 11617	.50310	-.01079	.00091	-.00039
1 149	-.263	4 20826	.01737	-6.62643	00860	.49502	02009	.00659	.00319
1.149	2.012	4.20823	.27663	-6.62084	13715	.49581	05067	.01234	.00558
	GRADIENT	00004	.11117	.00340	05684	- 00375	.01341	.00247	.00152

RUN NO.   45/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9 553	4 21646	-.95292	-6.66691	-.58835	.61742	- 09505	-.01489	-.00959
1.205	-7.185	4 21567	- 71656	-6 67448	-.40356	56319	- 05674	-.00955	-.00663
1.205	-4.853	4 21587	-.47172	-6.68746	-.24972	.52939	- 03810	-.00406	-.00329
1.205	-2 542	4 21449	-.21838	-6.67815	- 11163	.51118	-.00630	00187	-.00013
1.205	- 264	4 21469	.02852	-6.66809	01435	.50324	02491	.00770	.00314
1.205	2 009	4 21408	26908	-6.66328	13578	.50461	05226	.01288	.00526
1.205	4 282	4.21528	50317	-6.65809	.25719	.51113	.07681	.01735	.00727
	GRADIENT	- 00007	10680	00323	.05527	- 00189	.01264	.00236	.00116

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ008)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   54/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.515	3.16237	-1.16297	-4.20840	-.41827	.35966	-.08657	-.01005	-.02473
.600	-6.406	3.16562	-.93186	-4.22959	-.30839	.33094	-.06643	-.00609	-.02120
.600	-4.303	3.16761	-.67041	-4.24515	-.20807	.31035	-.04316	-.00201	-.01672
.600	-2.198	3.16753	-.35244	-4.25512	-.10458	.29674	-.01846	.00210	-.01128
.600	-.095	3.16909	-.01647	-4.25486	-.00475	.28870	.00415	.00612	-.00652
.599	2.012	3.16839	.35771	-4.25166	.10172	.28436	.02720	.01026	-.00150
.599	4.121	3.16943	.73233	-4.24736	.21073	.28775	.05031	.01455	.00300
GRADIENT		.00021	.16695	-.00005	.04957	-.00273	.01105	.00196	.00234

RUN NO.   34/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9.015	3.96906	-1.10891	-4.33574	-.49485	.44625	-.06958	-.00995	-.02058
.899	-6.798	3.96725	-.89202	-4.35161	-.36094	.40463	-.04428	-.00532	-.01602
.899	-4.574	3.96777	-.62308	-4.35814	-.23349	.37473	-.02128	-.00108	-.01127
.899	-2.393	3.96765	-.32306	-4.35940	-.11466	.35491	.00108	.00298	-.00641
.899	-.175	3.97049	.03905	-4.35597	.01346	.34460	.02865	.00778	-.00068
.899	2.023	3.97135	.39444	-4.34990	.13522	.34282	.05679	.01269	.00522
.899	4.226	3.97228	.71513	-4.34332	.25346	.35442	.07906	.01703	.00839
GRADIENT		.00058	.15416	.00178	.05559	-.00239	.01165	.00209	.00231

RUN NO.   39/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-9.197	4.07894	-1.00940	-4.37950	-.54128	.53624	-.09249	-.01400	-.01813
.976	-6.934	4.08262	-.79521	-4.39390	-.38946	.48976	-.06579	-.00892	-.01459
.975	-4.672	4.07440	-.56415	-4.39682	-.25724	.45597	-.03742	-.00385	-.01000
.975	-2.446	4.07000	-.30617	-4.38607	-.13288	.43400	-.00970	.00111	-.00523
.975	-.212	4.06855	-.01495	-4.37137	-.00635	.42458	.01824	.00615	-.00016
.975	1.997	4.07000	.27296	-4.36652	.11593	.42471	.04721	.01163	.00385
.974	4.238	4.07411	.55909	-4.35984	.24410	.43659	.07551	.01704	.00696
GRADIENT		-.00003	.12692	.00420	.05621	-.00216	.01270	.00235	.00193

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ008)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   49/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.104	4.20862	-.72858	-4.42889	-.40351	.55382	-.06337	-.00887	-.00829
1.149	-4.795	4.20541	-.48821	-4.42960	-.25363	.51951	-.03216	-.00323	-.00379
1.149	-2.501	4.20644	-.23528	-4.42628	-.11779	.50064	.00009	.00276	.00055
1.149	-.250	4.20620	.01949	-4.41150	.00958	.49158	.03283	.00891	.00382
1.149	2.002	4.20684	.26714	-4.41185	.13115	.49095	.06290	.01451	.00614
	GRADIENT	.00018	.11133	.00300	.05661	-.00419	.01404	.00262	.00146

RUN NO   44/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.494	4.21329	-.93516	-4.42811	-.57545	.61535	-.08931	-.01403	-.00956
1.205	-7.135	4.21330	-.71458	-4.43720	-.40115	.56138	-.05975	-.00846	-.00639
1.205	-4.816	4.21370	-.47286	-4.44123	-.24892	.52842	-.02798	-.00245	-.00316
1.205	-2.522	4.21449	-.21841	-4.43039	-.11091	.50783	.00704	.00412	.00036
1.205	-.244	4.21429	.02974	-4.41979	.01486	.49958	.03954	.01012	.00361
1.205	2.003	4.21428	.26737	-4.41777	.13368	.49998	.06634	.01513	.00583
1.205	4.263	4.21585	.50077	-4.41234	.25418	.50758	.08915	.01944	.00746
	GRADIENT	.00018	.10727	.00311	.05515	-.00202	.01295	.00242	.00118

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA = .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-LO = 4.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE = .0100

RUN NO. 53/ 0   RN/L = 3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.496	3 15490	-1.18700	.00403	-.42195	.35547	-.08869	-.01054	-.02451
.600	-6.384	3.17082	-.95562	.00469	-.31110	.32555	-.06445	-.00621	-.01971
.600	-4.283	3.17437	-.68139	.01273	-.20657	.30316	-.03866	-.00168	-.01455
.599	-2.190	3.17218	-.37590	.01702	-.10942	.29108	-.01446	.00252	-.00970
.600	-.090	3.17556	-.01823	.02068	-.00517	.28341	.01118	.00705	-.00404
.599	2.008	3.16981	.35375	.02354	.09906	.28004	03376	.01142	.00039
.600	4.108	3.17014	.72905	.01647	20569	.28214	05976	.01609	.00568
GRADIENT		-.00052	.16924	.00067	04924	-.00253	01168	.00212	.00241

RUN NO. 33/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8.960	3.97526	-1.14124	-.03323	-.50260	.44040	-.07688	-.01105	-.01981
.900	-6.759	3 97402	-.92882	-.02265	-.36673	.39484	-.04733	-.00593	-.01397
.899	-4.551	3.97151	-.65453	-.01970	-.23679	.36177	-.02129	-.00126	-.00866
.899	-2.349	3 96990	-.34537	-.01299	-.11794	.34148	.00905	.00388	-.00212
.899	-.179	3.96998	.01608	-.00158	.00535	.33268	.03752	.00903	.00353
.898	2.001	3.96740	.39468	.00684	.13146	.33308	.06852	.01431	.00983
.900	4.217	3.96978	.73716	.00350	.25558	.34671	.09398	.01877	.01326
GRADIENT		- 00027	.16098	.00302	.05639	-.00176	.01325	.00231	00255

RUN NO. 38/ 0   RN/L = 4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.164	4 09355	-1.02960	-.02549	-.54844	.53267	-.08779	-.01322	- 01742
.976	-6.907	4.09541	- 82049	-.01483	- 39853	.48573	-.05618	-.00760	-.01221
.975	-4.659	4.08697	- 58654	- 00653	- 26356	.44935	-.02593	-.00220	-.00704
.976	-2.428	4.08402	- 32840	.00545	-.14072	.42850	.00366	.00307	-.00153
975	-.221	4 07669	-.05678	.01189	- 02374	.41803	03500	.00880	.00373
.974	1.998	4.07235	.24997	.01945	.10401	.41607	.06661	.01490	.00785
.974	4.208	4.07372	.54630	.01068	.23307	42663	.09491	.02007	.01113
GRADIENT		-.00172	.12834	.00219	.05587	-.00261	.01375	.00254	00206

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

            RUN NO.   48/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.071	4 21098	-.75044	-.02794	-.41332	.65077	-.05338	-.00730	-.00682
1.149	-4.774	4 20910	-.51272	- 01978	-.26414	.51518	-.01589	-.00034	-.00238
1.149	-2.494	4.20826	-.24548	- 01113	-.12169	.49573	.02386	.00697	.00150
1.149	-.253	4.20720	.00214	.00296	.00104	.48616	.05915	.01341	.00513
1.148	2 015	4.20775	25604	.00056	.12381	.48356	08829	.01864	.00804
	GRADIENT	-.00023	11297	.00332	.05691	-.00462	.01539	00280	.00154

            RUN NO   43/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.422	4 21823	- 93450	-.03348	-.56862	60848	- 07974	-.01269	-.00893
1 205	-7 096	4.21706	-.73028	-.03184	-.40624	.55627	-.04363	-.00604	-.00514
1.206	-4.781	4 21707	- 48997	- 02526	-.25567	.52182	-.00663	.00116	-.00254
1 205	-2.494	4 21627	- 22705	- 01264	-.11395	.50188	.03130	.00815	.00071
1.205	- 242	4.21686	01873	.00039	.00924	.49324	.06578	.01431	00425
1.205	2.005	4 21705	.25541	-.00081	.12558	.49168	09312	.01921	.00738
1.205	4.246	4.21784	.48803	-.00411	24319	.49831	.11551	.02339	00944
	GRADIENT	.00010	.10813	.00241	.05487	-.00255	.01358	.00246	.00136

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   56/ 0   RN/L =   3.17   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.600	-8.511	3.16943	-1.18527	4.21766	-.42657	.35989	-.09149	-.01107	-.02416
.600	-6.409	3 16764	-.95798	4.24025	-.31578	.32963	-.06623	-.00644	-.01941
.600	-4.306	3.16931	-.69015	4.25949	-.21310	.30878	-.04362	-.00202	-.01513
.600	-2.203	3 16721	-.37639	4.27405	-.11070	.29411	-.01746	.00273	-.00964
.600	-.099	3.16493	-.02953	4.28150	-.00845	.28605	.01028	00761	-.00378
.599	2 010	3 16407	35237	4.28237	.09972	.28300	.03702	01264	00137
.600	4.125	3 16922	.71519	4.26896	20482	.28639	.06251	.01742	.00651
	GRADIENT	- 00016	.16795	.00129	.04965	-.00265	.01266	.00232	.00258

RUN NO.   36/ 0   RN/L =   3 97   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.013	3.97033	-1.13058	4.31589	-.50248	.44444	-.07223	-.01038	-.01791
.899	-6.783	3.96777	-.89965	4.34832	- 36005	.40021	-.04255	-.00521	-.01163
.899	-4.562	3.97081	- 63433	4.35876	-.23461	.36985	-.01101	00037	-.00502
.899	-2 375	3 96938	- 33477	4 37895	-.11748	.35094	.02052	.00592	.00151
.899	-.180	3.97002	.00842	4 38887	.00287	34145	.05085	01145	.00726
.899	2.010	3.97000	.37744	4 38645	.12872	.34104	.08135	.01658	.01282
.899	4.232	3.96899	71463	4.37863	.25290	35388	.10575	.02043	.01551
	GRADIENT	-.00014	.15520	00214	.05558	- 00190	.01339	.00231	.00238

RUN NO.   41/ 0   RN/L =   4.08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.216	4.08334	-1.02650	4 33639	- 54782	.53368	- 08094	-.01210	-.01654
.975	-6.939	4 08438	- 81514	4 36237	- 39585	48563	-.04513	-.00590	-.01024
.975	-4.677	4.08507	- 57893	4 37643	-.26115	45109	- 01176	.00012	-.00444
.975	-2 452	4 08256	- 31264	4 38998	- 13446	.43009	.02218	.00629	.00129
.975	- 228	4.08090	-.02798	4.39563	- 01179	.42149	.05708	.01288	.00634
.975	1.990	4.07923	26498	4.39590	.11115	41946	.08800	01859	01062
.974	4.224	4.07573	56446	4 38299	.24216	42902	.11829	.02367	01493
	GRADIENT	-.00099	12877	00085	05630	- 00246	01465	00267	00216

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ010)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT	BETA =	4.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE	=	.0100							

RUN NO. 51/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.109	4.20765	-.73914	4.37167	-.41100	.55605	-.03874	-.00475	-.00701
1.149	-4.796	4.20702	-.50352	4.39408	-.26205	.52044	.00676	.00348	-.00268
1.149	-2.522	4.20647	-.24866	4.40878	-.12387	.49816	.04486	.01056	.00113
1.149	-.244	4.20548	.01293	4.42245	.00631	.48796	.07906	.01681	.00466
1.149	1.999	4.20532	.26682	4.41793	.12952	.48543	.10778	.02198	.00795
	GRADIENT	-.00027	.11352	.00377	.05758	-.00509	.01488	.00273	.00156

RUN NO 46/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.491	4.21745	-.93867	4.37414	-.57654	.61421	-.07270	-.01108	-.01214
1.205	-7.140	4.21628	-.72487	4.39499	-.40765	.56238	-.03135	-.00350	-.00869
1.205	-4.820	4.21490	-.48308	4.41305	-.25393	.52565	.01093	.00431	-.00534
1.205	-2.515	4.21409	-.22620	4.42700	-.11397	.50384	.04866	.01113	-.00139
1.205	-.255	4.21448	.02406	4.43793	.01189	.49418	.08091	.01705	.00243
1.205	1.989	4.21526	.26378	4.44109	.12981	.49212	.10916	.02204	.00600
1.205	4.270	4.21545	.50400	4.42825	.25179	.49959	.13442	.02647	.00913
	GRADIENT	.00010	.10863	.00196	.05534	-.00282	.01356	.00244	.00160

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ011)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI = 10.000
ELV-LO	=	4.000	ELV-RI = 10.000
ELV-RO	=	4.000	

RUN NO.   57/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.600	-8.561	3.16894	-1.21150	6.29387	-.43753	.36114	-.09525	-.01156	-.02451
.600	-6.437	3.17076	-.97320	6.33093	-.32029	.32911	-.06845	-.00663	-.01941
.600	-4.314	3.16839	-.69455	6.37074	-.21373	.30773	-.04332	-.00182	-.01462
.600	-2.214	3.16894	-.39228	6.39519	-.11218	.29344	-.01449	.00324	-.00858
.600	-.098	3.16655	-.01239	6.40437	-.00353	.28499	.01220	.00828	-.00335
.600	2.030	3.16721	.38097	6.40083	.10761	.28245	.03986	.01341	.00229
.599	4.133	3.16378	.74800	6.38825	.21336	.28524	.06611	.01826	.00750
GRADIENT		-.00052	.17261	.00192	.05081	-.00265	.01292	.00238	.00261

RUN NO.   37/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9.059	3.96750	-1.12846	6.46081	-.50067	.44367	-.07342	-.01032	-.01784
.899	-6.826	3.96931	-.91580	6.49924	-.36825	.40211	-.04335	-.00524	-.01113
.899	-4.591	3.96842	-.65979	6.52228	-.24635	.37338	-.01053	.00050	-.00455
.899	-2.404	3.96979	-.35310	6.54134	-.12521	.35460	.02278	.00639	.00245
.900	-.212	3.97182	-.01165	6.55258	-.00403	.34563	.05679	.01240	.00882
.900	2.022	3.97195	.35875	6.54501	.12422	.34626	.08574	.01737	.01395
.899	4.243	3.96953	.69834	6.52889	.24842	.35573	.10942	.02099	.01616
GRADIENT		.00020	.15518	.00075	.05608	-.00196	.01370	.00235	.00239

RUN NO.   42/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-9.234	4.07373	-1.03055	6.51634	-.54759	.53136	-.07902	-.01165	-.01629
.975	-6.980	4.07592	-.82191	6.54830	-.40024	.48697	-.04408	-.00554	-.00991
.975	-4.720	4.07128	-.58412	6.57390	-.26460	.45298	-.00814	.00088	-.00375
.975	-2.473	4.07002	-.31745	6.58504	-.13689	.43120	.02963	.00769	.00219
.974	-.227	4.07529	-.00767	6.59045	-.00324	.42199	.06606	.01468	.00695
.974	1.995	4.08113	.27427	6.58699	.11543	.42084	.09667	.02007	.01157
.974	4.246	4.08363	.57787	6.56988	.24857	.43014	.12717	.02510	.01595
GRADIENT		.00160	.13016	-.00027	.05708	-.00250	.01507	.00272	.00218

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ011)   (24 JUN 76)

REFERENCE DATA						PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   52/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.156	4 20702	- 74544	6.57481	-.41524	.55703	- 03348	-.00349	-.00829
1.149	-4 845	4.20650	-.61070	6.60383	-.26699	.52280	01499	.00493	-.00375
1.149	-2 551	4.20605	- 26103	6 61982	-.13047	.49982	05260	01194	-.00013
1.149	-.266	4.20641	00855	6 62963	.00417	.48783	08745	.01821	00395
1.148	2 001	4.20672	27020	6 62636	13144	.48645	.11848	.02360	.00776
	GRADIENT	00004	11445	00366	.05827	-.00531	01513	00273	.00169

RUN NO.   47/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.552	4 21626	- 95547	6.55864	-.58876	61620	-.07108	- 01020	-.01407
1.205	-7 185	4 21627	- 73326	6 58113	-.41258	56267	-.02736	-.00260	-.01032
1.205	-4 857	4 21449	- 49239	6.60480	- 25895	52591	.01640	00525	-.00639
1.205	-2.566	4 21449	- 24328	6 62453	-.12259	50390	.05319	.01201	- 00303
1 205	- 270	4.21468	01591	6.63295	.00785	.49319	.08816	01811	.00154
1 205	2 003	4 21467	27029	6.63266	13321	49285	.11836	.02333	00554
1.205	4.275	4.21646	,51060	6 61933	.25487	.49915	14330	02757	.00892
	GRADIENT	00018	11035	00163	05621	-.00283	.01397	00245	.00172

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ012)   (24 JUN 76)

REFERENCE DATA						PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   -6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO   80/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
599	-8.515	3 16306	-1.08022	-6.31660	-.38606	.35739	-.05963	- 00504	-.02626
599	-6 414	3.16199	-.81952	-6.34656	-.27026	.32977	-.03574	-.00079	-.02200
.599	-2.189	3.16220	-.20601	-6.37050	-.06133	.29770	.00753	.00692	-.01291
.598	-.073	3.15707	.15936	-6.36909	.04632	.29069	.02806	.01089	-.00863
599	2 046	3.15840	55174	-6.36479	16075	.29136	.05285	.01549	-.00408
598	4 162	3.15842	.91537	-6, 35255	.27137	29646	.07723	.01979	00062
	GRADIENT	-.00047	17743	00275	.05255	- 00014	01105	00204	00213

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ012)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

                    RUN NO   75/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        .900   -9.044   3.97071 -1.04209 -6.51371 -.46735   .44847   -.04697   -.00600   -.02192
        900   -6.806   3.97033   -.80822 -6.55220 - 33033   .40872   - 02523   -.00195   -.01741
        900   -4 589   3.97011   - 54734 -6.55929 -.20859   .38109   - 00286   .00230   -.01296
        900   -2.380   3 96812   -.23200 -6.56083 -.08446   36407   02023   .00652   -.00861
        .899   - 158   3 96658   .14024 -6 55342   04994   35612   04574   .01142   - 00409
        .899   2.067   3 97033   .50275 -6.53977   17940   35684   07413   .01651   .00075
        .900   4 293   3 97387   .82880 -6.53411   30514   .36818   10063   .02150   .00458
               GRADIENT   00044   .15700   00322   05814   -.00148   01175   00218   .00200

                    RUN NO   65/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        .975   -9 245   4 08487   -.95598 -6 59309 -.51549   53923   -.07775   -.01034   -.02193
        .976   -6 953   4 08519   -.72526 -6.61475 - 35845   49424   - 04853   - 00495   -.01806
        .975   -4.689   4 08439   -.48585 -6.61931 -.22403   .46110   - 01985   .00031   -.01379
        .975   -2 451   4 07876   -.21584 -6.61313 -.09547   44233   .00877   .00521   -.00867
        .975   - 189   4 07913   08375   -6.59514   .03639   .43447   .03562   .01014   -.00420
        .975   2 038   4.07921   37540   -6 59189   16446   43810   06468   .01544   -.00038
        975   4 293   4.07891   65364   -6 57832   29553   45213   09092   02056   .00255
               GRADIENT -.00047   .12783   .00460   .05786 -.00099   .01236   .00226   .00182

                    RUN NO   70/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        1.149   -7 126   4.20871   - 67014 -6.66085 - 37430   .55855   -.05147   -.00595   - 01107
        1.149   -4.810   4.20971   -.42933 -6 66821 -.22582   .52598   -.02331   -.00060   - 00742
        1.149   -2 503   4.20937   -.17939 -6 66239 -.09136   50925   .00843   00505   - 00291
        1.149   - 239   4.20968   07364   -6.65395   .03692   .50130   .03922   01080   .00067
        1.149   2.036   4.21050   .32661 -6.64770   16412   .50251   .06944   .01638   00330
               GRADIENT   .00012   11055   .00307   .05693 -.00344   .01355   00249   .00157

DATE 29 OCT 76   TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ012)   (24 JUN 76)

PARAMETRIC DATA

REFERENCE DATA

		BETA =	-6.000	ELV-LI =	10.000
SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	ELV-LO =	14 000	ELV-RI =	10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-RO =	14.000		
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				
SCALE = .0100					

RUN NO.   60/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.199	-9.537	4.21139	-.90639	-6 67605	- 56162	.61962	-.07901	-.01141	-.01177
1.200	-7.171	4.21244	-.66673	-6.68300	-.37773	.56654	-.05090	-.00595	-.00899
1.200	-4.833	4.21223	- 42400	-6.68887	- 22649	.53419	- 02222	-.00033	-.00599
1.199	-2.526	4.21336	-.17220	-6.68244	-.08900	.51695	.01037	.00573	-.00264
1.200	-.243	4.21896	.07572	-6 67142	.03860	.50982	04203	.01151	.00101
1.200	2.034	4.21697	.31692	-6.66797	.16217	.51170	.06914	.01658	.00322
1.200	4 300	4.21576	.54122	-6.65857	28060	.51846	.09249	.02081	.00520
	GRADIENT	00047	.10601	.00311	05544	-.00161	.01263	.00233	.00124

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ013)   (24 JUN 76)

PARAMETRIC DATA

REFERENCE DATA

		BETA =	-4.000	ELV-LI =	10.000
SREF = 2690 0000 SQ FT.	XMRP = 976.0000 IN. XT	ELV-LO =	14.000	ELV-RI =	10.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN. YT	ELV-RO =	14.000		
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT				
SCALE = .0100					

RUN NO.   79/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
599	-8.497	3.16093	-1.04735	-4.23764	-.37591	.35891	-.05792	- 00476	-.02630
599	-6.375	3 15866	-.79528	-4.26228	-.26299	.33068	- 03307	- 00039	-.02163
599	-4 269	3.15707	-.51585	-4.27343	-.16053	.31120	-.01096	.00363	- 01701
.599	-2 168	3 16012	- 20033	-4 28067	- 06003	29966	01122	.00753	- 01235
.599	- 060	3.16274	.15930	-4 28474	04657	.29234	03493	01186	-.00761
598	2.035	3 16311	.52432	-4 28220	.15228	29044	.06029	01641	-.00268
.599	4.154	3.16453	.88606	-4.28555	26298	29679	.08500	02091	.00211
	GRADIENT	00085	16763	- 00122	.05033	- 00181	.01145	00206	.00228

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SO.FT. XMRP = 976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   74/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.002	3.97231	-1 04501	-4.35853	-.47011	.44986	- 04666	-.00573	-.02213
.900	-6.775	3.96923	-.82317	-4.37470	-.33580	.40793	-.02433	-.00161	-.01747
.899	-4.559	3 96594	-.54488	-4.38399	-.20649	.37897	-.00129	.00280	-.01315
900	-2.357	3.96844	-.22006	-4.38420	-.07934	36054	.02258	.00720	-.00819
.899	-.154	3 96679	.13826	-4.37645	.04842	.35022	05224	.01256	-.00321
.899	2.056	3 96807	52347	-4.36782	.18431	35210	08269	.01830	.00164
900	4.281	3 97313	84855	-4.36595	30966	.36493	.11074	.02342	.00574
GRADIENT		.00063	.15980	.00237	.05866	-.00165	.01286	00237	.00215

RUN NO.   64/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9 189	4.07811	-.94331	-4.39478	-.51020	.54086	-.07318	-.00950	-.02134
.975	-6 911	4.08170	-.72352	-4.40576	-.35728	.49380	-.04424	-.00430	-.01734
.975	-4.672	4.07957	- 48924	-4 40526	-.22570	.46133	-.01584	.00096	-.01319
.975	-2.425	4.07995	-.22566	-4.40016	-.09947	.44080	.01335	.00605	-.00809
975	-.184	4.08222	.07246	-4.39011	.03132	43227	.04216	01133	-.00326
975	2 042	4 08496	.36898	-4.38041	.16029	43443	.07270	.01725	.00000
.975	4.267	4 08447	65120	-4.37302	.29276	.44957	10325	02290	.00357
GRADIENT		.00066	.12868	.00377	.05803	-.00134	01331	00246	.00186

RUN NO.   69/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.088	4.20795	-.67703	-4.43587	-.37825	55868	- 04568	-.00504	-.01075
1.149	-4 777	4.20708	-.43273	-4 43792	- 22720	52504	-.01416	.00076	-.00670
1.149	-2 482	4.20835	- 18006	-4 42875	-.09124	50672	.01835	.00692	-.00264
1.149	- 242	4.20868	06993	-4 42163	.03485	49835	.05148	.01304	.00102
1.149	2 024	4 20926	.31626	-4 41848	.15764	49845	.08139	.01846	.00389
GRADIENT		.00030	.11027	00289	.05656	- 00390	.01412	00262	.00156

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ013)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10 000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                    RUN NO.   59/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        1.199   -9.478   4.21576   -.88717   -4.44957   -.54785   .61753   - 07402   -.01057   -.01180
        1.200   -7.114   4 21559   -.66479   -4.45888   -.37591   .56545   -.04290   -.00483   -.00846
        1 200   -4 798   4 21261   - 42361   -4.45580   - 22531   .53189   -.01161   .00129   -.00557
        1.200   -2.502   4.21478   -.16666   -4.44869   - 08574   .51448   .02322   .00790   -.00226
        1 199   - 229   4 21615   08265   -4 43513   .04186   50649   .05467   .01372   .00113
        1.200   2.023   4 21538   31070   -4.43507   .15757   .50715   .08244   .01864   .00402
        1.199   4.285   4 21712   54114   -4 42860   .27866   .51495   .10450   .02274   .00574
                  GRADIENT -   00042   10608   00300   .05515   -.00182   01285   00236   .00127

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ014)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                    RUN NO   78/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
         599   -8.472   3.14783   -1 07754   -.02036   -.38351   .35592   -.05762   - 00488   -.02551
         .598   -6.364   3.14939   - 83014   -.01836   -.27066   .32605   -.03281   -.00049   - 02069
         598   -4.265   3 15573   - 54223   -.01681   -.16593   .30602   - 00796   .00388   -.01566
         .598   -2.182   3 15858   -.23119   - 00922   -.06798   29405   .01739   .00834   -.01046
         .598   -.072   3 16455   13362   - 00598   03846   .28780   .04262   .01285   -.00525
         .599   2.031   3 16816   .52046   - 00338   .14896   28621   .06880   .01770   -.00002
         .599   4.131   3 16967   .88341   - 00554   25705   29098   .09664   .02268   00515
                  GRADIENT   00178   .17154   00135   05060   -.00180   .01241   .00224   .00248

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ014)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT		BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 14.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 14.000	
SCALE = .0100				

RUN NO. 73/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-8 952	3.96310	-1.06284	-.05611	-.47367	.44566	-.05578	-.00692	-.02241
.900	-6 752	3.96360	-.85973	-.04552	-.34514	.40145	-.02838	-.00217	-.01690
.899	-4 544	3.96271	- 56432	-.04452	-.20721	.36718	.00110	.00311	-.01121
900	-2.343	3.96835	- 24786	-.03733	-.08639	.34857	.03082	.00824	-.00506
.900	- 141	3.96959	14095	-.02693	.04819	.34190	.06534	.01463	.00032
.900	2.056	3 97157	.53022	-.01852	18294	.34503	09987	.02114	.00541
.900	4.267	3.97489	.86909	-.02055	.31172	.35867	.12974	.02611	.01039
GRADIENT		.00125	16552	.00303	.05936	-.00093	.01482	.00267	.00244

RUN NO. 63/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.162	4.08099	-.96320	-.04149	-.51720	.53696	-.06801	-.00876	-.02041
.975	-6.892	4.08169	-.74639	-.03763	-.36512	.48918	-.03641	-.00304	-.01554
.975	-4.632	4.08190	- 50338	-.02935	-.22833	45360	-.00465	.00265	-.01030
.975	-2.411	4 08618	- 24206	-.00934	-.10498	.43368	.02697	.00824	-.00454
.975	-.189	4.08632	04107	-.00787	.01748	.42549	.05803	.01402	.00046
.975	2.004	4 08585	.33172	-.00151	.14135	.42610	09054	.01997	.00450
.975	4 239	4 08306	63043	-.00253	.27581	.43749	12036	.02536	.00744
GRADIENT		.00009	.12824	.00277	.05662	- 00182	01415	.00258	.00201

RUN NO. 68/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.052	4.21023	-.69661	- 02983	- 38701	.55556	-.03563	-.00342	-.00961
1.149	-4.732	4.20974	- 45351	-.02344	-.23629	52102	.00292	.00380	-.00543
1.149	-2.464	4 20968	- 18721	-.01073	-.09412	50274	.04429	.01126	- 00079
1 149	- 233	4 21061	05625	00174	.02780	.49422	07692	01724	.00247
1 149	2.013	4 21007	30118	00750	.14835	.49256	.10623	.02239	.00582
GRADIENT		.00009	11162	00469	.05680	-.00418	.01525	.00275	.00165

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ014)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   58/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.199	-9.408	4.21733	-.88986	-.02663	-.54360	.61088	-.06416	-.00909	-.01148
1.200	-7.082	4.22071	-.67862	-.02792	-.38023	.56030	-.02877	-.00249	-.00787
1.200	-4.772	4 22012	-.43798	-.02108	-.23117	.52781	00852	00481	-.00532
1.200	-2.473	4 22012	-.17403	-.00772	- 08849	.50849	04664	.01166	-.00150
1.199	- 236	4.22049	.06311	.00665	03164	.50128	08083	.01763	.00245
1.200	2.017	4.21857	.30208	.00949	15103	.49997	10762	.02241	.00556
1.199	4.265	4.21179	52553	.00029	26614	50642	.13015	02648	.00790
	GRADIENT	- 00081	10651	.00266	.05470	-.00228	.01349	00240	.00148

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO.   81/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
599	-8.498	3.16672	-1.06885	4.17773	-.38192	.35732	- 05984	-.00526	- 02521
599	-6 389	3 16669	-.82818	4.20193	-.27279	.32938	- 03399	- 00062	- 02022
.599	-4.293	3 16364	- 57372	4 22091	- 17885	.31173	- 01022	00370	-.01565
599	-2.183	3.16096	- 22382	4 23309	-.06637	.29654	.01761	.00879	-.01005
599	- 074	3.15932	14745	4 24038	.04272	.28970	.04323	.01383	- 00490
.599	2 032	3.15989	51641	4 24147	.14959	28967	.07268	.01894	00084
.598	4.153	3.15632	.89618	4 22746	.26350	29402	.09959	.02421	.00580
	GRADIENT	-.00074	.17435	.00102	.05215	-.00200	.01301	.00242	.00255

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                RUN NO.   76/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9.001	3 96994	-1.05589	4.27346	-.47296	44793	- 05181	-.00654	-.02002
.900	-6.770	3.97010	- 82804	4.30214	-.33578	.40551	- 02431	-.00164	-.01397
.900	-4 555	3 97037	-.56266	4.31488	-.21182	.37647	.00866	.00417	-.00808
.900	-2.366	3.96812	-.24027	4 33798	-.08598	.35783	.04454	.01069	-.00148
.900	-.161	3 96830	13066	4.34509	04573	.35001	.08000	.01739	.00378
.900	2.058	3-97204	51578	4.33956	.18089	.35071	.11545	.02370	.00903
899	4.286	3 97150	85496	4.33080	.31158	36443	.14381	.02840	.01331
	GRADIENT	.00028	16246	00150	.05943	-.00140	.01543	.00278	.00241

                RUN NO.   66/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.199	4 08126	-.96199	4.30851	-.51858	.53907	-.05928	-.00739	-.01923
.976	-6.919	4.07901	-.74256	4 33171	-.36508	.49165	-.02444	-.00116	-.01344
.975	-4.665	4.08012	- 50081	4.34595	-.22908	.45741	.01012	.00504	-.00760
.975	-2.434	4 08093	-.23818	4 35861	-.10407	.43692	.04315	.01120	-.00213
.975	-.199	4 08512	.06492	4 36562	.02790	.42972	07851	.01789	.00300
.975	2.025	4.08440	35971	4 36586	.15425	.42883	.11330	.02363	.00810
975	4.279	4 08456	65455	4.35235	.28961	44246	.14490	.02924	.01103
	GRADIENT	.00055	.13016	00089	.05798	-.00170	.01520	.00272	.00212

                RUN NO.   71/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.096	4 20853	-.69065	4.37460	-.38737	.56087	-.02128	-.00084	-.00999
1.149	-4.783	4.20868	-.44420	4.39517	-.23328	52518	02464	.00736	-.00531
1.149	-2.489	4.20974	- 18958	4.40331	-.09552	.50383	06345	.01444	-.00134
1.149	- 226	4.20802	06412	4.41319	.03173	.49486	.09548	02030	.00238
1.149	2 034	4 20965	32029	4.41814	15785	.49285	12584	.02556	00644
	GRADIENT	00005	.11214	.00347	05727	-.00467	.01478	.00266	.00172

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ015)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                  RUN NO.   61/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        1 200   -9.470   4.21300   -.89491   4.36945   -.55280   .61772   -.05683   -.00749   -.01480
        1.200   -7.119   4.21419   -.67620   4.38955   -.38307   .56650   -.01606   -.00014   -.01091
        1.200   -4.803   4.21460   - 43590   4.41411   - 23152   .53113   .02594   .00748   -.00702
        1 200   -2.505   4.21399   -.17522   4.42192   -.08937   .51002   .06268   .01427   -.00330
        1 199   - 275   4.21594   06241   4.43331   03129   .50138   09471   .01993   .00090
        1.199   2.029   4.21891   30800   4.43821   15399   .49999   12361   .02498   .00494
        1.199   4.275   4 21833   .53942   4.42797   27360   .50722   14796   .02923   .00778
                  GRADIENT   .00055   .10727   .00194   .05525   -.00255   .01344   .00239   .00167

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ016)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   0100

                  RUN NO.   82/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        .599   -8.537   3 16877   -1.08772   6.27137   -.39003   .35858   -.06141   -.00542   -.02521
        .599   -6.404   3 16759   -.83136   6.30318   -.27284   .32819   -.03410   - 00046   -.01999
        .599   -4.309   3 16450   -.57591   6.33110   -.17822   .30946   -.00994   .00393   -.01498
        .599   -2.196   3.16266   -.23639   6.34857   -.07014   .29670   .01848   .00909   -.00949
        .599   -.077   3.16316   .14953   6.35750   04316   .28865   04625   .01436   -.00418
        .599   2 039   3 15981   .53020   6 35125   15319   .28892   07567   .01976   00159
        .599   4.160   3.15955   91858   6.34014   26984   29376   .10296   .02514   .00640
                  GRADIENT   - 00060   .17738   .00098   .05287   - 00185   .01337   .00251   .00254

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ016)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

              RUN NO   77/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-9.045	3.96860	-1 06557	6.42444	-.47651	.44718	-.05261	-.00670	-.01946
899	-6 809	3 96735	-.84328	6.46370	-.34260	.40627	-.02389	-.00161	-.01319
899	-4 587	3 96737	- 56635	6.48608	-.21386	.3 7760	.00994	00453	-.00706
.900	-2.382	3.96707	-.25125	6.50855	- 09071	.36106	.04713	01131	-.00063
.900	-.170	3 97301	.11672	6.51893	.04121	.35309	.08532	.01844	.00496
.900	2.061	3 97212	.49605	6.51028	.17598	.35476	12053	.02461	.01046
900	4 285	3.97328	83233	6.49855	.30491	.36633	.14656	.02883	.01449
	GRADIENT	.00076	15977	.00119	.05878	- 00129	.01562	.00279	.00244

              RUN NO   67/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.252	4 08059	- 97661	6.48439	-.52685	.53947	-.05907	- 00724	-.01919
.976	-6 949	4 08171	-.74910	6.51686	-.36901	.49260	-.02192	-.00059	-.01301
.975	-4.694	4.08115	-.50085	6.53263	-.22999	.45921	.01483	00596	-.00654
.975	-2 450	4.08012	-.23445	6.55074	-.10273	.43819	05225	.01285	-.00088
.975	-.193	4.08059	.07525	6.55684	.03236	.42999	08767	.01934	.00428
.975	2.046	4.08026	37731	6 54963	.16243	43049	12222	.02522	.00883
.975	4.276	4 08390	65777	6 53070	.29140	.44301	.15382	03081	.01167
	GRADIENT	.00025	13055	-.00022	.05830	-.00179	.01551	00277	.00206

              RUN NO.   72/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.135	4.21050	-.69080	6 58732	-.38725	.56058	-.01397	.00041	- 01053
1.149	-4.812	4.21013	-.45332	6 61929	-.23888	.52695	.03203	.00854	- 00612
1 149	-2 515	4 20910	-.20009	6.63737	- 10098	.50465	07033	.01564	-.00240
1.149	- 230	4 20793	.06772	6.64804	03346	49405	.10583	.02173	.00235
1.149	2.036	4.20708	.32505	6.64541	.16027	.49307	.13549	.02690	.00615
	GRADIENT	-.00045	11402	00391	.05834	-.00492	.01515	.00268	.00182

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ016)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RUN NO.   62/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.200	-9.538	4.21735	-.90748	6.55886	-.56190	.61918	-.05396	-.00654	-.01642
1.200	-7.167	4.21854	-.68688	6.59389	-.38948	.56703	-.01209	.00050	-.01206
1.200	-4.835	4.21875	-.44158	6.60477	-.23444	.53092	.03166	.00836	-.00795
1.200	-2.539	4.21793	-.19576	6.62227	-.09977	.50965	.06844	.01510	-.00430
1.199	-.239	4.21826	.06794	6.63233	.03395	.49968	.10243	.02110	.00028
1.200	2.015	4.22150	.31859	6.63318	.15926	.49990	.13282	.02623	.00437
1.200	4.295	4.21953	.55246	6.61400	.27976	.50638	.15715	.03039	.00747
GRADIENT		.00022	.10969	.00130	.05644	-.00259	.01383	.00242	.00173

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ017)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   = -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   90/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.178	4.21182	-.77435	-6.65909	-.43285	.55898	-.08874	-.01390	-.00684
1.150	-4.855	4.21009	-.53673	-6.66521	-.28091	.52337	-.06008	-.00856	-.00278
1.149	-2.556	4.21095	-.28429	-6.66214	-.14315	.50353	-.03037	-.00317	.00135
1.150	-.282	4.20888	-.03052	-6.65153	-.01509	.49454	.00025	.00250	.00491
1.149	1.988	4.20925	.22573	-6.64317	.11167	.49469	.03219	.00844	.00743
GRADIENT		-.00020	.11144	.00336	.05727	-.00417	.01348	.00249	.00150

RUN NO.   85/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.200	-9.583	4.21795	-.99094	-6.65417	-.61550	.62113	-.11423	-.01886	-.00795
1.200	-7.205	4.22096	-.75907	-6.66404	-.42917	.56538	-.09484	-.01341	-.00454
1.200	-4.874	4.21956	-.51991	-6.67276	-.27575	.53037	-.05563	-.00786	-.00116
1.200	-2.554	4.21997	-.26740	-6.66688	-.13652	.51055	-.02477	-.00203	.00183
1.200	-.289	4.22094	-.02355	-6.65849	-.01183	.50216	.00655	.00373	.00516
1.200	1.985	4.22151	.22018	-6.64995	.11072	.50285	.03477	.00924	.00702
1.199	4.253	4.21971	.46567	-6.63773	.23686	.50863	.06012	.01410	.00824
GRADIENT		.00008	.10787	.00381	.05583	-.00225	.01277	.00242	.00105

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ018)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT	BETA =	-4.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE = .0100					

RUN NO.   89/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.132	4.20922	-.77930	-4.42750	-.43411	.55705	-.08273	-.01301	-.00630
1 149	-4.822	4.20846	-.54154	-4.43449	-.28235	.52139	-.05202	-.00735	-.00198
1.149	-2.538	4.20686	-.29339	-4.42491	-.14708	50133	-.02050	- 00145	.00200
1.149	-.264	4 2C804	-.03429	-4.41747	-.01683	49084	01381	.00491	00559
1.149	1 980	4 20880	.21747	-4 41005	.10634	48900	.04524	01084	.00782
	GRADIENT	00010	.11182	.00356	.05716	- 00475	01438	.00269	.00146

RUN NO   94/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.200	-9 512	4 21975	-.97181	-4.45240	-.60137	.61882	-.10893	- 01811	- 00791
1 201	-7.158	4 22038	-.76127	-4.45929	- 42888	.56337	-.07809	-.01245	-.00419
1.200	-4 837	4.21938	- 52130	-4.46049	- 27496	.52745	-.04700	- 00644	-.00120
1 200	-2.542	4.21977	-.26649	-4 44996	-.13524	.50748	- 01268	.00003	.00226
1.200	-.274	4.21755	- 01755	-4 44061	- 00874	.49794	01923	00612	.00504
1.199	1 987	4.21892	22804	-4.43544	.11343	.49744	.04903	01174	.00700
1.199	4 247	4 21947	46561	-4.42879	.23509	.50491	.07272	.01633	00843
	GRADIENT	- 00003	10876	.00343	05590	-.00244	.01327	.00252	.00106

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ019)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT	BETA =	.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	10.000
BREF = 1290 3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE = .0100					

RUN NO.   88/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.097	4.20595	-.79905	-.03041	-.44208	.55325	-.07174	-.01145	-.00440
1.149	-4 789	4.20867	-.56753	- 02409	-.29310	.51644	-.03516	-.00451	-.00056
1.149	-2 513	4 21004	- 30545	-.01278	-.15138	49558	.00457	.00287	.00338
1.149	-.277	4.20977	- 05157	-.00091	-.02503	.48533	.04149	.00966	u0691
1.149	1.890	4.21213	.19393	.00066	.09346	.48190	.06951	.01500	.0uu37
	GRADIENT	00045	.11397	.00388	.05776	-.00513	.01577	.00293	.00143

LARC 8FT TPT 749 (IA93) OTSAT130   .   .(TJJ019)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

              RUN NO.   83/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        1.201   -9.450   4.22276   -.97466   -.04038   -.59575   .61124   - 10038   -.01696   -.00714
        1.201   -7.107   4.22318   -.77776   -.03747   -.43389   .55787   -.06472   -.01025   -.00345
        1 201   -4.803   4.21943   - 53155   -.03347   -.27698   .52108   -.02631   -.00275   -.00106
        1.201   -2.521   4.2l803   -.27313   -.02003   -.13679   50081   01223   .00440   .00217
        1.201   - 270   4 21840   - 02570   -.01213   -.01263   .49142   .04861   .01089   .00583
        1.200   1.980   4 21975   21787   -.00574   .10666   48955   .07615   .01601   .00839
        1.199   4.237   4 22288   .46103   - 01101   22863   .49591   10066   .02052   .01063
                 GRADIENT   00038   .10966   00262   05557   - 00273   01408   .00258   .00131

                LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ020)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP = 976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

              RUN NO.   91/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU '   CNW   CBW   CTW
        1.150   -7.140   4 20991   -.79218   4 37069   -.44300   .55922   -.05906   -.00905   -.00521
        1 150   -4 833   4.20813   - 55893   4.38977   -.29175   .52199   - 01334   - 00064   - 00099
        1 149   -2.545   4 20883   - 30124   4.40142   - 15029   49891   02674   00691   00244
        1 150   -.270   4.21052   -.04411   4 41106   - 02152   .48797   .06097   .01336   .00564
        1.149   1.974   4.20886   21226   4 41202   10275   48408   .09106   .01880   .00894
                 GRADIENT   00017   .11327   00337   .05"83   -.00550   01531   00285   00145

              RUN NO.   86/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
        1.200   -9.518   4.21938   -.98257   4.36101   -.60743   .61821   -.09361   -.01547   -.01013
        1.201   -7 152   4.21780   -.77221   4.38286   -.43532   56374   -.05093   -.00748   -.00675
        1 201   -4 842   4.21940   -.53253   4 40103   -.28026   52629   -.00593   .00073   -.00331
        1.201   -2.552   4.22058   - 28083   4 41677   -.14158   50414   .02972   .00760   - 00040
        1.200'   -.279   4.2l957   - 02803   4 42159   -.01383   49339   06412   .01372   00379
        1.200   1.978   4.22093   21787   4.42528   10683   .49033   09347   .01899   .00722
        1.199   4 236   4.21971   .46078   4.41450   22923   ,49748   .11938   .02356   .01027
                 GRADIENT   .00004   .10955   00157   05587   -.00316   01386   .00252   .00153

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ021)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   6 000   ELV-LI =   10.000
ELV-LO =   -5.000   ELV-RI =   10.000
ELV-RO =   -5.000

RUN NO.   92/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.195	4.20886	-.79533	6.57252	-.44565	.56033	-.05280	-.00775	-.00612
1.150	-4 855	4 20831	-.55895	6.59786	-.29276	.52378	-.00403	.00113	-.00221
1.149	-2.570	4.20925	- 30830	6.61320	-.15429	.50046	.03599	.00862	.00135
1.149	-.287	4.20835	- 04273	6.62668	-.02085	.48795	.07120	.01498	.00528
1.149	1.985	4 21243	.22814	6.62400	.11084	.48583	.10461	.02080	.00880
	GRADIENT	00050	11519	.00403	.05895	-.00554	.01584	00287	.00162

RUN NO.   87/ 0   RN/L =   4 22   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.200	-9.579	4 21956	-.99750	6 55405	- 61927	.62082	- 09202	- 01469	-.01189
1 200	-7.210	4 21978	-.77993	6 58317	- 44044	.56471	- 04533	- 00639	- 00822
1 200	-4.879	4.21899	-.54031	6.60678	-.28478	.52707	-.00035	.00183	- 00486
1.200	-2.565	4 21938	- 29056	6 61726	-.14646	.50405	.03780	.00884	- 00129
1.200	-.280	4.21856	-.03199	6.62995	-.01576	49264	.07123	01493	.00241
1.200	1.993	4 21954	.22433	6.63191	.11031	.49172	.10307	02037	.00646
1.199	4 269	4.22107	47516	6.61057	.23635	49740	.12938	.02483	.01009
	GRADIENT	.00019	.11139	.00098	05684	- 00314	01421	00252	.00165

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ022)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   -6 000   ELV-LI =   12.000
ELV-LO =   -5.000   ELV-RI =   12.000
ELV-RO =   -5.000

RUN NO   100/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.169	4.20807	- 75908	-6.65507	-.42482	.55966	-.08065	-.01326	-.00604
1.150	-4.839	4.20888	- 52144	-6.66192	-.27322	.52397	-.05202	-.00793	-.00198
1.149	-2.538	4 20980	-.26836	-6.66328	-.13540	50453	-.02129	-.00246	.00232
1.149	-.277	4.20971	- 01905	-6 65480	- 00944	49573	00906	00311	.00591
1.149	1 996	4.21167	.23943	-6 64820	.11880	.49618	.04145	.00913	.00854
	GRADIENT	.00036	.11121	.00218	.05719	-.00405	.01365	.00249	.00154

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ022)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE	= .0100			

BETA   =   -6.000   ELV-LI =   12.000
ELV-LO =   -5.000   ELV-RI =   12.000
ELV-RO =   -5.000

RUN NO.   95/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.583	4.21904	-.97881	-6.67655	-.60936	.62255	-.10531	-.01817	-.00689
1.205	-7.206	4.21886	-.74843	-6.69139	-.42444	.56710	-.07699	-.01284	-.00392
1.205	-4.873	4.21686	-.50828	-6.69544	-.27036	.53192	-.04714	-.00720	-.00034
1.205	-2.549	4.21805	-.25447	-6.69071	-.13033	.51217	-.01638	-.00135	.00264
1.205	-.269	4.21805	-.00670	-6.67781	-.00337	.50347	.01591	.00456	.00604
1.205	2.007	4.21905	.23930	-6.67884	.12084	.50498	.04503	.01009	.00831
1.205	4.269	4.21865	.47450	-6.66535	.24237	.51079	.06901	.01479	.00939
	GRADIENT	.00020	.10768	.00315	.05590	-.00218	.01286	.00243	.00110

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ023)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE	= .0100			

BETA   =   -4.000   ELV-LI =   12.000
ELV-LO =   -5.000   ELV-RI =   12.000
ELV-RO =   -5.000

RUN NO   99/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.125	4.21267	-.76344	-4.44377	-.42608	.55810	-.07306	-.01225	-.00516
1.150	-4.809	4.21206	-.53099	-4.43970	-.27767	.52292	-.04314	-.00670	-.00106
1.150	-2.530	4.21145	-.27392	-4.42644	-.13766	.50256	-.01043	-.00061	.00325
1.149	-.259	4.20838	-.02275	-4.42137	-.01120	.49229	.02257	.00548	.00676
1.149	2.002	4.20817	.23639	-4.41842	.11603	.49085	.05495	.01160	.00926
	GRADIENT	-.00065	.11246	.00304	.05759	-.00469	.01441	.00269	.00152

RUN NO.   94/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.505	4.21597	-.96256	-4.44848	-.59780	.62105	-.10013	-.01747	-.00668
1.205	-7.145	4.22024	-.74591	-4.45215	-.42180	.56548	-.06932	-.01172	-.00318
1.205	-4.829	4.21488	-.50281	-4.45640	-.26596	.52896	-.03684	-.00557	.00008
1.205	-2.537	4.21787	-.25102	-4.44373	-.12792	.50958	-.00400	.00082	.00281
1.205	-.269	4.21786	-.00255	-4.43540	-.00128	.49984	.02933	.00699	.00599
1.205	2.013	4.21607	.23890	-4.42947	.11934	.49954	.05900	.01252	.00828
1.205	4.264	4.22064	.47638	-4.42645	.24163	.50723	.08232	.01708	.00964
	GRADIENT	.00043	.10769	.00326	.05553	-.00236	.01326	.00251	.00108

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ024) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 98/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.086	4.21521	-.79008	-.03947	-.43866	.55521	-.06381	-.01091	-.00377
1.149	-4.791	4.21319	-.55095	-.03407	-.28556	.51830	-.02633	-.00388	.00044
1.149	-2.508	4.20828	-.29356	-.01549	-.14605	.49750	.01338	.00350	.00430
1.149	-.272	4.20424	-.03910	-.00880	-.01904	.48687	.04873	.01010	.00763
1.149	1.986	4.20626	.21454	-.00406	.10376	.48361	.07850	.01575	.00979
	GRADIENT	-.00110	.11304	.00429	.05739	-.00509	.01550	.00290	.00139

RUN NO. 93/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.429	4.22339	-.96275	-.03673	-.59002	.61285	-.09051	-.01615	-.00600
1.205	-7.098	4.22401	-.75764	-.03508	-.42371	.55925	-.05384	-.00927	-.00254
1.205	-4.783	4.22124	-.52168	-.02476	-.27309	.52348	-.01711	-.00205	-.00017
1.206	-2.517	4.22065	-.25856	-.01988	-.13003	.50291	.02208	.00515	.00324
1.206	-.253	4.21986	-.01040	-.00498	-.00513	.49300	.05890	.01171	.00686
1.205	1.986	4.21806	.22988	-.00569	.11285	.49093	.08511	.01668	.00928
1.205	4.235	4.22163	.46215	-.00755	.23004	.49777	.10893	.02105	.01168
	GRADIENT	-.00008	.10898	.00216	.05543	-.00282	.01398	.00256	.00132

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ025) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 101/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.122	4.20831	-.77637	4.39355	-.43468	.55989	-.04838	-.00821	-.00399
1.150	-4.831	4.20834	-.54717	4.41515	-.28647	.52354	-.00394	.00006	-.00015
1.149	-2.540	4.20825	-.28792	4.42835	-.14409	.50043	.03635	.00765	.00334
1.149	-.259	4.20919	-.02590	4.43645	-.01267	.48907	.07082	.01410	.00674
1.149	1.979	4.21079	.22398	4.43961	.10876	.48581	.10009	.01946	.00985
	GRADIENT	.00036	.11339	.00346	.05800	-.00549	.01526	.00285	.00147

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ025)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	4.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE =	.0100						

RUN NO.   96/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.511	4 21863	-.96762	4.37650	-.59927	.61932	- 08370	- 01458	-.00944
1.205	-7.149	4 21963	-.75929	4 39674	-.42926	.56535	-.04183	-.00675	-.00619
1.206	-4.838	4 21945	- 51945	4 41536	- 27415	.52777	.00256	.00142	-.00295
1.205	-2.546	4.21824	-.26685	4.42818	-.13494	.50570	03932	00832	.00062
1.205	- 268	4.21903	-.00944	4.43849	- 00467	.49488	.07370	01449	.00448
1.205	1 999	4 21786	.23500	4.44490	.11567	49221	10321	.01973	.00814
1 205	4 255	4 21765	47319	4.43514	.23622	.49922	.12878	.02417	01126
	GRADIENT	- 00018	10942	.00248	.05594	-.00311	01392	00250	00158

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ026)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	6.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN YT	ELV-LO =	-5.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE =	.0100						

RUN NO.   102/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.174	4.21034	-.77871	6.56882	-.43640	.56042	- 04285	- 00692	-.00525
1 150	-4.847	4.21112	-.54172	6.59944	-.28430	.52481	00483	.00181	-.00146
1 149	-2.551	4.21037	-.29227	6.61509	-.14658	.50151	04532	.00929	.00236
1 149	-.276	4.21143	-.03479	6.62670	- 01703	.48951	.07998	.01561	.00605
1.149	1.996	4.21037	23325	6 62471	.11364	.48718	.11261	.02130	00976
	GRADIENT	- 00005	.11324	.00384	.05803	-.00548	.01570	.00284	00164

RUN NO.   97/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9 560	4.21668	-.98236	6.57273	-.61001	.62096	-.08128	-.01369	-.01105
1.205	-7.190	4.21133	-.76269	6.59913	-.43094	.56503	- 03527	-.00549	-.00760
1.205	-4.879	4.21468	-.53146	6.62731	-.28086	52848	00762	.00237	-.00445
1.205	-2.560	4.21544	-.27732	6.64051	-.14019	.50553	.04622	.00944	-.00076
1.205	-.286	4.22003	- 02058	6.64999	-.01017	.49406	.08025	01550	.00325
1.205	1.998	4 21824	23429	6.64934	11552	.49305	.11153	.02091	.00733
1.205	4.274	4 22004	.48250	6 63611	.24076	49898	.13722	02530	.01068
	GRADIENT	.00059	.11107	.00116	.05682	-.00313	.01420	00251	.00168

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ027)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 120/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.055	3.97247	-1.10767	-6.54177	-.49517	.44704	- 07282	-.01043	-.02145
899	-6.826	3 97286	-.88177	-6.58029	-.35845	.40651	-.04752	-.00582	-.01699
900	-4.596	3.97355	-.62220	-6.59297	-.23494	37760	- 02516	- 00154	-.01240
899	-2.387	3.97130	-.31385	-6.59290	-.11263	.35885	-.00277	.00257	-.00785
.900	-.175	3.97138	.03125	-6.59347	.01096	.35069	.02085	.00675	-.00295
.899	2.024	3.96950	.37734	-6.55177	.13219	.35033	04657	.01121	.00249
.900	4 254	3.97141	71239	-6.54272	25639	.35990	07003	.01557	00613
GRADIENT		-.00046	.15198	.00640	.05551	-.00198	01084	.00194	.00214

RUN NO. 115/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
974	-9.250	4 07311	-1.01135	-6.61850	-.54195	.53587	- 09716	- 01457	-.02013
.975	-6.969	4 07715	-.78543	-6 64072	-.38528	.49054	-.07084	- 00937	-.01665
.975	-4.698	4 07595	-.55317	-6.64754	- 25288	.45714	-.04272	-.00435	-.01206
.975	-2.459	4 07956	-.28474	-6 65194	-.12438	.43682	-.01613	.00042	-.00726
.975	-.207	4.08343	.01734	-6.63700	.00745	.42983	.01281	.00537	- 00218
.975	2 020	4.08280	.29470	-6.63145	.12734	.43210	.03897	.01023	.00153
.975	4 253	4.08100	.57283	-6.59960	.25454	.44436	06485	.01521	.00477
GRADIENT		.00060	.12651	.00520	.05659	-.00136	.01207	00219	.00190

RUN NO. 110/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.146	4 20813	-.71372	-6.68142	-.39809	.55776	-.07140	-.00977	-.01048
1.150	-4.827	4.21088	-.47274	-6 69714	-.24767	.52390	-.04273	-.00447	-.00632
1.149	-2.532	4 20689	-.22577	-6.69290	-.11420	.50583	-.01202	00099	-.00192
1.149	-.254	4.20874	.03199	-6.68460	.01591	.49741	.01958	00682	.00184
1.149	2.015	4.20919	.28385	-6.68028	.14149	.49846	04917	01237	.00400
GRADIENT		-.00014	.11083	.00258	.05690	-.00372	01348	.00247	.00152

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ027) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA = -6.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = 4.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN ZT   ELV-RO = 4.000
SCALE = .0100

RUN NO. 105/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.569	4.21467	- 94098	-6.67711	-.58314	.61971	-.09705	-.01483	-.01125
1.205	-7.192	4.21665	- 70432	-6.68535	-.39824	.56542	-.06825	- 00944	-.00820
1 205	-4.858	4.21925	- 46059	-6.69577	-.24476	.53140	-.03860	-.00387	-.00458
1.205	-2.553	4.21384	-.21310	-6.69186	- 10943	51355	-.00732	.00199	-.00142
1.205	- 260	4 21528	.03648	-6 67873	.01845	.50587	.02441	00782	.00199
1 205	2.003	4 21290	27650	-6.67471	.14034	.50757	.05128	.01302	.00391
1 205	4 286	4.21803	.50853	-6.66618	.26123	.51371	.07562	.01742	.00591
GRADIENT		- 00041	10628	.00334	.05524	-.00182	.01257	.00235	.00115

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ028) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN XT   BETA = -4.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES YMRP = 0000 IN. YT   ELV-LO = 4.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 4 000
SCALE = .0100

RUN NO. 119/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.022	3.97361	-1 11269	-4.37618	-.49892	.44839	-.07285	-.01019	-.02179
899	-6.790	3.97060	- 88764	-4.39587	-.36058	40622	-.04729	-.00556	-.01690
.900	-4.581	3 97123	-.62817	-4.39788	-.23649	.37647	-.02495	-.00126	-.01242
899	-2.382	3 96946	-.32163	-4 39570	-.11441	.35571	-.00172	.00294	-.00730
.899	- 179	3 96766	.03306	-4.39572	.01141	.34512	.02536	.00764	-.00196
.899	2 032	3.96699	.39909	-4.38801	.13700	34329	.05295	.01256	.00354
.900	4 245	3.97062	.73354	-4.38266	.26089	35565	.07760	.01717	..00729
GRADIENT		-.00017	.15609	.00182	.05647	-.00245	.01177	.00211	.00228

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ028)   (24 JUN 76)

REFERENCE DATA						PARAMETRIC DATA		

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   114/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-9.194	4.07649	- 99877	-4.42138	-.53752	.53818	- 09457	-.01386	-.02018
975	-6 929	4.08047	- 78349	-4.43748	- 38477	.49110	-.06680	-.00876	-.01603
.975	-4 682	4.08077	- 55656.	-4.43854	-.25506	.45827	- 03922	-.00380	-.01163
975	-2.434	4.08029	-.29620	-4 42420	-.12944	.43699	-.01009	.00132	-.00632
.975	- 220	4 08319	-.00818	-4.41510	- 00350	42762	.01633	.00617	- 00140
975	1.999	4 07913	.27966	-4.40720	.11976	.42822	.04604	.01168	00253
.974	4 236	4 07440	.57300	-4.39591	.25187	43957	07406	.01719	.00561
	GRADIENT	-.00062	12730	00459	.05672	-.00208	.01269	.00235	.00195

RUN NO.   109/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.104	4 20623	-.71897	-4.47615	- 40046	.55699	-.06513	- 00886	-.00987
1.149	-4 793	4 20840	-.47653	-4.48881	-.24872	.52194	-.03521	-.00326	-.00572
1.149	-2.511	4.20877	-.22755	-4.47750	-.11455	50341	-.00116	.00283	- 00094
1.149	- 247	4 21025	02774	-4.47033	.01370	49384	.03157	00896	.00238
1 150	1 997	4 21246	.27672	-4 44323	.13668	.49394	.06182	.01464	.00471
	GRADIENT	.00360	.11112	00635	.05675	-.00414	01431	.00264	.00153

RUN NO.   104/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.491	4 21646	-.92326	-4.47665	-.57051	61793	-.09080	-.01399	-.01097
1.205	-7.130	4 21784	-.70054	-4.48296	-.39490	.56371	-.06131	-.00836	-.00776
1.205	-4.811	4 21905	-.45975	-4.47144	-.24316	.52891	-.02876	- 00227	-.00444
1.205	-2.515	4 21724	-.20435	-4 47335	-.10431	51045	00627	00426	-.00086
1.205	-.256	4 21882	.04404	-4 46161	.02210	50180	.03777	.01021	.00215
1.205	2 012	4.22100	27988	-4.45853	.14069	.50266	.06479	.01522	.00459
1.205	4 264	4 22399	.51252	-4.45248	.26159	.51040	.08884	.01959	.00645
	GRADIENT	.00060	.10711	.00232	.05533	-.00198	.01296	00241	.00120

LARC 8FT TPT /49 (1A93) OTSAT130   (TJJ029) (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	.000	ELV-LI =	12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO =	4.000	ELV-RI =	12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO =	4.000		
SCALE = .0100						

RUN NO. 118/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-8.974	3.97962	-1.13934	-.02473	-.50502	.44326	-.07930	-.01114	-.02099
.900	-6.747	3.97326	-.93356	-.01624	-.37091	.39731	-.05060	-.00612	-.01535
.900	-4.554	3.96981	-.65618	-.01842	-.23895	.36416	-.02302	-.00116	-.00978
.900	-2.374	3.96660	-.34949	-.00781	-.12010	.34366	.00671	.00389	-.00349
.899	-.167	3.95320	.02256	.00539	.00752	.33323	.03703	.00929	.00270
.899	2.013	3.96516	.40310	.00934	.13492	.33471	.06718	.01465	.00800
.899	4.220	3.96702	.74555	.01230	.25900	.34739	.09278	.01909	.01162
	GRADIENT	-.00032	.16212	.00358	.05703	-.00193	.01331	.00234	.00247

RUN NO. 113/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.161	4.08235	-1.01899	-.03780	-.54516	.53500	-.09054	-.01330	-.01913
.975	-6.902	4.07874	-.80907	-.04140	-.39445	.48754	-.05775	-.00749	-.01389
.975	-4.648	4.07518	-.58061	-.03392	-.26214	.45149	-.02861	-.00217	-.00888
.975	-2.433	4.07212	-.31947	-.01984	-.13729	.42975	.00210	.00317	-.00276
.975	-.224	4.07189	-.04103	-.01419	-.01722	.41969	.03378	.00902	.00253
.974	1.979	4.07193	.25388	-.01296	.10636	.41891	.06437	.01493	.00612
.974	4.212	4.07692	.55650	-.01772	.23845	.42848	.09417	.02027	.00961
	GRADIENT	.00015	.12867	.00177	.05625	-.00257	.01391	.00256	.00207

PUN NO 108/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.151	-7.080	4.21950	-.73681	-.06107	-.40834	.55419	-.05370	-.00710	-.00836
1.150	-4.776	4.20935	-.50550	-.05304	-.26223	.51876	-.01756	-.00033	-.00424
1.149	-2.505	4.20641	-.23953	-.03695	-.11956	.49912	.02261	.00704	.00001
1.149	-.252	4.20967	.00807	-.02865	.00395	.48921	.05812	.01345	.00368
1.149	2.005	4.20753	.25812	-.02306	.12566	.48684	.08622	.01861	.00650
	GRADIENT	-.00010	.11234	.00435	.05697	-.00468	.01535	.00280	.00159

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ029)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA   =   .000   ELV-LI =   12.000
ELV-LO =   4.000   ELV-RI =   12.000
ELV-RO =   4.000

RUN NO. 103/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.425	4.21705	-.92331	-.04507	-.56357	.61038	-.08146	-.01250	-.01078
1.205	-7.077	4.21765	-.71459	-.04658	-.39887	.55818	-.04561	-.00595	-.00688
1.205	-4.779	4.21746	-.46967	-.03709	-.24607	.52392	-.00861	.00139	-.00449
1.206	-2.496	4.21826	-.21141	-.02413	-.10663	.50434	.03006	.00836	-.00092
1.205	-.253	4.21944	.03429	-.01325	.01699	.49560	.06423	.01437	.00297
1.205	1.992	4.22081	.26747	-.01453	.13227	.49451	.09113	.01926	.00587
1.204	4.248	4.22397	.50287	-.01453	.25224	.50161	.11499	.02360	.00828
	GRADIENT		.00069	.10754	.00261	.05481	-.00242	.01368	.00245	.00143

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT		
SCALE	=	.0100					

BETA   =   4.000   ELV-LI =   12.000
ELV-LO =   4.000   ELV-RI =   12.000
ELV-RO =   4.000

RUN NO. 121/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.024	3.97085	-1.12863	4.27133	-.50346	.44608	-.07576	-.01051	-.01968
.899	-6.792	3.97055	-.91147	4.30881	-.36682	.40245	-.04579	-.00542	-.01305
.899	-4.567	3.97314	-.64160	4.32204	-.23837	.37152	-.01454	.00022	-.00679
.899	-2.377	3.97380	-.33865	4.34058	-.11929	.35225	.01855	.00594	.00007
.900	-.188	3.97287	.01223	4.35077	.00420	.34331	.05036	.01166	.00624
.900	2.008	3.97059	.37738	4.34728	.12906	.34198	.07879	.01675	.01086
.899	4.219	3.97010	.71088	4.33937	.25250	.35520	.10162	.02031	.01340
	GRADIENT		-.00042	.15581	.00188	.05602	-.00195	.01332	.00232	.00233

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ030)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 116/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.201	4 07758	-1 01226	4.32372	-.54287	53630	-.08210	-.01195	-.01822
976	-6.930	4 08313	- 80339	4 34735	- 39339	.48966	-.04705	-.00582	-.01224
.975	-4.660	4.08225	-.55972	4.36005	-.25438	.45447	-.01299	.00033	-.00588
.975	-2.426	4 06232	-.29813	4.37753	-.12909	.43302	02119	.00651	.00010
.975	-.217	4 09247	-.01966	4.38675	-.00836	.42544	.05632	.01311	.00531
.975	2 009	4 08175	27974	4.38296	.11806	.42203	.08677	.01882	.00923
.975	4.249	4 09264	57250	4 37060	.24785	.43292	.11716	.02387	.01305
GRADIENT		.00001	.12773	.00119	.05625	-.00243	01464	.00267	.00211

RUN NO 111/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 149	-7 111	4 21016	-.73154	4.34943	-.40893	.55900	-.03938	-.00461	-.00870
1.150	-4 807	4 21088	-.49569	4 37168	- 25943	.52343	.00611	.00367	-.00450
1.149	-2.528	4.21061	-.23658	4.38375	- 11847	.50076	.04467	.01085	-.00053
1 149	- 238	4.21101	.02436	4 39485	.01196	.49096	.07828	.01699	.00313
1.149	2.005	4.20956	.27647	4 39229	.13503	.48842	.10725	02220	.00649
GRADIENT		-.00016	.11341	00322	.05782	-.00506	.01483	00272	00161

RUN NO 106/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9 489	4 21843	-.92945	4.35292	- 57321	.61672	-.07464	-.01102	-.01403
1.205	-7 125	4.21943	-.70554	4 37322	-.39764	.56359	-.03206	-.00311	-.01055
1.205	-4.823	4 2190°4	-.46883	4 39020	- 24751	.52793	.01021	.00453	-.00686
1.205	-2.525	4.21746	- 21955	4 40658	-.11124	.50670	.04670	.01116	-.00310
1.205	-.263	4.21686	02995	4 41281	.01488	.49690	.07998	.01714	00097
1.205	2.026	4.21745	.27452	4.41752	.13592	.49513	.10920	02226	.00474
1.205	4 265	4 21804	51074	4 40921	25666	.50253	.13416	.02664	.00797
GRADIENT		- 00009	.10794	.00216	.05525	-.00275	.01366	.00243	.00165

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ031)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   'ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   122/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/   5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.065	3 97012	-1 12965	6.41394	-.50416	.44630	- 07682	-.01053	-.01951
.900	-6.827	3 97089	- 91192	6 45376	-.36874	.40436	- 04466	-.00517	- 01236
.900	-4 611	3.97006	- 65570	6.47657	- 24602	.37521	- 01285	.00054	-.00597
899	-2.401	3.97325	- .34388	6 49697	-.12255	35637	02148	.00654	.00091
.899	- 196	3 97186	.00127	6 51074	.00044	.34671	.05500	.01252	00704
.900	2 019	3 97557	.37723	6 50010	.13110	34753	08607	.01788	.01221
899	4 240	3.97120	.69540	6 48861	.24860	35749	.10502	02092	.01377
GRADIENT		00021	.15475	00123	.05618	-.00200	01357	.00235	.00229

RUN NO.   117/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/   5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.259	4 07778	-1 02026	6 48989	-.54702	53616	-.08089	-.01164	-.01833
976	-6 961	4 07910	-.80073	6 52252	-.39221	.48982	- 04346	-.00517	- 01135
975	-4 702	4 07998	- 56487	6.54354	-.25772	.45625	-.00758	00122	-.00495
.975	-2.459	4.07989	- 30460	6.55989	- 13243	.43476	.03007	00806	.00126
.975	- 217	4 07999	- 00367	6 56267	-.00156	.42440	.06414	01471	.00575
.975	2.014	4.08078	28933	6 55889	.12278	.42434	09623	02039	.01038
.975	4 250	4 08030	.58400	6 53894	.25329	.43371	12669	02552	.01382
GRADIENT		00007	12922	- 00045	.05708	-.00248	01496	.00272	.00209

RUN NO   112/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/   5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 149	-7 154	4 20777	-.73414	6 55265	-.41067	.55940	-.03407	-.00333	- 01019
1.149	-4 846	4 20746	-.50290	6.58285	- 26418	.52532	.01325	00501	-.00557
1.149	-2.544	4 20880	- 24587	6.60156	- 12349	.50224	05162	.01214	- 00189
1.149	-.261	4 20913	.02022	6 61327	.00992	.49089	.08747	01849	00248
1.149	2 007	4.20953	28089	6.60880	13746	.48937	.11896	.02390	00638
GRADIENT		.00029	11459	.00393	05859	-.00523	01546	00276	.00176

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ031)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000
ELV-LO	=	4.000
ELV-RO	=	4.000

ELV-LI =	12.000
ELV-RI =	12.000

RUN NO. 107/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.551	4.21546	-.94600	6.54217	-.58543	.61885	- 07280	-.01007	-.01591
1.205	-7.169	4 21822	-.72041	6.56870	- 40651	.56428	-.02805	-.00236	-.01204
1.205	-4.842	4 21903	-.48060	6.59254	-.25379	.52808	.01551	.00541	-.00823
1 205	-2.561	4.21343	-.23189	6.60892	- 11744	.50647	.05325	.01222	-.00431
1.205	-.252	4.21863	.02924	6.62030	01450	.49583	.08699	.01827	-.00016
1.205	1.994	4 21883	.27362	6.61748	.13560	.49556	.11742	.02342	.00413
1 205	4.269	4.21903	.51776	6.60397	.25980	.50178	.14189	02768	.00730
	GRADIENT	.00002	.10986	.00139	.05621	-.00280	.01392	.00245	.00173

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6 000
ELV-LO	=	9.000
ELV-RO	=	9 000

ELV-LI =	12.000
ELV-RI =	12.000

RUN NO. 145/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.531	3 16424	-1 10796	-6.34433	-.39920	.36030	-.07540	-.00663	-.02844
598	-6 428	3.16178	-.85048	-6.37869	-.28083	.33020	-.05330	-.00247	-.02419
599	-4.310	3.16701	- 58259	-6.39833	-.18159	.31169	-.03140	.00144	-.01992
.598	-2.183	3 16043	-.24711	-6.40441	-.07355	.29765	-.00937	.00530	- 01488
.598	- 080	3 15937	.10728	-6.40738	.03116	.29042	01176	.00916	-.01048
.598	2.046	3.15764	48108	-6 40103	13926	.28947	.03555	.01366	- 00610
.598	4.137	3.15652	.83447	-6 39872	24507	.29368	.05727	.01757	-.00175
	GRADIENT	-.00113	.16864	.00012	.05047	-.00210	.01052	.00192	.00214

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 140/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.066	3.97608	-1.07116	-6.52728	-.48096	.44901	-.06014	-.00770	-.02258
.899	-6.811	3.97161	-.83873	-6.55992	-.34191	.40766	-.03812	-.00357	-.01816
900	-4.601	3.97323	- 59070	-6 56675	-.22430	.37972	-.01608	.00067	-.01364
900	-2.387	3.9⁻051	-.26992	-6.56856	-.09754	.36138	00726	.00487	-.00891
900	-.180	3 97012	08978	-6 56370	.03169	.35304	.03244	.00957	- 00424
.900	2.049	3 97026	.44244	-6 54664	.15628	.35323	.05985	01456	00047
.900	4.253	3 97025	.77317	-6.54336	.28172	.36437	.08555	.01930	.00421
	GRADIENT	- 00028	.15535	00310	.05716	-.00175	01155	.00212	.00204

RUN NO 135/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.263	4 07858	-.97769	-6 63803	-.52587	.53787	- 08689	- 01174	-.02257
976	-6 979	4.07980	-.75950	-6 66386	-.37470	.49335	- 05885	- 00651	-.01874
.976	-4 702	4 07995	-.51955	-6 67121	-.23894	.45991	-.03103	- 00134	-.01458
.975	-2 449	4 07742	-.24451	-6.66146	-.10739	.43922	- 00247	00365	- 00935
.975	-.213	4 08046	04622	-6.64665	.01998	.43228	.02413	.00842	-.00478
.975	2.012	4 08046	.33358	-6.64164	14481	.43411	.05283	.01365	-.00061
.975	4 257	4 08088	61477	-6.62966	.27538	.44794	.07910	.01876	.00223
	GRADIENT	.00022	.12720	.00460	.05723	-.00130	01231	.00224	.00189

RUN NO. 130/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.160	4.20865	-.69091	-6.67974	- 38620	.55898	-.06061	- 00733	-.01175
1.150	-4.833	4.20924	-.45086	-6 69386	- 23711	.52591	-.03297	-.00199	-.00819
1.150	-2.523	4.20852	-.19902	-6.67887	- 10109	.50797	-.00123	.00364	- 00367
1 149	-.246	4 21219	.05548	-6.67092	.02⁻72	.49969	.03060	.00950	.00011
1.150	2 034	4.21375	.30543	-6 66660	.15300	50095	.05982	.01504	.00232
	GRADIENT	.00075	.11030	.00261	.05679	- 00364	.01356	.00249	00154

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ032)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	-6.000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	9.000
SCALE	=	.0100					

RUN NO. 125/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.553	4.22301	-.92309	-6.67024	-.57226	.61994	-.08700	-.01258	-.01236
1.205	-7.192	4.22143	-.68217	-6.67509	-.38639	.56641	-.05796	-.00142	-.00942
1.205	-4.860	4.21786	-.43778	-6.68414	-.23336	.53306	-.02907	-.00142	-.00641
1.205	-2.542	4.21687	-.18677	-6.67400	-.09622	.51518	.00347	.00457	-.00302
1.205	-.258	4.21707	.06258	-6.66199	.03177	.50773	.03586	.01052	.00067
1.205	2.012	4.21627	.29582	-6.65894	.15084	.50991	.06197	.01551	.00251
1.205	4.274	4.21904	.52801	-6.65274	.27269	.51644	.08628	.01988	.00456
	GRADIENT	.00008	.10579	.00342	.05518	-.00170	.01268	.00235	.00120

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	9.000
SCALE	=	.0100					

RUN NO. 144/ 0   RN/L =   3.15   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.512	3.16620	-1.08471	-4.21410	-.39089	.36037	-.07346	-.00626	-.02800
.598	-6.391	3.16741	-.83642	-4.23688	-.27741	.33167	-.05052	-.00215	-.02387
.598	-4.298	3.16395	-.57001	-4.24346	-.17790	.31209	-.02620	.00196	-.01870
.599	-2.152	3.16136	-.24729	-4.24930	-.07402	.29932	-.00350	.00604	-.01391
.598	-.080	3.15676	.09246	-4.24715	.02700	.29206	.01700	.00994	-.00950
.598	2.034	3.15365	.45111	-4.24248	.13054	.28938	.03976	.01431	-.00530
.598	4.133	3.15290	.81822	-4.23872	.24090	.29442	.06512	.01894	-.00038
	GRADIENT	-.00142	.16508	.00077	.04951	-.00215	.01073	.00201	.00215

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 139/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.009	3.97368	-1.07066	-4.39680	-.48164	.44986	-.05955	-.00734	-.02288
.900	-6.779	3.97272	-.84658	-4.41475	-.34527	.40784	-.03691	-.00309	-.01816
.900	-4.573	3.97172	-.59113	-4.42290	-.22340	.37792	-.01426	.00116	-.01349
.900	-2.373	3.96391	-.27807	-4.43098	-.09971	.35858	.00836	.00528	-.00856
.899	-.171	3.96790	.07820	-4.42617	.02719	.34766	.03737	.01052	-.00358
.900	2.037	3.97071	.46015	-4.42302	.16000	.34771	.06722	.01610	.00128
.900	4.253	3.97487	.79244	-4.41940	.28634	.36134	.09407	.02102	.00530
GRADIENT		.00032	.15889	.00068	.05798	-.00199	.01249	.00229	.00215

RUN NO. 134/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.188	4.07995	-.96848	-4.41788	-.52285	.53987	-.08342	-.01105	-.02230
.975	-6.919	4.08045	-.75007	-4.42781	-.36939	.49247	-.05427	-.00577	-.01810
.975	-4.678	4.08028	-.51417	-4.42854	-.23645	.45987	-.02587	-.00056	-.01375
.975	-2.435	4.08105	-.25973	-4.42113	-.11413	.43943	.00242	.00443	-.00868
.975	-.202	4.08392	.02651	-4.40562	.01140	.43020	.03031	.00950	-.00362
.975	2.015	4.08109	.32463	-4.40097	.13989	.43092	.06083	.01532	.00002
.975	4.261	4.07811	.61236	-4.39166	.27240	.44483	.09055	.02097	.00328
GRADIENT		-.00019	.12707	.00421	.05696	-.00173	.01304	.00242	.00192

RUN NO. 129/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.115	4.21327	-.69357	-4.45291	-.38718	.55824	-.05478	-.00638	-.01156
1.150	-4.793	4.20997	-.44864	-4.45821	-.23518	.52421	-.02389	-.00057	-.00735
1.150	-2.489	4.21009	-.19768	-4.45140	-.09993	.50551	.01017	.00564	-.00287
1.150	-.249	4.20940	.05248	-4.44233	.02606	.49664	.04176	.01160	.00050
1.149	2.015	4.20825	.29870	-4.43416	.14838	.49675	.07254	.01718	.00322
GRADIENT		-.00026	.10996	.00358	.05633	-.00403	.01416	.00261	.00155

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ033)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN XT	BETA = -4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO 124/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.492	4 22083	- 90330	-4.44346	-.55855	.61835	-.08150	- 01175	-.01234
1.205	-7.134	4.21825	-.68063	-4.44610	-.38464	.56512	-.05049	-.00593	-.00907
1.205	-4.770	4.21826	- 43436	-4.43860	-.23038	.53039	-.01845	.00031	-.03625
1 205	-2.528	4 21746	- 18104	-4.44471	- 09285	.51288	.01608	.00685	-.00296
1.205	- 261	4 21785	06303	-4.43244	03180	.50456	.04747	.01260	.00055
1.205	2.034	4.21924	30325	-4.42705	.15328	.50546	.07575	01768	.00319
1 205	4.293	4.21963	53172	-4.42398	.27290	.51324	.09827	.02188	.00493
	GRADIENT	00020	10642	.00207	.05517	- 00183	01291	00238	.00126

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 000	ELV-LI = 12.000
LREF = 1290 3000 INCHES	YMRP = 0000 IN YT	ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO. 143/ 0   RN/L = 3 14   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.468	3.17291	-1.10707	-.03554	-.39662	.35827	-.07114	-.00636	-.02685
599	-6.372	3.16438	-.86883	-.03326	- 28434	.32727	- 04584	-.00189	-.02200
599	-4.282	3.15907	-.58601	-.03078	- 17961	30650	-.02153	.00245	-.01710
.599	-2.176	3 15061	- 27490	-.02423	- 08080	.29393	00266	.00681	-.01208
.599	-.080	3 14675	.07317	-.01857	02101	.28712	.02482	.01103	-.00782
.598	2.040	3 14132	.44876	-.01822	12761	28435	.04857	.01562	-.00305
.597	4.110	3.14285	.81904	- 01913	23578	.28787	.07390	.02042	.00184
	GRADIENT	-.00199	.16827	00140	.04948	-.00223	.01127	00213	.00223

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 9.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 9.000
SCALE =   .0100

RUN NO. 138/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8.989	3.96624	-1.10068	- 02517	-.49146	.44651	-.06775	-.00832	- 02310
.900	-6 747	3 96774	-.89471	-.02043	-.35743	.39949	-.04043	-.00354	-.01736
901	-4 554	3 97080	-.61018	-.01723	-.22374	.36668	- 01151	.00153	-.01167
.900	-2 378	3.97335	-.31195	-.00979	- 10790	.34590	.01633	00626	-.00551
.900	- 156	3.97705	07945	00303	02686	.33811	.05229	01277	.00059
.900	2 014	3 97402	.45795	.00481	.15574	.34008	.08482	.01889	.00505
900	4.235	3 97097	.80046	00430	.28310	.35368	.11209	.02352	.00929
GRADIENT		.00005	16346	.00262	05814	-.00144	.01437	.00258	.00239

RUN NO 133/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
975	-9.163	4 08050	-.98638	-.04749	- 52935	53667	-.08004	- 01036	-.02151
.975	-6.907	4 07885	-.78122	- 04241	-.38221	.48925	-.04728	-.00459	-.01646
.975	-4 625	4 08006	-.54169	-.03695	-.24506	45240	- 01537	.00104	-.01059
.975	-2.428	4 08354	-.28809	-.02075	-.12445	.43200	01540	.00640	-.00474
975	- 216	4 08360	-.00371	-.01191	-.00157	.42299	.04764	.01233	.00045
.975	1 991	4.08384	.29370	-.01171	12440	42355	.07842	.01824	.00396
.975	4.222	4 08072	58805	-.01748	25448	.43275	.10836	.02351	.00706
GRADIENT		00007	12850	.00216	05644	-.00215	.01404	.00257	.00199

RUN NO. 128/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.075	4 21130	-.71770	-.04190	- 39879	.55565	-.04398	-.00468	- 01023
1.149	-4.764	4.20907	- 47678	-.03839	- 24811	.52039	-.00650	.00238	-.00605
1.150	-2.495	4.21031	- 21011	-.02773	- 10537	.50151	.03513	.00992	-.00144
1.149	- 251	4.20964	.03757	-.01930	01849	.49216	.06756	.01595	.00175
1.150	1.993	4.21049	28126	-.01647	13794	.49044	.09711	.02115	.00496
GRADIENT		.00016	.11201	.00330	.05695	-.00441	.01525	.00277	.00161

LARC 8FT TPT 7·ᗡ (IA93) OTSAT130   (TJJ034)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	0100		

BETA	=	.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI = 12.000
ELV-RI = 12.000

RUN NO. 123/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU·	CDU	CNW	CBW	CTW
1 205	-9.413	4.22141	-.89909	-.03522	-.54892	.61053	-.07087	- 01001	-.01227
1.205	-7.076	4.22103	-.68771	-.03400	- 38459	.55923	-.03501	- 00341	-.00862
1.206	-4.760	4.21709	- 44436	-.03037	-.23377	.52609	.00222	.00392	-.00620
1.206	-2.490	4.21846	-.19023	- 01669	-.09641	.50683	.04005	.01067	-.00239
1.205	-.203	4 22003	.05794	- 00365	.02891	49906	.07475	.01683	.00137
1.205	1.992	4.22102	29021	- 00098	14443	49767	.10104	.02150	.00453
1 205	4.242	4 22380	51719	- 00687	.26099	50463	12379	02557	.00712
	GRADIENT	00071	.10690	00280	.05473	-.00233	01353	00241	.00149

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP =	400.0000 IN ZT
SCALE	=	.0100		

BETA	=	4.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI = 12.000
ELV-RI = 12.000

RUN NO. 146/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.520	3.16245	-1 11677	4.18241	-.40239	36032	-.07994	-.00729	- 02836
.598	-6.395	3.16455	- 86464	4.20630	- 28642	33126	- 05088	-.00227	- 02261
598	-4.288	3 16311	- 58224	4.22323	- 18105	.31095	-.02554	.00239	-.01758
598	-2.199	3.16271	- 27395	4.23703	- 08154	.29763	.00130	.00715	-.01192
.598	-.083	3.16014	.08358	4.24273	02424	.29001	.02706	.01202	-.00682
.598	2.011	3.15736	.44859	4.24200	.12916	.28792	05399	01695	-.00179
.598	4.122	3 15577	.82568	4 23119	24096	.29183	.08081	.02210	.00344
	GRADIENT	-.00095	.16826	.00099	.05015	-.00228	.01262	00234	.00248

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO. 141/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.004	3.97169	-1.09114	4.28196	-.48859	.44778	-.06300	-.00757	-.02150
.900	-6.781	3.97221	-.86832	4.31496	-.35136	.40464	-.03590	-.00291	-.01491
.900	-4.588	3.97155	-.61409	4.32832	-.23025	.37495	-.00429	.00264	-.00865
.900	-2.381	3.97210	-.29764	4.34853	-.10579	.35543	.03010	.00884	-.00230
.900	-.185	3.97248	.07192	4.35286	.02493	.34662	.06551	.01535	.00339
.900	2.030	3.97053	.45635	4.35173	.15817	.34659	.09987	.02156	.00815
.900	4.234	3.97038	.78423	4.34505	.28285	.36067	.12244	.02501	.01138
	GRADIENT	-.00018	.16099	.00166	.05850	-.00169	.01466	.00261	.00229

RUN NO. 136/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.192	4.07925	-.98105	4.31712	-.52759	.53778	-.07041	-.00891	-.02070
.975	-6.925	4.07788	-.76811	4.33732	-.37616	.48973	-.03499	-.00267	-.01449
.975	-4.686	4.08100	-.53138	4.35515	-.24289	.45709	-.00106	.00339	-.00839
.975	-2.437	4.07981	-.26297	4.36375	-.11445	.43523	.03394	.00975	-.00226
.975	-.218	4.08120	.01464	4.37651	.00626	.42723	.06679	.01604	.00255
.975	2.019	4.08209	.31776	4.37088	.13488	.42448	.09957	.02174	.00706
.975	4.243	4.08379	.61346	4.36211	.26845	.43759	.13207	.02728	.01027
	GRADIENT	.00035	.12863	.00094	.05700	-.00223	.01487	.00268	.00209

RUN NO. 131/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.110	4.21524	-.70483	4.33833	-.39491	.56029	-.03007	-.00209	-.01103
1.150	-4.783	4.21103	-.46485	4.35772	-.24382	.52451	.01608	.00628	-.00643
1.150	-2.515	4.20834	-.21737	4.37104	-.10930	.50285	.05441	.01316	-.00232
1.149	-.222	4.21007	.04706	4.38198	.02323	.49356	.08894	.01941	.00178
1.149	1.998	4.21082	.29257	4.38308	.14377	.49140	.11657	.02437	.00514
	GRADIENT	.00005	.11207	.00385	.05723	-.00481	.01485	.00267	.00171

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ035)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	4 000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO =	9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO =	9.000	
SCALE = .0100					

RUN NO. 126/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.495	4.21764	-.90436	4.33102	-.55808	.61710	-.06455	-.00849	- 01595
1.205	-7.145	4.21805	- 69018	4.34778	- 39029	.56549	-.02305	-.00104	-.01209
1.205	-4 820	4.21906	- 45144	4.36519	- 23918	.52981	.01864	.00655	- 00831
1.205	-2.540	4.21727	-.19913	4.38093	-.10137	.50907	.05458	01318	-.00468
1.205	-.250	4.21647	05759	4 39104	.02874	.49904	.08953	.01927	.00001
1.205	2.012	4 21667	29186	4 39275	.14518	.49743	.11621	.02401	00360
1 205	4.262	4 21744	52819	4.38400	26678	50509	14020	.02825	00669
	GRADIENT	-.00017	.10787	.00218	.05540	- 00270	.01342	.00239	.00169

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	6 000	ELV-LI = 12.000
LREF = 1290.3000 INCHES.	YMRP = .0000 IN. YT		ELV-LO =	9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO =	9.000	
SCALE = .0100					

RUN NO. 147/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.598	-8.531	3 16303	-1 12278	6.25000	-.40453	36029	-.09001	-.00729	-.02801
598	-6.418	3.16187	-.86424	6.28591	-.28568	.33056	-.05156	- 00221	-.02252
598	-4.324	3.16373	- 61133	6.31255	-.19028	.31125	-.02616	.00240	-.01746
.599	-2.184	3.16360	-.25854	6 33083	-.07654	.29604	.00276	.00760	-.01158
.598	-.094	3.16109	.09320	6 33606	.02693	.28894	.02853	.01256	-.00659
598	2.031	3.16049	47253	6 33621	13585	.28750	05792	.01779	-.00061
.598	4 157	3.15859	.84430	6 32105	.24599	.29135	.08579	.02318	.00451
	GRADIENT	-.00064	.17200	.00106	.05123	- 00228	.01318	.00244	.00259

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 142/ 0   RN/L =   3.97   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.053	3.97310	-1.08771	6.41925	-.48755	.44823	-.06312	-.00747	-.02111
.900	-6.829	3.97128	-.87834	6.45694	-.35669	.40609	-.03453	-.00269	-.01411
.900	-4.589	3.97195	-.61206	6.48210	-.23052	.37663	-.00046	.00321	-.00727
.900	-2.399	3.97218	-.31110	6.50469	-.11177	.35927	.03307	.00940	-.00155
.900	-.196	3.97257	.05254	6.51169	.01839	.35010	.06969	.01626	.00414
.900	2.044	3.97223	.43934	6.50747	.15435	.35132	.10638	.02260	.00990
.900	4.281	3.97136	.76083	6.49425	.27548	.36208	.12761	.02571	.01260
	GRADIENT	-.00005	.15762	.00120	.05762	-.00166	.01485	.00262	.00231

RUN NO. 137/ 0   RN/L =   4.08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.259	4.07862	-.98816	6.46556	-.53149	.53786	-.06847	-.00854	-.02030
.975	-6.953	4.08274	-.77179	6.49841	-.37903	.49111	-.03221	-.00211	-.01389
.976	-4.691	4.08738	-.52814	6.52140	-.24180	.45784	.00573	.00448	-.00703
.975	-2.457	4.08263	-.26348	6.53734	-.11499	.43645	.04274	.01138	-.00098
.975	-.214	4.08140	.03873	6.53983	.01654	.42710	.07564	.01768	.00346
.975	2.014	4.07724	.32644	6.54002	.13919	.42639	.10992	.02336	.00843
.975	4.252	4.07963	.62283	6.51746	.27259	.43766	.14193	.02899	.01093
	GRADIENT	-.00093	.12935	-.00023	.05739	-.00226	.01519	.00273	.00203

RUN NO. 132/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.161	4.20924	-.71461	6.56024	-.40089	.56100	-.02403	-.00088	-.01206
1.150	-4.842	4.21000	-.47337	6.58595	-.24917	.52638	.02268	.00735	-.00727
1.150	-2.546	4.21055	-.22283	6.60345	-.11234	.50414	.06226	.01451	-.00315
1.149	-.252	4.20967	.04445	6.61467	.02190	.49271	.09757	.02066	.00133
1.149	2.017	4.20967	.30474	6.61102	.14986	.49175	.12638	.02574	.00519
	GRADIENT	-.00008	.11375	.00378	.05821	-.00505	.01515	.00268	.00183

LARC 8FT TPT /49 (IA93) OTSATI30   (TJJ036)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

						BETA	=	6.000	ELV-LI =	12.000
SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   ELV-LO = 9.000   ELV-RI = 12.000
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT   ELV-RO = 9.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZT
SCALE = .0100

RUN NO. 127/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.546	4.21604	-.92072	6.60514	-.56950	.61854	-.06114	-.00744	-.01770
1 205	-7.182	4 21885	-.69856	6.62999	-.39509	.56558	-.01932	-.00031	-.01352
1 205	-4.856	4.21607	- 45997	6.65570	-.24368	.52978	.02470	.00756	- 00960
1 205	-2.544	4.21785	-.21085	6 67308	- 10709	.50787	.06183	01424	-.00550
1 205	-.267	4 21805	.04795	6 68327	.02387	.49769	.09605	.02022	- 00105
1 205	2.004	4.21724	29638	6 68483	.14746	.49754	.12593	.02528	00339
1 205	4 278	4.21863	53563	6 66698	.26999	.50406	.14889	02934	.00634
	GRADIENT	00020	13950	00151	05619	-.00272	01370	.00239	.00179

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ037)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

						BETA	=	-6 000	ELV-LI =	12.000
SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN. XT   ELV-LO = 14 000   ELV-RI = 12.000
LREF = 1290.3000 INCHES   YMRP = 0000 IN. YT   ELV-RO = 14.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

RUN NO 155/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9 049	3 97007	-1.02403	-6.52104	- 46125	.45043	-.04679	-.00585	-.02162
.900	-6.777	3.97159	-.78284	-6.55436	- 32140	.41056	-.02443	-.00158	-.01707
.900	-4 586	3 971?2	- 52952	-6.56502	-.20309	.38353	-.00207	.00257	-.01246
899	-2 384	3.96982	- 21419	-6 56536	-.07835	.36581	.02068	00678	- 00810
900	-.156	3.97122	.14970	-6 55698	.05369	.35865	04774	01172	-.00329
900	2.063	3.97070	51792	-6 54084	.18618	.35948	07549	.01680	.00130
900	4.283	3 97176	.82992	-6 53932	30791	.37101	.10081	.02161	.00494
	GRADIENT	.00008	.15556	.00342	05799	-.00141	.01175	.00217	.00199

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ037)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 150/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.976	-9.225	4 08309	-.93252	-6.60829	-.50509	.54164	- 07552	-.00988	-.02219
.976	-6.945	4.08161	-.70314	-6 62837	-.34908	.49646	-.04612	-.00444	-.01823
.976	-4.661	4 08027	-.46507	-6 63823	-.21569	.46379	- 01832	.00073	-.01412
.975	-2.433	4.08096	-.19475	-6 63403	-.08662	.44476	.00964	.00557	- 00887
.975	-.181	4.07962	10190	-6 60901	04464	43805	03858	.01072	-.00424
975	2.043	4.08032	38807	-6 60063	.17130	44143	06672	.01598	-.00054
.975	4.294	4.08161	66978	-6 59030	.30558	45624	09463	.02122	.00280
	GRADIENT	00009	.12743	.00578	.05809	-.00082	01264	.00230	.00188

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ038)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 154/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8 986	3.97444	-1.02432	-4.36341	- 46353	.45252	-.04618	- 00550	-.02165
900	-6 769	3.97472	- 79597	-4 38725	-.32771	41171	-.02413	- 00'35	-.01727
900	-4.547	3 97295	-.52730	-4 38894	-.20154	.38220	00044	.00317	-.01252
.900	-2 359	3 97273	- 21615	-4.38798	-.07859	.36359	.02275	.00728	-.00772
.899	-.128	3 97030	.15433	-4.38063	.05457	.35362	.05424	.01289	-.00231
900	2.063	3 96949	52085	-4.37054	.18449	35421	08380	.01852	.00212
.900	4.273	3.97066	85434	-4 36965	31452	.36815	.11160	02367	.00604
	GRADIENT	-.00035	.15866	00254	05871	-.00170	01285	.00237	.00213

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ038)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO. 149/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9 184	4.08516	-.92672	-4.42512	-.50310	.54288	-.07065	-.00911	-.02153
.976	-6 895	4.08608	-.70312	-4.43603	-.34931	.49680	-.04153	-.00378	-.01743
.976	-4.650	4.08324	-.46079	-4.43699	-.21376	.46391	-.01226	.00161	-.01317
.975	-2 418	4.08322	-.20807	-4.42448	-.09227	.44348	.01513	00651	-.00831
.975	-.186	4 08146	09337	-4.41579	04070	43595	.04395	.01177	-.00352
975	2.046	4.08242	37959	-4 40932	16632	43815	.07480	.01770	-.00019
975	4.294	4.08314	.66095	-4.40290	.30006	.45398	10554	.02346	00339
	GRADIENT	- 00004	.12666	.00373	.05755	-.00112	.01321	.00246	.00184

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ039)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO. 153/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8 970	3 96579	-1 05978	-.04580	-.47741	.45047	- 05493	- 00671	-.02199
.900	-6.748	3 97077	- 84138	- 03743	- 34063	.40485	- 02692	-.00175	-.01656
.900	-4.530	3.97097	-.54290	-.03793	- 20163	.37140	00292	00362	-.01105
.899	-2 350	3 97126	-.23636	-.03039	-.08311	.35162	.03235	.00868	- 00488
.900	-.145	3.97517	15868	- 02007	.05472	.34487	06648	01511	00041
.900	2 059	3.97486	.53555	- 02014	.18645	.34815	.10080	.02147	.00536
.900	4.269	3 97600	.86734	-.01883	31412	.36216	.13011	.02632	.01021
	GRADIENT	.00062	.16325	.00220	.05912	-.00099	.01467	.00264	.00240

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ039)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   148/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.145	4.08415	-.94470	-.03633	-.50898	.53878	-.06530	-.00824	-.02036
.976	-6 874	4.08742	- 72618	- 03542	-.35685	.49141	-.03398	-.00247	-.01581
.976	-4.634	4.08582	-.49288	-.02350	-.22557	.45765	- 00345	.00305	-.01056
975	-2.406	4 08298	-.22512	-.01195	- 09846	.43737	.02964	.00880	-.00470
.975	- 189	4 08103	06545	-.00359	.02808	.42896	.06189	01478	.00025
.975	2.045	4 08000	.35283	.00157	.15197	.43072	.09450	02076	.00392
.975	4.258	4 08232	.64439	- 00007	.28502	44230	.12542	.02626	.00704
	GRADIENT	-.00045	.12829	.00272	.05719	-.00169	.01451	00263	.00197

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ040)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO   156/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9 006	3.97148	-1 04886	4.25715	- 47412	.45203	-.05055	- 00609	-.02010
.899	-6.770	3.97060	-.82000	4 28465	-.33455	.40798	-.02221	-.00116	-.01365
.900	-4.559	3 96974	-.54383	4 30339	-.20631	.37936	.01106	.00479	-.00769
900	-2 366	3.97063	-.23324	4.31852	- 08418	36092	04577	.01108	-.00157
899	- 144	3.96794	14778	4.32720	.05202	.35203	.08186	.01794	.00387
899	2 056	3.97079	51272	4.32730	.18083	.35269	.11591	02401	.00868
.899	4.291	3 97171	85804	4.31584	.31570	.36793	.14387	.02848	01296
	GRADIENT	00019	.16047	.00152	.05918	-.00140	01518	.00273	.00233

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ040)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN. XT				BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 14.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 14.000	
SCALE = .0100						

RUN NO. 151/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.192	4.08065	-.94608	4.28955	-.51209	.54127	-.05685	-.00696	-.01954
.976	-6.914	4.08267	-.72624	4.31106	-.35921	.49461	-.02287	-.00081	-.01376
.976	-4.664	4.08282	-.48701	4.32777	-.22451	.46101	.01158	.00533	-.00758
.975	-2.399	4.08155	-.20968	4.34149	-.09218	.43961	.04745	.01191	-.00159
.975	-.196	4.08162	.07482	4.34671	.03240	.43304	.08124	.01835	.00277
.976	2.040	4.08354	.37262	4.34470	.16112	.43241	.11464	.02414	.00686
.975	4.276	4.08467	.66210	4.33280	.29594	.44698	.14968	.03003	.01049
	GRADIENT	.00025	.12906	.00060	.05799	-.00158	.01539	.00276	.00200

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ041)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT				BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 14.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 14.000	
SCALE = .0100						

RUN NO. 157/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.048	3.96837	-1.05423	6.38964	-.47645	.45194	-.05194	-.00627	-.01985
.900	-6.808	3.97063	-.82946	6.42879	-.33951	.40931	-.02172	-.00105	-.01311
.900	-4.601	3.97055	-.56015	6.45372	-.21363	.38138	.01242	.00506	-.00690
.900	-2.393	3.97058	-.24633	6.47538	-.08951	.36339	.04807	.01161	-.00073
.900	-.160	3.97084	.13858	6.47684	.04921	.35509	.08754	.01903	.00489
.900	2.054	3.97196	.50781	6.47498	.18133	.35709	.12306	.02522	.01036
.900	4.285	3.97292	.82821	6.46274	.30593	.36939	.14560	.02872	.01358
	GRADIENT	.00028	.15891	.00079	.05896	-.00136	.01536	.00274	.00234

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ041)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976 0000 IN. XT	BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 14.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 14.000	
SCALE = .0100			

RUN NO. 152/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
976	-9 229	4.08171	- 95068	6.46510	-.51494	.54165	-.05543	-.00664	-.01925
.976	-6.954	4.08516	- 73257	6.49626	-.36277	.49519	- 01979	- 00024	-.01314
.976	-4.655	4.08210	- 48173	6 51501	-.22234	.46155	.01806	.00647	-.00636
.975	-2 440	4.08050	- 21407	6.52870	-.09437	.44083	.05512	.01337	-.00063
.975	- 196	4.08041	.09073	6 53488	03926	.43270	09067	01992	.00402
.975	2 030	4 08016	.37336	6.53127	.16186	.43351	12500	02572	.00833
.976	4.281	4 08249	.66555	6.51349	.29761	.44717	15825	03157	.01129
	GRADIENT	.00002	12900	- 00003	.05801	-.00161	.01569	00280	00198

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ042)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = -6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN YT	ELV-LO = 14.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 14.000	
SCALE = .0100			

RUN NO. 165/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.027	3.97063	-1.05873	-6.51178	-.47460	.44827	-.05986	-.00719	-.02223
.900	-6 801	3.96966	- 82843	-6.54337	-.33851	40861	- 03739	-.00305	- 01786
.899	-4 581	3.96737	-.56347	-6.54964	-.21440	38049	-.01275	.00145	-.01331
899	-2.372	3 96967	-.24707	-6.55385	-.08998	.36417	.00978	.00564	-.00925
.900	-.150	3.97198	.12252	-6.54885	.04368	.35653	.03552	01053	- 00455
.900	2.074	3 96867	.48521	-6.54034	.17344	.35745	.06327	.01561	.00018
900	4.296	3 96948	.80472	-6.53208	.29606	.36790	08860	.02052	.00376
	GRADIENT	.00014	15625	.00219	.05785	- 00143	01154	.00217	.00196

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ042)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA	=	-6.000	ELV-LI =	8.000
ELV-LO	=	14.000	ELV-RI =	8.000
ELV-RO	=	14.000		

RUN NO. 160/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.237	4.08065	- 96752	-6.59080	-.52128	.53878	-.08775	-.01117	-.02154
976	-6.951	4.08244	-.74093	-6.61435	-.36702	.49535	-.05942	-.00591	-.01760
976	-4.679	4.08187	-.50567	-6 62184	-.23384	.46243	-.03152	-.00078	-.01371
975	-2.437	4.07990	- 23379	-6 61152	-.10345	44249	-.00379	.00418	-.00893
.975	-.198	4 08307	.05960	-6.60127	02594	43530	.02434	.00909	-.00449
975	2.046	4 08157	34436	-6 58590	15042	43680	.05371	01444	-.00060
.975	4.275	4 08164	63137	-6.57551	28456	45071	.08193	.01974	.00276
	GRADIENT	00005	.12738	.00528	.05764	-.00130	01270	00229	00184

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ043)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	0100			

BETA	=	-4.000	ELV-LI =	8.000
ELV-LO	=	14.000	ELV-RI =	8.000
ELV-RO	=	14.000		

RUN NO. 164/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8.973	3.97030	-1.06018	-4.35820	-.47618	.44915	-.05855	-.00679	-.02247
900	-6.768	3.96988	- 83790	-4.37604	-.34212	.40831	-.03674	-.00272	-.01815
.900	-4 556	3 96893	- 56690	-4.38300	-.21527	.37973	-.01241	00178	-.01372
.900	-2 357	3 96947	- 24995	-4.38423	-.09019	.36082	.01220	00625	-.00901
.899	-.141	3.96645	.11174	-4.37736	.03926	35133	.04205	01165	-.00366
.899	2.073	3.96766	.50685	-4.36587	.17850	.35218	.07288	01754	00104
.900	4.270	3.97180	.81897	-4.36131	.29882	.36487	10035	.02257	.00509
	GRADIENT	00019	15990	.00280	.05873	- 00174	01296	00239	.00216

LARC 8FT TPT /49 (1A93) OTSAT130   (TJJ043)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   159/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.193	4.08016	-.96431	-4.40592	-.52336	.54273	-.08397	-.01050	-.02114
.976	-6.910	4 07949	- 73963	-4.41664	-.36660	.49565	-.05596	-.00528	-.01738
976	-4.643	4.08042	- 49678	-4 41625	-.22961	.46219	-.02642	.00013	-.01286
.975	-2.417	4.07979	- 23650	-4 40999	-.10445	.44163	00218	.00517	-.00792
.975	-.173	4 07978	04791	-4.40071	02075	.43297	.03026	.01026	-.00355
.975	2.048	4 08099	.33471	-4.39110	14531	.43415	06077	.01606	.00004
.975	4.264	4 08195	61991	-4.38167	27792	.44832	09049	.02164	.00327
	GRADIENT	.00019	12588	.00396	05677	- 00159	.01312	.00242	.00181

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ044)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   0100

RUN NO.   163/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.899	-8.980	3.97782	-1.09775	-.02781	-.49083	.44712	-.06737	-.00821	-.02227
900	-6.738	3 97354	-.88082	-.02137	-.35381	.40168	-.03927	-.00334	- 01682
.900	-4.529	3 95703	- 58432	-.01723	-.21448	.36705	-.00940	.00204	-.01146
900	-2 337	3 96519	-.26956	-.01262	-.09387	.34825	01911	.00707	- 00567
899	- 136	3 96549	11832	- 00048	04027	.34034	05422	.01363	.00003
900	2.047	3 97063	.49593	-.00101	.17089	.34458	.08632	.01985	00440
.899	4.247	3 97143	.83789	-.00369	.29870	35649	.11567	.02463	00986
	GRADIENT	00065	.16456	.00176	.05886	-.00113	.01447	00264	.00240

LARC 8FT TPT /49 (IA93) OTSAT130   (TJJ044)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   158/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
976	-9 135	4.07606	- 96718	-.04383	- 52069	.53836	-.07785	-.00931	-.02065
975	-6 880	4 08099	- 76055	-.03869	- 37369	.49134	-.04685	-.00370	-.01598
.975	-4 623	4 07634	- 52158	-.03029	-.23772	.45577	- 01500	00200	-.01106
.975	-2.397	4.07736	- 25594	-.01746	- 11148	.43555	01811	00767	-.00504
975	-.202	4 07609	01223	-.00981	00521	.42608	.04746	.01322	- 00026
.975	2 025	4.08201	32157	- 00700	13724	.42679	.08084	01940	.00456
.975	4 243	4 08019	60818	-.01291	.26533	.43626	.10926	02448	.00759
	GRADIENT	00056	12806	00204	05664	-.00216	01405	.00256	.00212

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ045)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO.   166/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
900	-8.998	3 96897	-1 07385	4.27563	- 48170	44857	-.06467	-.00780	-.02025
900	-6.763	3 97033	- 84606	4.30761	-.34277	.40514	-.03564	-.00277	-.01374
900	-4.554	3 971F3	- 57443	4 31689	-.21590	.37585	-.00422	.00302	-.00830
899	-2.367	3 96999	- 27408	4 33066	-.09798	.35749	.02964	00918	-.00239
899	-.157	3 97027	10402	4 34136	03632	.34919	06728	01614	.00333
899	2 039	3 96947	.48734	4 34043	.17047	.34980	.10225	.02250	.00833
.900	4.258	3 97192	80432	4.33194	.29312	.36443	12507	.02621	.01223
	GRADIENT	-.00000	.15974	00144	.05840	-.00138	.01503	00271	.00235

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ045)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	8.000
ELV-LO	=	14.000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RUN NO.   161/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.180	4.08155	-.97099	4.30706	-.52336	.53900	- 06955	-.00820	-.01906
.976	-6.918	4 08117	-.76181	4 33059	- 37491	.49213	-.03637	-.00213	-.01374
976	-4.662	4.08117	- 51758	4 34611	-.23743	.45873	- 00005	.00430	-.00776
.976	-2.420	4.08202	- 25767	4 35694	-.11276	.43760	.03332	01041	-.00236
.975	-.199	4 07923	03761	4 36505	01618	.43009	06791	01700	.00247
.975	2.025	4 07962	.33429	4.36152	14300	42779	.10025	.02254	.00746
.975	4.261	4.08027	62919	4 35060	27759	.44118	.13232	02813	.01112
	GRADIENT	- 00019	12944	00061	.05768	-.00202	.01488	.00268	.00213

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ046)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	0100			

BETA	=	6.000	ELV-LI	=	8.000
ELV-LO	=	14.000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RUN NO.   167/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.039	3.97121	-1 07590	6.41387	- 48279	44873	- 06577	-.00778	-.01994
.899	-6.806	3.96805	- 86312	6.45330	- 35145	.40719	-.03610	-.00269	-.01355
.900	-4 587	3.96843	- 59152	6.47810	-.22389	.37850	-.00192	.00346	-.00739
.900	-2 369	3.97951	- 27531	6 49908	- 09951	.36145	.03438	01010	-.00128
900	- 145	3 97016	09148	6.50956	03233	.35343	.07355	.01751	.00436
.900	2.057	3.97103	.47905	6.49869	.16978	.35442	.10812	.02362	00980
.900	4.285	3.97194	.79472	6.48606	.29142	36670	.12748	.02639	01313
	GRADIENT	00034	.15906	.00070	.05863	-.00138	.01500	.00268	00235

LARC 8FT TPT /49 (IA93) OTSATI30　　　　　　　　　　　　　　(TJJ046)　　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	6.000	ELV-LI =	8 000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	14.000
SCALE	=	.0100

RUN NO.　162/ 0　　RN/L = 4.08　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.236	4.08115	-.98073	6 47917	-.52785	.53822	-.06851	-.00784	- 01883
.976	-6.950	4 08221	-.75784	6.51075	-.37338	.49269	-.03221	-.00132	-.01276
.976	-4 694	4.07972	-.52377	6.53244	-.24096	.46005	.00436	.00511	-.00659
976	-2.448	4.08003	- 25620	6.54747	- 11253	.43922	.04242	.01205	-.00102
.975	-.202	4.09010	05070	6 55111	02177	.42934	.07618	.01845	00348
975	2.031	4.07993	34483	6.54696	.14823	.42988	.10944	.02408	.00845
.975	4.277	4.07922	.63432	6.52550	.28035	.44197	14212	02977	.01197
	GRADIENT	-.00005	.13011	- 00064	.05813	-.00203	.01528	.00274	.00208

LARC 8FT TPT 749 (IA93) OTSATI30　　　　　　　　　　　　　　(TJJ047)　　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP	=	976.0000 IN XT	BETA =	-6 000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT	ELV-LO =	4.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	4 000
SCALE	=	.0100

RUN NO　185/ 0　　RN/L = 3.98　　GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.051	3.97353	-1.13002	-6.51665	-.50278	.44493	-.07355	-.01083	-.01926
.900	-6.830	3 97555	- 89947	-6 55128	-.36388	.40455	-.04855	-.00619	-.01510
900	-4.587	3 97610	- 63264	-6 56467	-.23764	37563	-.02390	- 00159	-.01076
900	-2.389	3 97632	-.32200	-6.57275	-.11525	.35791	-.00201	.00253	-.00691
900	- 180	3.97784	.01451	-6 57164	00506	.34890	.02206	.00671	-.00142
900	2 022	3.97686	34132	-6 56487	11883	34816	.04587	.01092	.00372
.901	4.256	3 97826	68442	-6 55934	.24446	.35719	.06891	.01525	.00756
	GRADIENT	00021	14923	00084	05423	- 00210	.01057	.00190	00214

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ047)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

               RUN NO.   180/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.260	4.07993	-1.03563	-6.58817	-.55322	.53419	-.10075	-.01508	-.01773
.976	-6.969	4.08190	-.81227	-6.61199	-.39636	.48797	-.07268	-.00974	-.01403
.975	-4.708	4.08118	-.57495	-6.62412	-.26208	.45582	-.04600	-.00487	-.00984
.975	-2.442	4.08190	-.29656	-6.61799	-.12901	.43503	-.01797	.00010	-.00499
.974	-.202	4.07925	-.00033	-6.59812	-.00014	.42614	.01044	.00498	-.00020
.975	2.013	4.08360	.27459	-6.58582	.11764	.42842	.03713	.00985	.00374
.975	4.252	4.08569	.54467	-6.58111	.23979	.44024	.06186	.01472	.00660
	GRADIENT	.00048	.12560	.00528	.05589	-.00170	.01210	.00219	.00186

               RUN NO.   175/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.152	4.21097	-.74300	-6.66518	-.41279	.55558	-.07529	-.01026	-.00812
1.150	-4.819	4.21105	-.50155	-6.67019	-.26144	.52126	-.04536	-.00482	-.00384
1.150	-2.534	4.21121	-.25287	-6.66554	-.12726	.50328	-.01517	.00059	.00046
1.150	-.254	4.21281	.00915	-6.65204	.00452	.49410	.01725	.00652	.00410
1.150	2.011	4.21157	.25727	-6.64730	.12741	.49526	.04729	.01209	.00658
	GRADIENT	.00014	.11148	.00361	.05702	-.00383	.01363	.00249	.00153

               RUN NO.   170/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.557	4.21469	-.96395	-6.65974	-.59458	.61681	-.09888	-.01521	-.00837
1.205	-7.177	4.21391	-.72787	-6.66348	-.40895	.56185	-.07056	-.00976	-.00559
1.205	-4.829	4.21352	-.48715	-6.67922	-.25744	.52846	-.04112	-.00424	-.00223
1.205	-2.530	4.21392	-.23501	-6.66928	-.11984	.50995	-.00936	.00169	.00099
1.205	-.259	4.21530	.01542	-6.65782	.00774	.50225	.02210	.00756	.00428
1.205	2.014	4.21449	.25639	-6.64671	.12917	.50382	.04871	.01266	.00622
1.205	4.289	4.21983	.49346	-6.63830	.25171	.51009	.07302	.01708	.00825
	GRADIENT	.00058	.10767	.00458	.05564	-.00189	.01257	.00235	.00115

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ048)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP =  976.0000 IN. XT        BETA   =  -4.000   ELV-LI =   8.000
LREF  = 1290.3000 INCHES   YMRP =     .0000 IN. YT        ELV-LO =   4.000   ELV-RI =   8.000
BREF  = 1290.3000 INCHES   ZMRP =  400.0000 IN. ZT        ELV-RO =   4 000
SCALE =    .0100
```

RUN NO. 184/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.011	3.97699	-1.13876	-4.34179	-.50814	.44622	-.07384	-.01065	-.01977
.900	-6.772	3.97770	-.90273	-4 36410	-.36427	40352	-.04696	-.00575	-.01521
.900	-4.558	3.97667	-.63209	-4.36634	-.23632	.37387	-.02299	- 00121	-.01088
900	-2.377	3 97761	- 33399	-4.37039	-.11841	.35452	-.00027	00291	-.00640
.901	-.178	3.97374	.00877	-4 35943	.00301	.34349	.02599	.00750	-.00077
.901	2 015	3 97482	.34691	-4 35680	11879	34243	05375	.01227	00515
900	4 235	3 97353	.70827	-4 35122	24977	.35265	.07811	.01691	.00897
GRADIENT		- 00041	15297	00200	.05503	- 00247	.01166	.00207	.00233

RUN NO. 179/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
975	-9.209	4 08108	-1.02660	-4 38505	-.55112	53684	-.09756	-.01434	- 01759
976	-6 939	4 08175	-.80952	-4 39573	- 39565	48874	-.06867	-.00906	-.01343
.975	-4 673	4 08205	- 57065	-4 39783	- 25998	45559	- 04025	-.00399	-.00893
.975	-2 439	4 08102	-.31367	-4 38839	-.13630	.43455	-.01311	.00090	-.00424
.975	-.220	4.08050	-.03195	-4.37541	-.01357	.42460	.01322	.00571	.00009
.975	2.012	4 08004	25008	-4 36521	11037	.42439	.04446	.01144	.00464
.975	4 256	4.08158	.54842	-4.35817	23919	.43615	.07218	.01680	.00766
GRADIENT		- 00009	.12604	00459	05581	-.00219	01266	00234	.00189

RUN NO 174/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7 103	4.20963	- 74440	-4 44824	-.41198	.55343	-.06745	-.00916	-.00732
1.150	-4 810	4 21081	-.50997	-4 45428	- 26488	.51940	-.03751	-.00367	-.00317
1.150	-2.514	4.21063	-.25608	-4 43759	-.12816	.50047	-.00503	.00233	00114
1 150	-.234	4 21012	.00870	-4.43119	00427	49084	02945	.00878	.00469
1.150	2.016	4 21275	.25369	-4 43298	.12451	.49081	.05950	.01431	.00705
GRADIENT		.00023	.11230	.00310	.05716	- 00420	.01430	00265	.00150

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ048)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   = -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO. 169/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.488	4.22061	-.94682	-4.43213	-.58193	.61461	-.09469	-.01450	-.00850
1 205	-7.128	4 22201	-.72602	-4.44522	-.40661	.56005	-.06363	-.00874	-.00511
1 205	-4.784	4.22102	-.48107	-4.44015	-.25248	.52483	-.03056	-.00250	-.00192
1.205	-2 517	4.22084	-.23078	-4 43461	-.11698	.50688	.00297	.00390	.00123
1.205	-.253	4.21666	.01257	-4.41904	.00626	.49831	.03499	.00973	.00446
1 205	2.012	4 21647	.25797	-4.41760	.12873	.49902	.06304	.01488	.00689
1 204	4.268	4 21546	.48862	-4.41387	.24752	.50657	.08584	.01907	.00881
	GRADIENT	-.00068	.10728	.00307	.05504	-.00196	.01294	.00239	.00120

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ049)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO = 4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO. 183/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
900	-8.972	3 97906	-1 16398	-.01346	-.51228	.44011	-.08046	-.01148	-.01955
900	-6 745	3 97492	-.94116	-.00091	-.37091	.39410	-.04855	-.00601	-.01411
900	-4.547	3 97241	-.66748	.00119	-.24084	.36082	-.02196	-.00121	-.00861
.900	-2.367	3 96909	-.36139	.00628	-.12293	.34016	.00777	.00378	-.00237
.900	-.163	3 96853	.00643	.01860	.00213	.33132	.03762	.00913	.00397
900	2.013	3 96846	.37384	.02216	.12387	.33134	.06669	.01425	.00976
.900	4.213	3.97197	.69818	.02225	.24012	.34392	.08832	.01794	.01350
	GRADIENT	-.00007	.15829	.00265	.05519	-.00194	.01276	.00223	.00257

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ049)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI = 8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO. 178/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.168	4.08188	-1 03734	-.03204	-.55316	.53325	-.09178	-.01347	-.01662
976	-6 910	4 08255	- 82901	- 02551	-.40243	.48543	-.06041	-.00784	-.01172
.975	-4.638	4 07965	- 59135	- 01288	- 26511	.44831	-.02959	-.00229	-.00651
975	-2.410	4 07938	- 33682	00373	- 14391	.42727	00153	00306	-.00083
.975	-.224	4.07956	-.06386	01487	- 02664	.41711	.03334	.00887	00395
.975	2 008	4.07964	24602	01348	10247	.41650	.06515	.01494	00817
.975	4.211	4 08390	53073	00617	.22608	.42598	.09158	.01989	.01154
	GRADIENT	00040	.12783	.00216	.05556	-.00251	.01383	.00254	.00204

RUN NO 173/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7 067	4 21260	- 76274	-.04378	- 41923	.54963	- 05708	- 00763	-.00527
1.150	-4.774	4 21157	- 53135	- 03862	-.27334	.51441	-.02132	-.00085	-.00156
1.150	-2.494	4 21084	- 26267	-.02806	-.12996	.49476	01967	.00667	.00252
1.150	-.253	4 21079	-.01628	-.01821	-.00079	48573	.05413	.01296	.00614
1.150	1 994	4.21055	.23484	-.01658	.11336	48271	08299	.01806	.00916
	GRADIENT	- 00014	.11289	.00337	.05688	-.00462	.01541	00280	.00159

RUN NO. 168/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.424	4 22180	-.94715	- 02902	-.57414	60618	-.08565	-.01311	-.00804
1.205	-7.086	4.22002	-.74041	-.02941	- 41021	.55403	-.04902	-.00640	- 00427
1.205	-4.779	4 21825	-.49700	-.01925	- 25812	.51936	-.01173	.00086	- 00182
1.205	-2.498	4.21825	- 23877	-.00370	- 11939	50003	.02573	00770	.00140
1.205	- 246	4 21964	00586	.00674	.00288	49144	.06012	01374	00542
1 205	2 006	4 22102	24873	00762	12182	48976	.08675	.01857	00821
1 205	4.240	4.21981	.47657	.00573	.23668	49663	.10916	.02275	.01030
	GRADIENT	.00026	.10801	00272	.05461	-.00248	01344	.00243	.00138

LARC 8FT TPT '749 (IA93) OTSATI30   (TJJ050)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE =	.0100			

BETA   =   4.000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO. 186/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
900	-9 011	3.97327	-1.13277	4.28417	-.50246	.44356	- 07508	- 01049	-.01818
900	-6.775	3 97175	-.91854	4.31439	-.36801	.40065	- 04471	- 00538	-.01193
900	-4.586	3.97314	-.65959	4.32728	- 24437	.37049	-.01539	- 00002	-.00587
900	-2 382	3 97198	-.35502	4.34663	- 12432	.35019	.01918	00582	.00140
900	- 185	3 97293	-.00848	4.35556	- 00289	.34048	.04999	01147	.00747
900	2 034	3 97289	38053	4.35144	12909	.33924	07821	01665	.01236
.900	4.225	3 97393	.68888	4.34054	24222	35162	09667	.01922	.01557
GRADIENT		.00011	.15576	00142	.05566	-.00221	.01285	.00224	.00244

RUN NO   181/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9 205	4 07774	-1 04384	4.31833	-.55725	53384	-.08571	-.01253	- 01592
.976	-6 951	4.08014	- 83639	4.33592	-.40639	48588	-.05069	-.00636	-.01016
.975	-4.682	4 09013	- 59168	4.35003	-.26697	45121	- 01507	-.00001	-.00388
.975	-2 437	4 08287	- 32708	4 36572	- 14040	.42924	.01898	.00615	.00149
.975	- 222	4.08'91	- 03949	4 36967	- 01666	42183	.05297	.01270	.00636
.975	2 007	4.08215	25649	4.37001	.10734	41850	.08483	01851	.01057
.975	4 233	4 08222	55732	4 35858	23932	.42942	.11526	02350	.01532
GRADIENT		00016	12936	00096	05658	-.00244	.01466	.00267	.00213

RUN NO   176/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 150	-7 115	4 214I3	-.760I7	4 36271	- 42295	.55638	- 04314	- 00513	- 00589
1 150	-4.804	4 21484	-.51835	4 38584	- 26969	.52029	00155	.00313	-.00190
1.150	-2 529	4 21442	-.27255	4.39626	- 13578	.49816	.04036	.01014	.00231
1.150	- 251	4.21233	-.00374	4.40921	-.00'82	48748	.07426	01632	.00598
1.150	2.002	4.21360	.24993	4.40833	12112	.48461	.10315	.02151	.00936
GRADIENT		-.00026	11340	00355	.05756	-.00519	.01493	.00270	.00165

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ050)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   171/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.486	4.21943	- 95117	4.35584	-.58346	.61342	- 07679	-.01138	-.01095
1 205	-7.129	4.21904	- 73341	4 37448	- 41109	.56052	- 03598	-.00373	-.00773
1.205	-4.816	4.21587	- 49647	4 39389	-.26045	52462	00678	.00400	-.00402
1 205	-2 528	4 21648	-.24827	4 40884	- 12489	.50305	04192	.01041	-.00013
1 205	- 231	4 21688	00749	4 41843	.00369	.49304	.07469	.01639	00364
1.205	2.004	4 21450	.24962	4 42084	.12256	49099	.10345	.02147	.00720
1 205	4.261	4 21468	.48763	4 41127	.24310	.49853	12975	.02595	01054
	GRADIENT	- 00019	.10871	00207	.05531	-.00284	01356	.00242	.00161

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ051)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   187/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
900	-9.027	3.97485	-1 13101	6.42960	- 50039	.44243	-.07537	-.01034	-.01757
.900	-6.829	3 97447	- 92203	6.46894	- 37094	.40231	-.04498	-.00523	-.01122
.900	-4 603	3 97572	-.66502	6.49873	-.24829	.37336	-.01225	.00050	-.00444
900	-2.397	3 97537	- 36159	6.52791	-.12821	.35457	.02162	.00644	.00264
.900	- 188	3.97285	- 01031	6 53122	-.00355	.34433	.05431	.01242	.00894
.900	2 026	3.97567	.34095	6.53644	11⁻56	.34479	.08128	.01713	.01377
.899	4 235	3 97286	.67072	6.52096	23756	.35418	.09948	.01962	.01628
	GRADIENT	- 00025	.15268	.00240	05509	- 00218	.01281	.00221	.00238

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ051)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ·   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO. 182/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

         MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
         .975   -9.273   4 07929   -1.05244   6 51066   - 56126   .53329   -.08432   -.01215   -.01565
         .976   -6.968   4.07870   -.83816   6 55017   -.40806   .48685   -.04691   -.00568   -.00883
         975   -4.715   4.08013   -.59776   6 57051   - 27080   .45303   -.01119   .00073   -.00297
         .975   -2.466   4.09020   -.32648   6.58922   -.14080   .43127   .02717   .00770   .00281
         .975   - 223   4 09028   - 02022   6.59960   - 00854   .42222   .06275   01457   .00712
         .975   2.002   4 08164   .26493   6 59472   .11154   42103   .09483   02012   .01199
         .975   4.250   4.08140   56040   6 57482   24158   .43108   .12266   02471   01633
                   GRADIENT   .00018   .12982   00063   .05702   -.00242   01497   00270   .00213

                    RUN NO   177/ 0   RN/L =   4 21   GRADIENT INTERVAL =   -5.00/   5 00

         MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
         1.150   -7.141   4 21094   -.75697   6 55994   - 42162   .55699   -.03711   - 00372   - 00712
         1.150   -4.832   4.21229   -.52430   6.59113   - 27387   .52235   .00920   00448   -.00280
         1.150   -2.546   4 21063   - 27496   6 60683   - 13734   .49950   04775   01150   .00127
         1.150   -.264   4 21105   -.00917   6 61789   -.00447   .48760   .08157   .01755   00516
         1.150   2.006   4.21148   25715   6 61642   .12499   .48605   .11407   .02314   .00910
                   GRADIENT   -.00009   11450   .00382   .05832   - 00530   01529   .00272   .00174

                    RUN NO   172/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5,00/   5 00

         MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
         1 204   -9.551   4.21429   -.96903   6.54309   -.59765   61675   -.07594   -.01055   -.01306
         1 205   -7 167   4 21468   - 74267   3.57090   -.41721   .56177   - 03147   - 00282   -.00924
         1.205 ʼ -4 853   4.21483   -.50695   6 59597   -.26630   .52529   .01128   .00479   - 00534
         1 205   -2 557   4 21606   -.26581   6.60188   -.13371   .50305   .04826   01139   -.00142
         1 205   - 255   4 21982   .00177   6.61938   .00087   .49238   08226   01751   00265
         1 204   1.993   4.22041   .25111   6 61946   12357   49210   .11245   02272   00665
         1 204   4.280   4 21883   .49929   6.60659   24871   .49813   .13770   .02707   00987
                   GRADIENT   00054   .11086   00171   05642   - 00287   .01390   .00245   00169

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ052)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 195/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.201	4.20864	-.78281	-6.66167	-.43630	.55734	-.08319	-.01361	-.00397
1.150	-4.856	4.21003	-.54254	-6.66818	-.28292	.52147	-.05506	-.00822	-.00014
1.150	-2.541	4.21024	-.28504	-6.67028	-.14300	.50170	-.02333	-.00269	.00453
1.150	-.287	4.21121	-.04107	-6.66099	-.02024	.49291	.00602	.00276	.00779
1.150	2.001	4.20864	.22558	-6.65029	.11128	.49330	.03870	.00889	.01034
	GRADIENT	-.00014	.11165	.00275	.05720	-.00409	.01361	.00249	.00152

RUN NO. 190/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.591	4.22001	-1.00111	-6.67902	-.62062	.61993	-.10864	-.01858	-.00501
1.205	-7.199	4.21883	-.76777	-6.68339	-.43288	.56382	-.07933	-.01305	-.00186
1.205	-4.866	4.21903	-.52672	-6.69292	-.27846	.52868	-.04941	-.00744	.00173
1.205	-2.554	4.21903	-.27063	-6.68557	-.13776	.50904	-.01759	-.00147	.00482
1.205	-.277	4.21824	-.02663	-6.67781	-.01332	.49999	.01293	.00424	.00792
1.205	1.976	4.21705	.21802	-6.67022	.10927	.50117	.04239	.00981	.01000
1.205	4.263	4.21803	.46228	-6.66314	.23474	.50779	.06615	.01449	.01098
	GRADIENT	-.00017	.10825	.00329	.05589	-.00219	.01278	.00242	.00104

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ053)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO 194/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.111	4.21003	-.78587	-3.78919	-.43539	.55403	-.07561	-.01243	-.00333
1.150	-4.828	4.20960	-.55268	-3.79348	-.28675	.51884	-.04437	-.00675	.00099
1.150	-2.532	4.21003	-.29549	-3.78104	-.14745	.49901	-.01110	-.00052	.00520
1.150	-.279	4.20958	-.04785	-3.77065	-.02340	.48897	.02220	.00575	.00838
1.150	1.992	4.21003	.21634	-3.76851	.10536	.48701	.05464	.01181	.01072
	GRADIENT	.00004	.11248	.00376	.05726	-.00465	.01454	.00273	.00143

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ053)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE	=	.0100							

RUN NO. 189/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.204	-9.507	4.21525	-.98019	-4.45638	-.60491	.61714	-.10372	-.01784	-.00487
1.205	-7.150	4.21586	-.76771	-4.46402	-.43063	.56093	-.07214	-.01200	-.00128
1.205	-4.829	4.21469	-.52731	-4.46772	-.27686	.52504	-.04054	-.00597	.00171
1.205	-2.536	4.21129	-.27472	-4.45563	-.13884	.50537	-.00676	.00045	.00492
1.205	-.266	4.21330	-.02192	-4.44836	-.01087	.49608	.02636	.00664	.00791
1.205	1.985	4.21329	.22314	-4.44371	.11066	.49593	.05508	.01214	.00974
1.204	4.246	4.21348	.46189	-4.43579	.23260	.50359	.07882	.01676	.01077
	GRADIENT	-.00015	.10923	.00334	.05595	-.00232	.01326	.00252	.00101

LARC 8FT TPT 749 (1A93) OTSAT130   (TJJ054)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	.000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE	=	.0100							

RUN NO 193/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.083	4.21333	-.80494	-.03443	-.44172	.54876	-.06703	-.01115	-.00161
1.150	-4.795	4.21076	-.57121	-.02997	-.29304	.51301	-.02944	-.00419	.00253
1.150	-2.511	4.20970	-.30815	-.01553	-.15180	.49261	.01131	.00332	.00653
1.150	-.272	4.20837	-.05037	-.00483	-.02430	.48236	.04621	.00997	.00939
1.150	1.982	4.20994	.20330	-.00216	.09746	.47939	.07623	.01559	.01170
	GRADIENT	-.00017	.11437	.00417	.05756	-.00493	.01559	.00292	.00135

RUN NO. 188/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.447	4.21151	-.98503	-.02435	-.60005	.60916	-.09570	-.01669	-.00435
1.205	-7.115	4.21331	-.77955	-.02640	-.43253	.55485	-.05852	-.00976	-.00061
1.205	-4.805	4.21392	-.54855	-.01582	-.28462	.51887	-.02191	-.00261	.00163
1.206	-2.534	4.21452	-.27924	-.00328	-.13906	.49801	.01755	.00471	.00499
1.205	-.260	4.21609	-.02868	.00703	-.01403	.48907	.05441	.01126	.00856
1.205	1.987	4.21548	.21149	.00768	.10294	.48673	.08121	.01628	.01078
1.205	4.224	4.21625	.44603	.00787	.22010	.49347	.10565	.02074	.01322
	GRADIENT	.00025	.10984	.00259	.05543	-.00276	.01412	.00258	.00128

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ055)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2630.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO. 196/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.124	4.21066	-.79443	4.35178	-.44144	.55567	- 05289	-.00858	-.00189
1.150	-4.831	4 21003	- 56361	4.37060	- 29261	.51916	-.00892	-.00040	.00182
1 150	-2 536	4.21000	- 30585	4 38324	-.15181	.49636	.03315	.00735	.00572
1 150	- 269	4.21024	- 04823	4.39129	-.02344	.48590	06591	.01364	.00840
1.150	1.988	4.21000	21455	4.39036	10340	.48194	.09723	.01925	01187
	GRADIENT	00001	11407	.00297	05793	- 00538	.01546	00287	00144

RUN NO. 191/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9 504	4 21667	- 98612	4 35458	-.60680	61534	- 08733	- 01495	-.00735
1.205	-7 162	4 21668	- 77803	4.37810	- 43652	.56106	-.04593	-.00708	-.00427
1.205	-4.842	4 21787	- 53819	4 39371	- 28185	52371	-.00155	.00105	-.00085
1.206	-2 540	4 21827	-.28380	4.40463	- 14241	50180	03606	.00801	.00255
1 206	- 267	4 21847	-.02983	4 41740	- 01464	49092	06962	.01414	.00640
1 206	1 978	4 21827	.21581	4 41913	.10530	.48794	09919	01934	.00994
1 205	4 237	4 21766	.45913	4.40629	.22753	.49556	.12405	.02369	.01284
	GRADIENT	- 00002	.11000	.00176	.05586	-.00310	.01387	00250	.00153

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ056)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   -5.000
SCALE =   0100

RUN NO. 197/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.170	4.21042	-.80131	6.55582	-.44575	.55627	-.04683	-.00737	- 00289
1.150	-4 871	4.20982	-.57105	6.58477	-.29776	.52142	-.00015	.00119	.00074
1.150	-2.557	4.20979	- 31128	6.59698	- 15512	.49835	.04171	.00899	.00425
1.150	- 278	4.20982	- 04720	6.60762	-.02293	.48584	.07687	.01538	.00809
1.150	1 992	4.20984	.22255	6.60617	.10774	48415	10848	.02099	.01142
	GRADIENT	00000	11565	.00328	.05898	-.00545	01579	.00288	00157

LA ⊂ 8FT TPT /49 (IA93) OTSAT130   (TJJ056)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   192/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.573	4.21392	-1.00691	6.54865	-.62280	.61852	-.08571	-.01417	-.00897
1 206	-7.210	4.21313	- 78644	6.57514	-.44197	.56199	-.04115	-.00601	-.00586
1.205	-4.871	4.21175	-.54802	6 60015	-.28748	.52457	.00429	.00212	-.00233
1 205	-2.578	4 21174	-.29881	6.61649	-.15007	.50220	.04264	.00906	.00135
1.205	- 306	4.21193	- 04287	6 62615	-.02103	.49048	.07524	.01504	.00494
1.205	1.981	4.21192	22023	6.62682	.10783	48961	.10724	.02055	.00911
1.205	4.255	4 21191	46820	6 61131	.23217	49589	!3276	02484	.01256
	GRADIENT	00002	.11185	00143	.05687	-.00307	.01410	00250	.00165

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9 000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO =   9.000
SCALE = /   .0100

                RUN NO.   217/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
-.599	-8 551	- 3.22626	-1 15922	-6.31592	-.41943	.36182	-.07701·	-.00787	-.02459
599	-6 419	3.22909	-.90632	-6.34702	-.30116	.33229	-.05101	-.00330	-.02020
.599	-4.308	3 23271	- 63586	-6.36815	-.19851	.31219	-.02827	.00071	-.01557
600	-2 195	3 23600	- 31757	-6.37119	- 09472	.29826	- 00605	.00466	-.01126
599	- 098	3 23489	04820	-6.37146	01398	.29011	.01605	.00854	-.00646
.599	2 014	3 23798	40968	-6.36619	.11835	28869	04021	.01291	-.00144
.599	4.152	3 23798	.79046	-6.35554	23072	.29188	06180	.01704	.00268
	GRADIENT	.00059	16944	.00143	.05071	-.00236	01071	.00194	.00219

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 200/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.045	3 96997	-1 08925	-6.52743	-.48595	.44614	- 06505	-.00846	-.02130.
.900	-6.818	3 97410	- 86265	-6.56284	-.35065	40648	-.04219	-.00434	-.01715
.900	-4.595	3.97390	-.61172	-6.57703	- 23144	.37835	-.01886	-.00002	-.01258
.899	-2.380	3.9/211	- 28912	-6.57663	- 10397	.35960	00333	00416	-.00857
.900	-.169	3 97189	05895	-6 57157	02075	35203	.02754	00871	- 00392
.900	2 044	3 97239	.41643	-6 56431	14668	35222	.05576	01377	.00142
.900	4 261	3 97014	.73699	-6 56185	.26701	36230	.08021	01844	.00500
GRADIENT		- 00033	15373	00193	.05636	-.00178	.01132	00210	00204

RUN NO 212/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
975	-9 274	4 09085	-1.00596	-6 57889	- 54024	.53709	-.09288	- 01274	- 02058
.976	-6 970	4 09096	-.77569	-6.60387	- 38016	.49010	-.06399	- 00742	- 01642
.975	-4 705	4 08932	-.53715	-6.61151	- 24583	45766	- 03701	- 00236	-.01246
.975	-2 433	4 08834	-.26320	-6 60346	- 11529	.43803	-.00895	.00257	-.00755
975	- 205	4.08713	03090	-6 58942	01331	43076	.01857	.00745	-.00301
.975	2.026	4.08436	31204	-6.58508	.13460	.43136	04711	.01260	.00087
.975	4 245	4.08333	58677	-6 55732	.25969	.44257	.07166	.0'758	00338
GRADIENT		- 00071	12626	.00477	05640	-.00166	01223	.00223	.00173

RUN NO 206/ 0   RN/L =   4 19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.135	4.19163	-.71134	-6 65368	-.39641	55727	-.06802	-.00816	-.01042
1 150	-4 831	4.19048	-.47633	-6.66029	- 24953	.52385	-.04015	-.00289	-.00671
1.150	-2.531	4.19102	- 22413	-6 65427	- 11333	.50565	-.00893	.00270	- 00229
1.150	-.247	4.18895	.03081	-6 64497	.01533	.49761	02272	.00852	.00122
1.150	2.012	4.18815	.28121	-6 63882	.14036	.49913	.05248	.01409	.00360
GRADIENT		-.00040	.11079	.00323	.05692	-.00361	.01357	.00249	00151

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ057)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI = 8.000
ELV-LO	=	9.000	ELV-RI = 8.000
ELV-RO	=	9.000	

RUN NO. 222/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.544	4.21625	-.93870	-6.65865	-.58045	.61836	-.09250	-.01339	-.01078
1.205	-7.170	4.21606	-.70616	-6.67090	-.39854	.56437	-.06421	-.00794	-.00791
1.205	-4.827	4.21667	-.46106	-6.67502	-.24468	.53070	-.03377	-.00213	-.00462
1.205	-2.533	4.21707	-.21403	-6.67154	-.10989	.51344	-.00222	.00381	-.00153
1.205	-.249	4.21489	.03770	-6.66148	.01907	.50575	.03048	.00974	.00215
1.205	2.014	4.21566	.27787	-6.65508	.14096	.50730	.05761	.01489	.00410
1.205	4.293	4.21666	.50609	-6.64848	.26004	.51382	.08168	.01930	.00599
	GRADIENT	-.00006	.10648	.00305	.05531	-.00176	.01276	.00237	.00118

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4.000	ELV-LI = 8.000
ELV-LO	=	9.000	ELV-RI = 8.000
ELV-RO	=	9.000	

RUN NO. 216/ 0   RN/L = 3.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.504	3.16773	-1.13634	-4.22420	-.41279	.36327	-.08346	-.00812	-.02681
.599	-6.391	3.17439	-.89539	-4.24468	-.29875	.33365	-.05797	-.00362	-.02237
.598	-4.287	3.17957	-.62984	-4.25768	-.19725	.31318	-.03472	.00051	-.01773
.599	-2.186	3.19090	-.32554	-4.26618	-.09771	.30015	-.00874	.00476	-.01222
.599	-.102	3.20329	.01503	-4.26751	.00439	.29229	.01606	.00897	-.00712
.599	2.025	3.20636	.38702	-4.26625	.11177	.28879	.04184	.01355	-.00198
.599	4.137	3.20962	.76940	-4.25873	.22520	.29269	.06602	.01813	.00266
	GRADIENT	.00358	.16674	-.00010	.05007	-.00248	.01197	.00209	.00242

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT	BETA =	-4.000 ELV-LI = 8.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	ELV-LO =	9.000 ELV-RI = 8.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO =	9.000
SCALE	= .0100				

RUN NO. 199/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-9.003	3.97218	-1.09351	-4.36321	-.48896	.44715	- 06501	-.00817	-.02190
.900	-6 774	3 97205	- 87351	-4 38412	- 35435	40566	- 04161	-.00400	-.01730
.900	-4 567	3.97126	-.61469	-4.38412	-.23117	.37608	-.01889	.00029	-.01294
.900	-2.365	3.96971	-.29397	-4.39056	-.10481	.35653	.00475	.00456	-.00814
.899	-.162	3.96894	.06414	-4.38660	.02225	.34697	.03403	.00984	-.00298
.900	2.032	3.97002	44033	-4 37943	15250	34633	06285	.01537	.00199
.900	4 242	3 97288	76122	-4.38043	27344	35922	.08879	.02026	00557
	GRADIENT	.00016	15835	.00084	05753	- 00199	01242	.00231	.00214

RUN NO   211/ 0   RN/L =   4 10   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	. CNW	CBW	CTW
.975	-9.207	4 08908	-.99221	-4.39223	-.53390	.53810	-.08827	- 01193	-.02009
.976	-6.906	4 09001	-.77099	-4.40681	-.37805	.49034	-.05880	-.00657	-.01578
.975	-4.662	4 09431	-.53161	-4 40525	-.24297	.45706	- 03125	-.00145	-.01169
.975	-2.430	4 09529	- 27710	-4.39968	-.12104	.43681	-.00380	.00343	- 00678
.975	- 208	4, 09839	00563	-4.38065	.00241	.42875	.02505	.00856	-.00169
.975	2.014	4 09910	29669	-4.37892	12679	.42734	05383	01408	00183
.975	4.237	4.10260	.58289	-4 37260	.25615	.43945	08421	01969	.00512
	GRADIENT	00092	.12601	00387	05602	-.00201	01297	.00238	.00190

RUN NO. 205/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	. CTW
1 150	-7 091	4.19787	-.71384	-4.43639	- 39681	.55588	-.06096	-.00718	- 00979
1.150	-4.784	4.19673	- 47357	-4.44596	-.24732	.52225	-.03003	- 00144	- 00563
1.150	-2.511	4.19555	-.22469	-4 43371	-.11324	.50398	.00277	.00466	- 00146
1.150	-.243	4.19435	.02434	-4 42208	.01205	49502	03543	.01079	00193
1.150	2 015	4.19454	27556	-4 41824	.13647	49525	.06493	.01627	.00430
	GRADIENT	-.00034	11014	00418	.05633	- 00397	.01401	.00261	.00146

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ058)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT	XMRP =	976 0000 IN. XT		BETA =	-4.000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	0000 IN. YT		ELV-LO =	9.000	ELV-RI =	8.000
BREF =	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT		ELV-RO =	9.000		
SCALE =	0100							

RUN NO. 221/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.475	4 21369	- 92050	-4.44238	-.56718	.61617	- 08734	-.01261	-.01050
1.205	-7.134	4 21410	- 70202	-4.45375	-.39556	.56346	-.05647	-.00687	-.00736
1 205	-4.791	4 21450	- 45927	-4.45626	-.24260	.52823	-.02397	-.00051	-.00436
1 205	-2 511	4 21371	- 20989	-4.44439	-.10719	.51071	.01036	.00599	-.00121
1 205	- 242	4.21470	03785	-4 43748	01901	.50236	.04284	.01190	.00217
1.205	2 021	4 21430	28082	-4 43110	14132	.50323	.07190	01708	.00489
1 205	4 279	4 21686	50738	-4 43128	25896	.51040	.09444	02129	00660
	GRADIENT	00023	10692	00279	.05521	-.00191	.01316	00241	00124

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	.000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	8.000
BREF =	1290.3000 INCHES	ZMRP =	400 0000 IN ZT		ELV-RO =	9.000		
SCALE =	.0100							

RUN NO. 215/ 0   RN/L =   3 16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.479	3 17935	-1.16539	- 01511	-.41934	.35983	-.07933	-.00799	-.02480
.599	-6.391	3.17433	- 92958	- 01314	-.30553	.32868	-.05500	- 00361	-.02036
.599	-4.281	3.17163	-.65253	- 00787	-.20008	.30662	-.03180	.00069	-.01575
.599	-2.176	3.16883	- 34015	- 00072	- 09998	29393	- 00644	.00512	-.01070
.599	-.088	3.16626	.00723	.00428	00207	28639	.01777	.00951	-.00568
.599	2 013	3.16490	.39000	.00056	11044	.28319	.04088	.01405	- 00121
.598	4 112	3.16424	.76153	-.00069	.21793	.28617	.06774	.01895	.00398
	GRADIENT	- 00089	.16964	.00075	.04989	-.00246	.01175	00217	00233

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO. 198/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-8.988	3.97067	-1.11616	-.02415	-.49506	.44354	-.07352	-.00930	-.02186
.900	-6.763	3.97550	-.91536	-.02428	-.36450	.39921	-.04570	-.00457	-.01652
900	-4.541	3.97368	-.62016	-.02415	-.22526	.36323	-.01660	.00055	-.01059
.901	-2.384	3.97490	-.33686	-.01609	-.11590	.34406	.01121	.00516	-.00420
900	-.172	3.97228	.05430	-.00463	.01822	.33562	.04508	.01142	.00138
.900	2.024	3.97258	.44574	-.00526	.15072	.33814	.07836	.01779	.00602
.900	4.242	3.96982	.78355	-.00237	.27507	.35105	.10622	.02243	.01086
	GRADIENT	-.00046	.16340	.00247	.05768	-.00137	.01423	.00257	.00242

RUN NO. 210/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.164	4.07595	-1.00254	-.03822	-.53600	.53465	-.08389	-.01098	-.01996
.975	-6.876	4.07662	-.79102	-.02879	-.38538	.48720	-.05193	-.00531	-.01491
.975	-4.632	4.07703	-.55838	-.02289	-.25204	.45138	-.02047	.00026	-.00959
975	-2.415	4.07710	-.29203	-.00801	-.12548	.42968	.01210	.00585	-.00361
.975	-.201	4.07631	-.02172	.00286	-.00913	.42040	.04416	.01175	.00133
.975	2.007	4.07717	.27796	.00499	.11667	.41973	.07446	.01763	.00554
975	4.226	4.07845	.56945	-.00408	.24447	.42932	.10156	.02251	.00899
	GRADIENT	.00013	.12764	.00229	.05579	-.00244	.01384	.00254	.00209

RUN NO. 204/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.060	4.20393	-.73810	-.02806	-.40784	.55255	-.05077	-.00559	-.00818
1.150	-4.763	4.20691	-.50045	-.02992	-.25892	.51738	-.01294	.00149	-.00419
1.150	-2.487	4.20773	-.23734	-.01978	-.11832	.49851	.02667	.00880	-.00003
1 150	-.246	4.20770	.00723	-.00383	.00354	.48952	.06092	.01506	.00333
1 150	1.991	4.20725	.25625	-.00013	.12477	.48689	.09028	.02024	.00643
	GRADIENT	.00004	.11175	.00468	.05657	-.00447	.01529	.00278	.00157

LARC 8FT TPT /49 (IA93) OTSATI30   (TJJ059)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ FT.    XMRP  =    976.0000 IN. XT          BETA    =      .000   ELV-LI =    8.000
LREF  =  1290.3000 INCHES    YMRP  =      .0000 IN. YT           ELV-LO  =     9.000   ELV-RI =    8.000
BREF  =  1290.3000 INCHES    ZMRP  =    400.0000 IN. ZT          ELV-RO  =     9.000
SCALE =      .0100
```

RUN NO. 220/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.414	4.21606	-.92292	-.03990	- 56151	.60840	- 07773	-.01107	-.01030
1 205	-7.055	4 21607	-.71320	-.03328	-.39676	.55631	- 04161	-.00431	-.00678
1 205	-4.784	4.21746	- 47315	-.02654	- 24741	.52289	- 00309	00306	-.00398
1 205	-2.510	4.21905	- 21311	- 01406	- 10730	.50351	03381	00984	-.00075
1.205	- 237	4.21945	.02935	-.00356	.01455	.49594	.06823	.01594	.00303
1.205	2.006	4 21568	.26100	.00026	.12883	49360	.09539	.02075	00609
1.205	4.263	4 21903	49829	- 00411	.24931	.50033	.11923	02509	.00857
	GRADIENT	-.00001	.10690	.00262	.05439	- 00244	.01355	.00243	.00141

LARC 8FT TPT 749 (IA93) OTSATI30   (TJJ060)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.    XMRP  =    976.0000 IN. XT          BETA    =      000    ELV-LI =    8.000
LREF  =  1290.3000 INCHES    YMRP  =      .0000 IN. YT           ELV-LO  =     9 000   ELV-RI =    8.000
BREF  =  1290.3000 INCHES    ZMRP  =    400.0000 IN. ZT          ELV-RO  =     9.000
SCALE =      .0100
```

RUN NO. 201/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.900	-.167	3 97447	.04253	-.00107	.01426	.33521	04393	01124	.00089
	GRADIENT	.00000	00000	.00000	.00000	.00000	00000	.00000	.00000

RUN NO 207/ 0   RN/L =   4.18   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-.241	4 17643	.01278	-.01151	.00625	48904	05989	.01506	00307
	GRADIENT	.00000	.00000	00000	00000	.00000	00000	00000	.00000

LARC 8FT TPT /49,(IA93) OTSATI30   (TJJ061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT				BETA = 4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 9.000	ELV-RI = '8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 9.000	
SCALE = .0100						

RUN NO   218/ 0   RN/L =   3.20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.599	-8.511	3.24844	-1.16877	4.18495	-.42333	.36220	- 07683	-.00830	-.02271
600	-6.409	3 25157	- 93497	4.20813	-.31083	.33245	- 04941	-.00340	-.01736
.599	-4 296	3 25058	- 67139	4.22817	-.20877	.31094	- 02467	.00109	-.01266
.599	-2 202	3 25242	- 35639	4.24256	- 10577	.29678	00315	.00601	-.00685
.599	-.101	3 25231	02251	4.24954	.00650	.28856	03045	01112	-.00157
.600	2 024	3 25844	39161	4.24873	.11179	.28546	.05810	01608	.00393
.600	4.141	3 20232	79779	4 23848	23059	.28904	.08060	02104	.00758
	GRADIENT	-.00424	.17473	.00126	.05196	-.00261	01258	.00237	00243

RUN NO   202/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
901	-9 013	3.97186	-1 09692	4 27669	- 48940	44616	- 06807	-.00846	-.02019
899	-6 799	3 96913	- 89052	4 30607	- 35920	40336	- 04100	-.00388	-.01388
.900	-4.559	3 97202	-.61116	4 31957	- 22751	37226	-.00757	.00199	-.00714
.900	-2 367	3 97210	-.30310	4.33566	-.10687	.35259	.02582	.00792	-.00055
900	-.172	3 97526	.04891	4 34866	.01686	.34480	.06002	.01428	.00469
.900	2 049	3 97390	.44194	4.34409	.15220	34438	09243	02044	.00923
900	4 246	3.97468	75929	4 33278	.27217	.35845	11400	02346	.01287
	GRADIENT	.00032	.15828	00158	.05714	-.00162	.01406	00252	.00226

RUN NO   213/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.220	4.08156	-1.00507	4 31217	-.53880	.53608	-.07637	-.00983	-.01882
.975	-6 923	4.08125	-.79307	4 33498	- 38683	48776	-.04113	-.00361	-.01295
.975	-4.684	4.08259	- 55651	4 34951	- 25314	.45487	- 00687	.00255	- 00703
.975	-2 445	4 08156	-.28605	4.36568	-.12378	.43273	.02948	.00900	-.00116
.975	-.219	4 08356	.00291	4.37200	.00123	.42492	06320	.01552	.00356
.975	2 011	4 08422	.29455	4.36868	12457	.42294	.09472	.02098	.00844
.975	4.239	4.08389	58010	4 35559	25201	43442	.12327	.02605	.01204
	GRADIENT	.00024	.12796	.00068	.05644	- 00227	.01460	.00264	00214

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ061)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 208/ 0   RN/L =   4.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7.105	4.17584	-.72619	4.36274	-.40469	.55728	-.03847	-.00305	-.00912
1.150	-4.801	4.17387	-.48807	4.38150	-.25476	.52198	.00702	.00518	-.00491
1.150	-2.504	4.17358	-.22974	4.39484	-.11503	.50072	.04631	.01234	-.00063
1.150	-.240	4.17242	.02503	4.40813	.01229	.49109	.07993	.01839	.00308
1.150	2.006	4.17260	.27905	4.40272	.13630	.48845	.10808	.02348	.00637
	GRADIENT	-.00022	.11268	.00340	.05734	-.00487	.01485	.00269	.00166

RUN NO 223/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.475	4.21646	-.92846	4.35414	-.57060	.61456	-.07090	-.00948	-.01377
1.205	-7.124	4.21686	-.71393	4.37548	-.40165	.56258	-.03012	-.00199	-.01029
1.205	-4.821	4.21648	-.47707	4.39474	-.25142	.52700	.01284	.00571	-.00621
1.205	-2.506	4.21588	-.22055	4.40681	-.11160	.50599	.05005	.01255	-.00243
1.205	-.245	4.21687	.02924	4.41476	.01452	.49643	.08350	.01845	.00199
1.205	2.016	4.21646	.27470	4.41955	.13585	.49455	.11119	.02348	.00554
1.205	4.274	4.21764	.51031	4.40932	.25635	.50234	.13626	.02772	.00865
	GRADIENT	.00013	.10876	.00185	.05562	-.00269	.01356	.00242	.00166

LARC 8FT TPT 749 (IA93) OTSAT130   (TJJ062)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                RUN NO.   219/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

      MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
      .600   -8.546   3.15172   -1.15969   6.28120   - 41695   .35953   -.09054   -.00899   -.02623
      .599   -6.428   3 14308   -.92270   6.31300   - 30430   32980   - 06484   -.00419   -.02139
      .599   -4.337   3 13355   - 65220   6.33967   -.20188   .30954   -.03853   .00053   -.01631
      .599   -2.203   3.12641   -.31845   6.35836   - 09395   .29503   -.01176   .00549   -.01095
      599   - 087   3 11954   .05085   6 36610   01463   28770   .01176   .01038   - 00651
      .600   2 049   3 16671   .43358   6 36368   12428   .28663   04254   .01593   -.00020
      .598   4.153   3.16871   80350   6 34823   23272   .28963   07226   02125   .00526
             GRADIENT   .00521   17254   00106   .05122   -.00227   .01299   .00244   .00254

                RUN NO.   203/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5 00

      MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
      .900   -9.057   3.97103   -1.10478   6.42931   -.49317   .44640   - 06895   -.00847   -.01978
      .900   -6 806   3.97002   -.88364   6.46745   - 35664   .40361   -.03911   -.00349   - 01264
      900   -4 596   3.97067   -.63295   6 49241   -.23784   .37576   -.00723   .00218   -.00628
      900   -2.391   3 97068   -.32975   6.51034   -.11789   .35750   .02657   .00833   -.00018
      900   -.176   3 97030   .04105   6 52057   .01429   .34818   .06385   01527   .00560
      .900   2 038   3.97199   .41602   6 51603   .14538   .34944   09684   .02118   .01068
      .900   4.253   3 97295   73261   6.50486   .26411   .36051   .11697   .02394   .01387
             GRADIENT   .00027   15714   .00138   .05727   -.00174   01440   00255   .00231

                RUN NO   214/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

      MACH   ALPHA   RN/L   L/DU   BETA   CLU   CDU   CNW   CBW   CTW
      975   -9.259   4 07975   -1 01734   6.49006   - 54455   53527   - 07502   -.00956   - 01836
      .975   -6.974   4.07978   - 80047   6.52177   - 39128   .48881   -.03838   -.00308   -.01216
      .975   -4.699   4 07993   -.55426   6.54298   -.25248   .45553   -.00061   .00357   -.00590
      975   -2.465   4.08008   - 28878   6 55887   -.12544   .43437   .03691   .01045   -.00036
      .975   -.227   4 08187   00767   6.56414   00326   .42484   .07066   .01687   .00437
      .975   1 995   4.08340   30265   6.55095   12831   .42397   10355   02242   .00974
      .975   4.263   4.08339   .59758   6.54015   26021   .43543   13387   .02760   .01348
             GRADIENT   .00046   .12934   -.00017   .05715   -.00225   .01499   .00268   .00218

LARC 8FT TPT /49 (IA93) OTSATI30   (TJJ062)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT           BETA    =    6.000   ELV-LI =   8.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT           ELV-LO  =    9.000   ELV-RI =   8.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT           ELV-RO  =    9.000
SCALE =     .0100
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                  RUN NO.   209/ 0    RN/L =   4.17    GRADIENT INTERVAL = -5.00/ 5.00

        MACH      ALPHA      RN/L      L/DU       BETA      CLU       CDU       CNW        CBW       CTW
        1.150    -7.166    4 16642   -.73622    6.56355   -.41097   .55821   - 03292    -.00194   -.01027
        1.150    -4 838    4 16650   -.49521    6.59188   -.25933   .52368    .01362     .00635   -.00588
        1.150    -2.543    4.16579   -.24398    6 61125   -.12244   50185     .05351     .01352   -.00175
        1.150     -.258    4.16597    .02423    6.61789    .01189   .49071    .08804     .01970    .00248
        1.150     2.020    4 16734    .28658    6 61908    14026    .48941    11873      .02502    .00631
                 GRADIENT   .00012    11433     00386      .05832  -.00499   .01531     .00272    .00178

                  RUN NO.   224/ 0    RN/L =   4.21    GRADIENT INTERVAL = -5.00/ 5.00

        MACH      ALPHA      RN/L      L/DU       BETA      CLU       CDU       CNW        CBW       CTW
        1.205    -9 532    4 21605   -.94155    6.55335   -.58072   .61677   - 06731    -.00833   -.01532
        1.205    -7 180    4 21666   - 72246    6 57959   -.40693   .56325   - 02542    -.00117   - 01139
        1 205    -4 842    4.21548   -.48056    6 60178   -.25338   .52727    .01934     00680   -.00727
        1 205    -2.544    4.21528   -.23589    6.61781   - 11927   .50561    .05582     .01339   -.00351
        1.205     -.251    4.21409    .03092    6.62889    .01532   .49532    .09073     01958    .00112
        1 204     2.016    4 21368    .27720    6.63048    .13734   49545     11995      .02465    .00502
        1 204     4.281    4.21428    .52021    6.61571    .26104   .50181    14445      .02881    .00817
                 GRADIENT  -.00018    11026     00179      .05637  -.00269   01379     .00242    .00173
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LARC 8FT TPT 749 (IA93) OTSATI30+TSI   (TJJ063)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   249/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.237	4.08148	- 97876	-6.60291	-.52373	.53509	-.07588	- 01133	-.01717
.976	-6.958	4 08208	-.75259	-6 62895	-.36839	.48950	-.04759	-.00610	-.01323
.976	-4.692	4 08214	-.52470	-6 63576	- 24012	.45763	-.02211	-.00125	-.00939
.975	-2.434	4.08067	-.24407	-6.63063	- 10669	.43714	.00675	00383	-.00434
.975	- 203	4.09670	.03975	-6 61623	.01712	.43070	.03365	.00861	.00010
975	2.037	4 09007	33548	-6 60204	.14507	.43241	.06319	01404	.00417
975	4 259	4 09077	.59311	-6.59485	26406	.44521	.08848	.01890	.00714
GRADIENT		00119	.12583	.00493	.05633	-.00133	01241	.00226	.00186

RUN NO   247/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7 111	4.20866	-.69073	-6 69276	-.38428	.55634	-.05189	-.00691	- 00735
1 150	-4.819	4.20848	-.45416	-6 69756	- 23771	.52340	-.02375	-.00161	-.00362
1.150	-2.518	4 20909	-.19863	-6 69721	- 10049	.50592	.00794	.00398	.00096
1.150	-.231	4 20864	.05797	-6 68379	02888	49813	.04000	00994	.00461
1 150	2.034	4.20987	.30206	-6.67386	15084	49936	.06945	01545	00693
GRADIENT		.00016	.11054	.00370	.05669	-.00350	.01364	00250	.00155

RUN NO. 245/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9.532	4.21663	- 92373	-6.68959	-.56949	.61652	-.07692	- 01212	-.00809
1 205	-7 174	4.21351	-.69149	-6 70090	- 39016	.56423	-.04965	-.00682	-.00529
1.205	-4 839	4.21291	-.44445	-6 70995	-.23574	.53041	-.02029	-.00110	-.00209
1.205	-2.523	4.21271	- 19474	-6 69892	-.09992	.51312	.01222	.00493	.00128
1.205	-.238	4.21331	05864	-6 68223	.02966	.50588	.04439	.01084	.00475
1 205	2.036	4 21171	29771	-6.68147	.15110	.50752	.07064	.01589	00687
1 205	4.303	4.21211	.52395	-6 67277	.26950	.51435	.09418	.02017	.00881
GRADIENT		-.00011	.10635	.00402	.05523	- 00166	.01258	.00234	.00120

LARC 8FT TPT 749 (IA93) OTSAT130+TSI   (TJJ064)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO. 248/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.148	4.09079	- 99124	-.06926	-.52852	.53319	-.06611	-.00970	-.01580
.976	-6.891	4.08708	- 77868	-.06523	- 37832	.48585	-.03533	-.00412	-.01113
.975	-4.636	4.08057	- 54272	-.05679	- 24446	.45044	-.00450	.00139	-.00591
.975	-2 394	4.07787	- 27106	- 04409	- 11633	.42917	02823	00712	.00010
.975	- 199	4 07720	00311	-.03405	00131	.42018	.05921	.01286	.00532
.975	2 018	4 07601	.30124	- 03095	12654	.42008	.08868	01860	.00924
.975	4 223	4 07909	58665	- 03314	25217	.42984	11845	02379	.01270
	GRADIENT	-.00022	12792	.00273	.05586	- 00228	01384	00254	00210

RUN NO 246/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.150	-7 052	4.21502	-.72293	-.04436	-.39920	.55220	-.03400	-.00433	-.00526
1.150	-4 753	4.21329	-.48109	-.03323	-.24915	.51788	.00345	.00280	-.00123
1.150	-2.478	4 21160	-.21786	- 02168	-.10870	.49892	.04333	.01012	.00275
1.150	-.232	4 20987	03258	-.01188	.01597	49006	07774	.01641	.00628
1.150	2 018	4.21054	28324	-.01230	.13811	48761	.10721	.02159	.00955
	GRADIENT	-.00044	11275	.00322	.05703	-.00442	.01533	.00278	.00159

RUN NO. 244/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.407	4.22238	-.91091	- 02856	-.55354	.60768	-.06233	-.00979	-.00782
1 205	-7 075	4 22202	- 70364	-.02831	-.39218	.55736	-.02829	-.00342	-.00432
1 206	-4.751	4 21583	-.45225	- 02073	-.23663	.52323	.01146	00421	- 00152
1 206	-2.493	4 21548	-.19824	-.00841	- 10003	.50456	.04851	01094	-.00205
1 205	-.239	4 21726	.04752	00204	02359	.49642	.08266	01702	.00572
1 205	2.016	4.22021	.28023	.00690	13852	.49430	11023	.02183	00913
1.205	4 283	4 22298	.51696	- 00002	.25905	.50110	.13379	.02607	.01161
	GRADIENT	.00084	10705	00251	05448	- 00241	01357	.00242	.00148

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (TJJ065)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA	=	-6.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	10.000
BREF	=	1290 3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000	
SCALE	=	.0100					

RUN NO   255/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.257	4.07867	-.98040	-6.62526	-.52443	.53492	-.07624	-.01143	-.01725
.976	-6.957	4 08203	-.75099	-6.64464	-.36777	.48972	-.04732	-.00606	-.01317
.976	-4.698	4 08304	-.51841	-6.65638	-.23755	.45824	-.02008	-.00104	-.00900
.975	-2 446	4 06135	-.24442	-6.64748	- 10708	.43812	00818	.00393	-.00394
.975	-.218	4.09159	04987	-6.63318	02151	.43134	.03564	.00883	.00054
.975	2.017	4 08111	.33766	-6 62272	.14631	.43331	.06345	.01408	.00433
.975	4 248	4.07910	.60661	-6 61308	.26956	44436	.09024	.01918	00749
	GRADIENT	-.00036	.12669	00498	05670	-.00146	.01234	.00226	00185

RUN NO   253/ 0   RN/L =   4 20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7.133	4 20829	- 69189	-6.69856	- 38540	.55703	- 05092	- 00681	-.00711
1.149	-4.837	4.20756	-.45181	-6.70858	-.23667	.52381	- 02380	- 00160	-.00355
1.149	-2 532	4 20774	-.20385	-6 70768	-.10320	50627	.00793	.00400	.00100
1.149	-.244	4 20674	.05407	-6.69249	.02693	49795	04003	.00996	.00461
1 149	2.022	4 20327	29943	-6.68333	.14955	.49946	.06849	.01531	.00699
	GRADIENT	- 00061	.10985	.00397	.05637	-.00357	.01351	.00248	.00154

RUN NO.   251/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.205	-9 559	4.21529	-.92495	-6.70205	- 57179	.61818	- 07770	-.01220	- 00798
1.205	-7 181	4.21470	- 68750	-6 70756	-.38820	.56466	- 04894	- 00674	- 00495
1.205	-4.849	4.21430	-.44231	-6.71329	-.23498	.53126	-.01932	-.00100	- 00173
1 205	-2 536	4 21271	-.18505	-6.70450	-.09501	51341	.01394	.00521	00160
1 205	-.259	4 21567	05882	-6.69027	02977	.50620	.04434	.01081	.00487
1 205	2.015	4.21529	.29616	-6.68345	.15063	.50859	.07087	01594	.00680
1.205	4.306	4.21449	.52624	-6.67166	.27098	.51494	.09490	.02030	00886
	GRADIENT	00013	.10579	.00456	.05501	-.00164	.01248	.00233	.00115

LARC 8FT TPT 749 (IA93) OTSATI30+TSI-BASE TUBES　　　　　　(TJJ066)　　(24 JUN 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF　=　2690.0000 SQ.FT.　XMRP　=　976.0000 IN. XT　　　　　　　　　BETA　　=　　.000　ELV-LI =　10.000
LREF　=　1290.3000 INCHES　YMRP　=　　.0000 IN YT　　　　　　　　　　ELV-LO =　9.000　ELV-RI =　10.000
BREF　=　1290.3000 INCHES　ZMRP　=　400 0000 IN. ZT　　　　　　　　　ELV-RO =　9.000
SCALE =　　.0100

RUN NO　254/ 0　　RN/L =　4.08　　GRADIENT INTERVAL =　-5 00/　5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-9 180	4.08238	-.99294	-.06473	- 53013	.53390	-.06624	-.00971	-.01563
.975	-6 901	4 08157	- 77911	-.06089	-.37861	48595	- 03424	-.00405	-.01077
.975	-4.641	4 07825	-.53819	-.05055	- 24213	.44989	- 00365	.00153	-.00576
.975	-2 442	4 07632	- 28290	-.03260	-.12136	.42897	02714	00690	-.00011
.975	-.218	4 07671	.00501	- 02716	.00210	42000	.06012	.01295	.00553
.975	2 009	4 07510	.30441	- 02745	.12781	.41986	.08960	.01869	00941
.975	4 216	4 07662	59196	-.02860	25464	43017	.11966	02392	.01293
	GRADIENT	-.00020	12848	00221	.05607	-.00219	01394	.00255	.00212

RUN NO　252/ 0　　RN/L =　4 21　　GRADIENT INTERVAL =　-5.00/　5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1.149	-7 059	4.22221	- 71921	-.05142	- 39771	.55298	- 03433	-.00431	-.00521
1.149	-4 787	4 21677	-.48452	- 04201	- 25134	.51875	00242	00262	-.00130
1.149	-2.495	4.21267	- 21404	- 03074	-.10694	.49962	.04409	.01020	.00305
1.149	-.251	4 20959	03287	-.01968	.01612	.49050	.07782	.01637	.00646
1 149	2 010	4 20789	.28554	-.01495	.13948	.48849	.10711	.02162	.00950
	GRADIENT	- 00131	11298	00408	.05724	-.00442	.01537	.00279	00158

RUN NO.　250/ 0　　RN/L =　4 22　　GRADIENT INTERVAL =　-5.00/　5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
1 205	-9.429	4.22358	-.90996	-.03711	- 55423	60908	-.06160	-.00978	-.00747
1 205	-7.092	4 22182	-.70061	-.03292	-.39073	.55770	-.02651	- 00323	-.00402
1.206	-4.783	4 21827	- 45262	-.02484	- 23722	52412	.01169	.00423	-.00142
1 205	-2 502	4.21706	- 19663	- 01231	- 09931	50505	04924	.01100	.00227
1.205	- 247	4.21786	04968	-.00388	02470	49728	08312	.01708	00584
1.205	1.997	4 21904	28126	00140	13952	49606	11014	.02185	.00916
1.205	4 271	4.22260	51221	- 00012	25777	50325	13368	.02612	.01167
	GRADIENT	.00047	10650	00279	.05436	-.00225	.01349	.00242	00146

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (TJJ067)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   241/ 0   RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.495	4 80814	-1.00383	-6.68574	- 54404	54196	- 08616	-.01231	-.02031
.975	-7.128	4.80751	- 77533	-6 70699	-.38110	.49153	-.05794	-.00698	-.01647
.975	-4.832	4.81162	- 54003	-6 70794	-.24838	.45994	- 03062	-.00190	-.01229
.975	-2.534	4.61010	-.26817	-6.70189	- 11769	.43885	- 00230	.00311	-.00736
975	-.224	4 81113	03617	-6 68095	01561	.43157	02625	.00814	-.00245
.975	2.026	4.81129	.31798	-6.66988	.13774	43316	.05399	.01329	.00125
975	4.321	4 81025	.60893	-6.65900	.27092	.44492	.08222	.01858	00477
	GRADIENT	- 00007	12613	.00568	.05659	- 00157	01233	.00224	0187

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (TJJ068)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   240/ 0   RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.975	-9.384	4 81279	-1.01045	-.07573	-.54559	.53995	- 07840	- 01081	-.01924
976	-7.072	4 81288	- 80254	- 06937	- 39341	.49021	-.04624	-.00510	- 01431
.975	-4 786	4.81240	- 56562	- 05783	- 25628	.45309	-.01594	00046	-.00954
975	-2.509	4 81041	-.29603	- 03748	- 12748	43062	.01760	.00619	-.00324
975	-.240	4.80883	-.01610	-.03078	- 00678	42102	04968	.01218	.00204
975	2.009	4.81049	.28492	-.02992	.12003	42129	08057	.01795	.00664
975	4.279	4.81111	.57604	- 03212	.24881	.43192	.10963	.02317	.00992
	GRADIENT	-.00011	12646	.00261	.05553	-.00229	.01387	.00252	00215

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (TJJ069)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI =	10.000
ELV-LO	=	9.000	ELV-RI =	10.000
ELV-RO	=	9.000		

RUN NO   229/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.976	-9.254	4.08130	-.99586	6.49587	-.53575	53798	-.06976	-.00886	-.01941
976	-6.967	4.08172	- 78052	6.53140	-.38270	.49031	-.03441	-.00256	-.01327
976	-4.694	4.08210	-.53691	6.56298	-.24572	45765	.00381	.00410	-.00665
976	-2 456	4 08132	- 26579	6.58237	-.11600	.43643	04062	01090	-.00103
.975	- 213	4 08299	01964	6 59269	00837	.42646	07337	.01702	.00397
975	2.004	4.08341	30590	6 59376	.13037	.42617	.10713	.02267	.90931
.975	4.253	4.08483	.60118	6.57877	.26316	.43775	.13776	.02793	.01247
	GRADIENT	00034	.12740	.00193	.05655	- 00224	01496	00266	.00217

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (TJJ070)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI =	10.000
ELV-LO	=	9.000	ELV-RI =	10.000
ELV-RO	=	9 000		

RUN NO. 243/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
974	-8.595	2.03876	-.92403	-6.36084	-.48430	.52411	-.10809	- 01230	- 02869
974	-6.459	2.03871	- 71293	-6.38542	-.34561	.48477	-.08297	- 00766	-.02526
.975	-4 310	2 041^3	-.48063	-6.39845	- 21932	.45633	-.05681	-.00278	-.02130
.975	-2 199	2 04145	- 22996	-6 39974	-.10040	.43661	-.02895	00200	-.01662
.974	- 093	2.04176	.04699	-6.39672	.01974	42914	-.00288	.00668	-.01218
.974	2 021	2.04231	.31068	-6.39206	13368	43028	02506	.01179	-.00829
974	4.149	2 04159	57052	-6.38071	25129	44046	05076	.01662	-.00504
	GRADIENT	00009	.12503	.00204	05560	- 00180	01273	00230	.00193

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (TJJ071)   (24 JUN 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA = .000   ELV-LI = 10.000
ELV-LO = 9.000   ELV-RI = 10.000
ELV-RO = 9.000

RUN NO.   242/ 0   RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	RN/L	L/DU	BETA	CLU	CDU	CNW	CBW	CTW
.974	-8.541	2 03895	-.94841	-.02644	-.49299	.51981	-.09888	-.01068	-.02780
.975	-6.409	2 04071	-.74173	- 02650	-.35528	.47899	-.07157	-.00564	-.02337
.975	-4.298	2 04201	-.51758	-.02236	-.23167	.44761	-.03968	-.00035	-.01792
.975	-2.191	2.04257	-.26221	- 01547	-.11236	.42849	-.01096	.00493	-.01258
.974	-.096	2 04185	-.00898	- 01021	-.00376	.41875	02189	.01074	-.00685
.974	2 016	2 04224	.27826	- 00892	.11612	.41730	.05091	.01624	-.00292
.974	4.108	2.04064	.55588	- 01285	.23697	.42630	.07681	.02083	00010
	GRADIENT	- 00015	.12786	.00122	.05546	-.00256	.01403	.00255	.00217

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ002)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	0100				

BETA = -6.000   ELV-LI = 10.000
ELV-LO = 9.000   ELV-RI = 10.000
ELV-RO = 9.000

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
600	-8.000	-6.00000	3.16783	-1 05011	-.36486	.34666	- 03921	-.00391	-.01834
600	-6.000	-6.00000	3 16859	- 80912	-.26030	.32191	-.01724	.00005	-.01423
.600	-4 000	-6 00000	3 16825	-.53511	-.16263	.30376	.00405	.00376	-.00966
.600	-2.000	-6.00000	3.16602	-.21940	-.06410	.29217	.02364	.00735	- 00554
.600	.000	-6 00000	3.16632	.13053	03736	28601	.04507	.01117	- 00084
.600	2.000	-6.00000	3.16543	.47775	.13614	.28478	.06780	.01524	.00344
.600	4.000	-6.00000	3.16447	.84600	.24496	.28921	.08899	.01929	.00724
	GRADIENT	.00000	-.00041	17297	.05077	-.00182	.01070	.00195	.00214

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ002)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-6.00000	3 97095	-.96308	- 40869	.42337	-.02991	-.00437	-.01619
900	-6.000	-6.00000	3 97084	-.74946	-.29309	.39151	-.01032	-.00074	-.01205
.900	-4.000	-6.00000	3 97150	-.49414	-.18247	.36911	.01102	.00314	- 00771
.900	-2.000	-6.00000	3 97067	-.19425	- 06887	.35468	03274	.00706	-.00369
.900	.000	-6 00000	3 97117	.12531	.04358	.34837	.05598	.01140	.00067
.900	2.000	-6 00000	3.96994	.46025	.16047	.34893	.08226	.01615	.00530
900	4.000	-6 00000	3.97121	.75581	27151	35886	10452	02037	.00867
	GRADIENT	.00000	-.00007	15772	05687	- 00131	.01183	.00218	.00209

RUN NO.   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	-6 00000	4 07850	- 85836	-.43537	.50590	-.05385	-.00769	-.01571
.975	-6.000	-6 00000	4.07806	-.65773	-.30892	47043	- 02881	-.00307	-.01222
.975	-4.000	-6 00000	4 07894	- 44077	- 19678	.44601	- 00486	.00133	-.00844
.975	-2.000	-6 00000	4.07926	- 18952	- 08165	.43145	.01953	.00561	-.00396
.975	.000	-6 00000	4.07625	07583	.03223	.42602	04411	.01006	.00007
975	2.000	-6 00000	4 07469	.33724	.14409	.42734	07010	.01491	00359
975	4.000	-6 00000	4.07441	59359	26101	.43911	.09398	.01951	.00622
	GRADIENT	.00000	-.00068	12977	05707	- 00089	.01241	.00228	.00184

RUN NO.   0/ 0   RN/L =   4 23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6 00000	4.19627	- 58177	- 31196	53447	-.03504	-.00378	-.00699
1.150	-4.000	-6.00000	4.21880	- 36879	-.18808	.51109	-.00795	.00107	-.00308
1.150	-2.000	-6.00000	4 21417	- 14782	-.07388	.49869	.02094	00617	00092
1 150	000	-6 00000	4 21250	.07868	03083	.49269	.04920	01143	.00394
1.150	2.000	-6.00000	4.21260	.30336	14970	49351	.07572	.01627	00623
	GRADIENT	.00000	- 00101	.11215	05630	- 00294	.01396	00254	00155

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ002)   (15 JUL 76)

<table>
<tr><td colspan="4">REFERENCE DATA</td><td colspan="3">PARAMETRIC DATA</td></tr>
<tr><td>SREF</td><td>=</td><td>2690.0000 SQ.FT.</td><td>XMRP =   976.0000 IN. XT</td><td>BETA   =   -6.000</td><td>ELV-L1 =</td><td>10.000</td></tr>
<tr><td>LREF</td><td>=</td><td>1290.3000 INCHES</td><td>YMRP =   .0000 IN. YT</td><td>ELV-LO =   9.000</td><td>ELV-R1 =</td><td>10.000</td></tr>
<tr><td>BREF</td><td>=</td><td>1290.3000 INCHES</td><td>ZMRP =   400.0000 IN. ZT</td><td>ELV-RO =   9.000</td><td></td><td></td></tr>
<tr><td>SCALE</td><td>=</td><td>.0100</td><td></td><td></td><td></td><td></td></tr>
</table>

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6.00000	4.21685	-.77509	-.45244	.59228	-.06538	-.00878	-.00860
1 205	-6.000	-6 00000	4 21621	-.57241	-.31195	.54573	- 04075	-.00402	-.00608
1 205	-4.000	-6 00000	4 21612	-.35662	-.18682	.52352	- 01339	.00123	-.00337
1.205	-2.000	-6.00000	4 21815	-.13447	-.06868	.51091	01612	.00667	-.00033
1.205	000	-6.00000	4.21845	.08135	04113	.50568	.04302	01160	.00247
1.205	2.000	-6 00000	4 21762	.28969	14697	.50739	06663	01602	.00448
1.205	4 000	-6.00000	4 21809	.49292	25320	51344	.08689	01977	.00597
	GRADIENT	00000	00017	.10616	.05478	-.00118	.01255	.00232	.00118

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ003)   (15 JUL 76)

<table>
<tr><td colspan="4">REFERENCE DATA</td><td colspan="3">PARAMETRIC DATA</td></tr>
<tr><td>SREF</td><td>=</td><td>2690.0000 SQ FT</td><td>XMRP =   976 0000 IN. XT</td><td>BETA   =   -4.000</td><td>ELV-L1 =</td><td>10.000</td></tr>
<tr><td>LREF</td><td>=</td><td>1290.3000 INCHES</td><td>YMRP =   0000 IN. YT</td><td>ELV-LO =   9.000</td><td>ELV-R1 =</td><td>10.000</td></tr>
<tr><td>BREF</td><td>=</td><td>1290.3000 INCHES</td><td>ZMRP =   400 0000 IN. ZT</td><td>ELV-RO =   9 000</td><td></td><td></td></tr>
<tr><td>SCALE</td><td>=</td><td>.0100</td><td></td><td></td><td></td><td></td></tr>
</table>

RUN NO.   0/ 0   RN/L =   3 17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	-4.00000	3.16664	-1.03759	- 36222	.34840	-.03754	-.00375	-.01788
.600	-6.000	-4.00000	3.16578	- 80205	-.25868	.32257	-.01466	.00034	- 01360
.600	-4 000	-4.00000	3.16661	- 52421	-.16011	.30531	.00756	00419	-.00903
.600	-2 000	-4.00000	3 16770	- 22646	-.06666	.29442	.03010	.00811	-.00433
.600	000	-4.00000	3.16662	.11335	.03264	28765	05018	.01191	-.00022
.600	2.000	-4.00000	3.16674	.47033	.13409	28486	.07272	.01611	.00402
600	4.000	-4.00000	3.16470	.82452	.23835	28874	.09534	.02025	.00862
	GRADIENT	.00000	-.00024	16971	.04988	-.00214	.01091	.00201	.00218

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ003)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	9.000		
SCALE =	.0100						

RUN NO.   0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4.00000	3 96886	-.98156	-.41675	.42370	- 02972	-.00423	-.01615
.900	-6.000	-4.00000	3.96963	-.76833	- 29949	39015	- 00981	-.00051	-.0119~
900	-4 000	-4.00000	3 97126	-.50409	-.18476	.36654	01078	.00332	-.00778
900	-2.000	-4 00000	3.97005	-.20425	- 07163	.35089	.03417	.00737	-.00305
.900	.000	-4 00000	3 97014	.11737	.04020	.34308	06060	.01225	.00157
.900	2.000	-4 00000	3 97010	.47818	16447	.34402	08949	.01764	.00620
900	4.000	-4 00000	3 97140	.76716	27278	.35547	.11293	.02199	00978
	GRADIENT	.00000	00002	.16125	05756	-.00145	01298	.00238	00222

RUN NO   0/ 0   RN/L = 4 07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	-4.00000	4 07938	-.86185	-.43747	.50621	-.05086	-.00721	-.01527
975	-6 000	-4.00000	4.07841	-.66245	-.31078	46395	-.02489	- 00251	-.01141
.975	-4.000	-4.00000	4 07798	-.44748	-.19987	.44627	- 00071	00199	-.00759
.975	-2 000	-4 0000G	4 07874	- 20484	- 08799	.43007	.02425	.00641	-.00316
.975	.000	-4 00000	4 07849	.05752	.02426	42284	.04948	.01104	.00111
.975	2 000	-4 00000	4 07792	32442	13739	.42356	07803	.01635	.00468
.975	4.000	-4 00000	4 07805	58320	.25454	.43582	.10395	.02130	.00757
	GRADIENT	.00000	- 00003	.12953	05671	-.00137	.01316	00243	00191

RUN NO.   0/ 0   RN/L = 4.23   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-4.00000	4.16630	-.59219	-.31690	53337	-.02909	-.00291	-.00651
1.150	-4.000	-4.00000	4.16241	-.37764	-.19183	.50903	-.00090	.00228	-.00280
1 150	-2.000	-4 00000	4.16354	-.15185	-.07547	49617	.02856	.00781	.00085
1.150	000	-4 00000	4.16496	.07693	.03772	.48973	05740	.01326	.00374
1.150	2.000	-4.00000	4 16412	.29870	.14614	.48932	.08450	.01809	.00614
	GRADIENT	.00000	.00033	.11289	.05635	- 00328	.01425	.00264	.00149

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ003)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        1.205   -8.000   -4.00000   4.21697   -.77361   -.45105   .58166   -.05962   -.00797   -.00818
        1.205   -6.000   -4.00000   4.21561   -.57678   -.31349   .54420   -.03330   -.00290   -.00569
        1.205   -4.000   -4.00000   4.21486   -.35938   -.18741   .52120   -.00403   .00277   -.00319
        1.205   -2.000   -4.00000   4.21833   -.13449   -.06834   .50842   .02699   .00856   -.00023
        1.205   .000   -4.00000   4.21935   .07729   .03882   .50257   .05424   .01348   .00264
        1.205   2.000   -4.00000   4.21864   .28789   .14493   50342   .07912   .01792   .00524
        1.205   4.000   -4.00000   4.21903   .49276   .25147   51001   .09853   .02163   .00659
               GRADIENT   .00000   .00043   .10633   .05455   -.00137   .01286   .00235   00125

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ004)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   -.0100

                    RUN NO.   0/ 0   PN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
         .600   -8.000   .00000   3.16341   -1.05991   -.36796   .34638   -.03846   -.00394   -.01720
         .600   -6.000   .00000   3.16882   -.81881   -.26089   .31878   -.01439   .00032   -.01253
         .600   -4.000   .00000   3 17137   -.55658   -.16748   30065   .00900   .00437   -.00768
         600   -2.000   .00000   3.16946   -.24446   -.07058   .28887   .03450   .00871   -.00241
         .600   000   00000   3.16676   09589   02711   .28301   .05584   .01282   .00181
         .600   2 000   .00000   3 16638   .46007   .12891   .27991   .07964   .01724   .00656
         .600   4.000   .00000   3.16425   .82591   .23521   .28440   .10322   .02178   .01093
               GRADIENT   .00000   -.00087   .17347   .05024   -.00207   01168   .00217   00231

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ004)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	9.000		
SCALE	=	.0100							

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8 000	00000	3 96795	-1 02169	-.42970	.42005	-.03617	-.00519	-.01538
900	-6.000	.00000	3 96994	- 80937	-.30884	.38157	- 01258	- 00098	-.01060
.900	-4.000	00000	3 97050	- 53903	-.19108	.35464	01280	.00351	-.00535
.900	-2 000	00000	3.97036	- 24158	- 08205	33940	.04023	.00821	.00047
900	000	00000	3.97137	11577	03859	.33401	07192	01404	.00552
.900	2.000	00000	3 97207	48572	.16354	.33674	.10467	02003	.01027
900	4.000	00000	3 97146	79325	.27595	.34756	.13070	02442	01434
	GRADIENT	00000	.00018	16959	.05898	-.00084	01501	00268	.00246

RUN NO   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	.00000	4 08326	-.89216	- 45070	.50417	-.04610	- 00638	-.01426
.975	-6 000	.00000	4 08062	- 69293	- 32272	.46623	-.01851	- 00140	-.00988
.975	-4.000	00000	4.07679	- 46738	-.20554	43977	.00882	00352	-.00514
975	-2 000	00000	4.07406	- 22573	-.09559	42360	03715	.00850	.00018
975	000	00000	4 07483	.03527	.01468	41709	.06667	01389	.00509
.975	2 000	00000	4 07475	.30354	12683	41784	.09400	.01911	00855
.975	4 000	00000	4 07398	.56994	24349	.42683	.12113	.02380	.01170
	GRADIENT	.00000	-.00025	.12020	05602	-.00158	.01407	00256	.00210

RUN NO.   0/ 0   RN/L =   4 23   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
I 150	-6 000	00000	4.17429	- 61358	- 32677	.53097	- 01621	- 00081	-.00517
I 150	-4 000	00000	4.17522	- 39505	-.19951	.50587	01774	.00550	-.00142
I 150	-2 000	00000	4.17777	- 16021	- 07901	.49263	05300	.01188	.00238
1.150	.000	00000	4.17810	06505	.03161	48581	08173	.01720	.00503
1.150	2.000	00000	4.17666	28805	13934	.48388	.10837	.02175	.00818
	GRADIENT	00000	.00023	11373	.05636	- 00364	.01503	00270	.00157

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ004)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=|	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=|	0100			

BETA	=	.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	10.000
ELV-RI =	10.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8.000	.00000	4.22283	-.79177	-.45828	.57760	-.04984	-.00643	-.00785
1 205	-6.000	00000	4.21915	-.59388	-.32062	.54043	-.01734	-.00023	-.00532
1 205	-4 000	.00000	4.21560	-.37131	-.19186	.51644	.01596	.00607	-.00281
1.205	-2 000	.00000	4.21419	-.14398	- 07233	50286	.04803	.01183	.00044
1 205	.000	00000	4.21624	.07107	.03530	.49726	.07745	.01714	.00344
1.205	2 000	.00000	4 21904	.27357	.13575	49623	.10025	.02120	00613
1.205	4.000	.00000	4.21931	.48396	24317	50210	.12186	.02503	.00860
	GRADIENT	00000	.00061	.10640	.05391	- 00177	.01320	.00236	00143

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ005)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=.	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	10.000
ELV-RI =	10.000

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	4 00000	3 16880	-1.05620	- 36649	.34615	-.04005	-.00422	-.01692
.600	-6.000	4 00000	3 16622	-.82232	- 26327	.32035	-.01695	.00010	-.01255
.600	-4.000	4.00000	3 16599	-.56195	- 17010	.30224	.00660	.00438	-.00778
.600	-2 000	4 00000	3 16552	-.22647	- 06554	.28968	.03325	.00910	- 00242
.600	000	4 00000	3 16654	.11490	03271	28414	.05802	.01374	.00243
.600	2 000	4 00000	3.16419	47911	.13517	.28188	.08423	.01857	00761
.600	4.000	4 00000	3.16530	81182	.23333	.28705	.10851	.02312	.01209
	GRADIENT	.00000	-.00014	17266	.05038	- 00191	.01274	.00235	.00249

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ005)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000
ELV-LO	=	9.000
ELV-RO	=	9.000
ELV-LI	=	10.000
ELV-RI	=	10.000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8 000	4 00000	3.97090	-.99836	- 42060	.42036	-.03222	-.00457	-.01324
.900	-6.000	4 00000	3 97220	-.77913	- 30029	.38575	- 00567	.00001	-.00735
900	-4.000	4.00000	3 97150	-.51274	-.18572	.36204	02384	.00533	-.00164
900	-2.000	4 00000	3.97075	-.21771	- 07542	.34688	.05372	.01080	.00380
900	.000	4 00000	3 9/152	.11620	.03950	.34088	.08526	01662	.00854
.900	2.000	4 00000	3.97100	.46984	.15999	.34092	.11723	.02228	.01329
900	4.000	4 00000	3.96998	.78212	27655	.35310	.14337	.02653	.01713
	GRADIENT	.00000	- 00014	.16386	.05800	-.00119	.01513	.00269	.00235

RUN NO.   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8 000	4.00000	4 07516	-.87891	-.44371	.50377	-.03633	-.00473	-.01273
.975	-6 000	4.00000	4.07514	-.67881	-.31679	46725	-.00689	.00057	-.00772
.975	-4.000	4.00000	4.07929	-.45344	- 20063	.44210	02350	.00600	-.00240
.975	-2.000	4 00000	4 08178	-.20640	-.08794	.42674	05453	.01170	.00270
975	000	4.00000	4 08191	.05767	02420	42122	08543	.01744	.00716
975	2 000	4 00000	4 08488	.31971	.13425	41996	11478	.02233	.01200
.975	4 000	4.00000	4.07829	.59458	.25605	.43003	.14205	.02713	.01461
	GRADIENT	.00000	00006	.13111	.05678	-.00155	.01487	.00264	.00217

RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	4 00000	4.17439	-.59939	-.32185	.53529	.00042	.00223	-.00548
1.150	-4 000	4 00000	4 17506	-.38020	-.19304	.50857	.03824	.00905	-.00162
1.150	-2.000	4 00000	4.17497	-.15408	- 07611	49357	.07101	.01495	.00185
1.150	.000	4 00000	4.17497	.06988	.03402	.48678	.09962	.02008	.00509
1.150	2.000	4 00000	4.17513	30157	14617	.48480	.12512	.02462	.00826
	GRADIENT	.00000	.00001	.11346	05639	- 00391	.01446	.00259	.00164

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ005)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT			BETA =	4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO =	9.000	
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	4.00000	4.21097	-.78269	-.45684	.58249	-.04052	-.00430	-.01150
1.205	-6.000	4.00000	4.21121	-.58658	-.31938	.54502	-.00413	.00227	-.00819
1.205	-4.000	4.00000	4.21382	-.36966	-.19207	.51925	.03066	.00863	-.00495
1.205	-2.000	4.00000	4.21675	-.14459	-.07279	.50393	.06220	.01429	-.00154
1.205	.000	4.00000	4.21679	.07384	.03665	.49695	.09207	.01940	.00252
1.205	2.000	4.00000	4.21724	.28431	.14096	.49584	.11564	.02368	.00566
1.205	4.000	4.00000	4.21807	.49186	.24732	.50245	.13699	.02743	.00832
	GRADIENT	.00000	.00045	.10760	.05463	-.00208	.01331	.00235	.00169

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ006)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN XT			BETA =	6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO =	9.000	
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	6.00000	3.16691	-1.07496	-.37285	.34606	-.04196	-.00439	-.01708
.600	-6.000	6.00000	3.16787	-.83569	-.26731	.32002	-.01693	.00012	-.01217
.600	-4.000	6.00000	3.16799	-.55928	-.16915	.30217	.00902	.00477	-.00699
.600	-2.000	6.00000	3.16702	-.23482	-.06796	.28944	.03392	.00942	-.00205
.600	.000	6.00000	3.16601	.12172	.03447	.28296	.06012	.01425	.00297
.600	2.000	6.00000	3.16441	.49543	.13956	.28150	.08631	.01919	.00800
.600	4.000	6.00000	3.16445	.85971	.24588	.28571	.11339	.02427	.01293
	GRADIENT	.00000	-.00048	.17841	.05188	-.00204	.01306	.00244	.00249

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LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ006)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	6.00000	3.97032	-.99694	-.42047	.42085	-.03129	-.00437	-.01231
.900	-6.000	6.00000	3.97119	-.78227	-.30321	.38794	-.00455	.00026	-.00643
.900	-4.000	6.00000	3.97238	-.52059	-.19060	.36604	.02597	.00577	-.00072
.900	-2.000	6.00000	3.97166	-.22152	-.07881	.35115	.05730	.01155	.00475
.900	.000	6.00000	3.97130	.11368	.03906	.34435	.09004	.01764	.00957
.900	2.000	6.00000	3.97135	.45282	.15620	.34532	.12247	.02318	.01467
.900	4.000	6.00000	3.97203	.76408	.27209	.35568	.14522	.02664	.01770
	GRADIENT	.00000	-.00005	.16233	.05802	-.00133	.01518	.00267	.00234

RUN NO   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	6.00000	4.08096	-.88028	-.44446	.50384	-.03428	-.00429	-.01231
.975	-6.000	6.00000	4.07994	-.67926	-.31779	.46844	-.00294	.00127	-.00690
.975	-4.000	6.00000	4.07985	-.45177	-.20076	.44399	.03045	.00720	-.00126
.975	-2.000	6.00000	4.08086	-.19960	-.08540	.42799	.06299	.01321	.00386
.975	.000	6.00000	4.08017	.06773	.02848	.42172	.09321	.01876	.00827
.975	2.000	6.00000	4.08313	.32613	.13733	.42113	.12296	.02364	.01300
.975	4.000	6.00000	4.07796	.59764	.25766	.43056	.15150	.02858	.01559
	GRADIENT	.00000	-.00007	.13124	.05698	-.00169	.01510	.00266	.00214

RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	6.00000	4.17261	-.59839	-.32183	.53625	.00820	.00354	-.00595
1.150	-4.000	6.00000	4.17289	-.38367	-.19540	.51009	.04606	.01031	-.00220
1.150	-2.000	6.00000	4.17278	-.15706	-.07768	.49392	.07814	.01617	.00112
1.150	.000	6.00000	4.17276	.07407	.03604	.48611	.10755	.02129	.00486
1.150	2.000	6.00000	4.17273	.30484	.14794	.48535	.13390	.02586	.00824
	GRADIENT	.00000	-.00002	.11483	.05719	-.00410	.01465	.00259	.00175

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ006)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        1.205   -8.000   6 00000   4.21422   -.78681   -.45926   .58258   -.03627   -.00341   -.01278
        1 205   -6 000   6 00000   4.21347   -.58871   - 32055   .54500   .00146   .00321   -.00927
        1 205   -4 000   6 00000   4 21394   -.37802   - 19644   .51945   .03689   .00962   -.00591
        1.205   -2.000   6 00000   4 21502   -.15674   -.07894   50380   .06754   01515   -.00252
        1 205   .000   6 00000   4 21660   .07269   .03608   .49656   .09767   02034   .00153
        1 205   2.000   6 00000   4.21784   .28761   .14274   .49633   .12309   .02473   .00510
        1 205   4.000   6.00000   4.21760   .49858   25057   50225   .14458   02845   .00791
                 GRADIENT .00000   .00051   .10988   05578   -.00209   .01355   .00236   .00176

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ007)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        .600   -8 000   -6 00000 3.16604   -1.12255 -.39615   .35230   -.08234   -.00916   -.02408
        .600   -6.000   -6.00000 3 16619   - 89384   - 29059   .32525   -.06254   -.00538   -.02045
        .600   -4.000   -6 00000 3.16668   -.62879   - 19267   .30631   -.04128   -.00161   -.01624
        .600   -2 000   -6 00000 3 16744   - 32116   - 09469   .29476   -.01936   00209   -.01112
        600   .000   -6.00000 3 16561   .02113   .00605   .28699   -.00018   00563   -.00710
        .600   2.000   -6 00000 3 17001   .37270   .10609   .28444   .02334   .00962   - 00220
        .600   4.000   -6 00000 3.16883   .72311   .20825   .28783   .04426   01350   .00198
                 GRADIENT .00000   .00034   .16988   .05013   -.00236   .01069   .00189   .00227

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ007)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

               RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-6.00000	3.97067	-1.00076	-.42816	.42689	-.05731	-.00790	-.01833
.900	-6.000	-6.00000	3.96999	-.78989	-.31098	39417	-.03589	-.00393	-.01426
.900	-4.000	-6.00000	3.96996	-.54510	-.20265	37164	-.01601	-.00023	-.01019
.900	-2.000	-6.00000	3 97116	-.25153	-.08980	35708	.00490	.00357	-.00596
.900	.000	-6.00000	3 97066	06651	.02314	.34874	.02767	.00755	-.00104
.900	2.000	-6 00000	3 97133	.37210	12963	.34855	05137	01163	.00404
900	4 000	-6.00000	3 97222	.66916	23932	.35744	.07192	01551	00740
GRADIENT		00000	.00024	.15261	.05517	-.00185	.01112	.00198	.00226

               RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	-6 00000	4.08244	-.89518	-.45676	.50904	-08108	-.01172	-.01682
.975	-6 000	-6 00000	4.08234	-.63976	-.33057	.47301	-.05658	-.00720	-.01320
.975	-4.000	-6 00000	4 08267	-.48302	-.21646	.44770	-.03125	-.00274	-.00886
975	-2.000	-6 00000	4 08339	-.23713	.-10230	43188	-.00680	00159	-.00457
.975	000	-6.00000	4 08083	02163	.00916	42671	.01740	00584	-.00036
.975	2 000	-6 00000	4 07769	.28226	12087	.42827	04192	.01048	.00310
.975	4.000	-6.00000	4 07624	53315	.23389	.43816	06548	01502	.00586
GRADIENT		.00000	-00093	12759	05619	-.00113	.01211	.00222	.00186

               RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6 00000	4 20783	-60821	-.32766	.53714	-.05345	-.00690	-.00665
1.150	-4.000	-6.00000	4 20724	-.39609	-.20280	.51292	-.02749	-.00219	-.00285
1.150	-2 000	-6.00000	4.20729	-.17381	-.08702	.49996	-.00036	.00278	.00082
1.150	000	-6.00000	4.20781	.04780	.02365	.49388	.02726	.00792	.00368
1.150	2.000	-6.00000	4 20794	.27302	13501	49458	.05400	01294	.00570
GRADIENT		.00000	.00013	11145	.05621	-.00306	.01361	00253	00143

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ007)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT	BETA =	-6.000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE =	0100						

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	-6.00000	4.21477	-.79782	-.46399	.58022	- 07481	-.01114	-.00771
1.205	-6.000	-6 00000	4.21487	-.59502	- 32274	.54309	-.05022	-.00646	-.00496
1 205	-4.000	-6.00000	4 21479	-.37952	-.19761	.52042	-.02334	-.00138	-.00209
1.205	-2.000	-6.00000	4.21439	-.15927	- 08081	.50749	.00541	.00398	.00082
1.205	000	-6 00000	4.21440	05693	02856	.50189	.03255	.00905	.00357
1.205	2 000	-6 00000	4.21405	.26823	.13499	.50327	.05629	.01353	.00539
1.205	4.000	-6 00000	4.21516	.47456	24179	.50926	.07747	.01744	00704
	GRADIENT	00000	00002	.10678	.05473	-.00133	.01263	.00236	.00114

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ008)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	-4.000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4 000		
SCALE =	.0100						

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	-4.00000	3.16525	-1 10750	- 39057	.35198	-.08163	-.00907	-.02388
.600	-6.000	-4.00000	3.16616	- 88510	-.28850	.32618	-.06211	- 00531	-.02039
.600	-4.000	-4.00000	3.16804	- 62780	-.19336	.30788	-.03927	-.00139	- 01587
.600	-2.000	-4.00000	3.16790	-.32235	- 09525	.29567	- 01581	.00253	- 01072
.600	.000	-4 00000	3 16981	-.00209	- 00062	.28833	.00587	.00639	-.00616
.600	2.000	-4.00000	3 17183	.35508	.10092	.28397	.02779	.01034	-.00137
.600	4.000	-4.00000	3.17283	.71109	20434	.28700	.04984	.01442	.00293
	GRADIENT	.00000	.00068	.16776	.04958	-.00267	.01109	.00197	.00235

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ008)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4.00000	3 96991	-1.01604	- 43457	.42696	-.05843	-.00788	-.01847
.900	-6.000	-4 00000	3.96925	-.80327	-.31522	.39284	- 03617	-.00381	-.01426
.900	-4.000	-4 00000	3 96942	-.54981	-.20274	.36870	-.01579	-.00006	-.00990
.900	-2.000	-4.00000	3.96953	-.26500	-.09327	.35224	.00579	00380	-.00524
.900	.000	-4.00000	3 97240	.06687	.02289	34402	.03152	.00827	.00008
.900	2.000	-4 00000	3 97303	39174	.13414	34275	.05742	.01280	.00546
.900	4.000	-4 00000	3 97382	.68372	24159	.35309	.07797	.01678	00839
	GRADIENT	00000	00061	.15619	05580	-.00204	01196	.00213	.00236

RUN NO.   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-4 00000	4 08232	-.89950	-.45996	.51024	-.07788	- 01121	- 01625
.975	-6 000	-4 00000	4 07919	-.70556	-.33356	.47336	-.05337	- 00670	-.01265
.975	-4 000	-4.00000	4.07169	-.49220	-.22063	.44798	-.02829	-.00224	-.00842
.975	-2.000	-4 00000	4.06813	-.25314	-.10895	.43074	- 00340	.00222	-.00402
.975	.000	-4 00000	4.06717	.00983	00411	42347	.02201	.00685	.00051
.975	2.000	-4.00000	4.06911	.27092	.11486	.42390	.04859	01190	.00410
.975	4.000	-4 00000	4.07442	.52613	22931	.43508	.07409	.01677	.00688
	GRADIENT	.00000	.00032	.12804	.05618	-.00163	.01284	00238	.00194

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-4.00000	4.20691	- 33177	~ 33177	.53580	-.04723	- 00600	-.00596
1.150	-4.000	-4.00000	4.20577	-.40399	-.20601	.51092	-.01936	- 00090	-.00205
1.150	-2.000	-4.00000	4.20683	-.17949	- 08942	.49747	.00981	.00456.	.00152
1.150	.000	-4.00000	4.20637	.04660	.02291	.49061	.03892	.01002	.00425
1.150	2.000	-4.00000	4.20710	.26542	.13008	.49019	.06538	.01493	.00630
	GRADIENT	.00000	.00018	.11172	.05603	-.00345	.01417	.00265	.00139

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ008)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-4.00000	4.21327	-.79852	-.46354	.57926	-.06955	-.01037	-.00743
1.205	-6 000	-4 00000	4.21340	-.60156	- 32529	.54132	-.04303	-.00536	-.00473
1.205	-4.000	-4.00000	4.21769	- 38467	-.19921	.51769	-.01353	.00022	-.00186
1.205	-2.000	-4.00000	4.21468	-.16175	- 08155	.50445	.01742	.00599	.00125
1.205	.000	-4.00000	4 21439	.05498	.02739	.49846	.04545	.01114	.00401
1.205	2.000	-4 00000	4 21448	.26615	13283	.49905	.06903	.01554	.00599
1.205	4.000	-4.00000	4 21584	47291	23927	.50564	.08910	.01935	.00742
	GRADIENT	.00000	00017	10715	.05457	-.00147	01284	.00239	.00116

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ009)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	.00000	3 16371	-1.13556	- 39579	.34787	-.08293	-.00952	- 02339
.600	-6 000	.00000	3.17192	-.90867	-.29137	.32077	-.05979	-.00538	- 01878
.600	-4 000	00000	3.17454	-.64220	-.19327	.30097	-.03531	-.00110	-.01390
.600	-2.000	.00000	3.17536	-.34522	-.10015	.29001	-.01200	00293	-.00917
.600	.000	.00000	3.17553	- 00232	-.00066	.28317	.01219	.00724	-.00383
600	2 000	.00000	3 17300	35345	.09900	27981	.03383	.01141	.00042
.600	4.000	.00000	3.17029	.70989	20022	28195	.05836	.01584	.00539
	GRADIENT	.00000	-.00054	17014	04931	-.00241	.01166	.00212	.00241

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ009)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                        RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        .900   -8.000   .00000   3 97462   -1.05402   -.44300   .41945   - 06352   -.00876   -.01716
        .900   -6.000   00000   3.97385   -.84021   - 32089   .38220   - 03840   -.00432   -.01217
        .900   -4.000   .00000   3.97292   -.57997   - 20687   35671   -.01400   -.00002   - 00704
        900   -2 000   .00000   3.97159   - 29084   - 09895   .34036   .01368   .00470   - 00116
        .900   .000   00000   3 97165   04653   01537   33344   .03999   .00947   .00405
        .900   2.000   00000   3 97074   .39092   .13072   .33511   .06844   01432   .00978
        900   4 000   .00000   3 96987   70408   .24345   .34537   .09166   .01836   .01300
                  GRADIENT   .00000   - 00035   .16249   .05652   -.00140   .01330   00232   .00255

                        RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        .975   -8 000   .00000   4.09475   - 92485   - 46971   .50698   -.07127   - 01029   -.01474
        .975   -6.000   .00000   4 09163   -.73055   - 34218   .46875   - 04538   -.00538   -.01016
        .975   -4 000   .00000   4.08548   -.51238   - 22627   .44153   -.01726   -.00066   - 00545
        .975   -2 000   00000   4 08175   - 27792   - 11804   .42488   .00954   00412   -.00048
        .975   .000   .00000   4.07610   -.02744   - 01151   41752   .03815   .00940   .00419
        975   2.000   .00300   4.07348   .24889   10392   41703   .06656   01490   .00782
        .975   4.000   .00000   4.07469   51691   22075   .42629   .09232   .01962   .01080
                  GRADIENT   00000   -.00149   .12927   05580   -.00192   .01381   .00257   .00204

                        RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        1.150   -6 000   .00000   4 21019   - 64285   -.34353   .53290   -.03597   -.00407   -.00467
        1.150   -4 000   00000   4 20902   - 42310   -.21416   .50697   - 00222   .00218   -.00102
        1 150   -2.000   00000   4.20824   -.18899   - 09327   .49307   .03236   00852   .00233
        1.150   000   .00000   4 20747   03044   .01479   .48572   .06280   .01407   .00548
        1.150   2.000   .00000   4 20831   .25477   12321   .48383   08833   .01864   00801
                  GRADIENT   00000   - 00014   .11265   .05601   - 00384   .01510   .00275   .00151

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ009)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2650.0000 SQ.FT.	XMRP	= 976.0000 IN. XT	BETA =	.000	ELV-LI = 10.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	ELV-LO =	4.000	ELV-RI = 10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO =	4.000	
SCALE	= .0100					

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	.00000	4.21739	-.81260	-.46830	.57511	-.05760	-.00866	-.00648
1.205	-6.000	.00000	4.21704	-.62184	-.33400	.53768	-.02632	-.00267	-.00388
1.205	-4.000	.00000	4.21673	-.40122	-.20616	.51352	.00629	.00359	-.00153
1.205	-2.000	.00000	4.21631	-.17158	-.08557	.49921	.03936	.00960	.00148
1.205	.000	.00000	4.21691	.04445	.02186	.49273	.06907	.01490	.00462
1.205	2.000	.00000	4.21705	.25489	.12532	.49167	.09307	.01920	.00737
1.205	4.000	.00000	4.21773	.46256	.23021	.49738	.11316	.02295	.00924
	GRADIENT	00000	.00014	.10770	.05418	-.00199	01337	.00242	.00137

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ010)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT	BETA =	4.000	ELV-LI = 10.000
LREF	= 1290.3000 INCHES	YMRP	= 0000 IN. YT	ELV-LO =	4.000	ELV-RI = 10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO =	4.000	
SCALE	= .0100					

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	4.00000	3.16851	-1.13106	-.39868	.35188	-.08491	-.00990	-.02296
.600	-6.000	4.00000	3.16787	-.90933	-.29508	.32472	-.06158	-.00557	-.01858
.600	-4.000	4.00000	3.16960	-.64674	-.19805	.30611	-.03996	-.00136	-.01443
.600	-2.000	4.00000	3.16712	-.34451	-.10088	.29294	-.01490	.00315	-.00913
.600	.000	4.00000	3.16526	-.01292	-.00371	.28570	.01150	.00778	-.00354
.600	2.000	4.00000	3.16743	.34972	.09895	.28268	.03682	.01253	.00133
.600	4.000	4.00000	3.16928	.69260	.19815	.28598	.06075	.01705	.00613
	GRADIENT	00000	-.00002	.16865	04961	-.00253	01266	00231	.00258

LARC 8FT TPT '/49 (IA93) OTSATI30   (FJJ010)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	4.00000	3 96971	-1.02898	-.43688	.42353	-.05914	- 00813	-.01519
.900	-6.000	4.00000	3 97091	- 80989	- 31406	.38831	-.03199	-.00335	-.00948
900	-4.000	4 00000	3 97284	-.55982	- 20391	36414	- 00344	00169	-.00348
.900	-2.000	4.00000	3.97109	- 27865	- 09708	.34872	02495	00671	.00229
.900	.000	4 00000	3 97193	.03964	01341	34111	.05229	.01171	.00745
900	2.000	4 00000	3 97162	37701	12848	34112	.08038	.01641	01258
.900	4 000	4 00000	3.97065	68196	.24061	35249	10277	.01997	01519
	GRADIENT	00000	- 00019	.15696	05573	-.00154	01339	.00231	.00238

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	4 00000	4 08520	- 91603	- 46536	50691	- 06210	- 00887	-.01321
.975	-6.000	4 00000	4 08649	-.72195	- 33849	46936	- 03187	-.00353	-.00794
.975	-4 000	4 00000	4.08610	- 50166	-.22236	44292	- 00283	.00173	-.00287
.975	-2.000	4 00000	4 08376	-.25740	-.10989	.42743	.02773	.00732	.00221
.975	.000	4 00000	4 08234	- 00255	-.00112	.42147	.05872	.01318	.00665
.975	2.000	4.00000	4 07874	26436	.11079	.41905	08638	.01831	.01045
.975	4.000	4 00000	4.07628	53129	22781	42812	11359	02292	.01425
	GRADIENT	.00000	-.00123	12938	05605	- 00190	.01458	00267	.00212

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6 000	4 00000	4.20780	-.62903	- 33909	.53765	- 01786	-.00099	-.00480
1.150	-4 000	4 00000	4.20731	- 41629	- 21232	51667	01899	00577	-.00120
1 150	-2 000	4 00000	4 20662	-.18756	- 09283	.49473	05149	.01180	00207
1.150	.000	4 00000	4.20569	04024	.01962	.48740	.08076	.01714	00510
1 150	2 000	4.00000	4 20561	26592	12901	48526	10598	.02169	00798
	GRADIENT	.00000	- 00030	.11372	05682	-.00418	01451	.00265	.00153

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ010)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	4.00000	4 21687	-.80580	-.46814	.57989	-.04752	-.00653	-.00957
1 205	-6 000	4.00000	4 21577	- 61027	-.33051	.54206	-.01164	.00014	-.00679
1 205	-4 000	4 00000	4 21469	- 39242	-.20264	.51611	.02361	00661	-.00372
1 205	-2.000	4.00000	4.21419	-.16772	-.08390	50069	05511	.01231	-.00023
1 205	.000	4 00000	4 21475	05165	.02544	.49352	08291	.01743	.00305
1 205	2.000	4 00000	4 21548	26362	.12968	.49193	.10770	.02181	.00617
1.205	4.000	4 00000	4 21553	47402	.23638	.49829	.12986	02572	.00886
	GRADIENT	.00000	00015	10821	.05458	-.00222	01325	00238	.00158

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ011)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4 000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	6.00000	3 16968	-1 14731	-.40480	.35216	-.08752	-.01019	-.02308
.600	-6 000	6.00000	3 16981	- 91735	-.29712	.32412	- 06309	-.00563	-.01849
.600	-4.000	6.000ˆ0	3 16840	-.64977	-.19864	30562	-.03949	-.00114	- 01393
.600	-2 000	6 00000	3 16817	-.34653	-.10137	29258	-.01242	00364	- 00825
600	.000	6 00000	3 16590	.00143	00039	28507	.01299	.00837	- 00320
.600	2.000	6 00000	3.16708	37008	.10460	28261	.03898	.01320	00205
.600	4.000	6 00000	3 16743	.71847	.20509	.28526	.06383	.01779	00701
	GRADIENT	.00000	- 00015	17265	.05067	- 00253	.01290	.00237	.00261

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ011)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES ZMRP =   400.0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
         900   -8.000   6 00000   3 97000   -1 02781   - 43680   .42407   -.05912   - 00798   -.01468
         900   -6 000   6 00000   3.97058   - 82083   - 32024   39066   - 03131   -.00318   -.00883
        .900   -4 000   6.00000   3 97086   -.57410   -.21124   .36777   - 00165   .00205   - 00277
        .900   -2.000   6 00000   3.97141   -.28772   -.10131   .35234   02848   00739   .00342
        .900   000   6 00000   3.97186   .02761   00945   34455   .05826   01269   .00897
        .900   2.000   6 00000   3.97194   36054   .12441   34517   .08453   01716   01363
        .900   4 000   6 00000   3.97132   66521   23629   35495   .10631   02054   .01582
              GRADIENT   00000   .00007   15634   .05604   - 00164   01360   .00234   .00237

                    RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        .975   -8.000   6 00000   4.07781   -.91710   -.46559   .50669   - 06018   -.00842   - 01283
        .975   -6.000   6 00000   4.07718   -.72154   - 33914   47042   - 02916   -.00293   -.00736
        .975   -4 000   6 00000   4 07429   -.50223   - 22325   44427   00248   .00274   -.00200
        .975   -2.000   6 000C0   4.07432   -.25354   - 10854   .42840   03553   .00880   .00305
        .975   .000   6 00000   4.07873   01694   00709   42242   06725   .01487   .00725
        .975   2 000   6.00000   4.08146   .27233   .11473   .42114   09464   01973   01132
        .975   4.000   6 00000   4 08241   54029   .23236   42944   12191   02426   .01524
              GRADIENT   00000   .00117   13055   .05672   - 00185   01490   .00270   00214

                    RUN NO   0/ 0   PN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        1.150   -6 000   6.00000   4.20709   - 62795   -.33930   53893   - 01016   .00046   -.00564
        1.150   -4 000   6.00000   4.20664   - 41917   - 21455   51257   .02752   .00725   - 00208
        I 150   -2 000   6 00000   4 20632   - 19389   -.09622   49576   .05900   .01313   .00114
        1.150   000   6.00000   4 20631   .04076   .01992   48750   .08879   01847   .00456
        1.150   2.000   6.00000   4.20656   .26966   .13114   48640   .11540   .02314   .00775
              GRADIENT   .00000   -.00001   .11506   .05766   - 00434   .01467   00265   .00165

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ011)   (15 JUL 76)

REFERENCE DATA				PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA =   6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4 000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6 00000	4.21651	-.80964	- 47057	58009	- 04368	-.00555	-.01123
1.205	-6.000	6.00000	4 21535	- 61148	-.33119	.54214	-.00613	.00117	- 00799
1.205	-4 000	6 00000	4 21426	-.39739	- 20529	51637	.02930	.00763	-.00486
1.205	-2 000	6.00000	4 21434	-.17604	-.09807	50051	06046	.01329	- 00155
1.205	.000	6 00000	4.21453	.04862	02395	.49302	.08973	.01846	.00227
1.205	2.000	6 00000	4.21479	.26868	.13237	49267	.11560	02296	.00565
1.205	4.000	6.00000	4 21586	.48032	23953	.49841	13784	.02678	.00858
	GRADIENT	.00000	00018	.11001	.05550	-.00219	.01361	.00240	.00170

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ012)   (15 JUL 76)

REFERENCE DATA				PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN XT   BETA =   -6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	-6.00000	3.16572	-1 01198	- 35552	.35045	-.05315	-.00391	-.02521
.600	-6 000	-6.00000	3 16448	- 76174	- 24767	.32543	- 03059	.00009	-.02105
.600	-4 000	-6 00000	3 16437	- 48464	- 14887	30830	-.00971	.00379	- 01671
.600	-2 000	-6 00000	3 16483	- 17401	- 05178	29722	.01009	.00737	- 01242
600	000	-6 00000	3 16368	17320	05044	.29074	.03037	.01124	- 00827
.600	2.000	-6 00000	3 16308	53905	.15699	.29098	05391	.01558	-.00390
600	4.000	-6 00000	3 16502	88355	.26180	.29585	07706	01969	00056
	GRADIENT	.00000	- 00002	17247	.05151	- 00156	01087	00200	.00215

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ012)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	14.000	ELV-RI	=	10.000
ELV-RO	=	14.000			

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-6 00000	3 97080	-.93803	-.40376	.42933	- 03659	-.00404	- 01985
.900	-6 000	-6 00000	3.96999	-.72134	- 28629	39734	- 01686	-.00030	-.01585
.900	-4.000	-6 00000	3 96921	-.46768	-.17576	.37559	00351	.00354	-.01188
.900	-2 000	-6.00000	3 96806	- 16810	- 06074	.36142	02501	00750	-.00778
900	.000	-6 00000	3 96852	16556	05876	35542	.04930	01208	-.00356
900	2.000	-6.00000	3.97130	.49689	17699	35653	.07534	.01681	.00078
.900	4.000	-6 00000	3.97336	.79259	29021	36579	.09970	.02135	.00433
	GRADIENT	00000	00058	.15928	.05848	-.00122	.01214	.00225	00205

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8 000	-6.00000	4 08286	-.83053	- 42788	51394	-.06058	- 00722	- 01969
.975	-6.000	-6 00000	4.08343	-.62821	- 30020	47843	-.03536	- 00255	-.01622
975	-4.000	-6 00000	4 08155	-.40844	-.18565	45429	-.00993	.00203	-.01216
975	-2 000	-6 00000	4 07872	-.16119	- 07083	.43961	01534	00639	-.00760
.975	.000	-6 00000	4 08015	10644	.04614	.43383	.03975	.01091	-.00366
.975	2 000	-6 00000	4 08099	36947	16144	.43704	06629	.01585	-.00043
975	4 000	-6.00000	4 08074	.61861	27844	44959'	09098	02058	.00239
	GRADIENT	00000	.00003	.12924	.05802	- 00060	01264	00233	.00181

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	-6 00000	4 20870	- 55585	-.30210	.54164	-.03582	- 00305	- 00920
1 150	-4.000	-6 00000	4 20897	-.34377	-.17777	51832	-.00969	00178	-.00569
1.150	-2.000	-6 00000	4 20924	-.12387	-.06286	.50620	.01825	00689	-.00198
1.150	000	-6 00000	4.20957	.09972	.04995	.50031	04606	.01207	.00108
1.150	2 000	-6.00000	4 21027	32010	.16049	.50143	07246	.01691	.00342
	GRADIENT	.00000	.00021	.11076	.05638	-.00283	.01371	00253	.00152

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ012)   (15 JUL 76)

.. REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	0100			

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6.00000	4.21366	-.74844	-.43958	.58496	-.05867	-.00760	-.00966
1.205	-6.000	-6.00000	4.21285	-.54701	-.29937	.54829	-.03414	-.00281	-.00723
1.205	-4.000	-6.00000	4.21211	-.33286	-.17557	.52685	-.00714	.00242	-.00466
1.205	-2.000	-6.00000	4.21500	-.11139	-.05730	.51463	.02213	.00788	-.00171
1.205	.000	-6.00000	4.21851	.10457	.05327	.50951	.04905	.01281	.00131
1.205	2.000	-6.00000	4.21669	.31082	.15896	.51121	.07272	.01715	.00340
1.205	4.000	-6.00000	4.21663	.50897	.26406	.51813	.09233	.02074	.00498
	GRADIENT	.00000	.00054	.10529	.05478	-.00104	.01248	.00230	.00122

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ013)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   -4.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	-4.00000	3.16292	-.98961	-.34889	.35175	-.05162	-.00369	-.02516
.600	-6.000	-4.00000	3.16078	-.74854	-.24414	.32621	-.02863	.00038	-.02073
.600	-4.000	-4.00000	3.16007	-.47803	-.14783	.30902	-.00775	.00418	-.01631
.600	-2.000	-4.00000	3.16344	-.17393	-.05193	.29866	.01369	.00794	-.01184
.600	.000	-4.00000	3.16644	.16905	.04940	.29190	.03662	.01211	-.00728
.600	2.000	-4.00000	3.17002	.51821	.15038	.28973	.06109	.01648	-.00249
.600	4.000	-4.00000	3.16844	.85882	.25435	.29575	.08443	.02074	.00203
	GRADIENT	.00000	.00117	.16829	.05033	-.00177	.01159	.00208	.00230

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ013)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4.00000	3.97045	-.95336	-.41055	.42968	-.03707	-.00394	-.02004
.900	-6.000	-4.00000	3.96791	-.73586	-.29125	.39617	-.01648	-.00008	-.01598
.900	-4.000	-4.00000	3.96742	-.46631	-.17412	.37346	.00455	.00392	-.01189
.900	-2.000	-4.00000	3.96859	-.16555	-.05913	.35720	.02754	.00809	-.00721
.900	.000	-4.00000	3.96874	.16417	.05737	.34989	.05541	.01313	-.00265
.900	2.000	-4.00000	3.96972	.51491	.18112	.35204	.08329	.01842	.00173
900	4.000	-4.00000	3.97267	.81262	.29485	.36250	.10894	.02308	.00554
	GRADIENT	.00000	.00058	.16192	.05891	-.00135	.01323	.00243	.00219

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-4.00000	4.08041	-.83122	-.42927	.51510	-.05751	-.00672	-.01914
.975	-6.000	-4.00000	4.08087	-.63261	-.30242	.47862	-.03209	-.00206	-.01558
.975	-4.000	-4.00000	4.07918	-.41584	-.18371	.45352	-.00632	.00263	-.01156
.975	-2.000	-4.00000	4.08087	-.17365	-.07594	.43775	.01979	.00718	-.00687
.975	.000	-4.00000	4.08296	.09434	.04065	.43138	.04584	.01201	-.00269
.975	2.000	-4.00000	4.08550	.36097	.15645	.43347	.07352	.01741	.00016
.975	4.000	-4.00000	4.08507	.61650	.27566	.44655	.10130	.02254	.00336
	GRADIENT	.00000	.00082	.12996	.05806	-.00091	.01345	.00250	.00184

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-4.00000	4.20753	-.56550	-.30720	.54142	-.02961	-.00214	-.00870
1.150	-4.000	-4.00000	4.20753	-.35001	-.18055	.51695	-.00151	.00311	-.00517
1.150	-2.000	-4.00000	4.20874	-.12658	-.06391	.50386	.02792	.00869	-.00166
1.150	.000	-4.00000	4.20899	.09549	.04756	.49761	.05740	.01409	.00149
1.150	2.000	-4.00000	4.20937	.31181	.15521	.49784	.08352	.01881	.00403
	GRADIENT	.00000	.00029	.11038	.05594	-.00318	.01423	.00262	.00154

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ013)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	-4.000	ELV-LI	=	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	14.000	ELV-RI	=	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	14.000			
SCALE	=	.0100										

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-4.00000	4.21750	-.74804	-.43875	.58431	-.05288	-.00680	-.00926
1.205	-6.000	-4.00000	4.21518	-.55249	-.30178	.54699	-.02624	-.00166	-.00681
1.205	-4.000	-4.00000	4.21389	-.33516	-.17595	.52457	.00297	.00404	-.00434
1.205	-2.000	-4.00000	4.21636	-.10912	-.05586	.51220	.03360	.00979	-.00139
1.205	.000	-4.00000	4.21677	.10705	.05423	.50651	.06063	.01475	.00156
1.205	2.000	-4.00000	4.21581	.30668	.15559	.50710	.08493	.01901	.00417
1.205	4.000	-4.00000	4.21714	.50857	.26222	.51490	.10368	.02251	.00561
	GRADIENT	.00000	.00030	.10516	.05439	-.00122	.01264	.00231	.00127

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ014)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	.000	ELV-LI	=	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	14.000	ELV-RI	=	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	14.000			
SCALE	=	.0100										

RUN NO   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	.00000	3.15186	-1.02518	-.35817	.34857	-.05196	-.00390	-.02442
.600	-6.000	.00000	3.15678	-.78444	-.25218	.32141	-.02837	.00026	-.01980
.600	-4.000	.00000	3.16244	-.50491	-.15344	.30366	-.00458	.00444	-.01496
.600	-2.000	.00000	3.16519	-.20168	-.05903	.29279	.01980	.00873	-.00995
.600	.000	.00000	3.17081	.14825	.04273	.28717	.04382	.01304	-.00502
.600	2.000	.00000	3.17125	.51612	.14774	.28597	.06861	.01765	-.00006
.600	4.000	.00000	3.17266	.86248	.25078	.29042	.09510	.02239	.00487
	GRADIENT	.00000	.00133	.17263	.05076	-.00166	.01241	.00224	.00248

LARC 8FT TPT /49 (IA93) OTSAT130 (FJJ014) (15 JUL 76)

REFERENCE DATA PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	0100			

BETA	=	.000	ELV-LI	=	10.000
ELV-LO	=	14.000	ELV-RI	=	10.000
ELV-RO	=	14.000			

RUN NO. 0/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8 000	00000	3.96425	-.98286	-.41945	.42624	-.04418	- 00493	- 02000
.900	-6.000	00000	3 96356	-.76607	-.29768	.38853	-.01845	- 00039	- 01498
.900	-4.000	00000	3 96548	-.48843	-.17671	36209	00831	00436	-.00965
900	-2 000	.00000	3 96871	- 19196	- 06658	.34675	03600	.00916	- 00413
900	.000	.00000	3 96965	.16690	05703	34181	06772	01508	00067
900	2.000	00000	3.97151	.52094	.17959	34480	.09912	.02100	.00530
900	4 000	.00000	3 97446	82972	29635	.35675	12636	.02557	.00981
	GRADIENT	.00000	.00104	.16746	.05961	-.00063	.01496	00271	.00242

RUN NO. 0/ 0 RN/L = 4 08 GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	00000	4 08154	- 85460	- 43820	51160	- 05176	-.00582	-.01792
.975	-6 000	.00000	4 09144	- 65391	- 30925	.47331	-.02385	- 00078	-.01353
.975	-4 000	.00000	4 08299	- 43123	- 19258	.44646	.00446	.00425	- 00865
.975	-2 000	.00000	4.08655	-.19116	- 08243	.43142	.03270	, 00929	-.00353
975	.000	00000	4.08628	06584	02796	42518	.06083	01454	00085
.975	2.000	00000	4 09585	33118	14112	.42609	09049	01996	.00450
975	4 000	00000	4.08343	59847	.26122	.43601	.11729	02481	.00716
	GRADIENT	00000	.00001	12909	05656	- 00131	01417	00259	.00198

RUN NO 0/ 0 RN/L = 4 21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	00000	4.21031	-.58951	- 31851	.53865	- 01849	- 00018	-.00778
1 150	-4 000	.00000	4.20988	-.36836	- 18887	.51360	01661	00628	- 00389
1.150	-2.000	00000	4 21013	-.13451	-, 06740	50046	05193	01265	-.00002
1.150	.000	.00000	4.21090	.08161	04032	49393	.08011	.01781	00280
1 150	2.000	.00000	4 21032	29994	.14775	49270	10609	.02236	.00580
	GRADIENT	.00000	.00010	.11105	05588	- 00346	.01483	00267	00159

LARC 8FT TPT /49 (IA93) OTSAT!30   (FJJ014)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

            RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

      MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
      1.205   -8.000   .00000   4 22052   -.76091   -.44275   .57960   -.04195   -.00504   -.00895
      1.205   -6.000   00000   4 22155   -.56848   - 30837   .54339   -.01073   00103   -.00660
      1 205   -4 000   .00000   4 22077   -.34755   -.18126   52062   02189   .00729   -.00425
      1 205   -2 000   0CJ00   4 22114   - 12120   - 06128   .50678   .05450   .01302   -.00072
      1 205   000   00000   4 22143   .08852   04441   .50175   .08435   .01921   .00282
      1.205   2 000   00000   4 21924   29991   15026   .50071   .10744   .02236   .00550
      1.205   4 000   00000   4 21276   49687   25231   50726   .12685   .02588   .00747
               GRADIENT 00000   - 00090   10550   .05393   -.00164   01314   .00233   .00148

LARC 8FT TPT 749 (IA93) OTSAT!30   (FJJ015)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

            RUN NO.   0/ 0   RN/L =   3 16   GRADIENT INTERVAL = -5.00/ 5.00

      MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
       600   -8 000   4 00000   3 16947   -1 01200 -.35503   .34992   -.05341   - 00414   -.02397
       600   -6 000   4 00000   3 16904   - 78532   - 25521   .32526   -.02954   .00016   -.01938
       600   -4.000   4.00000   3.16621   - 53003   -.16412   30920   -.00636   00435   -.01491
       .600   -2.000   4 00000   3.16382   -.19131   - 05640   29523   .02002   .00921   -.00957
       .600   .000   4.00000   3 16257   .16006   04637   28936   04421   .01396   -.00470
       600   2.000   4 00000   3.16327   .51108   .14801   28936   07219   .01880   .00074
       600   4.000   4.00000   3 16303   .86912   25531   29324   09791   02377   .00552
               GRADIENT .00000   - 00035   .17503   .05216   -.00189   .01304   .00242   .00256

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ015)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8 000	4.00000	3.97049	- 95609	- 41045	42820	- 04019	- 00444	-.01742
.900	-6.000	4 00000	3 96999	- 74283	- 29188	39343	- 01385	.00021	-.01217
.900	-4.000	4 00000	3.96990	- 48687	- 18039	37016	01714	.00568	-.00660
900	-2.000	4 00000	3 96789	- 18134	- 06427	.35504	04962	.01163	-.00072
900	000	4 00000	3 96816	16051	05595	34902	0S161	.01768	.00393
.900	2.000	4 00000	3 97196	50862	.17790	34983	11364	02339	00866
900	4.000	4 00000	3 97334	81365	29535	.36265	13973	02774	.01259
GRADIENT		00000	00055	.16455	.05968	-.00101	C1546	.00279	.00239

RUN NO   0/ 0   PN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8 000	4 00000	4.07878	- 84963	- 43626	.51232	-.04157	- 00423	-.01630
975	-6 000	4 00000	4.07845	- 64804	- 30753	.47510	- 01109	00122	-.01122
975	-4 000	4 00000	4 08050	- 42674	-.19199	44955	01880	00663	- 00611
975	-2 000	4 00000	4.08207	- 18271	-.07924	.43438	04830	.01221	-.00132
.975	000	4.00000	4.08578	.08943	.03828	.42902	.08006	.01816	.00329
975	2 000	4.00000	4 08484	.35347	15141	.42840	11125	02328	.00788
.975	4 000	4 00000	4.08446	61638	27158	43992	13935	.02825	.01056
GRADIENT		00000	.00053	13112	.05789	- 00126	01520	.00272	.00213

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	4 00000	4 20859	-.57561	-.31336	.54263	- 00059	00286	-.00766
1 150	-4.000	4 00000	4 20941	- 35798	-.18438	.51596	.03714	00965	-.00380
1 150	-2 000	4.00000	4 20977	- 13412	- 06727	50106	06933	01555	-.00043
1.150	.000	4 00000	4 20843	.08860	04382	49457	09680	.02058	.00277
1.150	2.000	4 00000	4 21016	31484	15515	.49290	12363	.02521	00638
GRADIENT		.00000	.00005	.11206	05648	- 00378	.01435	.00259	.00169

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ015)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	= .0100				

BETA =   4.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	4 00000	4 21390	-.75661	- 44426	.58499	-.03159	-.00299	- 01215
1 205	-6 000	4 00000	4.21491	-.56325	- 30792	.54761	.00359	.00342	-.00893
1 205	-4 000	4.00000	4 21454	-.34349	-.17984	.52273	.03801	.00976	-.00577
1 205	-2 000	4 00000	4 21442	-.11733	- 05946	.50781	06878	.01539	- 00240
1.205	000	4.00000	4 21724	.09069	.04547	.50173	09705	.02032	.00143
1.205	2 000	4 00000	4 21950	.30133	.15098	50077	.12130	.02460	00483
1.205	4 000	4.00000	4 21844	.50461	.25665	50807	.14238	.02830	00719
	GRADIENT	00000	00064	10574	.05417	-.00182	01306	.00231	.00166

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ016)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT	
LREF	= 1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	= 1290.3000 INCHES	ZMRP	=	400 0000 IN ZT	
SCALE	= 0100				

BETA =   6.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	6.00000	3.17178	-1.02052	-.35837	.35017	- 05412	-.00414	-.02386
600	-6 000	6 00000	3 17028	- 78482	-.25404	32396	- 02942	.00035	-.01906
600	-4 000	6.00000	3 16711	-.53207	-.16388	.30771	- 00606	.00458	- 01430
600	-2 000	6 00000	3.16527	- 19923	-.05889	.29560	02098	00953	-.00907
.600	.000	6 00000	3 16389	16350	04723	.28864	04685	01448	-.00408
.600	2.000	6.00000	3.16286	.52120	.15070	.28894	.07483	.01954	.00140
.600	4.000	6.00000	3 16251	88606	26019	.29332	.10057	.02459	.00601
	GRADIENT	.00000	-.00058	.17783	.05289	-.00177	.01336	.00250	.00255

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ016)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   6.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8 000	6.00000	3.97001	-.96205	- 41287	.42828	- 03954	-.00439	- 01662
900	-6.000	6.00000	3.96976	-.74519	-.29414	39513	- 01235	.00047	-.01117
900	-4 000	6 00000	3 96890	- 48592	-.18113	37268	01935	.00619	-.00555
900	-2 000	6 00000	3 96776	-.18786	-.06731	.35844	.05314	.01240	.00021
900	.000	6 00000	3.97187	14954	.05263	.35223	08697	.01872	.00511
900	2.000	6 00000	3 97209	49138	17373	35363	11859	02427	.01000
900	4 000	6 00000	3.97300	.79560	.29021	36438	.14293	02826	.01373
	GRADIENT	.00000	00063	16211	.05919	- 00107	01563	00280	.00242

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	6.00000	4 07986	- 85423	- 43860	51230	- 03921	- 00372	- 01595
.975	-6.000	6.00000	4 08010	- 64750	- 30792	47613	- 00736	.00195	-.01045
.975	-4.000	6 00000	4.08062	-.42264	- 19082	.45118	02494	00778	-.00499
.975	-2.000	6 00000	4 08040	-.17678	- 07688	43549	05700	.01377	-.00017
.975	.000	6.00000	4 08192	10001	04290	42973	08849	.01953	00439
.975	2 000	6.00000	4 08144	.36786	15816	43001	11950	02473	00861
.975	4 000	6 00000	4 08370	.62267	27500	44108	14800	.02976	.01126
	GRADIENT	00000	00036	13176	05833	-.00128	01543	.00275	.00206

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6 000	6.00000	4 20992	-.57493	- 31331	54338	00714	.00412	-.00812
1.150	-4 000	6.00000	4 20982	- 36297	-.18750	51736	04434	.01085	-.00456
1.150	-2 000	6 00000	4 20925	-.13920	- 06937	50135	07638	.01673	-.00116
1.150	000	6 00000	4.20805	.09320	04607	.49406	10592	.02186	00274
1.150	2 000	6.00000	4 20823	.32003	15781	49316	.13220	.02643	.00617
	GRADIENT	.00000	- 00030	11402	.05757	- 00400	.01466	00259	.00180

DATE 29 OCT 76   TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130

(FJJ016)   (15 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

BETA = 6.000   ELV-LI = 10.000
ELV-LO = 14.000 ELV-RI = 10.000
ELV-RO = 14.000

RUN NO 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4.21705	-.76315	-.44825	.58546	-.02775	-.00222	-.01346
1.205	-6.000	6.00000	4.21773	-.56410	-.30849	.54756	.00877	.00422	-.00990
1.205	-4.000	6.00000	4.21740	-.34895	-.18245	.52244	.04400	.01067	-.00661
1.205	-2.000	6.00000	4.21684	-.12921	-.06550	.50725	.07448	.01624	-.00328
1.205	.000	6.00000	4.21860	.09431	.04720	.50054	.10320	.02128	.00068
1.205	2.000	6.00000	4.22173	.31206	.15630	.50070	.12945	.02574	.00431
1.205	4.000	6.00000	4.22072	.51599	.26200	.50730	.15070	.02939	.00691
GRADIENT		.00000	.00058	.10856	.05554	-.00184	.01342	.00235	.00173

LARC 8FT TPT 749 (IA93) OTSAT130

(FJJ017)   (15 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0080 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

BETA = -6.000   ELV-LI = 10.000
ELV-LO = -5.000 ELV-RI = 10.000
ELV-RO = -5.000

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6.00000	4.21022	-.65718	-.35547	.53932	-.07226	-.01090	-.00461
1.150	-4.000	-6.00000	4.20954	-.44662	-.22914	.51391	-.04673	-.00620	-.00102
1.150	-2.000	-6.00000	4.20938	-.22502	-.11284	.49997	-.01994	-.00127	.00247
1.150	.000	-6.00000	4.20858	-.00007	.00003	.49308	.00803	.00393	.00544
1.150	2.000	-6.00000	4.20918	.22502	.11098	.49318	.03618	.00919	.00753
GRADIENT		.00000	-.00009	.11199	.05665	-.00345	.01383	.00257	.00143

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6.00000	4.22103	-.83540	-.48869	.59319	-.09256	-.01497	-.00542
1.205	-6.000	-6.00000	4.22105	-.63793	-.34705	.54488	-.06739	-.01021	-.00258
1.205	-4.000	-6.00000	4.22057	-.42434	-.22146	.52142	-.04087	-.00513	.00007
1.205	-2.000	-6.00000	4.22102	-.20491	-.10392	.50734	-.01284	.00014	.00279
1.205	.000	-6.00000	4.22096	.01037	.00515	.50125	-.01452	.00527	.00538
1.205	2.000	-6.00000	4.22184	.22474	.11284	.50215	.03941	.01011	.00691
1.205	4.000	-6.00000	4.22089	.43755	.22263	.50846	.06061	.01421	.00792
GRADIENT		.00000	.00007	.10767	.05525	-.00156	.01276	.00243	.00099

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ018)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	BETA =	-4.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	ELV-RO =	-5.000		
SCALE	=	0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-4.00000	4 20895	- 66609	-.35932	.53789	-.06639	-.01006	- 00397
1.150	-4 000	-4 00000	4.20787	-.45618	- 23321	.51212	-.03919	-.00499	-.00037
1.150	-2 000	-4 00000	4 20700	-.23401	-.11659	49763	- 01006	.00046	.00307
1.150	.000	-4 00000	4 20841	- 00548	- 00262	.48967	.02047	00612	.00606
1 150	2 000	-4.00000	4 20923	.21845	10664	48819	.04806	01135	00792
	GRADIENT	00000	.00027	11262	.05668	-.00399	.01461	00273	00139

RUN NO   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-4.00000	4.22164	-.83864	- 48935	.58196	- 08755	-.01430	-.00512
1.205	-6 000	-4.00000	4 22085	- 64606	- 35024	54276	- 06102	-.00922	- 00252
1.205	-4 000	-4.00000	4.22072	- 42747	-.22181	.51856	-.03187	-.00361	00011
1.205	-2.000	-4 00000	4 22027	-.20140	-.10302	.50416	- 00213	.00309	
1.205	.000	-4 00000	4 21805	.01421	.00702	.49719	.02642	.00745	.00530
1.205	2.000	-4 00000	4 21985	.23107	.11494	.49746	05254	01235	.00700
1.205	4.000	-4.00000	4 22083	43957	22206	.50498	07270	01626	00826
	GRADIENT	.00000	- 00001	.10848	05528	- 00169	.01315	00250	.00101

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ019)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT	XMRP	=	976.0000 IN XT	BETA =	000	ELV-LI =	10 000
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN YT	ELV-LO =	-5 000	ELV-RI =	10 000
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	ELV-RO =	-5.000		
SCALE	=	0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	00000	4.20747	-.69225	-.37096	.53448	-.05453	- 00818	-.00258
1 150	-4.000	.00000	4.20958	-.47831	-.24249	.50757	-.02138	-.00193	.00078
1 150	-2.000	.00000	4 21013	- 24573	-.12112	49261	.01375	.00456	.00425
1 150	000	00000	4 21008	- 01986	-.00961	.48474	.04559	01043	00722
1 150	2.000	00000	4 21244	.20669	.09962	.48194	.07094	01527	00894
	GRADIENT	00000	00043	.11404	05689	- 00424	01544	00287	00137

LARC 8FT TPT /49 (1A93) OTSAT130   (FJJ019)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT. XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290 3000 INCHES YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES ZMRP =   400.0000 IN ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	.00000	4.22497	-.85563	-.49532	.57760	-.07799	-.01279	-.00463
1.205	-6.000	.00000	4 22263	- 66256	-.35635	53821	- 04575	-.00655	-.00225
1 205	-4 000	.00000	4.21927	- 43740	- 22433	51273	- 01191	-.00001	- 00014
1 205	-2.000	00000	4 21865	-.21280	- 10601	49829	.02174	00611	.00294
1 205	.000	00000	4 21918	.00549	00264	49126	05298	01168	.00612
1 205	2.000	00000	4 22051	22135	.10853	.49033	07695	.01613	.00836
1 205	4 000	00000	4 22346	43579	21654	49698	.09834	02005	.01036
	GRADIENT	00000	00051	10903	.05481	-.00197	.01379	00251	.00132

LARC 8FT TPT 749 (1A93) OTSAT130   (FJJ020)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP =   976.0000 IN XT   BETA   =   4 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES ZMRP =   400.0000 IN ZT   ELV-RO =   -5.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	4.00000	4 20876	- 68097	-.36817	.53930	-.03772	-.00515	-.00291
1 150	-4 000	4.00000	4 20823	-.46781	-.23899	.51144	.00007	.00188	.00047
1.150	-2 000	4 00000	4 20965	-.23913	-.11844	.49515	.03365	00823	.00332
1 150	000	4.00000	4 21068	- 01454	-.00707	.48705	06293	01374	00614
1.150	2.000	4.00000	4.20896	21327	.10318	.48381	.08928	.01852	00899
	GRADIENT	.00000	.00016	11339	.05689	- 00455	.01485	00277	.00142

RUN NO   0/ 0   PN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8.000	4.00000	4.21881	- 84886	-.49551	.58230	-.06707	- 01049	-.00778
1.205	-6.000	4.00000	4 21917	-.65487	-.35514	54284	-.02876	-.00347	-.00481
1.205	-4 000	4.00000	4.22101	- 43819	-.22649	.51661	.00693	.00323	- 00224
1 205	-2.000	4.00000	4.22119	- 21678	-.10853	.50095	.03689	.00894	.00056
1.205	000	4 00000	4 22063	00458	.00218	49298	.06720	.01424	.00438
1 205	2.000	4.00000	4.22225	22015	.10803	.49071	.09238	.01880	.00726
1 205	4.000	4 00000	4 22154	43360	.21601	49813	.11499	.02280	00983
	GRADIENT	.00000	00011	10902	.05508	-.00236	01358	.00245	.00154

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ021)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP = 400.0000 IN. ZT
SCALE	=	.0100	

BETA	=	6.000
ELV-LO	=	-5.000
ELV-RO	=	-5.000

ELV-LI = 10.000
ELV-RI = 10.000

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	6.00000	4.20857	-.67673	-.36672	.54050	-.02950	-.00357	-.00379
1.150	-4.000	6.00000	4.20854	-.46680	-.23926	.51320	.00926	.00360	-.00054
1.150	-2.000	6.00000	4.20926	-.24122	-.11980	.49623	.04243	.00982	.00251
1.150	.000	6.00000	4.20933	-.00988	-.00477	.48741	.07231	.01525	.00576
1.150	2.000	6.00000	4.21131	.22541	.10943	.48547	.10085	.02026	.00882
	GRADIENT	.00000	.00042	.11540	.05805	-.00460	.01523	.00277	.00157

RUN NO   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4.21999	-.85124	-.49750	.58289	-.06161	-.00934	-.00924
1.205	-6.000	6.00000	4.21986	-.65533	-.35563	.54334	-.02252	-.00226	-.00630
1.205	-4.000	6.00000	4.22051	-.44265	-.22912	.51730	.01351	.00438	-.00344
1.205	-2.000	6.00000	4.22066	-.22329	-.11181	.50089	.04406	.01007	-.00042
1.205	.000	6.00000	4.21990	.00199	.00094	.49278	.07325	.01529	.00304
1.205	2.000	6.00000	4.22090	.22343	.10992	.49193	.10032	.01997	.00647
1.205	4.000	6.00000	4.22132	.44022	.21939	.49820	.12297	.02384	.00948
	GRADIENT	.00000	.00009	.11062	.05594	-.00236	.01376	.00244	.00164

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ022)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP = 976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP = 400.0000 IN. ZT
SCALE	=	.0100	

BETA	=	-6.000
ELV-LO	=	-5.000
ELV-RO	=	-5.000

ELV-LI = 12.000
ELV-RI = 12.000

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6.00000	4.20965	-.64496	-.34948	.54032	-.06411	-.01030	-.00379
1.150	-4.000	-6.00000	4.21024	-.43356	-.22293	.51497	-.03823	-.00555	-.00014
1.150	-2.000	-6.00000	4.21038	-.21003	-.10537	.50112	-.01070	-.00057	.00354
1.150	.000	-6.00000	4.20957	.01087	.00544	.49447	.01692	.00453	.00652
1.150	2.000	-6.00000	4.21063	.23931	.11837	.49467	.04548	.00987	.00876
	GRADIENT	.00000	.00002	.11199	.05674	-.00338	.01394	.00257	.00148

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ022)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   *   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO *   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO *   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	-6 00000	4 21931	-.82629	-.48383	.58430	-.08487	-.01441	-.00485
1.205	-6.000	-6 00000	4 21745	-.62655	-.34180	54611	-.05916	- 00959	-.00188
1.205	-4 000	-6 00000	4.21623	- 41245	-.21552	52233	- 03246	-.00449	.00088
1 205	-2.000	-6 00000	4 21818	-.19323	-.09825	.50844	- 00494	.00075	.00344
1.205	000	-6.00000	4 21785	.02427	01218	.50206	.02354	.00598	.00632
1.205	2 000	-6 00000	4 21793	.23844	.12001	50333	.04911	.01081	.00825
1 205	4.000	-6.00000	4.21908	.44778	.22802	50899	07024	.01495	.00930
	GRADIENT	00000	00027	.10761	.05527	- 00159	01297	.00245	.00108

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ023)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT   XMRP =   976 0000 IN XT   BETA   =   -4 000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	-4 00000	4 21296	-.65648	-.35507	53944	-.05754	-.00944	-.00304
1 150	-4.000	-4 00000	4.21239	-.44402	- 22776	51364	-.03005	-.00431	.00065
1 150	-2 000	-4.00000	4 21662	- 21662	- 10815	.49883	- 00040	.00121	.00432
1.150	000	-4.00000	4 20791	00508	.00254	.49119	.02900	00666	.00721
1.150	2.000	-4 00000	4 20780	23460	11497	49005	05744	01205	.00934
	GRADIENT	00000	-.00083	.11288	.05694	- 00392	.01459	.00273	00145

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH,	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-4.00000	4.22027	- 82815	-.48435	.58372	-.07942	-.01367	-.00430
1.205	-6.000	-4.00000	4.21788	-.63061	-.34299	.54435	-.05177	-.00848	-.00139
1 205	-4 000	-4 00000	4 21534	- 41335	- 21486	.51978	-.02293	-.00291	.00111
1 205	-2.000	-4 00000	4 21859	- 19201	-.09712	.50680	00662	.00277	.00362
1.205	000	-4 00000	4 21761	.02599	01294	49844	.03602	.00817	.00640
1.205	2.000	-4.00000	4 21589	.23701	.11814	.49845	06156	.01294	.00834
1.205	4 000	-4.00000	4.22016	.44798	.22647	.50520	.08238	.01699	00963
	GRADIENT	.00000	00035	.10758	05490	-.00183	.01328	.00250	.00109

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ024) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	00000	4.21456	- 67855	- 36506	.53643	-.04613	- 00759	-.00174
1.150	-4.000	.00000	4.21191	-.46294	- 23548	50946	- 01232	-.00127	.00180
1.150	-2.000	.00000	4.20727	- 23486	- 11625	.49449	02215	.00513	.00511
1.150	.000	00000	4.20445	- 00795	-.00383	.48627	.05279	.01086	00794
1.150	2.000	00000	4.20650	.21637	.10467	.48373	07881	.01580	.00979
	GRADIENT	00000	-.00095	11324	.05664	- 00427	01520	00285	.00134

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	00000	4 22419	- 83940	-.48659	57852	- 06788	-.01195	-.00376
1.205	-6 000	.00000	4 22283	-.65106	- 35120	54001	-.03656	-.00587	- 00142
1.205	-4 000	.00000	4.22074	- 43216	- 22269	.51495	- 00378	.00046	00086
1.205	-2 000	00000	4 22036	- 20096	-.10034	.49973	03099	.00673	00414
1.205	.000	00000	4 21936	.01648	00806	49226	06220	.01232	.00720
1.205	2 000	00000	4 21807	.23136	.11358	49094	08529	01671	.00929
1.205	4.000	.00000	4 22111	43813	.21782	.49685	.10648	02061	01142
	GRADIENT	.00000	- 00008	10864	.05475	- 00225	01374	00251	00131

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ025) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT	XMRP = 976 0000 IN XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5 000	ELV-RI = 12.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5 000	
SCALE = .0100				

RUN NO. 0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	4.00000	4 20841	-.66857	-.36239	.54068	-.02808	- 00445	-.00191
1 150	-4 000	4 00000	4.20825	- 45680	-.23413	.51312	00927	.00255	.00130
1.150	-2.000	4 00000	4 20820	- 22521	-.11192	49664	04313	00894	.00426
1 150	.000	4.00000	4.20896	00340	00168	48926	07248	01443	00720
1.150	2 000	4.00000	4 21071	.22470	10910	48556	.09812	01915	.00986
	GRADIENT	.00000	00041	.11366	05716	-.00455	.01479	00276	00143

LARC 8FT TPT /49 (1A93) OTSAT130   (FJJ025)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	4.000	ELV-LI =	12.000
LREF = 1230.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	-5.000	ELV-RI =	12.000
BREF = 1230.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	-5.000		
SCALE = 0100							

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	4 00000	4 22037	-.83782	-.48956	.58334	-.05847	-.00988	-.00704
1 205	-6 000	4 00000	4 22057	-.64437	-.35046	.54423	-.02091	-.00292	-.00427
1.205	-4.000	4 00000	4 21936	-.42819	-.22177	.51779	.01516	.00380	-.00137
1.205	-2.000	4 00000	4.21871	-.20403	-.10239	.50211	.04635	.00961	.00182
1 205	.000	4.00000	4 21893	.02065	.01016	.49399	.07622	.01494	.00520
1 205	2.000	4 00000	4 21789	.23485	.11553	.49195	.10159	.01948	.00831
1 205	4.000	4.00000	4 21763	.44497	.22175	.49800	.12428	.02344	.01105
	GRADIENT	.00000	-.00021	.10926	.05525	-.00249	.01367	.00246	.00157

LARC 8FT TPT 749 (1A93) OTSAT130   (FJJ026)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI =	12.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN YT		ELV-LO =	-5.000	ELV-RI =	12.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN ZT		ELV-RO =	-5 000		
SCALE = 0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	6.00000	4.20996	-.66205	-.35941	.54150	-.02028	-.00287	-.00297
1.150	-4.000	6 00000	4.20993	-.45241	-.23249	.51450	.01817	.00424	.00029
1.150	-2.000	6.00000	4 21004	-.22822	-.11364	.49755	.05164	.01047	.00346
1.150	.000	6 00000	4 21108	.00002	.00005	.48887	.08128	.01589	.00663
1.150	2 000	6 00000	4 21078	.23173	.11284	.48693	.10906	.02079	.00976
	GRADIENT	00000	.00018	.11403	.05748	-.00457	.01512	.00275	.00158

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4.21425	-.83843	-.48986	.58310	-.05272	-.00867	-.00842
1.205	-6.000	6.00000	4 21488	-.64525	-.35087	.54433	-.01455	-.00172	-.00563
1 205	-4.000	6.00000	4.21613	-.43399	-.22510	.51844	.02125	.00489	-.00271
1 205	-2.000	6 00000	4.21705	-.21116	-.10596	.50202	.05278	.01068	.00056
1 205	.000	6 00000	4 21971	.01478	.00728	.49374	.08228	.01591	.00409
1 205	2.000	6 00000	4 21807	.23488	.11576	.49286	.10907	.02057	.00757
1.205	4.000	6 00000	4 21885	.45093	.22481	.49825	.13189	.02449	.01048
	GRADIENT	.00000	.00032	.11079	.05608	-.00248	.01388	.00246	.00167

LARC 8FT TPT '/49 (IA93) OTSATI30   (FJJ027)   (15 JUL 76)

REFERENCE DATA   ,   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	-6.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	4.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	4.000		
SCALE =	.0100							

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-6.00000	3 97299	-1 00306	-.43062	.42836	-.06070	- 00818	- 01940
.900	-6.000	-6 00000	3 97404	-.79131	- 31250	39544	-.03911	-.00414	-.01533
900	-4 000	-6 00000	3 97396	- 54533	- 20289	.37174	-.01925	-.00035	-.01122
900	-2.000	-6.00000	3.97212	- 25641	- 09148	.35716	00136	.00338	- 00692
.900	.000	-6.00000	3 97083	06043	02102	.34931	.02407	.00735	- 00230
.900	2.000	-6.00000	3 97038	.37798	.13200	34962	.04772	01150	00262
.900	4.000	-6 00000	3 97111	.68045	24364	.35765	.06928	01550	.00601
	GRADIENT	00000	- 00037	15430	.05583	-.00179	01117	.00199	.00220

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	-6.00000	4 07738	- 88568	- 45385	.51119	-.08214	- 01155	- 01826
975	-6.000	-6 00000	4 07827	-.68931	-.32712	.47514	- 05792	-.00706	-.01468
.975	-4.000	-6 00000	4 07812	-.47597	-.21440	.45007	- 03325	-.00268	- 01049
975	-2 000	-6 00000	4 08107	-.22890	-.09942	.43463	-.00874	.00167	-.00599
975	000	-6.30000	4 08385	03742	01600	.42914	.01626	00605	- 00160
975	2 000	-6.00000	4 08185	.28903	.12457	.43103	04074	.01061	.00175
975	4.000	-6 00000	4 07953	54147	.23953	44183	.06443	.01520	.00460
	GRADIENT	.00000	00018	.12764	05659	- 00100	01224	.00224	.00190

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	-6.00000	4 20923	- 59708	- 32323	.53953	- 05544	-.00686	-.00831
1 150	-4 000	-6 00000	4.20945	-.38636	- 19864	.51525	-.02931	-.00212	-.00451
1 150	-2 000	-6.00000	4 20800	- 16682	- 08399	50247	-.00112	00293	-.00063
1.150	.000	-6.00006	4.20975	05968	02968	.49612	.02668	.00813	.00230
1.150	2 000	-6 00000	4 21064	28115	13978	.49718	05293	01306	.00419
	GRADIENT	00000	00026	.11145	05645	- 00303	.01373	00254	.00145

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ027)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI = 12.000
ELV-LO	=	4.000	ELV-RI = 12.000
ELV-RO	=	4.000

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8 000	-6 00000	4.21639	- 78462	-.45807	.58244	-.07840	-.01104	-.00923
1.205	-6.000	-6.00000	4 21832	- 58223	-.31707	.54525	- 05109	-.00629	-.00633
1 205	-4.000	-6.00000	4 21946	-.36918	-.19304	52267	-.02381	-.00118	-.00332
1.205	-2.000	-6 00000	4 21837	-.15041	-.07670	50992	00465	.00413	-.00042
1.205	000	-6.00000	4.21623	06724	03390	.50436	.03175	.00919	.00230
1.205	2.000	-6 00000	4.21574	27741	.14038	.50608	05528	01368	.00410
1.205	4.000	-6 00000	4 21937	48195	24681	51190	07665	.01756	00580
	GRADIENT	00000	- 00014	.10650	.05484	-.00127	.01258	.00235	.00114

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ028)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4.000	ELV-LI = 12.000
ELV-LO	=	4.000	ELV-RI = 12.000
ELV-RO	=	4.000

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4 00000	3 97316	-1.01442	- 43581	.42871	-.06144	- 00812	-.01947
900	-6 000	-4.00000	3.97134	-.80283	-.31614	.39433	-.03944	-.00403	-.01524
.900	-4 000	-4.00000	3 97059	-.55471	-.20501	.36935	-.01905	-.00015	-.01101
900	-2 000	-4.00000	3.97026	- 26507	- 09354	.35334	.00308	.00376	-.00615
900	000	-4 00000	3 96858	.06213	02129	.34462	.02840	.00816	-.00120
.900	2.000	-4.00000	3 96817	39480	.13537	.34329	.05368	.01269	.00375
.900	4.000	-4.00000	3.97008	70031	.24770	.35320	.07634	01691	.00723
	GRADIENT	00000	-.00016	15850	.05672	-.00212	.01207	.00215	00232

LARC 8FT TPT '/49 (IA93) OTSAT130   (FJJ028)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA =	-4.000 ELV-LI = 12.000
ELV-LO =	4 000 ELV-RI = 12.000
ELV-RO =	4.000

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8 000	-4.00000	4 07972	-.88701	-.45575	.51254	- 07935	-.01107	-.01787
975	-6 000	-4 00000	4 08106	-.69481	-.33003	.47558	- 05481	-.00661	-.01414
.975	-4 000	-4 00000	4 08024	- 48438	- 21828	.45034	-.02952	-.00212	- 00990
.975	-2.000	-4 00000	4 08018	- 24474	- 10610	43380	- 00378	00242	-.00503
975	000	-4 00000	4 08226	.01627	00690	42642	.02028	00689	-.00070
975	2 000	-4 00000	4 07830	.27695	.11838	.42738	04752	.01196	00279
.975	4 000	-4 00000	4 07546	53969	.23670	.43789	07292	01694	00555
	GRADIENT	.00000		-.00057	12849	05672	-.00157	01281	.00238	00194

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL =   -5 00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-4 00000	4 20790	-.60675	- 32786	53855	- 04989	- 00602	- 00780
1 150	-4 000	-4 00000	4 20859	-.39355	- 20163	.51349	-.02171	- 00086	-.00386
1.150	-2 000	-4 00000	4.20924	-.17116	- 08577	50010	.00913	00470	.00013
1 150	000	-4 00000	4 21079	.05365	02651	.49282	.03785	01010	00281
1.150	2 000	-4 00000	4 21247	27509	13562	.49302	.06441	01508	.00489
	GRADIENT	00000		00066	11154	.05620	-.00343	01435	00266	00145

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/ 5 00

MACH	ALPHA	BETA	PN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8 000	-4.00000	4 21736	- 78564	-.45805	.58173	-.07115	- 01030	- 00881
1 205	-6 000	-4 00000	4.21872	- 58825	- 31951	54376	- 04430	-.00521	- 00610
1 205	-4 000	-4 000^0	4.21822	-.37155	- 19339	52032	-.01418	.00041	-.00314
1 205	-2 000	-4 00000	4 21719	- 14669	-.07435	.50692	.01666	.00616	- 00003
1 205	000	-4 00000	4 21964	07137	03572	50054	04392	01130	00255
1.205	2.000	-4 00000	4 22193	.27823	13957	50159	06753	.01565	.00475
1.205	4.000	-4 00000	4 22443	.48522	24685	50843	08888	01953	00642
	GRADIENT	00000		.00086	10692	.05472	-.00146	01285	.00239	00119

LARC 8FT TPT /49 (1A93) OTSAT130   (FJJ029)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE =	.0100			

BETA =	.000	ELV-LI = 12.000
ELV-LO =	4.000	ELV-RI = 12.000
ELV-RO =	4.000	

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8 000	.00000	3 97723	-1 05522	- 44687	.42284	-.06667	-.00895	-.01848
.900	-6.000	00000	3 97176	- 84600	-.32510	.38437	- 04128	-.00443	-.01349
.900	-4 000	00000	3 96907	- 58159	-.20807	.35784	-.01561	.00011	-.00822
.900	-2 000	.00000	3 96607	-.29068	- 09924	.34132	01184	.00478	- 00240
900	000	.00000	3 96473	05119	.01701	.33420	.03930	.00970	.00314
.900	2.000	00000	3 96665	39874	.13376	33590	06693	.01462	.00794
900	4.000	00000	3.96842	.70977	24644	.34710	.09032	01868	.01126
	GRADIENT	00000	- 00004	16361	05710	-.00134	.01335	.00235	00246

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	.00000	4.08049	-.91225	- 46602	.50975	-.07319	-.01025	- 01636
.975	-6.000	00000	4.07734	-.72157	-.33984	.47142	-.04582	- 00531	-.01194
.975	-4 000	00000	4 07412	- 50743	- 22529	44375	- 01983	-.00063	-.00715
.975	-2 000	00000	4 07188	- 26607	-.11353	.42692	.00838	.00429	-.00158
975	.000	.00000	4 07194	-.01177	-.00498	.41923	-.03703	.00965	.00297
.975	2.000	.00000	4 07324	25545	10737	.41985	.06475	01501	.00615
.975	4.000	.00000	4 07764	52598	.22558	.42819	09151	01981	.00927
	GRADIENT	.00000	.00042	12942	05613	- 00191	.01395	.00258	.00203

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6 000	.00000	4.21418	- 63296	-.34037	53624	-.03712	-.00399	-.00645
1.150	-4.000	.00000	4 20748	- 41640	-.21225	51044	-.00372	.00223	-.00277
1.150	-2.000	.00000	4 20734	-.18172	-.09027	.49632	.03157	.00866	00090
1 150	000	00000	4 21004	.03605	.01764	48876	.06184	.01412	.00403
1.150	2 000	.00000	4.20785	25788	12555	.48696	.08639	.01863	.00649
	GRADIENT	.00000	.00019	.11203	05607	-.00390	01503	.00273	.00155

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ029)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	.00000	4.21755	-.80051	-.46300	.57725	-.05970	-.00860	-.00825
1.205	-6.000	.00000	4.21755	-.60404	-.32585	.53993	-.02840	-.00253	-.00575
1.205	-4.000	.00000	4.21756	-.38197	-.19710	.51580	.00469	.00386	-.00344
1.205	-2.000	.00000	4.21839	-.15638	-.07839	.50155	.03816	.00978	-.00001
1.205	.000	.00000	4.21955	.06102	.03017	.49509	.06766	.01498	.00335
1.205	2.000	.00000	4.22080	.26828	.13268	.49451	.09127	.01928	.00588
1.205	4.000	.00000	4.22382	.47676	.23895	.50089	.11250	.02314	.00801
	GRADIENT	.00000	.00075	.10711	.05416	-.00184	.01344	.00240	.00144

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ030)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	4.00000	3.97156	-1.03400	-.44092	.42562	-.06237	-.00828	-.01668
.900	-6.000	4.00000	3.97318	-.82079	-.32030	.39071	-.03536	-.00354	-.01099
.900	-4.000	4.00000	3.97519	-.56593	-.20711	.36597	-.00666	.00159	-.00523
.900	-2.000	4.00000	3.97463	-.28155	-.09847	.35016	.02346	.00679	.00102
.900	.000	4.00000	3.97212	.04489	.01526	.34183	.05200	.01196	.00652
.900	2.000	4.00000	3.96995	.37726	.12868	.34113	.07767	.01656	.01065
.900	4.000	4.00000	3.97118	.67973	.24079	.35394	.09905	.01993	.01310
	GRADIENT	.00000	-.00063	.15751	.05615	-.00166	.01328	.00232	.00231

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ030)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	4.00000	4.08046	-.90671	-.46335	.51008	-.06410	-.00882	-.01522
.975	-6.000	4.00000	4.08236	-.70971	-.33530	.47290	-.03395	-.00345	-.00984
.975	-4.000	4.00000	4.08189	-.48525	-.21674	.44631	-.00445	.00189	-.00428
.975	-2.000	4.00000	4.08198	-.24750	-.10634	.43040	.02632	.00746	.00099
.975	.000	4.00000	4.08195	.00611	.00247	.42457	.05783	.01339	.00561
.975	2.000	4.00000	4.08135	.27626	.11647	.42160	.08486	.01849	.00899
.975	4.000	4.00000	4.08250	.53843	.23238	.43092	.11198	.02303	.01242
GRADIENT		.00000	.00003	.12856	.05605	-.00198	.01457	.00267	.00207

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	4.00000	4.21124	-.62115	-.33667	.54060	-.01836	-.00081	-.00654
1.150	-4.000	4.00000	4.21092	-.40631	-.20838	.51341	.01884	.00605	-.00294
1.150	-2.000	4.00000	4.21088	-.17534	-.08724	.49744	.05138	.01210	.00046
1.150	.000	4.00000	4.21125	.05045	.02474	.49046	.07989	.01730	.00356
1.150	2.000	4.00000	4.20961	.27440	.13397	.48831	.10531	.02189	.00649
GRADIENT		.00000	-.00018	.11339	.05695	-.00411	.01440	.00264	.00157

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	4.00000	4.21924	-.78981	-.46037	.58160	-.04888	-.00625	-.01155
1.205	-6.000	4.00000	4.21938	-.59200	-.32157	.54380	-.01222	.00049	-.00848
1.205	-4.000	4.00000	4.21842	-.37992	-.19716	.51865	.02249	.00679	-.00531
1.205	-2.000	4.00000	4.21716	-.16072	-.08085	.50348	.05330	.01237	-.00194
1.205	.000	4.00000	4.21683	.05856	.02901	.49623	.08232	.01756	.00166
1.205	2.000	4.00000	4.21742	.27115	.13418	.49492	.10735	.02197	.00484
1.205	4.000	4.00000	4.21815	.48170	.24166	.50134	.12976	.02591	.00771
GRADIENT		.00000	-.00001	.10775	.05463	-.00216	.01343	.00239	.00164

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ031)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

    MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
    .900   -8.000   6 00000   3 97078 -1 02883   -.43879   42557   -.06145   -.00804   -.01612
    .900   -6.000   6 00000   3.97093   - 82113   -.32149   39192   -.03330   -.00316   -.01014
    .900   -4.000   6 00000   3 97241   - 57119   -.21083   36897   -.00397   .00209   - 00428
    900   -2.000   6.00000   3 97514 -.28220   -.09993   35438   .02707   .00751   .00192
    .900   000   6 00000   3 97341   03680   01270   .34637   .05695   .01287   .00738
    900   2 000   6 00000   3 97431   37418   .12953   .34616   08412   01758   .01186
    900   4 000   6 00000   3 97283   .66477   .23726   .35667   .10264   02055   .01358
            GRADIENT   00000   00000   15641   05628   -.00164   .01351   .00235   .00228

                RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

    MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
    .975   -8 000   6 00000   4.07826 -.90320   -.46098   .50939   -.06089   -.00822   -.01463
    .975   -6.000   6 00000   4.07995 -.70456   -.33315   .47334   -.02944   - 00268   -.00888
    .975   -4 000   6.00000   4 08106 -.48558   - 21768   .44805   .00245   .00303   -.00318
    975   -2 000   6.00000   4.08095 -.24482   -.10561   43162   03503   .00904   00200
    975   000   6 00000   4 08115   02124   .00894   42443   .06545   .01492   .00610
    .975   2 000   6 00000   4.08134   .28559   .12101   .42373   .09370   .01997   .01007
    .975   4.000   6 00000   4 08110   .54830   .23727   .43226   12101   .02456   .01329
            GRADIENT   00000   .00002   .12991   05683   -.00197   01479   00270   .00205

                PUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

    MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
    1.150   -6 000   6.00000   4 20845   - 61993   -.33652   .54153   -.01122   00059   - 00747
    1 150   -4 000   6 00000   4 20911   - 40892   -.21038   .51506   02638   00742   -.00389
    1 150   -2 000   6 00000   4.20992   - 17994   -.08974   .49836   05847   .01338   -.00057
    1.150   .000   6 00000   4 21003   .05149   .02528   .49057   .08859   .01872   00307
    1.150   2 000   6.00000   4 20990   .27946   .13672   .48927   .11561   .02342   .00636
            GRADIENT   .00000   00012   .11483   .05782   -.00426   .01489   .00267   .00172

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ031)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI =	12.000
ELV-LO	=	4.000	ELV-RI =	12.000
ELV-RO	=	4.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4.21798	-.79720	-.46502	.58204	-.04479	-.00532	-.01304
1 205	-6.000	6.00000	4.21913	- 59864	-.32534	54409	- 00706	.00138	-.00981
1 205	-4 000	6 00000	4 21876	-.38708	- 20096	.51890	02857	.00778	-.00646
1.205	-2.000	6 00000	4.21795	-.16635	- 08366	50320	.05977	.01344	- 00302
1 205	.000	6.00000	4 21801	05769	02858	49571	.08859	.01858	00063
1.205	2.000	6.00000	4.21831	.27365	.13559	.49548	.11503	02309	.00428
1.205	4 000	6.00000	4 21853	48721	.24430	.50114	.13703	.02692	.00714
	GRADIENT	.00000	- 00001	.10943	05549	- 00216	01361	.00240	.00173

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ032)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI =	12.000
ELV-LO	=	9.000	ELV-RI =	12 000
ELV-RO	=	9 000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	-6.00000	3 17023	-1 03909	-.36684	.35196	- 06907	-.00547	-.02726
.600	-6 000	-6.00000	3.16969	-.79691	-.25947	.32580	-.04804	-.00159	-.02325
.600	-4 000	-6.00000	3.17008	- 53554	-.16595	30948	-.02694	00212	-.01894
.600	-2.000	-6.00000	3.16636	-.21774	- 06465	.29698	-.00621	00577	-.01425
.600	000	-6.00000	3 16541	11880	03456	29037	.01392	.00950	-.01006
.600	2 000	-6.00000	3.16347	46812	.13554	.28915	.03615	.01371	-.00598
.600	4 000	-6.00000	3.16233	80914	.23770	.29327	.05771	.01761	-.00171
	GRADIENT	00000	- 00092	16876	05037	- 00201	.01058	.00195	.00214

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ032)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT	BETA =	-6 000	ELV-LI =	12.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	12.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	9 000		
SCALE	=	0100							

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8.000	-6.00000	3.97426	-.96248	-.41450	.42951	-.04955	-.00566	-.02057
900	-6 000	-6 00000	3.97319	-.75403	-.29870	.39672	-.02975	-.00188	-.01655
900	-4 000	-6.00000	3 97227	- 51155	-.19129	37358	- 00954	00192	-.01236
900	-2 000	-6.00000	3 96994	- 21093	-.07560	35874	.01177	.00577	-.00804
.900	000	-6 00000	3 96979	11539	04051	35165	03585	.01023	- 00374
900	2 000	-5 00000	3 97026	44067	15493	35167	06113	.01486	.00054
.900	4.000	-6 00000	3 97153	74155	26879	36203	08476	.01922	00403
	GRADIENT	00000	- 00006	.15789	.05753	-.00151	01190	.00218	00207

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	-6.00000	4.07913	- 85704	- 44029	51258	- 07021	- 00866	- 02036
.975	-6 000	-6 00000	4 07947	- 65839	- 31356	.47686	-.04550	-.00406	-.01689
.975	-4 000	-6 00000	4 07886	-.43742	-.19789	.45205	- 02057	.00047	-.01285
.975	-2 000	-6 00000	4.07902	- 19240	- 08402	.43717	00426	00482	-.00823
975	000	-6 00000	4.08172	.06811	02932	.43156	.02846	00921	- 00409
975	2.000	-6.00J00	4 09060	.32992	.14292	43322	.05491	.01411	- 00052
975	4 000	-6 00000	4 07996	.58250	25976	44538	07941	01883	00217
	GRADIENT	00000	00019	.12811	.05711	-.00086	01253	00230	00189

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	-6 00000	4 21014	- 57258	-.31087	.54112	-.04502	-.00435	- 00994
1.150	-4 000	-6.00000	4.20911	-.36137	- 18656	.51736	-.01900	00046	-.00637
1 150	-2 000	-6.00000	4 20944	-.14117	-.07138	50460	00945	00557	- 00250
1 150	000	-6 00000	4 21151	08241	.04115	49858	03722	01076	00053
1.150	2.000	-6 00000	4 21188	30071	.15027	49971	06327	01562	.00256
	GRADIENT	.00000	00052	11049	.05615	-.00295	01373	00253	.00149

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ032)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6 00000	4.22093	-.76441	- 44701	.58335	-.06604	- 00870	-.01039
1.205	-6.000	-6 00000	4.21904	-.56036	- 30593	54670	-.04111	- 00387	-.00786
1.205	-4.000	-6 00000	4 21752	-.34569	- 18140	52449	- 01417	00131	-.00524
1.205	-2 000	-6.00000	4 21704	-.12513	- 06405	.51191	01511	00671	-.00213
1.205	000	-6.00000	4 21722	.09049	04583	.50657	.04246	01175	.00091
1 205	2.000	-6.00000	4 21719	.29663	.15084	.50857	.06578	.01611	00268
1.205	4.000	-6.00000	4.21875	.50098	25794	.51465	.08679	.01994	.00437
	GRADIENT	00000	00013	.10575	05468	- 00115	.01263	00233	.00120

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ033)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN XT		BETA = -4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9 000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT		ELV-RO = 9 000	
SCALE = .0100				

RUN NO   0/ 0   RN/L =   3 16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	-4.00000	3.17328	-1.02620	- 36286	.35269	-.06743	-.00522	- 02696
.600	-6 000	-4.00000	3,17347	- 79079	-.25849	.32688	- 04533	-.00133	- 02280
.600	-4.000	-4 00000	3.16901	- 52898	-.16384	.30939	-.02212	.00260	-.01780
.600	-2.000	-4 00000	3.16362	- 22422	- 06688	29834	-.00130	00640	-.01344
600	.000	-4 00000	3 16219	.10492	03064	29131	01869	.01020	- 00917
.600	2 000	-4.00000	3 15926	.44518	12873	.28870	.04024	.01434	-.00517
.600	4.000	-4.00000	3 15883	79583	.23394	.29338	06454	.01879	-.00048
	GRADIENT	.00000	- 00124	16595	.04956	-.00208	01074	.00202	.00215

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ033)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	0100			

BETA	=	-4.000	ELV-LI	=	12.000
ELV-LO	=	9.000	ELV-RI	=	12.000
ELV-RO	=	9.000			

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4.00000	3 97268	-.97529	- 42006	.42970	-.04974	- 00545	- 02078
.900	-6 000	-4 00000	3 97204	-.76578	- 30228	39514	-.02885	- 00154	-.01650
.900	-4.000	-4 00000	3 97100	-.51675	- 19173	37090	-.00838	00225	-.01214
.900	-2.000	-4.00000	3.96999	- 22399	-.07950	.35514	01329	.00616	-.00753
.900	000	-4 00000	3 97019	10574	03659	34703	.04088	.01114	-.00293
.900	2.000	-4 00000	3.97097	.45613	15805	34652	06836	01630	.00147
.900	4 000	-4 00000	3.97460	.75900	.27249	35852	.09287	02079	00517
	GRADIENT	00000	00041	16158	05830	- 00167	01288	.00236	.00218

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	-4 00000	4 08046	- 85740	-.44171	51392	-.06767	- 00821	- 02002
.975	-6 000	-4 00000	4.08054	- 65729	- 31327	.47712	- 04189	- 00351	-.01621
.975	-4 000	-4 00000	4 08053	-.44219	- 20000	45212	- 01637	.00110	- 01205
975	-2 000	-4.00000	4.08225	-.21045	-.09177	.43635	00880	.00553	-.00737
975	000	-4.00000	4 08423	05001	02141	42914	.03433	.01023	-.00292
975	2.000	-4.00000	4.08131	.32001	13766	43017	06212	01556	.00024
.975	4 000	-4 00000	4 07826	.57773	25566	44192	.08888	.02063	.00316
	GRADIENT	00000	- 00027	12852	.05704	- 00133	01319	00245	00190

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-4 00000	4 21137	- 57934	-.31409	54028	- 03905	- 00344	- 00946
1.150	-4 000	-4 00000	4 20989	- 36523	- 18794	51571	-.01039	.00185	-.00560
1.150	-2 000	-4.00000	4 21022	- 14401	-.07249	50234	.01975	00741	-.00188
1.150	000	-4.00000	4 20895	07865	.03905	49564	.04761	.01267	.00093
1.150	2.000	-4 00000	4.20810	29579	14671	49606	.07496	01757	00341
	GRADIENT	00000	-.00033	.11029	05578	-.00328	01420	00262	00149

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ033)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   -4.000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8 000	-4.00000	4 21880	- 76488	-.44677	58279	- 06061	-.00791	- 01012
1.205	-6.000	-4 00000	4 21805	-.56720	-.30901	.54543	- 03388	- 00276	-.00766
1 205	-4.000	-4.00000	4 21803	-.34808	-.18192	.52242	-.00447	00295	- 00515
1.205	-2.000	-4 00000	4 21756	-.12340	- 06285	.50954	.02634	.00872	- 00206
1.205	000	-4 00000	4 21830	.08995	04528	.50352	.05343	.01363	-.00096
1.205	2 000	-4 00000	4.21970	.29982	15126	50449	07806	.01802	.00332
1.205	4 000	-4.00000	4 22005	.50199	25678	.51122	09803	.02174	.00490
	GRADIENT	00000	00031·	10617	05457	-.00137	01284	.00234	00127

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ034)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   .000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   3 16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	.00000	3 17381	-1.05707	- 37150	.35070	-.06538	-.00536	- 02575
.600	-6.000	00000	3 16648	- 82244	- 26522	32254	- 04140	-.00111	- 02111
.600	-4 000	00000	3 16120	- 54620	- 16621	.30415	-.01817	00304	-.01639
600	-2.000	00000	3 15333	-.24737	- 07244	.29290	00468	.00717	-.01166
.600	000	00000	3 14991	.08771	02520	.28665	.02587	.01121	- 00760
.600	2 000	.00000	3 14780	44375	.12622	28386	.04856	.01558	- 00305
600	4.000	.00000	3 15216	80272	23106	.28706	.07317	02021	.00173
	GRADIENT	.00000	- 00118	16945	.04966	-.00216	.01133	.00214	.00224

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ034) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA	=	.000
ELV-LO	=	9 000
ELV-RO	=	9 000

ELV-LI	=	12.000
ELV-RI	=	12.000

RUN NO 0/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8 000	.00000	3 96699	-1 01794	- 43321	42487	- 05601	-.00627	- 02055
.900	-6 000	.00000	3 95803	-.80444	-.31073	38633	- 03055	-.00180	-.01545
.900	-4.000	00000	3 96984	-.53820	- 19343	.35932	- 00459	.00270	-.01015
.900	-2 000	00000	3.97427	- 25105	- 08627	34379	.02201	.00726	-.00440
.900	000	.09000	3 97703	10795	.03643	33792	.05482	01325	.00095
.900	2 000	00000	3.97405	45566	15493	- 34003	.08461	.01885	.00502
900	4 000	.00000	3 97125	76528	.26969	.35197	.10932	.02307	.00884
	GRADIENT	.00000	00013	16568	.05837	-.00092	01452	.00262	00237

RUN NO 0/ 0 RN/L = 4 08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	00000	4 07942	-.88345	- 45269	.51144	-.06295	-.00736	-.01896
.975	-6 000	.00000	4 07883	- 68986	-.32598	47280	-.03437	-.00230	-.01418
.975	-4.000	00000	4 08109	- 47201	- 21012	44514	-.00662	00256	-.00889
.975	-2 000	00000	4 08377	-.23522	- 10100	.42945	02167	.00752	- 00362
975	.000	00000	4 08361	02517	01061	42262	.05079	.01293	.00087
975	2.000	.00000	4 08384	29489	.12491	42356	.07859	.01827	.00398
.975	4.000	00000	4 08115	.55898	.24147	.43164	.10548	.02301	.00677
	GRADIENT	00000	00001	.12960	05646	-.00164	.01406	00258	00195

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	00000	4.21007	- 60893	-.32850	53793	-.02698	- 00145	- 00835
1.150	-4.000	00000	4 20951	- 38830	-.19858	.51243	.00789	.00499	-.00445
1.150	-2.000	00000	4 21032	-.15368	-.07675	.49879	.04325	.01142	-.00063
1.150	000	.00000	4 20992	06510	.03204	.49178	07112	.01659	.00209
1.150	2 000	.00000	4.21051	28200	.13830	49043	.09728	.02118	.00497
	GRADIENT	.00000	.00013	.11147	05597	-.00365	.01480	.00269	.00155

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ034)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
        1.205   -8.000   .00000   4.22171   -.77423   -.44850   .57799   -.04919   -.00609   - 00991
        1.205   -6.000   .00000   4.21902   - 57890   -.31318   54164   -.01793   -.00003   -.00753
        1 205   -4.000   00000   4 21693   -.36017   - 18676   .51818   01488   .00624   - 00505
        1.205   -2.000   .00000   4.21885   -.13648   -.06872   .50427   04797   .01207   -.00152
        1.205   000   .00000   4 22011   .07970   03970   49869   .07749   .01732   .00168
        1.205   2 000   00000   4 22103   .29103   14485   .49768   .10113   .02152   .00454
        1.205   4.000   .00000   4.22344   .49307   .24849   .50366   .12145   02515   .00686
              GRADIENT   .00000   .00076   .10670   .05420   -.00178   01331   .00236   .00149

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ035)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

                    RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
         600   -8.000   4.00000   3.16969   -1.05798 -.37379   .35243   - 07220   -.00602   -.02681
        .600   -6.000   4.00000   3 17070   -.81556   -.26614   .32630   -.04568   -.00139   -.02156
        .600   -4.000   4 00000   3.16895   -.54163   - 16709   .30820   -.02161   .00303   - 01674
        .600   -2 000   4 00000   3.16849   - 24360   - 07219   .29618   .00403   .00758   -.01132
        .600   000   4 00000   3 16565   09770   .02837   .28932   .02833   .01218   -.00656
        .600   2 000   4 00000   3 16287   44705   12871   .28740   05394   .01688   - 00181
        .600   4 000   4 00000   3 16160   .80458   .23460   29107   .07914   02170   00313
              GRADIENT   .00000   -.00102   16915   .05021   -.00215   .01257   .00233   .00246

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ035)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ FT.   XMRP  =   976.0000 IN. XT              BETA    =    4.000   ELV-LI =   12.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT              ELV-LO  =    9.000   ELV-RI =   12.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT              ELV-RO  =    9.000
SCALE =      .0100
```

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8 000	4.00000	3.97182	-.99401	-.42562	.42708	-.05152	-.00560	-.01863
.900	-6.000	4 00000	3.97184	- 78451	- 30725	39213	-.02586	-.00111	- 01287
.900	-4.000	4 00000	3 97142	- 53643	~ 19760	.36802	.00404	.00414	-.00717
900	-2.000	4.00000	3 97243	-.23659	- 08323	.35230	.03532	.00978	-.00142
.900	000	4 00000	3 97267	.10647	03670	.34541	06769	.01573	.00367
.900	2.000	4 00000	3.97060	.45328	.15669	.34571	.09841	.02131	.00784
.900	4.000	4.00000	3 97020	.75409	.27057	.35830	.11958	.02460	.01090
	GRADIENT	.00000	- 00021	16355	.05881	-.00130	01471	.00262	.00227

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	4 00000	4 07773	- 87175	- 44670	.51113	-.05231	- 00573	- 01752
.975	-6.000	4 00000	4 07864	- 67567	-.32007	47440	-.02191	-.00033	-.01215
.975	-4 000	4 00000	4 08054	- 45328	- 20373	.44883	.00824	.00507	-.00666
.975	-2.000	4 00000	4.07981	- 21157	- 09128	43248	.03896	.01071	-.00141
975	000	4 00000	4.08145	03996	01690	.42637	06839	.01632	.00286
975	2.000	4 00000	4 08265	.31299	13273	42414	.09750	.02140	.00680
.975	4.000	4 00000	4 08391	.57946	.25267	.43536	.12668	.02637	.00978
	GRADIENT	.00000	.00048	.12950	05684	-.00176	.01477	00266	.00205

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	4 00000	4.21334	-.59220	- 32190	.54189	-.00885	.00177	-.00869
1.150	-4.000	4.00000	4.20962	- 38195	- 19643	.51506	02843	00851	-.00488
1 150	-2.000	4 00000	4 20842	- 15806	- 07904	.49970	.06112	01439	- 00127
1.150	000	4.00000	4.21053	.07185	.03544	49322	09038	01971	00217
1.150	2.000	4 00000	4 21118	29125	.14308	49136	.11501	.02413	.00513
	GRADIENT	.00000	00034	11247	.05665	-.00388	.01445	.00261	.00167

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ035)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	4.00000	4.21792	-.77017	-.44972	.58276	-.03907	-.00395	-.01322
1.205	-6.000	4.00000	4.21889	-.57587	-.31389	.54561	-.00318	.00256	-.00995
1.205	-4.000	4.00000	4.21871	-.36166	-.18844	.52079	.03069	.00882	-.00688
1.205	-2.000	4.00000	4.21692	-.13690	-.06920	.50584	.06194	.01450	-.00342
1.205	.000	4.00000	4.21654	.08447	.04207	.49850	.09173	.01967	.00064
1.205	2.000	4.00000	4.21685	.28999	.14422	.49733	.11468	.02378	.00367
1.205	4.000	4.00000	4.21761	.49932	.25180	.50393	.13608	.02757	.00642
	GRADIENT	.00000	-.00011	.10744	.05469	-.00211	.01318	.00234	.00168

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ035)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	6.00000	3.16880	-1.05689	-.37322	.35202	-.07252	-.00599	-.02658
.600	-6.000	6.00000	3.16898	-.81710	-.26611	.32584	-.04628	-.00131	-.02146
.600	-4.000	6.00000	3.16984	-.56012	-.17307	.30845	-.02180	.00313	-.01655
.600	-2.000	6.00000	3.16736	-.23016	-.06794	.29526	.00497	.00797	-.01112
.600	.000	6.00000	3.16759	.10776	.03114	.28868	.02983	.01272	-.00627
.600	2.000	6.00000	3.16661	.46434	.13361	.28734	.05730	.01762	-.00078
.600	4.000	6.00000	3.16474	.81560	.23763	.29091	.08330	.02262	.00408
	GRADIENT	.00000	-.00055	.17230	.05115	-.00215	.01313	.00243	.00258

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ036)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI =	12.000
ELV-LO	=	9.000	ELV-RI =	12.000
ELV-RO	=	9.000		

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8.000	6.00000	3.97215	-.99228	- 42496	.42736	-.05021	-.00534	- 01792
.900	-6 000	6 00000	3.97165	-.78456	- 30846	.39348	-.02290	- 00070	-.01174
900	-4.000	6 00000	3 97199	-.53552	- 19860	.37075	00774	00472	-.00593
900	-2.000	6.00000	3 97217	- 24558	-.08749	.35626	.03880	.01048	-.00069
900	000	6 00000	3 97235	09183	.03201	.34904	.07214	01667	.00449
900	2 000	6 00000	3 97166	.43755	15315	35009	10433	.02228	.00939
.900	4.000	6.00000	3.97118	72994	26325	36025	.12425	· 02526	01204
	GRADIENT	00000		- 00011	.16070	.05822	- 00136	.01493	00264	00230

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8 000	6.00000	4 07995	-.87179	- 44682	51137	- 04937	- 00516	- 01698
975	-6.000	6.00000	4.08327	-.67287	- 31920	.47496	-.01745	00043	-.01126
.975	-4 000	6.00000	4.08414	- 45014	- 20241	.44936	.01555	.00629	-.00537
.975	-2.000	6 00000	4 08144	-.20448	-.08855	43364	04744	.01232	-.00033
975	.000	6 00000	4 08111	.06081	02585	42678	07666	01785	00369
.975	2 000	6.00000	4 07859	.32260	13737	42586	.10712	02292	.00806
975	4 000	6 00000	4.08042	58764	25664	43616	.13613	02796	.01057
	GRADIENT	.00003		-.00051	13013	05720	-.00171	' 01504	00270	.00201

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	6 00000	4 21098	-.59274	- 32264	54267	-.00177	.00302	- 00937
1.150	-4.000	6.00000	4.21009	-.38254	- 19723	.51642	.03595	.00978	-.00553
1.150	-2 000	6.00000	4 20979	- 15958	- 07996	50032	06879	01568	-.00191
1.150	000	6.00000	4.21007	.07376	03638	49267	09860	.02092	.00187
1 150	2.000	6.00000	4 21026	.30007	14756	49181	12355	02535	.00512
	GRADIENT	00000		.00004	.11406	.05754	-.00407	.01463	00260	.00179

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ036)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI = 12.000
ELV-LO	=	9 000	ELV-RI = 12.000
ELV-RO	=	9.000	

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4 21815	- 77487	-.45259	58290	- 03531	-.00312	- 01460
1 205	-6 000	6 00000	4 21785	- 57805	- 31507	54563	00193	00346	-.01117
1 205	-4 000	6.00000	4 21716	-.36686	- 19108	.52061	03714	.00985	- 00784
1.205	-2.000	6 00000	4 21767	-.14541	-.07341	.50503	06804	.01542	-.00426
1.205	000	6 00000	4 21727	.08042	04001	.49766	.09775	.02057	-.00021
1 205	2.000	6 00000	4 21689	29418	.14636	.49753	12278	.02488	.00341
1.205	4 000	6 00000	4.21779	50480	.25430	.50348	.14358	.02855	.00610
	GRADIENT	00000	00002	.10915	05553	- 00209	.01338	.00234	00178

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ037)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290 3000 INCHES	ZMRP	=	400 0000 IN ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI = 12.000
ELV-LO	=	14.000	ELV-RI = 12.000
ELV-RO	=	14.000	

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	-6.00000	3.97229	- 91550	- 39652	43191	-.03642	-.00381	-.01959
-6 000	-6.00000	3.97248	-.69970	- 27952	.39999	- 01613	.00001	-.01550
-4 000	-6.00000	3.97173	-.45184	-.17098	37807	.00435	.00381	-.01134
-2.000	-6.00000	3 97170	-.15484	- 05631	.36420	.02545	00770	-.00723
000	-6.00000	3 97116	.17566	06274	35751	.05133	.01237	-.00273
2.000	-6.00000	3.97019	.50834	.18192	35795	.07677	.01709	.00135
4.000	-6.00000	3 97106	.79810	29444	36851	.10033	.02154	.00472
GRADIENT	.00000	- 00014	15815	05845	-.00127	.01216	.00224	.00204

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ037)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	0100			

BETA	=	-6.000	ELV-LI =	12.000
ELV-LO	=	14.000	ELV-RI =	12.000
ELV-RO	=	14.000		

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8 000	-6.00000	4 08232	-.81111	-.41961	.51612	-.05814	-.00674	-.01986
-6 000	-6 00000	4 08052	-.60818	-.29177	.48051	-.03282	-.00204	-.01638
-4 000	-6 00000	4 08020	-.38903	-.17757	.45622	-.00821	.00245	-.01242
-2 000	-6 00000	4 09167	-.14307	-.06322	.44241	.01655	.00678	-.00780
000	-6.00000	4 08018	.12414	.05425	.43745	.04229	.01144	-.00378
2.000	-6 00000	4 08106	.38079	.16767	.44041	.06829	.01636	-.00060
4 000	-6 00000	4 08204	.63084	.28650	.45355	.09391	.02117	.00245
GRADIENT	00000	00015	12818	.05795	-.00037	.01280	.00235	.00185

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ038)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT
SCALE	=	0100			

BETA	=	-4 000	ELV-LI =	12 000
ELV-LO	=	14.000	ELV-RI =	12.000
ELV-RO	=	14.000		

RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	-4 00000	3.97477	-.92957	-.40390	.43350	-.03711	-.00374	-.01978
-6.000	-4 00000	3.97425	-.71150	-.28409	.39965	-.01562	.00024	-.01567
-4.000	-4.00000	3 97283	-.45569	-.17129	.37578	.00613	.00424	-.01131
-2 000	-4 00000	3 97291	-.16110	-.05807	.36057	.02783	.00818	-.00671
000	-4.00000	3 97195	.17608	.06213	.35343	.05702	.01341	-.00185
2 000	-4.00000	3 96971	.51207	.18081	.35317	.08443	.01864	.00220
4 000	-4.00000	3.97058	.81720	.29897	.36534	10991	.02334	.00583
GRADIENT	.00000	-00039	16095	.05897	-.00141	.01321	00243	00216

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ038)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   14.000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	-4 00000	4 08581	-.81618	- 42314	51731	- 05497	-.00627	-.01930
-6 000	-4 00000	4 08394	- 61166	- 29351	.48053	-.02881	-.00146	-.01562
-4 000	-4 00000	4 08242	-.39297	-.17900	.45548	- 00309	.00323	- 01160
-2.000	-4 00000	4 08331	-.15715	-.06920	44074	.02150	00763	-.00713
.000	-4 00000	4 08154	11595	05039	.43504	.04781	01248	-.00294
2 000	-4 00000	4 08242	37115	16226	.43723	.07580	01788	-.00003
4 000	-4 00000	4 08313	.62223	.28081	45062	.10339	02305	00311
GRADIENT	.00000	.00003	.12794	.05755	-.00066	.01336	.00249	.00183

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ039)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14 000
SCALE =   .0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8 000	00000	3 96843	-.97235	- 41857	.42970	-.04292	-.00460	-.01959
-6 000	.00000	3.97111	-.74659	- 29253	39189	- 01692	00006	-.01475
-4 000	.00000	3.97112	-.47127	- 17227	36565	00999	.00483	-.00954
-2.000	.00000	3.97318	-.17859	- 06264	35080	.03754	.00963	-.00394
000	.00000	3.97521	18516	.06380	.34472	.06888	.01557	.00075
2.000	.00000	3.97487	.52616	.18302	.34790	.10002	.02133	.00525
4.000	.00000	3 97580	82803	.29861	.36019	.12677	.02579	.00964
GRADIENT	.00000	00055	.16517	.05937	-.00069	.01480	.00268	.00239

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ039)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	00000	4 08532	-.83667	-.43040	51321	- 04927	-.00529	-.01812
-6.000	.00000	4 08548	-.64027	- 30376	.47519	- 02208	-.00030	-.01387
-4 000	.00J00	4 08388	-.42101	-.18943	.44977	.00588	.00466	-.00889
-2 000	.00000	4 08267	-.17271	-.07510	.43509	03566	00989	- 00368
000	.00000	4.08086	09004	.03857	.42869	06466	01530	.00061
2 000	00000	4 07999	34701	14939	.43057	.09385	02064	.00385
4.000	.00900	4.08196	61010	26916	44071	.12186	.02563	.00668
GRADIENT	00000	- 00033	12910	05708	- 00113	01451	00263	.00193

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ040)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4 000   ELV-LI =   12 000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14.000
SCALE =   0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	4.00000	3 97210	-.95015	-.41111	.43164	-.03850	- 00400	-.01726
-6.000	4 00000	3.97122	-.72832	- 28866	.39688	- 01146	00077	- 01173
-4.000	4 00000	3 96978	- 46892	- 17505	.37307	.01931	.00627	- 00632
-2.000	4.00000	3 97060	-.17361	- 06215	.35834	.05093	.01204	-.00079
.000	4.00000	3 96966	17286	06074	.35222	08314	.01819	.00397
2 000	4.00000	3.97239	50345	17750	.35296	11400	.02369	.00829
4.000	4.00000	3 97339	.81384	29829	36615	.13987	.02786	.01225
GRADIENT	00000	.00045	.16213	.05932	-.00096	.01521	.00274	.00231

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ040)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	4.00000	4.08100	-.83340	-.43029	.51506	-.03968	-.00384	-.01666
-6.000	4.00000	4.08135	-.63519	-.30303	.47793	-.00993	.00151	-.01147
-4.000	4.00000	4.08160	-.41051	-.18584	.45223	.02083	.00700	-.00593
-2.000	4.00000	4.08 70	-.15992	-.06979	.43748	.05230	.01285	-.00089
.000	4.00000	4.08167	.09866	.04254	.43236	.08264	.01861	.00295
2.000	4.00000	4.08207	.36778	.15832	.43097	.11242	.02377	.00660
4.000	4.00000	4.08444	.62604	.27852	.44425	.14370	.02902	.00988
GRADIENT	.00000	.00030	.13004	.05784	-.00112	.01529	.00275	.00196

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ041)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	6.00000	3.97034	-.95154	-.41119	.43107	-.03810	-.00391	-.01671
-6.000	6.00000	3.97091	-.73366	-.29136	.39758	-.00982	.00105	-.01093
-4.000	6.00000	3.97031	-.47751	-.17935	.37538	.02162	.00671	-.00536
-2.000	6.00000	3.97051	-.17992	-.06490	.36087	.05428	.01276	.00012
.000	6.00000	3.97037	.16760	.05938	.35459	.08908	.01930	.00508
2.000	6.00000	3.97189	.49945	.17783	.35618	.12075	.02483	.00987
4.000	6.00000	3.97280	.79407	.29211	.36747	.14270	.02830	.01307
GRADIENT	.00000	.00032	.16113	.05928	-.00103	.01543	.00276	.00233

LARC 8FT TPT '749 (IA93) OTSATI30   (FJJ041)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT	XMRP =	976.0000 IN. XT	
LREF	=	1290 3000 INCHES	YMRP =	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE	=	.0100			

BETA =	6.000	ELV-LI =	12.000
ELV-LO =	14.000	ELV-RI =	12.000
ELV-RO =	14.000		

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	6 00000	4 08224	-.83581	-.43107	.51466	- 03685	-.00331	- 01614
-6.000	6.00000	4 08221	-.63345	-.30257	.47841	-.00535	.00229	-.01055
-4 000	6.00000	4.08049	-.40698	- 18459	.45328	02746	00818	-.00480
-2.000	6 00000	4 08084	- 15603	- 06828	.43833	06021	.01433	.00010
000	6 00000	4 08076	.11253	.04859	.43260	09140	.02008	00409
2.000	6 00000	4 08078	.37019	16018	.43286	.12198	02526	.00791
4 000	6 00000	4 08191	.63002	.28032	.44448	15210	03047	01080
GRADIENT	00000	.00014	13001	.05791	-.00115	01555	.00278	.00195

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ042)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP =	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP =	0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP =	400 0000 IN ZT	
SCALE	=	.0100			

BETA =	-6.000	ELV-LI =	8.000
ELV-LO =	14 000	ELV-RI =	8.000
ELV-RO =	14.000		

RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	-6.000C3	3 97000	- 95662	-.41177	.42940	-.04939	-.00521	-.02034
-6 000	-6 00000	3 96921	-.74000	-.29382	.39746	-.02849	-.00135	-.01634
-4 000	-6 00000	3 96923	-.48605	- 18287	.37612	-.00686	.00263	-.01238
-2.000	-6.00000	3.97115	- 18929	- 06854	.36228	.01441	00657	- 00848
000	-6.00000	3 97136	14423	.05122	35540	03906	01117	-.00403
2.000	-6.00000	3.96882	.47942	17071	35629	06483	01595	.00022
4.000	-6.00000	3 96977	76852	29126	36560	.08835	02043	.00358
GRADIENT	.00000	-.00006	15889	05838	- 00135	01204	.00225	.00203

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LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ042)   (08 JUL 76).

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975
ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
-8.000   -6 00000   4.08019   - 84653   - 43669   .51471   -.07143   -.00816   -.01936
-6 000   -6.00000   4 07994   - 64607   -.30901   .47904   -.04650   -.00354   -.01595
-4.000   -6.00000   4.07989   -.42621   - 19390   45443   -.02159   .00100   -.01208
-2.000   -6 00000   4.08034   -.17885   -.07863   .44017   .00308   .00538   -.00777
 .000   -6.00000   4.08220   .08148   .03533   43452   .02832   .00985   -.00393
2.000   -6.00000   4.08135   .33576   .14637   43601   .05483   .01475   -.00059
4 000   -6.00000   4 08167   59307   .26623   .44827   08070   .01961   .00242
GRADIENT   00000   .00023   .12766   .05725   -.00082   .01282   .00233   .00181

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ043)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900
ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
-8.000   -4 00000   3.97065   -.96928   -.41781   .43009   -.04948   - 00507   -.02060
-6 000   -4.00000   3.96957   - 75367   - 29850   39646   -.02852   -.00118   -.01663
-4.000   -4.00000   3 96856   - 49250   - 18384   .37308   - 00619   .00293   -.01253
-2 000   -4.00000   3 96914   - 19671   -.07029   35759   .01718   .00713   -.00800
 .000   -4.00000   3 96947   13517   .04734   .35114   .04497   .01219   -.00311
2.000   -4 00000   3.96923   49421   17383   .35217   .07311   .01760   .00108
4.000   -4 00000   3.97162   78584   28509   36245   .09873   .02225   .00491
GRADIENT   .00000   .00031   16238   05910   -.00133   .01329   .00246   .00220

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ043)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8 000	-4.00000	4.07854	-.85064	- 44033	.51645	-.06879	-.00767	-.01921
-6 000	-4.00000	4.07797	-.64790	- 30991	.47907	- 04330	-.00295	- 01560
-4.000	-4.00000	4.07900	-.42558	- 19330	45393	- 01691	00180	-.01129
-2 000	-4.00000	4.07952	- 18706	-.08201	.43882	00861	.00629	-.00681
.000	-4 00000	4 07929	.06685	02884	.43200	.03380	01092	-.00301
2.000	-4 00000	4 08099	32690	14163	43334	.06162	.01623	.00023
4 000	-4 00000	4 06183	.59440	.26066	.44544	08853	02128	.00312
GRADIENT	00000	00036	.12671	05658	-.00112	01319	.00244	.00179

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ044)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14 000
SCALE =   0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	00000	3 97690	-1.01003	- 43199	42714	-.05543	- 00616	-.01985
-6 000	00000	3 97121	- 78831	- 30631	.38846	- 02927	-.00155	-.01504
-4 000	00000	3 96612	- 51131	- 18451	36114	- 00266	.00323	-.01010
-2.000	.00000	3.96528	- 21439	- 07438	34653	.02416	00798	-.00473
.000	00000	3.96715	.14156	.04823	.34136	.05630	.01405	.00033
2.000	00000	3 97056	.48823	.16813	.34439	.08567	.01973	.00430
4.000	.00000	3 97267	.79805	28405	.35586	.11237	.02413	.00919
GRADIENT	.00000	.00092	16607	05898	-.00063	.01458	00268	.00238

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ044)   (08 JUL 76)

| REFERENCE DATA | | | | | | PARAMETRIC DATA | | |

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	.00000	4.07917	-.86642	-.44567	.51340	-.06213	-.00648	-.01828
-6.000	.00000	4.07959	-.67206	-.31953	.47577	-.03460	-.00148	-.01416
-4.000	.00000	4.07620	-.44883	-.20144	.44871	-.00554	.00361	-.00938
-2.000	.00000	4.07715	-.20875	-.09040	.43313	.02357	.00866	-.00408
.000	.00000	4.07640	.03911	.01663	.42570	.05041	.01378	.00019
2.000	.00000	4.08197	.31815	.13575	.42672	.08052	.01934	.00452
4.000	.00000	4.08068	.57771	.25152	.43502	.10638	.02397	.00733
GRADIENT	.00000	.00069	.12900	.05660	-.00169	.01404	.00257	.00210

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ045)   (08 JUL 76)

| REFERENCE DATA | | | | | | PARAMETRIC DATA | | |

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	4.00000	3.96981	-.97759	-.41938	.42795	-.05209	-.00567	-.01734
-6.000	4.00000	3.97111	-.75732	-.29726	.39286	-.02538	-.00091	-.01197
-4.000	4.00000	3.97167	-.50238	-.18582	.36978	.00355	.00443	-.00705
-2.000	4.00000	3.97123	-.21596	-.07676	.35574	.03488	.01013	-.00160
.000	4.00000	3.97158	.13339	.04644	.34917	.06899	.01644	.00351
2.000	4.00000	3.97092	.48017	.16789	.35002	.10061	.02221	.00798
4.000	4.00000	3.97177	.77157	.27960	.36195	.12222	.02577	.01166
GRADIENT	.00000	-.00001	.16220	.05877	-.00107	.01515	.00274	.00235

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ045)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975
ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	4 00000	4.08033	-.86676	- 44530	.51276	-.05329	-.00520	-.01650
-6.000	4 00000	4 07949	- 66781	- 31725	47565	-.02252	.00033	-.01155
-4.000	4.00000	4 08005	-.44456	- 20004	.44976	.00877	.00588	-.00633
-2 000	4.00000	4 08036	- 20549	- 08908	.43429	.03827	.01136	-.00165
.000	4.00000	4 07892	06170	,02639	.42945	.06939	.01726	.00274
2.000	4 00000	4 07971	.32941	14077	42742	.09837	02223	.00724
4.000	4 00000	4 08029	.59365	.26087	43873	.12689	02719	.01056
GRADIENT	00000	-.00001	13057	05758	-.00145	.01482	00267	00213

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ046)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976 0000 IN. XT   BETA   =   6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ,   ELV-RO =   14.000
SCALE =   .0100

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900
ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	6.00000	3.97004	- 97873	- 42066	42896	-.05214	-.00551	-.01695
-6.000	6.00000	3.96934	-.76595	-.30262	39547	- 02423	-.00060	-.01136
-4.000	6.00000	3.96977	- 50916	- 18977	37256	00672	.00503	-.00598
-2.000	6.00000	3.97103	- 21751	- 07806	35907	03963	01108	-.00056
.000	6.00000	3 97070	12088	04256	.35258	07472	01767	.00452
2 000	6.00000	3 97098	.47222	16684	35348	.10621	.02327	.00937
4.000	6.00000	3 97179	.75945	.27708	36440	.12496	.02610	.01256
GRADIENT	.00000	00020	.16135	05893	- 00110	.01515	.00272	.00235

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ046)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = .2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	6.00000	4.08102	- 86307	- 44292	.51210	-.04972	-.00449	-.01575
-6.000	6.00000	4 07959	-.66419	-.31575	.47609	-.01814	.00112	-.01044
-4.000	6.00000	4 07873	- 44572	-.20109	45103	.01466	.00693	-.00507
-2.000	6 00000	4 07946	-.19891	- 08650	43534	.04689	.01293	-.00043
.000	6.00000	4.07996	.07496	.03212	.42933	.07718	.01864	.00368
2.000	6.00000	4.07977	.33833	.14521	.42926	10672	.02362	.00815
4.000	6.00000	4 07956	.59806	26352	44006	.13588	.02869	.01141
GRADIENT	.00000	00010	.13124	.05805	- 00140	.01511	00271	00208

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ047)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-6.00000	3 97543	-1 02538	-.43726	.42543	- 06151	-.00855	-.01743
.900	-6.000	-6.00000	3.97638	-.80679	-.31633	.39246	- 03886	-.00434	-.01354
.900	-4 000	-6.00000	3 97665	-.55452	- 20525	.36995	-.01780	-.00037	-.00983
900	-2.000	-6.00000	3 97675	-.26677	-.09465	35487	.00251	00337	-.00599
.900	.000	-6.00000	3.97523	.04039	.01397	.34603	.02528	.00730	-.00087
.900	2.000	-6.00000	3 97596	.33984	.11773	.34635	04778	.01125	.00400
.900	4.000	-6.00000	3 97589	.65331	.23169	.35409	.06891	.01523	.00749
	GRADIENT	.00000	-.00012	.15111	.05431	-.00201	.01094	.00195	.00223

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ047) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT		
LREF	=	1290 3000 INCHES	YMRP =	.0000 IN. YT -		
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE	=	.0100				

BETA = -6.000 ELV-LI = 8.000
ELV-LO = 4.000 ELV-RI = 8.000
ELV-RO = 4.000

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-6.00000	4.08034	-.91373	-.46499	.50774	-.08419	-.01191	-.01568
975	-6 000	-6.00000	4.08093	-.71391	-.33675	.47231	-.05986	-.00742	-.01215
.975	-4.000	-6.00000	4 08179	- 49260	- 22106	.44844	-.03584	-.00309	-.00815
.975	-2 000	-6.00000	4.08145	-.24426	- 10558	.43248	-.01133	.00126	-.00390
.975	000	-6 00000	4 08061	01751	00743	42618	01342	.00560	.00023
.975	2.000	-6 00000	4 08252	.26898	11495	42737	03876	01023	.00391
.975	4 000	-6.00000	4 08418	51531	22579	.43768	.06179	01473	00654
	GRADIENT	.00000	.00029	12645	05571	- 00133	.01227	.00223	00186

RUN NO 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6 00000	4.21078	-.62657	-.33746	.53685	- 05819	-.00724	- 00585
1.150	-4.000	-6.00000	4.21099	-.41673	-.21321	.51267	- 03228	-.00255	-.00210
1.150	-2.000	-6.00000	4.21121	-.19314	-.09668	.49960	-.00469	.00247	.00159
1.150	.000	-6 00000	4.21195	.03770	01866	.49282	02424	00783	.00457
1.150	2.000	-6.00000	4 21208	25530	.12611	.49399	05068	.01272	00666
	GRADIENT	.00000	.00020	.11235	.05667	-.00314	.01389	.00256	.00146

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	-6.00000	4.21685	-.80925	- 46982	.57915	-.07893	-.01143	-.00657
1.205	-6.000	-6.00000	4.21651	-.60913	- 32974	.54208	-.05367	-.00668	-.00384
1.205	-4.000	-6.00000	4.21628	-.39609	- 20593	.51957	- 02659	-.00158	- 00101
1.205	-2.000	-6 00000	4.21635	-.17531	- 08875	.50641	00185	00376	00185
1.205	.000	-6 00000	4 21547	04247	02126	.50086	.02914	.00882	.00459
1.205	2.000	-6 00000	4.21493	.25580	.12852	.50246	.05279	.01329	.00639
1.205	4.000	-6 00000	4.21760	.46308	.23554	.50838	.07382	.01713	.00814
	GRADIENT	.00000	.00006	.10747	.05501	-.00132	01259	.00235	.00114

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ048)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = -4.000 ELV-LI = 8.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = 0100		

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4.00000	3.97791	-1.03847	-.44307	.42565	- 06175	-.00844	-.01772
.900	-6 000	-4.00000	3.97723	-.81539	- 31852	.39102	- 03832	- 00410	-.01367
.900	-4.000	-4.00000	3 97688	- 56181	-.20634	36723	- 01719	-.00013	-.00969
.900	-2.000	-4.00J00	3 97658	- 27994	-.09816	.35074	00443	.00372	-.00532
.900	.000	-4 00000	3 97140	.03679	01256	.34062	02926	00804	-.00003
.900	2.000	-4 00000	3 97273	.34752	.11826	.34003	.05492	.01244	.00545
.900	4 000	-4 00000	3.97320	67158	23562	35035	.07687	.01661	.00895
	GRADIENT	00000	- 00056	.15471	.05502	-.00222	.01193	00211	.00240

RUN NO   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	-4 00000	4 08862	-.91465	-.46697	.50941	-.08147	-.01140	-.01533
.975	-6 000	-4.00000	4 08121	-.71525	-.33748	.47241	-.05600	-.00681	-.01150
.975	-4 000	-4 00000	4.08183	-.49743	- 22287	44783	- 03100	-.00236	-.00731
.975	-2 000	-4 00000	4.08063	-.26340	-.11353	.43128	- 00706	.00197	-.00316
.975	000	-4.00000	4 08033	-.00753	- 00324	.42343	01725	.00644	.00074
.975	2 000	-4 00000	4 07966	.25649	10864	.42360	.04575	.01168	.00485
.975	4 000	-4 00000	4 08108	.51499	22362	43365	.07074	.01650	.00760
	GRADIENT	00000	-.00012	12724	05576	- 00180	.01282	.00237	.00189

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-4 00000	4 21029	-.63589	-.34137	.53526	-.05195	-.00637	- 00517
1 150	-4.000	-4 00000	4 21084	-.42519	- 21667	51051	-.02474	-.00135	-.00148
1 150	-2.000	-4.00000	4.21022	-.19738	- 09823	49691	.00505	.00419	00218
1.150	.000	-4.00000	4.20998	.03313	01630	.48978	.03520	.00983	.00512
1.150	2.000	-4.00000	4 21265	25042	12267	.48984	06170	.01468	00720
	GRADIENT	.00000	.00026	11287	05663	- 00346	01447	.00269	.00145

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ048)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4.000	ELV-LI = 8.000
ELV-LO	=	4.000	ELV-RI = 8.000
ELV-RO	=	4.000	

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	-4.00000	4 22252	-.81090	- 46986	.57820	- 07420	-.01075	-.00623
1.205	-6 000	-4 00000	4 22221	-.61294	- 33060	.53990	-.04643	- 00556	-.00345
1 205	-4 000	-4 00000	4 22179	-.39524	- 20418	.51647	-.01695	00008	-.00081
1.205	-2.000	-4.00000	4 22057	- 1 520	-.08819	.50342	01292	.00571	.00204
1.205	.000	-4 00000	4 21680	.03924	.01949	.49710	.04090	.01075	.00488
1 205	2 000	-4 00000	4 21707	.25640	.12768	.49799	.06548	01525	.00703
1 205	4.000	-4 00000	4.21563	.46077	.23278	50485	.08557	01895	.00872
	GRADIENT	00000		-.00079	10718	.05449	-.00143	.01288	.00236	.00120

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ049)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976 0000 IN XT	
LREF	=	1290 3000 INCHES	YMRP	=	0000 IN YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT	
SCALE	=	0100				

BETA	=	.000	ELV-LI = 8.000
ELV-LO	=	4 000	ELV-RI = 8.000
ELV-RO	=	4 000	

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8 000	.00000	3.97705	-1.07138	- 44999	.41910	-.06597	- 00903	-.01717
.900	-6 000	.00000	3.97404	-.85380	32533	.38130	-.03937	- 00435	- 01230
.900	-4 000	.00000	3 97155	-.59457	- 21083	35448	-.01482	00000	-.00710
.900	-2 000	00000	3 96882	-.30378	- 10260	33795	01276	00465	-.00131
.900	000	.00000	3 96849	03478	01146	33099	03982	00953	.00442
900	2 000	.00000	3 96845	37163	12312	33131	.06647	.01421	.00971
.900	4 000	.00000	3 97153	.66796	22903	34242	08638	01761	01317
	GRADIENT	00000		-.00002	.16002	.05527	- 00154	01281	.00224	.00258

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ049)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT			
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT			
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT			
SCALE	=	.0100						

BETA	=	.000	ELV-LI =	8.000
ELV-LO	=	4.000	ELV-RI =	8.000
ELV-RO	=	4.000		

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	.00000	4.08171	-.93302	-.47395	.50707	-.07534	-.01053	-.01412
.975	-6.000	.00000	4.08062	-.73816	-.34530	.46812	-.04794	-.00558	-.00972
.975	-4.000	.00000	4.07941	-.52024	-.22942	.44094	-.02080	-.00077	-.00488
.975	-2.000	.00000	4.07944	-.28799	-.12228	.42466	.00739	.00410	.00013
.975	.000	.00000	4.07951	-.03355	-.01401	.41658	.03657	.00948	.00439
.975	2.000	.00000	4.07962	.24493	.10201	.41649	.06498	.01491	.00815
.975	4.000	.00000	4.08338	.50416	.21440	.42487	.08913	.01944	.01123
	GRADIENT	.00000	.00041	.12909	.05560	-.00202	.01387	.00256	.00201

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	.00000	4.21215	-.65941	-.35171	.53198	-.04094	-.00455	-.00358
1.150	-4.000	.00000	4.21129	-.44204	-.22342	.50601	-.00738	.00172	-.00018
1.150	-2.000	.00000	4.21082	-.20659	-.10171	.49209	.02812	.00821	.00338
1.150	.000	.00000	4.21079	.01141	.00554	.48517	.05766	.01359	.00651
1.150	2.000	.00000	4.21055	.23551	.11368	.48269	.08315	.01809	.00917
	GRADIENT	.00000	-.00011	.11253	.05593	-.00384	.01506	.00272	.00156

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	.00000	4.22074	-.82478	-.47351	.57301	-.06335	-.00908	-.00561
1.205	-6.000	.00000	4.21905	-.63044	-.33728	.53547	-.03151	-.00299	-.00307
1.205	-4.000	.00000	4.21801	-.40885	-.20915	.51131	.00115	.00327	-.00088
1.205	-2.000	.00000	4.21847	-.18384	-.09138	.49741	.03378	.00912	.00229
1.205	.000	.00000	4.21985	.03253	.01593	.49090	.06338	.01432	.00580
1.205	2.000	.00000	4.22103	.24811	.12151	.48976	.08665	.01855	.00820
1.205	4.000	.00000	4.22001	.45248	.22443	.49569	.10678	.02231	.01008
	GRADIENT	.00000	.00033	.10773	.05400	-.00194	.01321	.00237	.00139

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ050)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	0100					

BETA   =   4.000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8 000	4.00000	3.97220	-1.04163	-.44152	.42297	-.06137	-.00826	-.01543
.900	-6 000	4 00000	3 97203	- 83430	-.32344	.38804	- 03501	-.00361	-.01004
.900	-4 000	4 00000	3 97259	- 58286	- 21187	.36327	-.00707	.00140	-.00421
900	-2.000	4.00000	3 97149	-.29883	-.10353	.34684	.02416	.00666	.00233
.900	000	4 00000	3 97275	.02461	.00826	.33911	05164	.01177	.00769
.900	2 000	4 00000	3 97240	.37851	12801	.33821	07715	01645	.01210
.900	4.000	4 00000	3 97360	.66182	.23146	34926	09445	.01892	.01516
GRADIENT		.00000	00015	.15834	05591	- 00183	01280	.00224	.00243

RUN NO   0/ 0   PN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	4 00000	4.07861	- 93694	- 47541	50640	-.06761	-.00935	-.01307
.975	-6 000	4.00000	4.07930	- 73867	-.34597	.46888	-.03650	- 00382	-.00771
.975	-4 000	4.00000	4.08100	-.51408	-.22785	.44292	-.00580	00165	-.00235
.975	-2.000	4 00000	4.08298	-.27379	- 11661	.42659	02417	00713	.00230
.975	000	4.00000	4.08184	- 01323	-.00570	.42090	05468	01301	.00666
.975	2 000	4 00300	4 09209	25412	10623	41808	08309	.01821	.01035
.975	4 000	4 00000	4 08241	52437	.22450	.42748	.11053	.02274	.01458
GRADIENT		.00000	.00010	13024	05638	- 00196	.01458	.00266	.00210

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	4.00000	4 21469	-.64468	- 34753	53743	- 02272	-.00134	-.00388
1 150	-4 000	4.00000	4 21505	-.43409	-.22119	.51036	01413	00543	- 00029
1.150	-2.000	4.00000	4.21410	-.21098	-.10444	.49450	04716	01139	.00334
1 150	000	4 00000	4 21235	02465	.01203	.48672	07609	01667	.00646
1.150	2 000	4.00000	4.21360	.24805	12013	.48428	10123	.02120	.00940
GRADIENT		.00000	-.00030	.11410	.05702	-.00430	.01451	.00263	.00161

LARC 8FT TPT '/49 (IA93) OTSATI30   (FJJ050)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
         1.205   -8.000   4.00000   4 22003   - 81593   -.47280   .57829   -.05239   -.00681   -.00865
         1.205   -6.000   4.00000   4 21765   - 62075   - 33518   54054   - 01594   -.00010   -.00570
         1 205   -4 000   4.00000   4.21576   - 40832   -.21048   51517   01875   .00619   -.00242
         1 205   -2.000   4.00000   4 21692   - 18814   -.09393   .49970   04826   .01160   .00096
         1 205   .000   4 00000   4 21657   .03303   .01621   .49235   07650   01673   .00422
         1.205   2.000   4 00000   4 21431   24872   .12204   49068   10179   02121   00733
         1.205   4 000   4 00000   4.21449   45887   .22832   49717   12514   .02521   .01025
                   GRADIENT   00000   - 00025   .10856   .05468   -.00225   01332   .00238   .00158

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ051)   (15 JUL 76)

PEFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   4.000
SCALE =   0100

                    RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5 00/ 5.00

         MACH   ALPHA   BETA   RN/L   L/DU   CLU   CDU   CNW   CBW   CTW
         .900   -8.000   6 00000   3 97384   -1.03660   - 43937   .42302   -.06114   -.00803   -.01475
          900   -6 000   6.00000   3.97414   -.83168   - 32404   .38993   - 03334   -.00323   -.00900
          900   -4.000   6.000^0   3.97522   -.58530   -.21479   .36683   - 00378   00198   -.00285
          900   -2 000   6 00000   3 97417   -.30000   - 10534   .35121   02715   00738   00356
          .900   .000   6 00000   3.97307   02091   .00715   .34310   05591   .01268   00906
          .900   2 000   6 00000   3 97500   .34785   .11940   .34338   08035   01700   .01336
          900   4 000   6 00000   3 97448   .64156   22670   .35311   09735   .01938   01587
                   GRADIENT   .00000   -.00003   15508   .05539   -.00176   01277   .00222   .00236

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ051)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT				BETA = 6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 4.000	
SCALE = .0100						

RUN NO   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	6.00000	4.07782	-.93742	-.47533	.50609	-.06429	-.00873	-.01211
.975	-6.000	6 00000	4 07862	-.73894	-.34690	.46993	-.03264	-.00314	-.00661
975	-4.000	6 00000	4.08073	-.51464	-.22889	44446	- 00040	.00264	-.00133
975	-2.000	6 00000	4 08108	- 26603	- 11377	.42812	03244	00871	.00342
.975	000	6.00000	4.08093	00407	00162	.42178	.06345	.01470	.00737
.975	2 000	6 00000	4 08186	26219	11021	.42034	.09209	01969	.01158
.975	4 000	6 00000	4 08164	.52741	.22670	42928	.11791	02393	.01562
	GRADIENT	00000	.00013	13062	05676	- 00191	.01481	00268	.00210

RUN NO   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	6 00000	4 21281	-.64289	- 34734	53880	- 01542	00006	- 00470
1.150	-4 000	6 00000	4 21289	-.43495	- 22247	.51222	.02205	00681	- 00103
1.150	-2 000	6 00000	4 21170	-.21206	- 10519	49549	05415	01265	.00252
1.150	000	6 00000	4.21154	.02364	01157	.48704	08329	.01787	.00584
1.150	2 000	6.00000	4 21229	25480	12375	48569	11089	.02268	.00917
	GRADIENT	00000	- 00010	.11525	05777	-.00440	.01478	.00264	.00169

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8.000	6 00000	4.21607	- 82079	-.47669	.57952	-.04814	- 00581	-.01021
1 205	-6.000	6 00000	4.21561	-.62309	-.33693	54130	- 01075	.00085	-.00697
1.205	-4.000	6 00000	4.21522	-.41603	- 21465	.51573	02430	00712	-.00354
1.205	-2 000	6 00000	4.21686	- 19843	- 09912	.49969	.05471	01261	- 00011
1.205	000	6.00000	4.21886	03171	01559	.49217	08351	01781	00335
1.205	2.000	6 00000	4 21832	25101	.12348	.49191	.10986	02237	.00676
1.205	4 000	6 00000	4 21745	46606	23206	49760	.13250	.02625	00967
	GRADIENT	.00000	00030	.11068	05580	- 00220	01358	00240	.00166

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ052)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	-6.000	ELV-LI	=	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	-5.000	ELV-RI	=	8.000
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	-5.000			
SCALE	=	.0100										

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6.00000	4.20945	-.66450	-.35807	.53733	-.06718	-.01060	-.00196
1.150	-4 000	-6 00000	4.20996	-.45070	-.23042	.51203	-.04104	- 00583	.00180
1 150	-2.000	-6.00000	4 21041	- 22864	-.11405	.49829	-.01348	-.00089	.00556
1 150	.000	-6.00000	4.21075	-.01077	-.00523	.49174	01348	.00416	.00823
1.150	2 000	-6 00000	4 20903	.22386	.11013	49195	.04224	.00955	.01040
	GRADIENT	00000		-.00012	.11208	.05652	-.00334	01384	.00256	00142

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	-6.00000	4 21809	- 84639	-.49258	.58071	-.08744	-.01467	- 00286
1 205	-6 000	-6.00000	4 21768	-.64766	-.35097	54253	-.06190	- 00987	00004
1.205	-4.000	-6.00000	4.21753	-.43262	-.22461	.51894	-.03481	-.00475	.00288
1.205	-2 000	-6 00000	4.21723	- 21200	-.10702	.50491	- 00674	00053	00560
1 205	000	-6 00000	4.21631	.00501	00248	49845	.02062	.00566	.00819
1.205	2.000	-6 00000	4.21571	.22248	.11116	.49967	.04639	.01057	.00988
1.205	4 000	-6.00000	4.21629	43537	.22034	.50585	.06730	.01467	.01073
	GRADIENT	00000		- 00020	10852	05540	-.00157	.01287	00244	.00100

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ053)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT		BETA	=	-4.000	ELV-LI	=	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	-5.000	ELV-RI	=	8.000
BREF	=	1290 3000 INCHES	ZMRP	=	400 0000 IN. ZT		ELV-RO	=	-5.000			
SCALE	=	0100										

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-4.00000	4 20962	-.67358	- 36192	53584	- 06115	-.00979	-.00132
1.150	-4.000	-4 00000	4 20975	- 45395	- 23435	.51028	-.03343	-.00469	00248
1.150	-2.000	-4.00000	4.21002	-.23592	- 11719	.49627	-.00438	00076	.00598
1.150.	.000	-4 00000	4.20969	-.01588	-.00771	.48880	.02484	.00626	.00864
1.150	2.000	-4.00000	4.20997	.21810	.10634	.48756	.05342	.01159	.01068
	GRADIENT	.00000		00002	.11271	.05658	-.00378	.01449	.00272	.00136

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ053)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI =	8.000
ELV-LO =	-5.000	ELV-RI =	8.000
ELV-RO =	-5.000		

RUN NO   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8 000	-4.00000	4.21523	- 84796	-.49197	.57902	- 08233	-.01396	-.00235
1.205	-6.000	-4 00000	4.21473	-.65432	- 35291	.53988	- 05517	- 00882	.00030
1.205	-4 000	-4 00000	4 21383	-.43883	- 22636	.51563	- 02661	-.00334	.00284
1 205	-2.000	-4 0C000	4 21350	- 21562	- 10810	50146	00377	.00239	00574
1.205	000	-4 00000	4 21281	00732	.00361	.49470	.03291	.00782	.00825
1.205	2 000	-4 00000	4 21293	.22442	.11106	.49485	05789	01262	.00979
1 205	4 000	-4.00000	4 21313	.43508	.21846	50178	0/897	01671	01076
	GRADIENT	00000	- 00010	10939	.05544	-.00172	01326	00252	.00099

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ054)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT
SCALE	=	.0100			

BETA	=	000	ELV-LI =	8 000
ELV-LO =	-5 000	ELV-RI =	8.000
ELV-RO =	-5.000		

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	.00000	4.21193	- 69725	-.37091	.53055	- 04954	-.00790	.00035
1.150	-4 000	00000	4 21038	-.48210	-.24275	50421	- 01514	- 00'57	.00400
1.150	-2 000	00000	4 20942	-.24858	- 12180	48955	01996	.00495	.00728
1.150	000	00000	4.20839	-.01955	-.00938-	48169	.05005	01070	.00968
1 150	2 000	00000	4 20996	.20532	.09842	.47938	.07647	01564	01172
	GRADIENT	00000	- 00011	.11456	.05680	- 00412	01525	00287	.00128

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	.00000	4.21275	- 85909	-.49410	.57394	-.07245	- 01240	- 00186
1 205	-6.000	.00000	4.21375	-.67386	-.36020	53523	-.04101	-.00634	00049
1 205	-4.000	.00000	4 21400	-.45520	-.23234	50993	-.00820	-.00001	.00267
1 205	-2.000	.00000	4 21484	- 21852	- 10802	49497	.02673	00634	.00592
1 205	000	00000	4 21611	-.00079	- 00046	48847	.05793	01190	.00887
1.205	2 000	00000	4 21547	21298	.10363	48675	.08131	01630	01079
1.205	4 000	00000	4 216 ;	42268	20835	49259	10316	02029	.01296
	GRADIENT	.00000	.00024	.10936	.05465	-.00214	.01387	00253	00127

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ055)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	BETA =	4.000	ELV-LI =	8 000
LREF	=	1290 3300 INCHES	YMRP	=	.0000 IN YT	ELV-LO =	-5 000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	-5.000		
SCALE	=	.0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 150	-6.000	4 00000	4.21044	-.68460	-.36802	.53624	-.03289	-.00484	-.00000
1 150	-4 000	4.00000	4 21000	-.47293	-.24029	.50862	.00526	.00219	.00348
1 150	-2 000	4 00000	4 21005	-.24504	-.12074	49260	.03990	.00864	.00659
1 150	.000	4 00000	4 21017	-.01769	-.00859	.48493	06783	01402	00884
1.150	2 000	4 09000	4 21000	21451	.10329	.48148	.09553	01897	01194
	GRADIENT	00000	00001	11448	05714	-.00446	.01494	.00279	.00138

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8 000	4 00000	4 21661	-.85526	-.49591	.57882	-.06213	-.01017	-.00510
1 205	-6.000	4.00000	4.21756	-.66206	-.35708	53981	-.02478	-.00321	-.00228
1 205	-4.000	4 00000	4 21950	-.44613	-.22930	51379	.01142	00346	00063
1 205	-2 000	4 00000	4 21866	-.22243	-.11071	.49806	04286	.00928	00375
1.205	.000	4 00000	4.21893	-.00006	-.00008	48988	.07214	.01459	.00715
1.205	2 000	4 00000	4.21866	.21721	.10590	.48751	.09790	.01914	.01015
1 205	4.000	4.00000	4 21827	43219	.21377	.49418	.12003	.02302	.01265
	GRADIENT	00000	-.00002	.10981	.05514	-.00249	.01361	.00245	.00152

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ056)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT	XMRP	=	976.0000 IN. XT	BETA =	6.000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	-5.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	-5.000		
SCALE	=	.0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	6.00000	4 21006	-.68532	-.36924	53750	-.02489	-.00336	-.00077
1.150	-4.000	6.00000	4 20980	-.47439	-.24205	51082	.01396	.00382	.00240
I.150	-2.000	6 00000	4 20991	-.24620	-.12173	.49406	04833	01021	.00553
1 150	.000	6.00000	4 21002	-.01532	-.00733	.48534	.07764	01560	.00857
1.150	2.000	6.00000	4.20930	.22151	.10711	.48358	.10547	.02054	.01157
	GRADIENT	.00000	00002	.11593	.05809	-.00452	.01519	.00278	.00153

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ056)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6 000	ELV-LI = 8.000
ELV-LO	=	-5.000	ELV-RI = 8.000
ELV-RO	=	-5 000	

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6 00000	4.21449	-.85995	-.49913	.57937	- 05764	-.00909	-.00655
1.205	-6 000	6 00000	4 21397	-.66404	-.35850	.54039	- 01888	- 00205	-.00369
1.205	-4.000	6.00000	4.21379	- 45153	-.23251	.51471	01809	.00461	-.00057
1.205	-2 000	6.00000	4 21396	- 23117	- 11519	.49840	04926	.01034	.00257
1.205	000	6 00000	4.21408	- 00518	- 00256	.48994	07782	.01554	.00588
1.205	2 000	6 00000	4.21402	22125	10823	48914	10519	.02026	.00939
1.205	4 000	6 00000	4 21380	43896	21741	49498	12769	.02409	01228
	GRADIENT	00000	00000	11167	05616	-.00244	.01376	00244	.00163

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ057)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT	
SCALE	=	.0100				

BETA	=	-6.000	ELV-LI = 8.000
ELV-LO	=	9.000	ELV-RI = 8.000
ELV-RO	=	9 000	

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	-6 00000	3 21962	-1 09149	- 38726	.35399	-.07120	-.00670	-.02389
.600	-6 000	-6 00000	3 22277	- 85349	- 27968	.32782	-.04753	- 00253	-.01973
.600	-4.000	-6.00000	3 22657	- 59253	-.18385	31005	-.02613	00126	- 01535
600	-2.000	-6 00000	3 22877	- 28713	- 08550	29776	-.00445	.00504	-.01102
.600	.000	-6 00000	3.23286	05900	.01713	.29027	.01740	.00884	-.00634
.600	2 000	-6 00000	3.23579	40270	.11638	.28880	.04065	.01302	-.00154
.600	4.000	-6 00000	3 23613	.76011	.22196	.29174	.06135	.01698	.00242
	GRADIENT	00000	00131	16976	05067	-.00228	01100	.00197	.00225

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ057)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA   =   -6.000   ELV-LI =   8.000
ELV-LO =   9 000   ELV-RI =   8.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8.000	-6.00000	3 97224	-.98622	- 42225	.42706	-.05420	-.00645	-.01952
.900	-6 000	-6 00000	3.97345	-.77951	-.30733	.39478	- 03345	- 00266	-.01557
900	-4.000	-6.00000	3.97288	-.53234	- 19840	37229	- 01297	.00118	-.01161
900	-2.000	-6.00000	3.97238	- 23073	- 08242	.35768	.00766	.00503	-.00777
.900	.000	-6 00000	3.97158	08805	03081	35084	.03140	00941	- 00332
.900	2.000	-6 00000	3 97162	41721	.14623	.35060	.05707	.01411	.00142
.900	4.000	-6 00000	3.97120	70812	25529	.36010	.07963	01841	.00468
GRADIENT		00000	-.00021	.15644	.05680	-.00157	01173	.00218	.00209

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-6.00000	4.08993	- 87930	-.44941	50988	-.07535	-.00957	-.01812
.975	-6.000	-6 00000	4.09050	-.67648	- 32031	.47415	- 05086	-.00500	-.01462
.975	-4.000	-6.00000	4.09155	-.45602	- 20554	.45036	- 02699	-.00059	-.01084
.975	-2.000	-6.00000	4.09119	-.21181	- 09217	.43562	-.00230	00373	-.00642
.975	.000	-6.00000	4.09127	.05085	02179	.43007	02281	00821	-.00228
.975	2.000	-6 00300	4 08965	.30510	.13127	43029	.04845	01293	.00105
.975	4 000	-6.00000	4 08980	.55562	24497	.44038	.07229	01760	.00354
GRADIENT		00000	- 00025	.12701	05622	-.00126	01247	.00228	00181

RUN NO.   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6 00000	4.19258	- 59754	-.32330	53936	- 05209	- 00526	-.00844
1 150	-4.000	-6 00000	4 19205	-.38658	-.19885	.51536	-.02610	-.00046	-.00484
1.150	-2.000	-6.00000	4.19159	-.16550	-.08332	.50255	.00191	00463	- 00114
1.150	.000	-6.00000	4.18993	.05656	.02816	49666	.02968	.00980	00171
1 150	2 000	-6.00000	4.18962	27854	.13874	.49808	.05581	.01469	00376
GRADIENT		.00000	- 00045	.11087	.05621	- 00289	.01367	.00253	00143

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ057)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6.00000	4.21525	- 78694	-.45891	.58185	- 07239	-.00963	-.00885
1.205	-6.000	-6 00000	4 21554	-.58541	-.31858	.54480	-.04683	-.00473	-.00618
1 205	-4 000	-6 00000	4.21590	-.37263	-.19473	.52248	-.01953	.00052	-.00349
1 205	-2.000	-6.00000	4 21545	- 15482	-.07899	.51014	.00921	.00587	-.00061
1.205	.000	-6 00000	4.21462	.06495	03277	50451	03737	01098	.00244
1 205	2.000	-6.00000	4.21516	27787	.14064	.50617	06170	01551	.00432
1.205	4 000	-6.00000	4 21645	.47842	24506	51202	08250	.01935	.00591
	GRADIENT	00000	.00004	.10674	05496	-.00124	01283	.00237	.00119

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ058)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	-4.00000	3.16788	-1 08025	-.38494	.35560	-.07744	-.00703	-.02585
600	-6.000	-4 00000	3 17403	-.84954	- 27924	.32877	- 05393	-.00285	-.02166
600	-4.000	-4.00000	3.18127	- 59146	-.18380	.31044	-.03151	.00109	-.01710
600	-2.000	-4.00000	3.18966	-.29746	-.08892	.29895	- 00662	.00515	- 01180
600	.000	-4.00000	3 20145	03036	00888	.29169	01727	.00923	-.00692
600	2.000	-4.00000	3.20410	38230	11034	28835	.04154	01356	-.00210
.600	4 000	-4 00000	3.20821	74394	.21748	.29195	06482	01794	.00238
	GRADIENT	00000	.00342	.16753	05009	- 00238	01204	.00211	.00243

LARC 8FT TPT '749 (IA93) OTSATI30   (FUJ058) ' (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	-4 00000	3.97223	-1.00073	-.42860	.42734	-.05486	-.00635	-.01985
.900	-6 000	-4.00000	3.97192	-.79238	- 31132	39329	-.03377	-.00250	-.01578
.900	-4.000	-4 00000	3 97060	-.53916	-.19909	.36902	- 01312	.00137	-.01169
.900	-2 000	-4 00000	3 96961	-.24025	- 08477	.35326	00964	.00541	-.00708
.900	000	-4 00000	3.97085	.09163	03162	.34643	.03718	01040	-.00231
900	2.000	-4 00000	3.96989	.43785	.15115	34523	.06375	.01554	.00215
.900	4.000	-4 00000	3.97243	73171	.26128	35661	.08761	.02002	.00551
	GRADIENT	.00000	00020	16099	.05783	- 00164	01278	.00237	.00218

RUN NO   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8 000	-4.00000	4.08725	-.88030	- 45112	51133	- 07202	-.00899	-.01777
975	-6 000	-4.00000	4.09020	-.67927	- 32191	.47445	- 04671	- 00434	-.01408
975	-4.000	-4 00000	4 09444	-.45998	- 20682	.44940	- 02226	00015	-.01017
.975	-2.000	-4 00000	4.09539	-.22730	-.09852	.43393	.00288	00457	-.00552
.975	.000	-4 00000	4 09839	02883	01224	.42759	02910	.00929	-.00105
.975	2.000	-4 00000	4.09924	29252	.12476	42652	05510	.01433	.00206
.975	4 000	-4.00000	4.10258	.55152	24132	.43697	.08268	.01939	.00507
	GRADIENT	00000	.00101	.12714	.05598	- 00161	.01310	00241	.00190

RUN NO.   0/ 0   RN/L = 4 19   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-4 00000	4.19896	-.60402	-.32617	.53829	-.04516	-.00431	-.00766
1 150	-4 000	-4.00000	4.19811	- 39063	-.20035	.51389	- 01699	.00093	-.00398
1.150	-2 000	-4 00000	4 19692	- 16998	- 08525	.50072	01265	.00647	-.00045
1.150	.000	-4.00000	4.19613	.04924	.02439	49405	04124	.01184	.00238
1.150	2.000	-4.00000	4.19640	.27206	.13451	.49436	06723	01664	.00448
	GRADIENT	.00000	-.00030	.11036	.05571	-.00326	.01406	00263	.00141

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ058)   (15 JUL 76)

REFERENCE DATA					PARAMETRIC DATA			

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-4.00000	4.21378	-.78558	-.45746	.58114	-.06673	-.00887	-.00838
1.205	-6.000	-4.00000	4.21437	-.58891	-.31969	.54335	-.03936	-.00360	-.00580
1.205	-4.000	-4.00000	4.21414	-.37401	-.19451	.52001	-.00993	.00214	-.00324
1.205	-2.000	-4.00000	4.21395	-.15390	-.07809	.50737	.02042	.00781	-.00037
1.205	.000	-4.00000	4.21496	.06355	.03185	.50125	.04875	.01292	.00257
1.205	2.000	-4.00000	4.21421	.27762	.13943	.50220	.07431	.01744	.00503
1.205	4.000	-4.00000	4.21653	.47948	.24390	.50843	.09442	.02119	.00659
	GRADIENT	.00000	.00025	.10692	.05472	-.00142	.01313	.00239	.00125

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ059)   (15 JUL 76)

REFERENCE DATA					PARAMETRIC DATA			

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8.000	.00000	3.18156	-1.11371	-.39291	.35207	-.07350	-.00697	-.02376
.600	-6.000	.00000	3.17716	-.88201	-.28531	.32362	-.05056	-.00281	-.01949
.600	-4.000	.00000	3.17462	-.61297	-.18655	.30420	-.02842	.00128	-.01507
.600	-2.000	.00000	3.17177	-.31246	-.09153	.29285	-.00422	.00549	-.01023
.600	.000	.00000	3.16925	.02365	.00680	.28588	.01886	.00970	-.00546
.600	2.000	.00000	3.16807	.38893	.11017	.28296	.04093	.01404	-.00120
.600	4.000	.00000	3.17033	.74452	.21304	.28559	.06666	.01872	.00377
	GRADIENT	.00000	-.00061	.17092	.05004	-.00236	.01177	.00217	.00234

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ059)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	00000	3.97349	-1.03691	- 43876	.42271	-.06134	-.00726	-.01952
.900	-6.000	.00000	3 97530	-.81948	-.31542	.38471	- 03569	- 00280	-.01457
.900	-4.000	.00000	3 97340	-.55126	- 19652	.35682	-.00972	00169	- 00898
.900	-2.000	00000	3.97309	-.27666	- 09442	.34085	.01673	.00612	-.00313
900	.000	00000	3 97229	08640	02897	.33546	.04783	.01195	00177
900	2.000	00000	3 97259	.44178	.14933	33805	.07805	.01773	00597
.900	4 000	00000	3.97022	.74819	26171	.34940	.10334	.02197	01033
	GRADIENT	.00000	-.00034	.16587	.05801	-.00088	.01437	.00261	.00239

RUN NO.   0/ 0   RN/L =- 4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-9 000	.00000	4 07629	-.89654	-.45795	.50969	-.06754	-.00809	-.01739
975	-6.000	.00000	4 07676	- 70486	-.33212	.47163	-.03970	- 00313	-.01292
.975	-4 000	00000	4 07709	-.48471	-.21524	44378	-.01123	00184	-.00788
975	-2 000	00000	4.07694	-.24212	-.10333	.42713	.01821	00693	-.00259
.975	.000	.00000	4.07632	.00447	.00182	.41997	04700	.01230	00174
.975	2.000	.00000	4 0/718	.27701	11626	41972	.07434	.01761	.00552
.975	4 000	00000	4 07831	54025	23150	42811	.09889	02204	.00866
	GRADIENT	00000	.00013	.12845	.05565	-.00194	.01382	.00255	.00206

RUN NO.   0/ 0   RN.L = 4.19   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	.00000	4 20542	-.63162	- 33890	.53496	-.03351	-.00235	-.00637
1 150	-4 000	.00000	4 20730	-.41348	-.21027	50933	00052	.00398	-.00277
1.150	-2 000	.00000	4 20771	- 18284	-.09076	49593	.03474	.01028	00077
1.150	.000	.00000	4 20766	.03410	.01670	.48899	.06433	.01567	00367
1 150	2.000	00000	4 20725	.25726	.12526	48688	.09040	.02026	.00644
	GRADIENT	00000	-.00001	11146	.05570	- 00371	.01496	.00271	00153

LARC 8FT TPT /49 (IA93) OTSAT130   (FJJ059) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT. XMRP = 976.0000 IN. XT   BETA = .000 ELV-LI = 8.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = 9.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 9.000
SCALE = .0100

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1 205	-8.000	.00000	4.21594	-.80073	-.46193	.57568	-.05644	-.00711	-.00813
1.205	-6.000	.00000	4.21662	-.60643	-.32633	.53867	-.02377	-.00089	-.00546
1 205	-4.000	.00000	4.21801	- 38351	-.19757	61472	01000	.00551	-.00296
1.205	-2.000	.00000	4 21946	-.15692	- 07850	.50103	04194	01129	.00009
1.205	.000	.00000	4.21911	05386	.02661	.49544	07144	.01651	00340
1.205	2 000	.00000	4 21568	26038	.12852	.49359	.09532	.02074	.00608
1 205	4 000	00000	4 21839	47049	.23509	49928	.11652	02459	.00829
	GRADIENT	00000	-.00015	.10626	05362	-.00192	.01332	.00238	.00143

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ061) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT. XMRP = 976 0000 IN. XT   BETA = 4.000 ELV-LI = 8.000
LREF = 1290 3000 INCHES YMRP = 0000 IN YT   ELV-LO = 9.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 9 000
SCALE = .0100

RUN NO. 0/ 0 RN/L = 3 24 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
600	-8.000	4 00000	3.25513	-1 11418	-.39576	.35453	-.06919	- 00703	-.02118
600	-6.000	4 00000	3.25621	- 88797	-.29069	.32756	-.04380	-.00248	-.01628
.600	-4 000	4 00000	3.25889	-.63219	-.19499	.30825	- 02018	.00177	-.01171
600	-2.000	4.00000	3.26067	-.32366	-.09565	.29550	00664	.00652	-.00611
600	.000	4 00000	3 26139	.03868	01117	28799	03277	01137	-.00105
600	2 000	4 00000	3 26182	38498	.10981	.28525	.05834	.01598	00401
.600	4 000	4 00000	3 20841	76870	22189	28852	.07938	02064	.00743
	GRADIENT	.00000	- 00499	.17552	.05196	- 00249	01254	.00236	00242

LARC 8FT TPT 749 (IA93) OTSAT130   (FJJ061)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA = 4.000	ELV-LI = 8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO = 9.000	ELV-RI = 8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO = 9.000	
SCALE =	.0100				

RUN NO. 0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
900	-8.000	4.00000	3.97051	-1.00997	-.43072	.42574	-.05659	-.00654	-.01748
900	-6.000	4.00000	3.97175	-.79836	-.31207	.39122	-.02998	-.00196	-.01173
900	-4.000	4.00000	3.97213	-.53426	-.19520	.36519	.00051	.00340	-.00558
.900	-2.000	4.00000	3.97282	-.24807	-.08660	.34965	.03076	.00877	.00027
900	.000	4.00000	3.97564	.08011	.02743	.34360	.06179	.01460	.00488
900	2.000	4.00000	3.97409	.43625	.14980	.34344	.09096	.02017	.00892
.900	4.000	4.00000	3.97440	.72948	.26000	.35588	.11139	.02313	.01236
GRADIENT		.00000	.00029	.16059	.05734	-.00124	.01410	.00254	.00223

RUN NO. 0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	4.00000	4.08091	-.89463	-.45660	.50915	-.05818	-.00663	-.01585
.975	-6.000	4.00000	4.08167	-.70057	-.33058	.47249	-.02809	-.00124	-.01073
.975	-4.000	4.00000	4.08203	-.47801	-.21370	.44651	.00294	.00427	-.00536
.975	-2.000	4.00000	4.08133	-.23006	-.09870	.42989	.03507	.01006	-.00031
.975	.000	4.00000	4.08313	.02952	.01240	.42412	.06496	.01583	.00388
975	2.000	4.00000	4.08355	.29126	.12307	.42259	.09299	.02069	.00820
.975	4.000	4.00000	4.08328	.54781	.23719	.43241	.11852	.02524	.01146
GRADIENT		.00000	.00024	.12865	.05618	-.00177	.01445	.00263	.00211

RUN NO. 0/ 0   RN/L = 4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	4.00000	4.17702	-.61511	-.33244	.53891	-.01753	.00072	-.00698
1.150	-4.000	4.00000	4.17625	-.40008	-.20475	.51251	.01986	.00753	-.00326
1.150	-2.000	4.00000	4.17608	-.17262	-.08594	.49755	.05272	.01351	.00039
1.150	.000	4.00000	4.17507	.05063	.02485	.49046	.08157	.01870	.00352
1.150	2.000	4.00000	4.17512	.27645	.13496	.48818	.10634	.02319	.00640
GRADIENT		.00000	-.00022	.11264	.05650	-.00400	.01441	.00261	.00161

LARC 8FT TPT /49 (IA93) OTSATI30   (FJJ061)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9.000			

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	4.00000	4.21678	-.79615	-.46299	.58037	-.04667	-.00503	- 01140
1.205	-6.000	4.00000	4.21690	-.60222	-.32660	54285	-.01012	.00159	-.00806
1.205	-4.000	4.00000	4 21639	-.38648	-.20025	.51779	.02540	00805	-.00468
1 205	-2.000	4.00000	4 21645	-.16304	-.08193	50296	.05658	.01374	-.00128
1.205	.000	4 00000	4.21736	05553	.02749	.49583	08548	.01883	.00258
1.205	2.000	4 00000	4 21663	.27176	.13431	.49425	.10950	.02322	.00562
1.205	4 000	4 00000	4.21774	.48046	24086	.50090	.13180	.02702	.00835
	GRADIENT	00000	00014	10843	-05492	- 00212	01329	00237	.00165

LARC 8FT TPT 749 (IA93) OTSATI30   (FJJ062)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.600	-8 000	6.00000	3.16800	-1 10215	-.38859	.35187	-.08160	-.00764	-.02436
.600	-6 000	6 00000	3.16472	-.87423	-.28429	.32534	-.05670	-.00310	-.01961
.600	-4 000	6.00000	3 15983	- 60898	-.18719	.30714	-.03141	.00140	-.01467
600	-2 000	6.00000	3.15519	- 08592	-.08592	.29927	- 00611	.00608	-.00956
.600	000	6.00000	3.15248	06170	.01776	28760	01716	01080	-.00514
.600	2 000	6.00000	3.18658	41712	.11948	.28644	04539	.01588	.00060
.600	4.000	6 00000	3.18239	.77653	.22478	.28914	.07233	.02087	.00549
	GRADIENT	00000	00383	.17400	.05147	- 00219	01295	00244	.00252

LARC RFT TPT /49 (IA93) OTSAT130   (FJJ062)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	8.000
ELV-RI =	8.000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.900	-8.000	6.00000	3 97030	-1.00363	-.42794	.42538	-.05527	-.00625	-.01655
.900	-6.000	6 00000	3 97036	-.79648	- 31189	.39202	-.02805	-.00157	-.01052
.900	-4 000	6.00000	3 97104	-.55091	- 20358	.36928	.00170	.00375	-.00475
900	-2 000	6 00000	3 97106	-.26168	-.09268	.35423	03291	.00943	.00081
.900	.000	6 00000	3 97183	07380	02558	.34722	.06598	.01560	.00583
.900	2.000	6 00000	3 97252	.41655	14497	.34810	.09539	.02095	.01025
900	4.000	6 00000	3.97345	.70516	25312	.35855	11428	.02360	.01328
	GRADIENT	00000	00031	15952	05755	-.00138	01438	.00256	.00228

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
975	-8.000	6 00000	4.08032	- 89880	-.45824	.50873	-.05541	- 00611	-.01513
.975	-6 000	6.00000	4.08070	-.69863	-.33000	.47286	-.02348	-.00046	-.00971
.975	-4.000	6 00000	4.08091	-.47458	- 21257	44755	.00958	.00541	-.0043c
.975	-2 000	6 00000	4.08107	-.22872	- 09853	.43129	.04228	01147	.00044
.975	000	6 00000	4.08301	.03711	.01566	42454	.07216	.01715	00469
.975	2 000	6 00300	4.08408	30079	12747	.42380	.10134	02206	.00941
.975	4.000	6 00000	4.08399	55981	.24310	.43369	.12798	.02665	.01275
	GRADIENT	.00000	.00046	12991	.05687	-.00176	.01479	.00265	00216

RUN NO   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	6.00000	4.16813	-.61494	-.33293	.53983	-.01085	.00197	-.00779
1.150	-4.000	6 00000	4 16757	-.40321	-.20691	51395	.02705	.00878	-.00409
1 150	-2.000	6 00000	4.16707	- 17801	-.08879	49920	.06000	.01473	-.00045
1.150	.000	6.00000	4.16698	.05429	.02667	.49039	.08927	.01996	.00309
1 150	2 000	6 00000	4.16791	.28312	.13851	.48920	.11542	.02455	.00629
	GRADIENT	00000	00005	.11456	05759	- 00410	.01472	.00263	.00173

LARC 8FT TPT '749 (IA93) OTSAT130   (FJJ062)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	6.00000	4 21670	-.79947	- 46520	.58073	-.04190	-.00405	-.01256
1.205	-6.000	6 00000	4 21629	-.60171	-.32649	.54313	-.00415	.00261	-.00906
1 205	-4.000	6 00000	4 21553	-.39091	-.20262	.51813	.03161	.00905	-.00565
1 205	-2.000	6 00000	4 21520	-.17073	-.08579	.50257	.06244	.01463	- 00219
1 205	.000	6.00000	4 21489	05841	02892	.49525	.09210	.01987	.00184
1.205	2 000	6 00000	4 21524	27506	13624	49529	11719	02428	00513
1.205	4 000	6.00000	4 21586	.48740	.24447	50127	13910	02799	00791
	GRADIENT	00000	'00003	.11012	.05581	-.00205	01349	.00238	00172

LARC 8FT TPT 749 (IA93) OTSAT130+TS1   (FJJ063)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	-6.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN YT		ELV-LO =	9.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9 000
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-6.00000	4.08187	- 85795	- 43781	.50883	- 05919	- 00829	-.01486
975	-6.000	-6.00000	4.08153	-.66384	-.31378	.47346	-.03556	-.00384	-.01150
975	-4.000	-6 00000	4.08057	-.44585	-.20052	.44907	-.01170	.00057	-.00759
.975	-2.000	-6 00000	4 08110	- 19218	-.08326	.43419	.01414	.00508	- 00298
975	000	-6 00000	4 08627	06303	02703	42951	03865	00948	00098
975	2.000	-6.90000	4 08876	.32790	14140	43116	.06508	.01437	.00458
.975	4 000	-6 00000	4.08964	56373	.24949	.44208	.08838	.01880	.00733
	GRADIENT	00000	00129	.12696	.05623	-.00085	.01256	00229	.00187

PUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6 000	-6 00000	4 20906	-.58158	-.31425	.53863	-.03633	-.00402	- 00541
1.150	-4 000	-6 00000	4.20915	-.36813	-.18916	.51491	-.00973	.00084	- 00180
1.150	-2 000	-6 00000	4 20924	-.14246	-.07174	50268	.01904	.00597	00208
1 150	000	-6.00000	4 20879	.08074	.04022	.49706	04698	01119	.00507
1.150	2 000	-6.00000	4.20991	.29669	.14783	.49813	.07286	01599	.00716
	GPADIENT	00000	.00009	11088	.05615	-.00280	01378	.00253	.00149

LARC 8FT TPT '/49 (IA93) OTSAT130+TS1   (FJJ063) '(15 JUL 76) .

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA = -6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO = 9 000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100				

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6.00000	4.21524	-.77616	- 45159	.58057	-.05759	-.00844	-.00624
1 205	-6.000	-6.00000	4.21368	-.57114	-.31047	.54419	-.03266	-.00358	-.00365
1.205	-4.000	-6 00000	4.21301	-.35606	-.18586	.52191	- 00537	.00163	-.00085
1.205	-2.000	-6 00000	4 21319	-.13757	-.07013	.50978	.02361	.00694	.00219
1 205	.000	-6.00000	4 21366	08328	04203	.50467	.05135	01204	.00514
1 205	2.000	-6 00000	4 21259	.29247	14804	.50610	.07431	.01643	.00707
1.205	4.000	-6.00000	4 21304	49331	25270	.51197	.09510	02022	.00883
	GRADIENT	00000	- 00003	.10644	.05476	-.00118	01258	.00233	.00121

LARC 8FT TPT 749 (IA93) OTSAT130+TS1   (FJJ064) (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976 0000 IN XT	BETA = .000	ELV-LI = 10.000
LREF, = 1290 3000 INCHES	YMRP =	0000 IN. YT	ELV-LO = 9 000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO = 9 000	
SCALE = .0100				

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	.00000	4.08865	-.88504	-.45060	50790	-.05027	-.00682	-.01347
.975	-6.000	.00000	4 08385	-.69040	-.32401	.46978	-.02318	-.00'93	-.00918
.975	-4.000	000^3	4 07944	-.46839	- 20763	.44303	.00480	00301	-.00421
.975	-2.000	00000	4 07770	-.22277	-.09500	.42673	.03409	.00817	.00115
.975	000	00000	4.07702	.02900	01213	.41974	.06203	.01341	.00575
.975	2.000	.00000	4.07594	.29869	.12543	41998	.08856	.01858	.00924
.975	4.000	.00000	4 07860	.55820	23944	.42856	.11557	.02330	.01238
	GRADIENT	.00000	-.00017	.12873	.05573	-.00178	.01380	.00255	.00206

PUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	.00000	4.21424	-.61509	-.33021	.53522	-.01711	-.00109	-.00341
1.150	-4.000	.00000	4 21279	-.39540	-.20131	.50993	.01678	.00526	.00012
1.150	-2.000	.00000	4.21116	-.16354	-.08126	.49637	.05132	.01158	.00354
1.150	.000	.00000	4.20983	05820	02852	.48957	.08101	.01700	00663
1.150	2.000	00000	4.21053	28119	.13711	48760	.10705	.02156	.00953
	GRADIENT	.00000	-.00041	.11258	.05625	-.00369	.01502	.00272	.00157

LARC 8FT TPT /49 (IA93) OTSAT130+TS1 (FJJ064) (15 JUL 76)

REFERENCE DATA PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT BETA = .000 ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT ELV-LO = 9.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT ELV-RO = 9.000
SCALE = .0100

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	00000	4.22295	-.79018	- 45599	.57600	-.04234	-.00608	-.00561
1.205	-6.000	00000	4.21923	-.59190	-.31902	53936	-.01021	.00007	-.00304
1.205	-4.000	.00000	4 21513	-.36807	-.18981	.51551	.02402	.00653	-.00041
1 205	-2 000	00000	4.21580	-.14374	-.07211	.50203	05629	.01233	.00288
1 205	000	00000	4 21753	07265	.03598	.49589	.08590	.01759	00610
1 205	2 000	00000	4 22018	27860	.13771	49430	.11001	02179	00911
1 205	4.000	00000	4 22265	48722	24379	.49999	13093	02555	.01133
	GRADIENT	00000	.00097	10665	05385	-.00194	.01338	00237	.00148

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES (FJJ065) (15 JUL 76)

REFERENCE DATA PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT BETA = -6 000 ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP = .0000 IN YT ELV-LO = 9.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400 0000 IN. ZT ELV-RO = 9.000
SCALE = 0100

RUN NO. 0/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	-6.00000	4 08031	-.85794	-.43768	50879	-.05923	-.00830	- 01484
975	-6.000	-6 00000	4 08162	-.65928	-.31192	.47380	-.03438	-.00370	-.01126
.975	-4 000	-6 00000	4 08147	- 44118	- 19856	.44961	-.00974	.00076	-.00718
975	-2 000	-6 00000	4.08084	- 19031	- 08263	.43492	01567	00521	-.00258
975	000	-6.00000	4.08113	.07440	03198	.43005	.04072	.00973	.00142
.975	2.000	-6 00000	4.08055	.33249	14366	43199	.06572	01448	00478
.975	4.000	-6 00000	4 07908	.57595	.25459	.44161	09003	.01907	00766
	GRADIENT	00000	- 00025	.12785	.05663	-.00095	.01248	.00229	.00185

PUN NO. 0/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	-6 00000	4.20932	-.57769	-.31243	53904	- 03576	-.00393	- 00522
1.150	-4.000	-6.00000	4 20865	-.36609	-.18825	.51540	-.00951	.00090	-.00168
1.150	-2 000	-6.00000	4.20839	-.14538	- 07331	50308	.01952	.00607	.00219
1.150	000	-6 00000	4.20706	07905	.03939	.49711	.04725	.01124	.00511
1.150	2.000	-6 00000	4 20411	29570	.14743	.49852	.07224	.01592	.00723
	GPADIENT	00000	-.00075	.11049	05599	-.00283	.01365	.00251	.00148

LARC 8FT TPT 749 (IA93) OTSAT130+TSI-BASE TUBES   (FJJ065)   (15 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	-6.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	9.000		
SCALE	=	.0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	-6 00000	4.21565	-.77176	-.44942	.58093	-.05693	-.00835	-.00594
1 205	-6.000	-6.00000	4.21529	-.56792	-.30889	.54468	-.03167	-.00347	-.00329
1.205	-4 000	-6 00000	4 21391	-.35006	-.18302	.52254	-.00391	.00184	-.00051
1 205	-2.000	-6.00000	4.21359	-.12807	-.06528	.50994	.02521	.00720	.00250
1 205	000	-6 00000	4 21607	.08507	.04297	.50510	05155	01207	.00526
1.205	2.000	-6 00000	4.21568	.29329	14880	50728	07474	01652	.00703
1 205	4 000	-6 00000	4.21533	.49468	.25380	.51283	.09671	.02034	.00885
	GRADIENT	.00000	.00025	.10554	05439	-.00110	.01244	00232	.00116

LARC 8FT TPT 749 (IA93) OTSAT130+TSI-BASE TUBES   (FJJ066)   (15 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	ELV-RO =	9 000		
SCALE	=	.0100							

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
.975	-8.000	.00000	4 08269	-.88493	-.45078	.50837	- 04946	-.00677	-.01308
.975	-6.000	00000	4 08031	- 68662	- 32233	.46978	-.02185	-.00179	-.00882
.975	-4.000	.00000	4 07737	-.46635	- 20634	44232	.00519	.00308	- 00417
.975	-2.000	00000	4 07634	-.22809	-.09720	.42631	.03381	.00808	.00110
.975	.000	00000	4.07659	.03410	.01425	.41953	06326	.01356	.00601
.975	2 000	.00000	4.07508	30308	12722	.41978	08959	.01869	00942
.975	4.000	.00000	4 07636	56403	.24212	42887	11680	.02344	01261
	GRADIENT	00000	- 00016	12960	05607	- 00167	01395	.00257	.00209

RUN NO   0/ 0   RN/L =   4.20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.150	-6.000	00000	4 21984	-.61340	- 32962	.53586	-.01753	-.00112	-.00342
1.150	-4 000	00000	4.21548	-.39282	-.20029	51063	01702	00529	.00022
1.150	-2.000	.00000	4.21217	-.15756	- 07841	.49709	.05252	.01174	.00388
1.150	000	.00000	4 20965	.06056	02971	49016	08140	.01701	00680
1.150	2.000	00000	4.20924	.28432	.13893	.48866	.10714	.02162	00949
	GRADIENT	00000	- 00121	11248	05629	-.00364	.01496	.00271	.00154

LARC 8FT TPT /49 (IA93) OTSATI30+TSI-BASE TUBES   (FJJ066)   (15 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   .000 ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000 ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
1.205	-8.000	.00000	4.22276	-.78591	- 45374	.57619	-.04038	-.00587	-.00523
1.205	-6 000	00000	4.22021	-.58774	-.31684	.53958	- 00872	.00027	-.00282
1.205	-4.000	00000	4 21756	-.36507	- 18851	51609	.02475	00664	- 00025
1.205	-2.000	00000	4 21716	- 14091	- 07069	50254	.05727	.01243	00310
1 205	000	.00000	4 21795	07575	.03758	49682	08644	.01767	.00622
1 205	2 000	.00000	4.21904	28157	.13968	.49607	11016	02185	.00916
1 205	4.000	00000	4 22210	48470	24357	.50216	.13094	02562	.01140
	GRADIENT	00000	00055	10610	05373	-.00172	01326	00237	.00147

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (FJJ067)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN XT   BETA   =   -6.000 ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   9 000 ELV-RI =   10 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   9 000
SCALE =   .0100

RN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8 000	-6 00000	4.82713	-.86413	- 44055	50854	-.06720	- 00878	-.01769
-6 000	-6 00000	4 82953	-.66775	-.31575	47364	-.04326	-.00428	-.01425
-4 000	-6 00000	4 83085	- 45083	-.20306	44990	-.01890	00015	-.01023
-2 000	-6 00000	4.82906	- 20419	- 08859	.43474	.00643	00457	-.00567
000	-6.00000	4.82939	05787	02487	.42985	.03148	.00905	-.00150
2 000	-6 00000	4 82941	31029	13392	43147	.05637	.01370	.00192
4.000	-6 00000	4.82849	.56387	.24918	44124	.08104	01831	.00487
GRADIENT	.00000	- 00022	12719	.05635	- 00103	.01249	.00227	00188

LARC 8FT TPT /49 (IA93) OTSAT130+TS2   (FJJ068)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RN/L = 4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	.00000	4 80881	-.88846	-.45331	50925	-.05879	-.00736	-.01622
-6.000	.00000	4 80915	- 69643	- 32773	.47099	- 03208	- 00247	-.01219
-4.000	00000	4 80903	- 47500	- 21089	.44372	-.00243	.00243	-.00742
-2.000	00000	4 80794	-.23459	- 10021	42748	.02509	.00754	-.00193
000	00000	4 80720	.01519	.00633	42056	05313	01284	00258
2.000	.00000	4 80883	.28371	.11950	.42125	.08057	01795	00664
4.000	.00000	4.80934	54087	23303	.43032	10626	02257	00958
GRADIENT	00000	00008	.12750	05538	- 00165	.01385	00253	.00213

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (FJJ069)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN ZT   ELV-RO =   9.000
SCALE =   0100

RN/L = 4 81   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	6 00000	4 15300	-.88142	-.45093	.51044	-.05131	-.00560	-.01609
-6.000	6.00000	4.15736	-.68348	-.32373	.47421	- 01959	- 00003	-.01058
-4.000	6.00000	4.16024	- 45818	- 20594	.44914	.01377	.00587	-.00500
-2.000	6.00000	4.16181	-.21203	- 09164	.43268	04543	.01176	-.00014
000	6.00000	4.16415	04234	01795	.42514	07447	.01714	.00438
2 000	6.00000	4 16471	30227	12858	.42535	.10469	.02224	.00912
4 000	6.00000	4 16427	56429	24591	43524	.13194	.02693	.01201
GRADIENT	00000	.00055	12796	05620	- 00176	.01478	.00263	.00216

LARC 8FT TPT /49 (IA93) OTSAT130+TS2   (FJJ070)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA =	-6.000 ELV-LI = 10.000
ELV-LO =	9.000 ELV-RI = 10.000
ELV-RO =	9.000

RN/L = 2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	-6 00000	2.03860	- 86807	-.44559	.51229	-.10059	- 01093	-.02770
-6 000	-6 00000	2 03923	- 66736	- 31833	.47741	-.07681	-.00651	-.02435
-4 000	-6 00000	2 04129	-.44780	- 20263	.45234	-.05169	- 00192	-.02043
-2.000	-6 00000	2 04152	-.20675	-.08985	.43488	-.02529	00263	-.01592
000	-6 00000	2.04179	.05465	.02342	.42837	- 00013	00715	-.01166
2.000	-6 00000	2 04231	30614	.13148	42942	.02638	01201	-.00799
4.000	-6 00000	2 04161	55172	.24223	.43877	.05060	01655	-.00495
GRADIENT	00000	00007	.12560	.05555	-.00163	.01281	.00232	.00194

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (FJJ071)   (08 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA =	.000 ELV-LI = 10.000
ELV-LO =	9 000 ELV-RI = 10.000
ELV-RO =	9.000

RN/L = 2 04   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	BETA	RN/L	L/DU	CLU	CDU	CNW	CBW	CTW
-8.000	.00000	2.03942	-.89676	- 45729	50903	-.09230	-.00942	-.02675
-6.000	.00000	2.04101	-.70080	-.33057	.47199	-.06549	- 00462	-.02236
-4.000	00000	2.04217	-.48282	-.21450	.44416	-.03545	.00040	-.01715
-2.000	.00000	2.04253	-.23936	-.10225	.42725	- 00809	.00545	- 01205
.000	.00000	2.04185	.00331	.00136	.41846	02338	01101	-.00662
2 000	00000	2 04224	.27603	.11517	41725	.05074	01621	- 00294
4.000	00000	2 04075	54175	.23073	42569	.07554	02061	-.00004
GRADIENT	00000	-.00016	.12823	.05539	-.00235	.01404	.00256	.00217

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ002)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04071	08771	.03706	.08956	-.43014	11903
.600	-6.000	04004	08327	03602	.09761	-.31280	.07275
.600	-4.000	.03951	.07944	03529	.10214	- 20355	.03321
.600	-2 000	03859	07570	03459	10629	- 09397	-.00779
.600	.000	03780	07343	.03388	10701	.01797	-.04863
600	2 000	03682	07226	.03294	.10490	12706	- 09082
600	4 000	.03611	.07078	.03220	09996	.24598	- 13769
	GRADIENT	- 00043	- 00104	- 00039	- 00029	.05600	- 02124

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04983	.09247	.03772	.14402	-.48918	.14526
.900	-6 000	.04853	08932	03710	.14687	-.35713	.09554
900	-4.000	04716	.08720	03671	14764	- 23157	.04676
900	-2.000	.04635	08395	03617	.14943	-.10451	-.00665
900	.000	04575	08106	.03651	.14855	02049	- 05767
900	2.000	04547	.07886	.03719	14441	.14982	-.11173
900	4 000	.04491	.07769	.03636	.14344	.27379	-.15517
	GRADIENT	-.00027	- 00121	00002	- 00067	06325	-.02545

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = '-5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8 000	05867	.10399	.04594	.18512	-.53222	.16906
.975	-6.000	05624	.09981	04594	.18789	-.38573	.11365
.975	-4 000	05397	.09740	04492	18991	- 25544	.06768
975	-2.000	.05257	.09563	.04407	19199	-.12383	01794
.975	.000	.05192	.09404	.04430	.19150	.00549	-.03449
975	2.000	05189	.09263	04449	18857	13221	-.08486
.975	4.000	.05239	.09260	04530	.18393	.26403	-.13663
	GRADIENT	-.00019	- 00063	00006	-.00077	06475	-.02557

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ002)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                  RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

            MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
            1.150   -6.000   .05630   .09231   .04635   .25697   - 39465   .12252
            1 150   -4.000   .05560   .09026   .04541   .26022   -.25140   .06862
            1.150   -2 000   .05470   .08856   04432   .26392   - 11905   .02039
            1.150   300   .05336   .08613   .04387   .26538   01161   -.03102
            1.150   2 000   .05238   .08373   04304   26577   .13994   -.08105
                    GRADIENT   - 00055   -.00110   - 00038   .00091   06523   - 02502

                  RUN NO.   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

            MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
            1.205   -8 000   05675   .09301   .04596   .27130   -.55779   .18926
            1 205   -6.000   .05695   .09037   04498   .27411   - 39545   .12296
            1 205   -4.000   .05635   08766   04410   27792   -.25078   .06870
            1 205   -2 000   .05436   .08542   .04340   .28163   -.11397   .01814
            1.205   000   .05309   08301   .04313   .28334   .01415   - 03066
            1.205   2 000   .05237   08078   .04249   28384   .13784   -.07675
            1 205   4 000   .05215   .07803   .04138   28128   26171   -.12439
                    GRADIENT   - 00042   -.00119   - 00032   .00045   .06384   -.02405

LARC 8FT TPT '/49 (1A93) OTSAT130   (1JJ003)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04044	.08521	.03558	.09741	-.42776	.12082
600	-6 000	.03967	.08094	.03436	.10452	-.31126	.07602
.600	-4 000	03892	.07744	.03381	10941	-.20100	.03577
600	-2 000	03797	07438	03337	.11282	- 09625	-.00314
600	.000	03729	07250	.03275	.11238	.01358	-.04322
600	2.000	03606	07073	.03176	.10969	.12545	-.08766
.600	4 000	03490	06881	03105	.10546	.23989	-.13260
	GRADIENT	- 00050	- 00104	- 00036	- 00055	05517	-.02106

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	.04827	.09282	.03596	14803	-.49642	15654
900	-6 000	.04720	.08950	03521	.14976	- 36264	10490
900	-4 000	04651	08631	03468	15050	- 23340	05259
900	-2.000	.04612	08079	03412	15304	-.10723	- 00231
.900	.000	04529	.07809	.03478	.15013	01719	- 05511
.900	2.000	04483	07594	03551	14630	.15372	-.11465
.900	4 000	04375	.07552	03490	.14629	.27499	-.15763
	GRADIENT	-.00034	-.00132	00009	-.00076	.06389	-.02664

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05671	.10290	.04455	.19099	-.53348	.17746
.975	-6 000	.05447	.09794	04411	19450	-.38688	12146
975	-4.000	05262	09574	04290	.19699	-.25828	.07598
975	-2 000	.05126	.09412	04237	.19662	- 12981	.02718
.975	000	05068	09194	04291	.19442	-.00217	-.02615
.975	2 000	05105	.09095	.04325	.19001	.12542	-.07816
.975	4.000	05107	.09044	04420	.18680	25769	-.13132
	GRADIENT	-.00017	-.00069	00017	-.00135	06436	-.02600

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ003)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9 000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

               RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

          MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
          1.150   -6.000   .05506   .09073   04538   .26013   -.39900   .13230
          1.150   -4.000   05434   .08828   04445   .26307   -.25453   .07652
          1.150   -2 000   05352   08655   .04343   .26632   - 12010   .02500
          1 150   300   .05207   08444   04325   .26664   01098   -.02734
          1 150   2.000   .05073   08236   .04264   26552   .13691   - 07684
                   GRADIENT   - 00061   -.00099   -.00028   00038   06527   - 02562

               RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

          MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
          1.205   -8.000   05546   .09114   04525   .27545   -.55581 • .19533
          1.205   -6 000   05473   .08851   04380   27797   -.39630   .13064
          1 205   -4.000   05407   08548   04282   28156   -.25064   07394
          1.205   -2 000   05317   08327   .04225   28480   -.11303   .02108
          1.205   00G   .05197   08141   04227   28466   .01232   - 02739
          1 205   2 0C0   .05069   .07909   04173   .28481   .13636   - 07446
          1 205   + 000   05019   07659   .04068   .28278   .26058   -.12253
                   GRADIENT   - 00051   - 00110   - 00024   .00012   .06359   -.02442

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ004)   (13 AUG 76)

REFERENCE DATA   '   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE	=	.0100				

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9 000

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.03947	08206	03262	.10458	- 43261	13008
600	-6.000	.03894	07841	.03104	.11045	-.31257	08408
600	-4 000	03830	07493	.03003	11491	- 20761	.04347
600	-2 000	.03743	07229	02949	.11752	- 09981	.00302
.600	.000	.03650	07075	02886	.11804	00833	-.03697
600	2.000	.03547	06833	02868	.11409	.12030	-.08167
600	4.000	.03422	06568	.02870	.10986	.23683	-.12876
	GRADIENT	- 00051	- 00112	- 00017	- 00068	.05545	- 02146

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	04651	09346	.03250	.15069	- 50768	.16883
.900	-6 000	04607	08867	03060	.15134	-.37041	.11444
900	-4 000	04620	08304	02933	.15258	-.23891	.05950
900	-2.000	.04630	07696	02904	.15497	-.11735	.00469
.900	.000	.04509	.07496	.02975	.15448	.01570	-.05348
900	2 000	.04464	07227	03054	15286	.15257	-.11638
900	4.000	04370	.07191	03094	.14972	.27729	-.16041
	GRADIENT	- 00033	- 00135	00024	-.00039	06512	-.02805

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05390	10212	.04205	19578	-.54473	19122
.975	-6 000	.05245	09795	.04073	.19825	- 39718	.13460
975	-4 000	05230	09442	.03919	19923	- 26347	08527
.975	-2.000	.05301	.09157	.03781	19979	-.13879	.03717
.975	.000	05344	08959	.03767	.19875	-.01401	-.01386
975	2.000	05420	08860	.03825	19387	.11236	- 06521
.975	4.000	.05421	.08651	03925	18931	24382	-.12020
	GRADIENT	.00025	-.00094	.00003	-.00129	.06329	-.02567

LARC 8FT TPT '749 (IA93) OTSATI30   (IJJ004)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ FT	XMRP	= 976.0000 IN. XT	BETA = 000	ELV-LI = 10.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE	= .0100				

RUN NO   0/ 0   RN/L = 4.23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6.000	.05514	09130	.04330	.26027	- 40915	.14834
1 150	-4.000	05426	08844	.04224	26366	- 26239	.08944
1.150	-2.000	05336	08556	.04109	26849	- 12396	03255
1.150	000	05238	.08218	.04024	.27066	00392	- 02017
1 150	2 000	05092	.07981	.04020	.26758	12914	- 06901
	GRADIENT	- 00055	- 00146	-.00035	00070	06512	- 02640

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	05475	09045	04227	.27784	- 56246	.20779
1 205	-6 000	05386	.08800	04129	.27970	-.40310	.14361
1 205	-4 000	05326	08500	.04058	28233	-.25490	08330
1 205	-2 000	05243	.08184	.03949	28677	- 11690	.02743
1.205	.000	05155	.07958	.03881	.28855	00856	-.02212
1.205	2 000	05041	07664	03874	28666	.12657	- 06613
1 205	4 000	.04927	07361	03861	28352	25167	-.11304
	GRADIENT	- 00050	-.00140	-.00023	.00011	06283	-.02431

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ005)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   3 17   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.03931	.08213	.02941	.11108	-.43121	.12473
600	-6.000	.03841	07854	02809	.11810	- 31503	.08003
600	-4 000	03774	07521	.02684	.12293	-.21020	.04026
.600	-2 000	03722	07233	.02609	.12551	-.09483	-.00397
.600	.000	03651	.07074	.02538	.12614	01380	-.04503
600	2.000	03577	06939	02547	12091	12631	-.08947
.600	4.000	.03430	.06682	02607	11670	.23479	-.13211
	GRADIENT	- 00042	- 00099	- 00011	-.00085	05556	- 02151

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	04776	.09120	.03084	.15655	- 49895	15774
.900	-6.000	04625	08769	02980	15887	- 36215	10523
.900	-4.000	.04491	08385	.02867	16208	~ 23324.	.05258
.900	-2 000	.04547	.07853	02825	16354	- 11041	- 00165
.900	000	.04436	.07679	.02762	.16451	.01721	- 05701
.900	2 000	.04379	07413	.02771	16180	.14988	-.11591
900	4.000	04338	.07374	.02834	.15691	.27871	- 16418
	GRADIENT	- 00024	-.00123	- 00006	-.00040	06421	-.02739

RUN NO.   0/ 0   RN/L =   4.07   GRADIENT INTERVAL =   -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05564	10010	.03883	20308	-.53827	17916
975	-6 000	05366	.09573	.03780	20679	-.39170	.12274
975	-4 000	05201	09255	.03624	.20997	- 25813	.07345
975	-2.000	05085	09117	.03468	21202	-.12944	02479
975	.000	05086	09072	.03380	.21208	- 00259	-.02579
.975	2.000	.05090	08816	03428	20738	.12202	-.07643
.975	4 000	.05073	08702	.03600	20105	.25874	- 13356
	GRADIENT	-.00012	-.00070	- 00004	- 00112	.06426	-.02576

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ005)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000·IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

            RUN NO   0/ 0 - RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

            MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
            1.150   -6.000   05759   .09107   .03996   .26948   -.40592   .13869
            1.150   -4.000   05615   .08788   .03869   .27262   - 25715   .07861
            1.150   -2 000   05490   .08505   03701   27666   - 12183   .02518
            1 150   300   .05390   08304   03581   27810   00592   -.02467
            1 150   2 000   05213   08047   03589   27501   13580   -.07674
                       GRADIENT - 00065   -.00121   -.00048   .00043   06533   -.02580

            RUN NO.   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5 00/ 5 00

            MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
            1 205   -8 00C   05844   .09122   03969   .28358   - 56353   .20195
            1 205   -6.000   05724   08885   03880   28518   -.40406   .13742
            1.205   -4 000   .05552   .08520   .03734   28912   -.25654   .07760
            1 205   -2.000   05409   .08213   03567   .29351   -.11839   .02368
            1 205   000   05290   08031   03438·   29500   .00913   - 02435
            1 205   2 000   .05161   07746   .03433   29290   13127   -.07161
            1 205   4 000   .05021   07487   .03545   28770   25556   -.12043
                       GRADIENT -.00066   - 00127   -.00026   -.00017   .06369   -.02457

LARC BFT TPT 749 (IA93) OTSATI30   (IJJ006) (13 AUG 76)

REFERENCE DATA			PARAMETRIC DATA	

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 10.000
LREF = 1290 3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO = 9.000	
SCALE = 0100				

RUN NO. 0/ 0 RN/L = 3.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	04006	.08313	.02705	.11308	- 43788	.12447
.600	-6.000	.03936	.07966	.02619	.11905	-.31953	.07816
.600	-4 000	03850	.07615	.02545	12406	-.20970	03704
690	-2 000	03809	.07365	.02482	.12553	-.09770	-.00656
600	.000	03757	07196	02422	12499	.01503	- 04939
600	2.000	03674	.07078	.02468	.11960	.13021	- 09457
.600	4 000	03573	06969	02543	.11242	.24653	-.14065
	GRADIENT	- 00034	- 00089	- 00001	-.00146	05702	-.02217

RUN NO 0/ 0 RN/L = 3 97 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	04906	.09255	02844	15921	-.49981	.15483
.900	-6.000	.04733	.08922	02790	.16191	-.36601	10407
900	-4 000	04600	08646	02736	16466	-.23899	.05342
900	-2.000	04624	08281	.02693	.16525	-.11443	00013
.900	000	04543	.07965	.02635	16660	01619	-.05691
.900	2 000	04502	07714	.02683	.16386	.14562	-.11277
900	4 000	04409	.07613	02728	.16078	27418	-.16002
	GRADIENT	- 00025	- 00132	- 00001	- 00046	06432	- 02699

RUN NO. 0/ 0 RN/L = 4.07 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8.000	05908	10129	.03483	20644	- 54095	.17579
975	-6 000	.05655	.09691	03437	.21064	- 39444	.11926
975	-4 000	.05445	.09389	03361	.21331	- 25979	06951
.975	-2.000	.05296	09263	03264	21386	- 12808	01930
.975	000	05181	09174	03213	21396	.00121	-.03289
.975	2 000	05141	.08972	03285	.20925	.12491	-.08263
975	4.000	05133	.08854	.03426	.20280	26016	-.13717
	GRADIENT	- 00039	- 00068	00008	-.00128	.06465	-.02576

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ006)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                 RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

                 MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
                 1.150   -6 000   .06002   .09224   03674   27330   - 40735   .13329
                 1.150   -4.000   05838   .08920   .03610   .27560   - 26086   07567
                 1.150   -2 000   .05653   .08702   03491   .27757   - 12432   02321
                 1.150   000   .05511   .08503   03382   .27823   00731   - 02885
                 1 150   2 000   .05344   08218   03476   27472   .13688   -.08176
                          GRADIENT - 00081   -.00115   -.00026   -.00010   .06624   - 02622

                 RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/ 5.00

                 MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
                 1.205   -8 000   .06030   09329   .03703   28479   -.56697   .19923
                 1 205   -6 000   .05926   .08970   .03615   .28743   -.40632   .13345
                 1 205   -4 000   05749   .08588   .03508   .29093   -.26197   07622
                 1 205   -2 000   05565   .08375   .03371   .29389   - 12536   02410
                 1 205   000   05428   08213   .03259   .29501   00781   -.02729
                 1 205   2.000   05285   .07931   .03322   .29247   .13240   - 07627
                 1 205   + 000   05154   .07676   .03420   .28654   25806   - 12564
                          GRADIENT -.00073   - 00113   -.00011   -.00051   06489   - 02521

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ007)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   4.000   ELV-RI =   10.000
ELV-RO =   4.000

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04108	.08844	.03709	.08962	- 46199	14287
600	-6.000	.04049	08425	03607	.09632	- 34340	09700
.600	-4 000	.03991	.08025	03523	.10147	- 23377	.05660
.600	-2 000	.03898	.07628	03455	10691	-.12480	.01609
600	000	03806	07410	03397	10690	-.01339	-.02431
.600	2 000	03718	.07306	.03306	10421	.09684	- 06629
.600	4 000	.03651	07171	03260	09904	.20910	- 10984
	GRADIENT	-.00043	- 00102	- 00034	- 00038	.05537	- 02076

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.05046	.09278	03757	14415	-.50920	.16058
900	-6.000	04910	.08970	.03707	.14677	- 37548	.10992
900	-4.000	04772	.08747	.03677	14781	-.25222	.06252
900	-2.0C0	.04675	.08425	03612	15048	- 12576	.01033
900	000	.04581	.08073	03614	14994	.00004	-.03922
.900	2 000	04526	07942	.03653	.14610	.11928	-.08567
.900	4 000	04501	.07860	.03611	.14377	.24160	- 12898
	GRADIENT	-.00035	-.00113	- 00005	-.00062	.06163	-.02395

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.0C0	05907	.10451	04566	.18494	-.55406	.18757
.975	-6.000	05670	-.10011	04557	.18814	-.40780	.13197
.975	-4.000	05446	.09759	04458	.19023	-.27549	.08516
975	-2.000	05304	.09587	04362	.19190	- 14474	.03619
975	.000	.05243	09419	.04385	19241	-.01782	-.01554
.975	2.000	05266	.09318	04413	.18967	10860	-.06518
975	4.000	05303	.09332	04503	.18410	.23657	-.11376
	GRADIENT	- 00016	-.00056	00007	- 00072	.06387	-.02496

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ007)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690 0000 SQ FT.	XMRP	= 976.0000 IN. XT	BETA = -6.000	ELV-LI = 10.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	ELV-LO = 4.000	ELV-RI = 10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO = 4.000	
SCALE	= .0100				

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05662	09295	.04628	25720	- 41063	.13658
1.150	-4 000	05589	.09097	04538	.26005	-.26628	08254
1.150	-2 000	.05489	.08900	.04421	.26434	- 13224	03361
1.150	000	.05388	.08718	04381	.26509	- 00373	-.01757
1 150	2.000	05283	08476	.04305	26586	12516	-.06791
	GRADIENT	- 00051	-.00102	-.00037	.00091	.06514	- 02513

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	05670	09308	04557	26843	-.56889	.19898
1 205	-6 000	05596	.09043	04463	.27098	- 40589	13242
1 205	-4 000	.05534	08766	04376	27476	- 26130	.07862
1 205	-2 000	.05444	.08575	.04313	27791	-.12598	.02898
1 205	.000	05331	.08357	.04286	.27932	.00151	-.02018
1.205	2 0C0	.05255	08128	.04229	27984	12563	- 06680
1 205	4 000	.05238	07870	04122	27734	.24991	- 11463
	GRADIENT	- 00039	-.00112	-.00030	00035	.06370	- 02411

LARC 8FT TPT /49 (IA93) OTSAT130　　　　　　　　　　(IJJ008)　(13 AUG 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4 000			

RUN NO.　　0/ 0　　RN/L =　　3.17　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	04077	.08578	.03541	.09641	- 45637	.14358
600	-6.000	04008	.08201	03440	.10346	-.34139	.09957
.600	-4 000	.03920	.07814	.03369	.10888	-.23451	.06046
600	-2 000	03843	.07470	03332	.11241	- 12533	.01999
600	000	03759	07318	03284	11190	- 01976	-.01766
600	2 000	.03636	07148	.03179	10886	09205	- 06134
.600	4 000	03517	06993	.03132	.10421	.20572	- 10482
	GRADIENT	- 00051	- 00098	- 00031	- 00064	05489	-.02059

RUN NO　　0/ 0　　RN/L =　　3 97　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04901	.09315	03586	14789	-.51484	17117
.900	-6 000	.04788	.08984	.03530	.14956	-.37886	11863
.900	-4 000	04695	.08659	.03464	.15085	-.25170	06759
900	-2 000	.04619	08138	03403	.15311	-.12882	.01484
.900	000	04482	07844	03459	15159	00035	-.03774
.900	2.000	04389	.07711	03495	.14697	.12419	- 08885
.900	4 000	04345	.07617	.03451	14648	.24409	-.13207
	GRADIENT	- 00047	-.00126	.00003	-.00074	06223	-.02515

RUN NO　　0/ 0　　RN/L =　　4.08　　GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.05720	.10397	04413	19118	- 55649	19667
975	-6 000	.05518	.09904	04379	19431	- 41023	.14041
975	-4 000	05335	09618	04266	.19660	- 27950	.09389
.975	-2.000	.05179	09456	.04182	.19667	- 15104	04584
975	.000	.05130	09227	.04239	.19516	-.02259	-.00772
.975	2.000	.05200	09112	04271	19109	.10241	-.05823
.975	4.000	.05191	.09079	04370	.18768	.23206	-.10963
	GRADIENT	-.00013	-.00071	00015	- 00117	.06383	-.02556

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT /49 (IA93) OTSAT130 (IJJ008) (13 AUG 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05520	.09092	.04512	.26118	- 41405	.14627
1.150	-4.000	05461	.08908	.04435	.26310	- 26887	.09045
1.150	-2 000	05379	.08720	04328	.26651	-.13415	.03895
1.150	000	05261	.08555	04304	.26630	-.00401	-.01371
1.150	2.000	.05120	08321	04252	.26589	.12072	- 06305
	GRADIENT	- 00057	-.00096	-.00029	00041	.06494	- 02566

RUN NO   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05533	.09103	.04485	.27244	-.56773	.20558
1.205	-6 000	.05467	08836	.04339	.27475	- 40767	14095
1.205	-4 000	.05400	.08543	04240	.27822	-.26213	.08440
1 205	-2.000	05324	.08374	.04190	.28053	-.12610	03203
1.205	000	05231	08238	.04195	.27990	.00076	- 01728
1.205	2.000	.05090	.07995	.04153	.28020	12401	- 06425
1.205	4.000	.05040	.07746	.04053	.27851	24799	- 11230
	GRADIENT	-.00048	-.00099	-.00021	00001	.06352	- 02448

LARC 8FT TPT '/49 (IA93) OTSAT130   (IJJ009)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3 17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.03993	.08322	.03227	.10134	-.46052	.15112
600	-6.000	.03927	.07956	.03087	.10806	-.34320	.10575
.600	-4 000	.03866	.07627	.02984	11216	-.23349	.06486
.600	-2 000	03789	.07367	.02945	.11587	-.12958	.02539
600	000	.03686	.07198	.02885	.11665	-.01957	-.01463
600	2 000	03562	.06913	02874	11395	09035	-.05713
.600	4 000	03429	06668	.02884	.10853	20171	- 10105
	GRADIENT	- 00055	-.00119	-.00013	-.00046	.05452	-.02072

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	04748	.09362	.03220	.14766	- 52113	.18167
900	-6 000	04686	.08913	.03080	.14910	-.38272	.12638
900	-4.000	04675	.08356	02945	.15219	-.25499	07323
900	-2.000	.04688	.07735	.02894	.15458	-.13449	01982
900	.000	.04560	.07518	.02973	.15320	-.00771	-.03332
900	2.300	.04524	07317	.03062	.15069	.11940	- 08839
.900	4.000	.04421	07266	.03094	.14855	.24445	-.13302
	GPADIENT	-.00034	- 00130	.00023	-.00036	.06264	-.02603

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8 000	.05454	.10263	04172	.19542	-.56417	.20789
.975	-6.000	05352	.09829	04043	.19794	- 41728	.15195
.975	-4 000	.05346	.09433	03870	.19943	- 28472	.10314
975	-2.000	05392	.09179	.03713	20054	-.16157	.05581
.975	.000	05451	.09042	.03694	.19871	- 04064	.00763
.975	2.000	.05500	.08923	03767	.19358	.08915	-.04588
.975	4.000	05505	.08721	.03888	.18964	.22084	- 10097
	GRADIENT	.00021	-.00084	00004	-.00133	.06309	-.02550

LARC 8FT TPT '749 (1A93) OTSATI30   (IJJ009)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA = .000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO = 4.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = 4.000	
SCALE	=	.0100					

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.05523	.09123	.04290	.26122	-.42603	16283
1.150	-4 000	05446	08903	04212	.26318	- 27715	.10314
1.150	-2 000	05365	.08615	04092	26793	-.13831	.04628
1.150	000	.05294	.08354	-04003	26908	- 01302	-.00590
1 150	2 000	05140	08063	03996	.26726	11287	- 05630
	GRADIENT	- 00049	- 00139	-.00037	00067	.06477	- 02638

RUN NO   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05482	.09074	.04210	.27397	-.57200	.21731
1.205	-6 000	.05393	.08832	04106	.27567	-.41612	.15454
1.205	-4 000	05324	.08524	04095	.27893	-.26895	.09492
1.205	-2.000	05247	.08223	03911	.28301	-.13002	.03907
1 205	000	.05164	.08016	03841	.28414	-.00492	- 01093
1.205	2 000	.05062	.07754	.03842	.28200	11594	- 05668
1 205	4.000	.04944	.07452	.03837	.27913	23837	- 10254
	GRADIENT	-.00047	-.00131	-.00022	-.00003	06303	-.02453

LARC 8FT TPT '/49 (1A93) OTSAT130   (IJJ010)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.03980	.08306	02922	11127	-.46406	.14892
600	-6.030	.03898	.07959	02814	.11736	-.34732	10431
.600	-4.000	03812	.07602	02696	12346	- 23849	06255
.600	-2 000	03743	.07289	02619	.12653	- 13030	.02177
600	000	03685	.07185	02562	12576	-.02271	- 01809
600	2 000	03582	.07013	02542	.12227	.09020	- 06146
600	4 000	.03477	06815	02639	.11564	.19947	- 10403
	GRADIENT	- 00042	- 00093	-.00009	- 00100	05482	-.02082

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	.04849	09149	.03060	.15680	- 51581	.17129
.900	-6.000	04746	.08853	.02976	.15803	-.37674	.11787
900	-4 000	04641	08488	02887	15995	- 25221	.06797
900	-2.000	.04670	07966	02837	.16202	-.13268	01613
900	.000	.04561	07778	02782	.16209	- 00950	-.03461
900	2.000	04459	.07466	02768	16184	11797	-.08889
900	4 000	04420	07475	02846	.15872	24239	- 13345
	GPADIENT	-.00033	-.00126	-.00008	- 00013	06199	- 02539

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	05588	10063	03845	.20314	-.56018	.19706
975	-6 000	.05401	.09626	03744	.20646	- 41358	14081
975	-4.000	05251	.09310	03602	20862	- 27996	09118
975	-2 000	05135	.09175	03463	21099	-.15150	.04284
975	000	.05125	.09148	03362	21153	- 02795	-.00477
.975	2.000	.05112	08859	03385	20752	.09858	-.05770
975	4.000	05133	.08781	03531	.20121	.23024	-.11104
	GRADIENT	-.00013	- 00069	- 00011	- 00091	.06352	-.02525

' ARC 8FT TPT /49 (IA93) OTSATI30   (IJJ010)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290 3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6.000	.05780	09171	.03988	26937	- 47335	.15350
1 150	-4.000	05645	.08873	.03873	.27213	- 27662	.09457
1.150	-2 000	05519	.08594	03710	27586	-.13866	04001
1.150	000	.05423	.08387	.03583	27755	- 00856	- 01162
1.150	2 000	05242	08121	03576	27531	11862	- 06300
	GRADIENT	- 00065	- 00123	- 00051	00056	06579	-.02622

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8 000	.05826	.09125	.03942	.28018	- 57424	.21122
1.205	-6 000	05700	.08873	03843	.28215	-.41466	.14683
1 205	-4 000	05554	08575	03718	28502	- 26684	08759
1.205	-2.000	.05434	08312	03566	28867	- 12945	03395
1.205	000	05290	.08074	.03410	29172	-.00204	- 01455
1 205	2.000	05180	.07828	.03408	28986	.11981	-.06196
1.205	4.000	05045	07578	03522	.28362	24425	- 11125
	GRADIENT	- 00064	- 00124	- 00027	- 00013	06357	-.02468

LARC 8FT TPT '/49 (1A93) OTSAT130   (1JJ011)   (13 AUG 76)

REFERENCE DATA   .   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04068	.09382	02715	.11324	-.47052	.14942
.600	-6.000	.03975	08028	.02625	.11885	-.34969	.10242
600	-4 000	03888	07684	.02562	12403	-.23948	.06017
.600	-2 000	.03831	07439	.02504	12608	- 13124	.01916
600	000	0.759	07267	02439	12603	- 01898	- 02311
600	2 000	03692	07151	02484	.12068	09531	-.06664
.600	4 000	03591	06955	02560	.11346	20583	-.10944
	GRADIENT	- 00037	- 00087	- 00001	- 00133	05586	-.02125

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	.04958	.09326	.02853	15864	-.51656	.16796
900	-6.000	.04803	08993	.02799	.16130	-.38351	.11745
900	-4.000	.04670	08704	02747	.16341	- 25994	.06924
900	-2 000	04657	.08320	02700	.16483	- 13700	.01853
900	000	.04569	08007	02633	16616	- 01348	-.03304
.900	2 000	.04528	07786	.02688	.16373	11376	- 03588
900	4.000	.04475	07759	02754	.15992	.23811	-.13026
	GPADIENT	- 00026	-.00121	00000	- 00040	06234	-.02517

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.05905	.10173	.03460	.20639	-.56220	.19412
975	-6.000	05671	09749	.03418	21001	- 41588	13722
.975	-4 000	.05467	09441	.03342	.21167	-.28221	08737
975	-2 000	05316	09317	.03255	.21289	- 15122	03809
.975	.000	.05186	09236	.03201	.21423	- 02013	-.01405
975	2.000	05146	.09010	03254	21023	10239	-.06380
.975	4 000	05193	.08931	03384	.20299	.23462	- 11514
	GRADIENT	-.00036	- 00066	00004	-.00100	.06436	- 02535

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ011)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4 000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
         1.150   -6 000   .06006   .09260   .03671   .27380   -.42496   .14829
         1.150   -4.000   05853   08984   .03614   .27588   -.28016   .09131
         1.150   -2.000   05673   .08770   .03502   27763   -.14295   .03934
         1.150   000   05532   .08578   .03391   .27848   -.00887   - 01483
         1.150   2 000   .05361   08295   03468   27561   .12010   - 06772
                   GRADIENT   -.00081   -.00113   -.00027   .00000   .06674   - 02651

                    RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

         MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
         1.205   -8 000   .06007   .09320   .03679   28151   -.57768   .20859
         1.205   -6 000   .05910   .08983   .03594   .28395   -.41649   14249
         1.205   -4 000   05745   08626   .03501   .28704   -.27051   08513
         1 205   -2 000   05564   08423   03371   28985   - 13432   03316
         1 205   000   05412   08238   .03239   29177   - 00418   -.01728
         1 205   2 000   05292   08005   .03302   .28873   .12191   -.06702
         1.205   4.000   .05167   .07749   03407   28288   24675   -.11585
                   GRADIENT   -.00071   -.00109   - 00013   -.00047   06454   - 02511

LARC 8FT TPT '/49 (1A93) OTSAT130   (IJJ012)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
600	-8.000	.04129	.08730	.03735	.09382	-.42164	.10989
.600	-6.000	.04083	.08333	03637	.10104	-.30093	06267
600	-4 000	04022	.07938	03558	10672	- 19039	.02147
600	-2 000	.03947	.07576	03 81	11037	- 08223	-.01859
.600	.000	.03850	.07316	03390	.11128	.03076	-.06141
.600	2.000	.03766	.07229	.03303	.10932	.14777	- 10745
600	4 000	.03690	.07062	.03214	10494	26300	-.15325
	GRADIENT	-.00042	-.00105	-.00043	-.00023	05684	-.02191

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04894	.09341	.03854	.14894	- 48449	.13923
900	-6.000	.04729	.09055	.03800	.15158	-.35013	.08780
900	-4 000	.04567	.08828	.03764	.15314	- 22443	.03863
.900	-2.000	04507	.08514	03704	.15478	-.09583	- 01591
900	.000	04455	08168	.03713	15493	03652	- 07159
900	2 000	.04424	.07950	.03758	.15126	.16749	-.12783
.900	4 000	.04400	.07791	03649	.14946	.29341	- 17290
	GRADIENT	-.00021	-.00152	- 00009	-.00054	.06495	-.02675

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975'	-8 000	.05924	10429	04635	.19248	-.52628	16314
.975	-6.000	.05658	.04634	.04634	19540	-.37818	.10645
.975	-4 000	.05414	.09713	04545	.19803	- 24513	05851
.975	-2.000	.05253	.09521	.04462	.19988	- 11345	00816
975	000	.05162	.09361	.04471	19921	01937	- 04708
.975	2 000	.05164	09229	.04500	19722	14984	-.10018
975	4 000	05205	.09202	04572	.19324	.28210	- 15287
	GRADIENT	- 00025	- 00066	00005	-.00061	.06589	-.02656

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ012)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	05696	.09216	.04687	.26358	- 38586	.11457
1.150	-4 000	.05624	09019	.04598	.26643	-.24188	.06077
1.150	-2 000	05524	.08829	04491	.27037	- 10851	.01221
1.150	000	.05398	.08585	.04444	.27152	.02249	-.03982
1.150	2 000	.05308	08364	04355	27166	.15071	-.08961
	GRADIENT	- 00054	-.00110	-.00039	.00084	06544	- 02516

RUN NO.   0/ 0   RN/L =   4 22   GPADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05721	09263	.04599	.27522	- 54565	.17946
1.205	-6 000	.05653	.09001	04509	.27765	- 38345	.11312
1.205	-4 000	.05601	08735	.04429	.28129	-.24009	.05924
1 205	-2 000	.05498	.08508	04375	28476	-.10297	.00851
1 205	000	05356	08244	.04356	28643	02611	- 04043
1.205	2 000	05271	.08003	.04267	.28728	.14981	-.08674
1.205	4 000	05261	07726	04151	28422	27261	-.13425
	GRADIENT	- 00045	- 00126	- 00033	.00042	.06391	- 02411

LARC 8FT TPT /49 (1A93) OTSAT130   (IJJ013)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290 3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT	
SCALE	=	.0100				

BETA	=	-4 000
ELV-LO	=	14.000
ELV-RO	=	14.000

ELV-LI =	10.000
ELV-RI =	10.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
600	-8 000	.04112	.08499	.03593	.10140	-.41528	.10970
.600	-6.000	.04047	08108	03480	.10785	-.29752	.06422
.600	-4.000	03943	.07702	03406	.11334	-.18934	.02441
.600	-2 000	.03875	.07383	03354	.11701	- 08233	-.01575
.600	000	.03790	07189	.03266	.11680	.02987	-.05776
.600	2 000	03660	.07025	03154	.11440	.14155	-.10161
.600	4.000	.03548	06877	.03111	.11067	.25605	-.14714
	GRADIENT	-.00050	- 00100	-.00040	- 00040	.05573	-.02145

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04721	.09371	.03683	.15324	- 49034	.14963
.900	-6.000	.04608	09082	.03621	.15439	-.35433	.09623
.900	-4.000	04522	08751	03572	.15619	-.22251	.04255
.900	-2 000	.04472	.08188	.03505	.15822	-.09397	-.01399
.900	.000	.04425	.07903	03548	.15566	.03525	-.06952
.900	2 000	.04369	.07703	.03598	.15284	.17165	-.13083
.900	4.000	04302	.07566	03523	.15166	29807	-.17681
	GPADIENT	-.00027	- 00143	-.00000	- 00072	06534	-.02778

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8.000	.05727	10382	04498	.19863	-.52696	.17121
.975	-6.000	.05489	.09869	04454	.20194	- 37980	.11441
.975	-4 000	05268	.09548	.04343	.20420	-.24781	06626
.975	-2.000	05089	.09369	.04284	.20454	- 11800	.01649
.975	.000	.05011	.09160	.04342	.20285	01429	- 03926
.975	2 000	.05043	.09035	.04399	.19901	14496	- 09396
.975	4.000	05062	.08984	04474	.19599	27954	-.14913
	GRADIENT	-.00023	-.00073	.00019	-.00110	06588	-.02706

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ013)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10 000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

          RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

          MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
          1 150   -6.000   .05563   .09048   .04589   .26780   -.39041   .12484
          1.150   -4 000   05486   .08817   .04504   27015   - 24405   .06823
          1.150   -2 000   .05399   .08526   .04403   .27303   - 10900   .01670
          1 150   300   05273   .08443   .04393   .27250   02056   -.03509
          1.150   2 000   05137   .08212   04320   .27221   .14599   - 08482
                    GRADIENT   -.00059   - 00100   - 00028   .00028   .06498   - 02555

          RUN NO.   0/ 0   PN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

          MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
          1.205   -8.000   .05608   .09089   04510   .27934   -.54428   18565
          1.205   -6 300   .05534   .08899   04378   .28178   - 39518   .12113
          1 205   -4 000   05462   .08508   04299   .28526   -.23967   06411
          1.205   -2 000   .05380   .08323   04261   28768   - 10095   01076
          1 205   .000   .05239   .08090   04275   .28777   .02754   -.03868
          1 205   2.000   .05079   .07824   04181   28872   .14708   - 08381
          1 205   4.000   .05057   .07587   .04072   .28601   .27140   - 13157
                    GRADIENT   -.00056   -.00117   - 00027   .00013   06351   -.02430

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ014)   (13 AUG 76)

REFERENCE DATA		PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290 3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04016	.08228	.03309	.10634	- 42345	.11986
600	-6 000	03960	.07881	.03148	.11201	-.30440	.07431
.600	-4 000	03885	07546	03029	.11731	-.19398	.03119
.600	-2 000	.03799	.07271	02965	.12054	- 08860	-.00896
600	000	.03704	07084	02905	.12121	02373	-.05151
600	2 000	.03584	06820	02887	.11887	13915	- 09742
.600	4 000	.03452	06561	.02865	.11468	25261	-.14351
	GRADIENT	-.00054	-.00121	- 00020	- 00035	.05605	-.02189

RUN NO.   0/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04675	.09394	.03385	15488	- 49871	.16112
900	-6 000	.04626	08912	03215	.15567	-.36031	.10462
.900	-4 000	04613	.08343	.03056	.15826	-.22521	.04670
.900	-2.000	.04611	.07723	02990	.16103	-.10219	-.00981
900	000	04513	.07492	.03050	16079	.03403	- 06955
.900	2.000	.04467	07285	03140	15802	16873	-.13192
900	4 000	.04378	07204	03170	.15572	29815	-.17989
	GRADIENT	-.00031	- 0C136	00019	-.00040	06588	-.02876

RUN NO   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	05432	10269	04235	.20330	-.53366	18247
975	-6 000	05311	09829	04107	20505	-.38498	12491
.975	-4 000	.05259	09410	03966	20589	-.25126	.07487
.975	-2 000	.05268	09108	03864	.20723	- 12580	.02579
.975	000	.05289	08894	03855	.20627	- 00047	-.02572
.975	2 000	.05351	08787	.03902	.20149	12722	-.07857
.975	4.000	.05339	.08599	.03967	.19771	.26249	- 13702
	GRADIENT	.00012	-.00097	.00002	- 00111	.06403	- 02641

LARC 8FT TPT 749 (1A93) OTSAT130   (1JJ014)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.    XMRP  =    976.0000 IN. XT                 BETA    =      .000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES    YMRP  =      .0000 IN. YT                  ELV-LO  =    14.000   ELV-RI =   10.000
BREF  =  1290.3000 INCHES    ZMRP  =    400.0000 IN. ZT                 ELV-RO  =    14.000
SCALE =      .0100
```

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6.000	.05553	.09087	04388	.26765	- 40190	.14168
1 150	-4 000	05466	.08812	04296	.27058	-.25250	.08113
1 150	-2 000	05364	.08517	.04178	.27549	- 11275	.02357
1.150	000	.05244	.08169	04091	27788	01270	- 02779
1 150	2 000	.05101	07902	.04077	27567	13788	- 07659
	GRADIENT	- 00061	-.00154	-.00037	.00088	06483	- 02623

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05520	.09050	04257	.28045	-.54759	.19692
1.205	-6.000	.05430	08732	04141	28409	-.39142	.13354
1.205	-4 000	05369	.08411	04061	.28757	-.24486	.07381
1.205	-2 000	05306	.08211	03984	28953	- 10633	.01831
1.205	.000	.05202	07955	03921	29178	01745	- 03076
1.205	2.000	.05056	07590	03892	29086	14120	- 07715
1 205	4.000	04955	.07338	.03878	.28654	.26099	-.12136
	GRADIENT	- 00054	-.00138	- 00023	-.00004	.06296	-.02429

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ015)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04008	.08235	02953	.11519	- 42067	.11444
.600	-6.000	03909	07866	02827	12266	- 30778	.07108
600	-4 000	.03837	07551	.02710	.12888	- 20499	.03188
600	-2 000	03758	.07197	.02616	.13123	- 08601	-.01511
.600	000	03690	07060	02554	13077	.02734	-.05803
.600	2 000	.03617	06942	.02564	.12717	13929	-.1C184
600	4.000	.03480	06672	.02615	.12075	25697	-.14886
	GRADIENT	-.00043	- 00101	- 00012	- 00102	.05746	-.02241

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	04755	09193	03131	16420	- 49003	15057
.900	-6 000	04597	08940	.03023	.16612	- 35466	.09713
.900	-4 000	.04483	.08478	.02929	.16844	-.22856	.04444
.900	-2 000	.04506	07988	.02865	.17036	- 09940	-.01303
.900	000	04444	.07711	.02791	.17165	.03355	-.07169
900	2 000	.04363	07425	02779	16996	.16812	-.13154
900	4 000	.04347	07415	02877	16569	.29805	-.18069
	GRADIENT	-.00021	-.00134	-.00009	-.00029	.06604	- 02944

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.0C0	05606	10104	.03933	21021	- 53223	17289
.975	-6 000	05365	09546	03825	21393	-.38330	.11512
.975	-4 000	.05178	09290	03668	.21702	- 24998	06515
.975	-2 000	.05073	09142	.03509	.21899	-.12101	.01534
975	000	.05055	09050	.03408	.21987	.01161	-.03793
.975	2 000	.05060	08847	.03480	.21420	.13960	- 09158
975	4.000	.05084	08727	.03649	20847	.27486	- 14974
	GRADIENT	-.00010	- 00071	-.00003	-.00109	.06551	-.02684

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ015)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   ..0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	05783	.09105	.04054	.27628	- 39829	.13147
1.150	-4 000	05645	.08790	.03937	.27892	- 24914	.07140
1.150	-2 000	.05518	.08503	03768	28285	- 11335	.01768
1.150	000	05419	.08289	.03640	28460	01567	-.03320
1.150	2.000	05223	.07998	.03634	.28223	14511	-.08546
	GRADIENT	- 00068	-.00129	-.00052	'00058	06559	- 02607

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05821	.09051	04017	.28738	-.55128	19111
1 205	-6 000	.05711	.08817	03928	28895	-.39280	.12744
1.205	-4 000	.05577	.08522	03801	29176	- 24469	.06813
1.205	-2.000	05442	08244	.03633	29593	-.10536	.01307
1 205	000	.05305	.08011	.03479	.29902	01788	- 03376
1.205	2 000	.05181	.07687	03453	.29746	14147	- 08129
1.205	4.000	05062	.07493	.03574	.29040	26503	- 12983
	GRADIENT	- 00065	-.00131	-.00032	-.00006	06331	-.02451

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ016)   (13 AUG 76.)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	
SCALE	=	.0100				

BETA   =   6.000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
600	-8.000	.04075	.08309	.02716	.11825	-.42430	.11321
.600	-6.000	.04007	.07992	.02629	12322	-.30703	.06763
600	-4.000	.03951	.07699	.02580	12737	-.20528	.02926
.600	-2 000	03843	.07355	02485	13170	- 08897	-.01657
.600	.000	03799	.07203	02432	13000	02763	-.06157
600	2.000	.03697	07028	.02468	.12692	.14156	-.10570
600	4 000	03608	.06808	02548	.11918	26121	-.15355
	GRADIENT	- 00042	-.00105	-.00004	- 00106	05818	- 02274

RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	04906	.09336	02884	16597	-.49331	14798
.900	-6 000	.04715	.08974	.02829	16891	- 35774	09575
.900	-4 000	.04584	.08699	02772	.17085	-.23003	.04387
.900	-2 000	.04587	.08322	02706	17265	-.10306	-.01124
.900	.000	.04533	07969	02643	17437	02976	-.07007
900	2.000	.04470	.07726	02680	17182	.16356	-.12784
900	4.000	04429	.07650	.02760	.16695	.29273	- 17671
	GRADIENT	- 00021	-.00135	-.00003	-.00043	.06561	-.02789

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8.000	.05948	.10223	.03516	.21359	-.53649	.17045
.975	-6 000	05661	.09774	03460	.21795	-.38547	.11157
975	-4 000	05417	.09456	03388	.22027	- 25031	.06048
975	-2.000	.05262	.09314	03293	.22088	- 11976	.00992
975	.000	05141	.09174	03246	.22169	01573	-.04522
.975	2.000	05105	08978	03320	21701	.14615	-.09923
.975	4 000	05137	08869	03476	21093	.27809	-.15304
	GRADIENT	- 00036	- 00076	.00010	- 00113	.06614	-.02681

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ016)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.06021	.09203	.03723	.28031	-.39965	.12641
1.150	-4.000	.05860	.08888	.03656	.28259	-.25355	.06884
1.150	-2.000	.05681	.08679	.03533	.28437	-.11636	.01585
1.150	.000	.05538	.08464	.03424	.29548	.01728	-.03718
1.150	2.000	.05342	.08140	.03518	.28213	.14714	-.09069
	GRADIENT	-.00085	-.00123	-.00026	-.00001	.06679	-.02658

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.06057	.09323	.03753	.28758	-.55661	.18929
1.205	-6.000	.05931	.08914	.03661	.29094	-.39458	.12327
1.205	-4.000	.05760	.08550	.03562	.29402	-.24824	.06551
1.205	-2.000	.05590	.08363	.03428	.29654	-.11215	.01292
1.205	.000	.05430	.08145	.03299	.29884	.01897	-.03783
1.205	2.000	.05297	.07858	.03357	.29626	.14613	-.08784
1.205	4.000	.05178	.07621	.03454	.28939	.26971	-.13589
	GRADIENT	-.00073	-.00118	-.00014	-.00048	.06471	-.02517

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ017)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05614	.09230	.04553	.25907	-.43825	.16099
1.150	-4.000	.05562	.09079	.04474	.26094	-.29247	.10581
1.150	-2.000	.05481	.08928	.04363	.26441	-.15776	.05576
1.150	.000	.05365	.08719	.04309	.26595	-.02721	.00372
1.150	2.000	.05282	.08495	.04247	.26631	.10110	-.04701
	GRADIENT	-.00048	-.00098	-.00037	.00088	.06556	-.02553

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ017)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05645	.09269	.04473	.26999	-.59357	.22193
1.205	-6.000	.05571	.08992	04380	.27273	-.43002	.15442
1.205	-4.000	05521	.08744	.04300	.27594	-.28504	.09981
1 205	-2 000	05437	.08571	04240	.27854	-.14897	.04920
1.205	000	05335	.08375	04225	27970	-.02187	-.00012
1.205	2 000	05265	08185	04184	27970	.10345	-.04739
1.205	4 000	.05251	07931	04087	.27682	.23067	-.09704
	GRADIENT	- 00036	-.00101	- 00024	.00015	.06419	-.02451

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ018)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	05493	.09061	.04436	.26248	- 44148	.17082
1.150	-4.000	05433	.08871	.04343	.26488	-.29593	11444
1.150	-2.000	05372	.08756	.04248	.26701	-.16125	06264
1.150	000	05261	.08582	.04227	.26661	- 02951	.00837
1 150	2 000	05132	09347	04188	.26566	.09717	- 04247
	GRADIENT	-.00051	- 00087	-.00024	.00010	06555	-.02625

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	05512	.09057	04397	.27371	-.59349	.22939
1.205	-6.000	05440	.08794	.04249	.27615	- 43241	.16355
1 205	-4.000	.05382	.08538	04161	.27931	-.28458	.10534
1.205	-2.000	05311	.08385	.04110	.28110	-.14743	.05213
1.205	.000	05219	.08231	.04118	.28038	-.01955	.00134
1.205	2 000	.05099	.08028	.04080	.28026	.10606	-.04711
1 205	4 000	.05056	07783	.03994	27864	.23066	- 09574
	GRADIENT	- 00043	-.00093	-.00018	- 0C011	.06420	-.02507

LARC 8FT TPT /49 (1A93) OTSAT130   (1JJ019)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05520	.09099	.04213	.26173	-.45338	.18745
1.150	-4.000	.05431	.08825	.04109	.26482	-.30534	.12759
1.150	-2.000	.05379	.08605	.03997	.26834	-.16620	.06921
1.150	.000	.05314	.08331	.03898	.27021	-.03748	.01522
1.150	2.000	.05181	.08102	.03924	.26702	.08910	-.03551
	GRADIENT	-.00041	-.00122	-.00033	.00043	.06560	-.02717

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05478	.09062	.04137	.27413	-.59907	.24182
1.205	-6.000	.05384	.08778	.04003	.27655	-.43829	.17606
1.205	-4.000	.05303	.08448	.03904	.28019	-.28685	.11386
1.205	-2.000	.05236	.08216	.03812	.28352	-.15036	.05824
1.205	.000	.05184	.08042	.03731	.28444	-.02428	.00696
1.205	2.000	.05086	.07791	.03749	.28248	.09898	-.04023
1.205	4.000	.04973	.07525	.03783	.27865	.22449	-.08736
	GRADIENT	-.00040	-.00113	-.00015	-.00021	.06360	-.02505

LARC 8FT TPT 749 (1A93) OTSAT130   (1JJ020)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05746	.09142	.03928	.26979	-.45219	.17859
1.150	-4.000	.05636	.08876	.03831	.27191	-.30315	.11821
1.150	-2.000	.05527	.08644	.03693	.27519	-.16424	.06270
1.150	.000	.05419	.08426	.03549	.27750	-.03519	.01149
1.150	2.000	.05266	.08159	.03522	.27527	.09268	-.04091
	GRADIENT	-.00061	-.00118	-.00053	.00062	.06583	-.02643

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ020)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   4.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05755	.09057	.03897	.28079	-.60126	.23498
1.205	-6.000	.05648	.08807	.03786	.28272	-.43889	.16897
1.205	-4.000	.05531	.08549	.03660	.28549	-.29051	.10872
1.205	-2.000	.05415	.08300	.03524	.28920	-.15395	.05492
1.205	.000	.05294	.08101	.03383	.29142	-.02530	.00573
1.205	2.000	.05179	.07840	.03368	.28907	.09817	-.04303
1.205	4.000	.05049	.07629	.03509	.28362	.22380	-.09378
GRADIENT		-.00060	-.00115	-.00023	-.00019	.06404	-.02515

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ021)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN XT   BETA   =   6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05968	.09203	.03641	.27404	-.45214	.17257
1.150	-4.000	.05931	.08965	.03598	.27549	-.30465	.11398
1.150	-2.000	.05665	.08783	.03501	.27728	-.16640	.06024
1.150	.000	.05524	.08596	.03384	.27842	-.03343	.00729
1.150	2.000	.05341	.08280	.03450	.27618	.09854	-.04784
GRADIENT		-.00081	-.00112	-.00028	.00016	.06713	-.02692

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05974	.09262	.03673	.28132	-.60456	.23178
1.205	-6.000	.05865	.08897	.03578	.28429	-.44060	.16384
1.205	-4.000	.05701	.08577	.03482	.28758	-.29404	.10590
1.205	-2.000	.05532	.08404	.03360	.29011	-.15781	.05377
1.205	.000	.05402	.08238	.03240	.29163	-.02709	.00293
1.205	2.000	.05288	.07999	.03302	.28887	.09952	-.04732
1.205	4.000	.05166	.07763	.03418	.28269	.22661	-.09816
GRADIENT		-.00066	-.00102	-.00009	-.00055	.06493	-.02546

LARC 8FT TPT '749 (IA93) OTSATI30   (IJJ022)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        1.150   -6.000   .05642   .09220   .04581   .25997   - 43242   .15563
        1.150   -4.000   .05578   .09047   04499   .26206   - 28630   .10001
        1.150   -2 000   .05502   08898   04378   26561   -.15054   04994
        1.150   000   .05388   .08698   04316   .26716   - 02181   -.00084
        1 150   2.000   05292   .08472   04253   .26753   .10862   -.05255
                  GRADIENT - 00049   -.00096   -.00040   .00090   06567   - 02542

                RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5 00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        1.205   -8.000   .05663   .09206   04482   .27233   -.58890   21720
        1.205   -6 000   05593   08962   04411   27385   - 42499   14961
        1.205   -4 000   .05542   08722   04340   27651   - 27920   .09478
        1.205   -2 000   .05456   08541   04259   27955   -.14335   04456
        1.205   .000   .05349   .08339   .04228   .29064   -.01482   - 00558
        1 205   2.000   .05275   .08131   .04183   .28112   11071   - 05307
        1.205   4.000   05255   07886   04085   .27845   23621   -.10190
                  GRADIENT -.00038   -.00104   - 00029   .00027   .06424   -.02455

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ023)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   -4 000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5 000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        1.150   -6.000   .05529   .09087   .04469   .26322   - 43746   .16695
        1.150   -4.000   .05456   .08871   .04383   .26570   - 29056   .10966
        1 150   -2.000   .05389   .08720   .04280   .26812   - 15281   .05606
        1 150   .000   .05286   .08556   04234   .26799   -.02436   .00397
        1.150   2 000   .05159   08349   .04205   .26657   .10555   - 04827
                  GRADIENT -.00050   - 00087   -.00029   00012   06584   - 02629

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ023)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05530	.08999	.04401	.27671	-.58871	.22467
1.205	-6 000	.05467	.08752	.04270	27813	-.42538	.15789
1 205	-4 000	.05414	08531	04210	27984	-.27777	.09983
1.205	-2 000	05331	.08340	04136	.28265	- 14157	.04684
1.205	000	05240	.08197	.04127	.28158	- 01359	-.00391
1 205	2 000	05117	.07994	04101	.28090	10930	- 05062
1 205	4 000	.05061	07750	04011	.27956	23522	-.10011
	GRADIENT	-.00046	- 00095	-.00022	-.00012	06384	-.02487

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ024)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0C00 SQ.FT   XMRP =   976 0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   -5.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.0C/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6 000	.05550	.09107	04242	.26326	-.44777	.18312
1.150	-4.000	.05469	.08864	04148	26567	-.29852	12307
1 150	-2 0C0	.05391	.08584	04021	26997	- 16128	06566
1.150	000	.05330	08333	03928	.27098	- 03165	01030
1 150	2 000	05190	.08052	.03928	.26882	09425	- 03924
	GRADIENT	- 00045	-.00134	- 00038	.00052	06540	-.02712

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05491	09009	.04151	.27653	-.59052	23591
1 205	-6 000	05402	08753	.04036	.27831	-.43335	.17179
1.205	-4.000	05339	08475	03960	28072	- 28543	.11112
1 205	-2.000	.05273	.08202	.03859	28404	- 14481	05363
1 205	000	.05198	07975	03762	.28530	-.01880	00231
1 205	2.000	05096	.07729	.03769	.28303	.10414	-.04465
1.205	4 000	04981	07447	03798	.27996	.22590	- 09069
	GRADIENT	- 00045	-.00126	- 00021	-.000'3	.06358	- 02509

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ025)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.05762	.09101	.03961	.27138	-.44657	.17366
1.150	-4 000	05633	.08806	.03851	27427	-.29832	.11348
1.150	-2.0L2	.05511	.08564	.03702	27767	-.15760	.05759
1.150	000	05412	08377	.03561	27906	-.02630	.00563
1.150	2 000	05279	.08126	03514	27715	09869	-.04612
	GRADIENT	- 00058	- 00111	- 00058	00050	.06612	-.02654

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05768	09039	.03908	.28273	-.59552	.23066
1.205	-6 000	05662	08823	03818	.28357	- 43439	.16509
1.205	-4 000	05537	08522	.03689	28666	- 28581	.10464
1 205	-2.000	.05433	.08282	.03551	.29004	-.14787	.05016
1.205	.000	.05296	08048	03395	29268	-.01724	.00027
1 205	2.000	.05178	07767	03359	29099	10583	- 04875
1.205	4 000	05063	07563	.03471	.28534	22968	-.09823
	GRADIENT	- 00060	- 00122	-.00031	- 00008	.06423	- 02523

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ026)   .(13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6 000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5 000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05989	.09189	.03676	27504	-.44495	.16693
1.150	-4.000	.05831	.08909	.03624	.27729	-.29788	.10856
1.150	-2.000	05655	.08719	.03520	.27916	- 16013	.05528
1.160	000	.05521	.08550	03399	.28008	- 02851	.00292
1 150	2.000	.05349	.08259	03443	.27776	.10207	-.05149
	GRADIENT	- 00079	- 00106	-.00033	.00012	.06657	-.02663

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ026) (13 AUO 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	6.000	ELV-LI = 12.000
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO =	-5.000	ELV-RI = 12.000
BREF	=	1290 3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO =	-5.000	
SCALE	=	.0100					

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05977	.09234	.03676	28301	-.59689	.22660
1.205	-6.000	.05867	08884	.03588	28562	-.43590	.15977
1 205	-4 000	.05714	.08548	03497	.28885	-.29011	.10222
1.205	-2 000	05563	.08398	03384	.29072	-.15210	.04937
1.205	000	05401	08192	.03245	.29294	-.02065	-.00180
1.205	2.000	05279	.07948	03280	.29065	.10553	-.05221
1 205	4 000	05167	07737	03379	.28445	.23219	-.10261
	GRADIENT	-.00069	-.00104	-.00017	-.00044	.06511	-.02556

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ027) (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA =	-6 000	ELV-LI = 12.000
LREF	=	1290.3000 INCHES	YMRP = .0000 IN YT		ELV-LO -	4 000	ELV-RI = 12.000
BREF	=	1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO =	4.000	
SCALE	=	0100					

RUN NO. 0/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04928	.09394	03815	14414	- 51100	.16144
.900	-6 000	04767	.09111	.03758	.14688	- 37615	.11048
.900	-4.000	04598	.08849	03703	.14810	-.25142	.06232
900	-2.000	04529	08546	.03650	.14990	-.12658	.01096
900	000	04455	08164	.03633	.15049	- 00134	-.03896
.900	2.000	04434	.07999	.03672	.14703	12217	-.08848
.900	4.000	04412	07842	.03592	14513	.24634	-.13341
	GRADIENT	- 00023	- 00128	-.00010	-.00044	06221	- 02454

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ027)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

RUN NO.   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05887	.10420	04565	.18801	-.55142	.18571
975	-6.000	05648	.09978	.04563	.19105	-.40462	.13013
.975	-4 000	05432	.09709	.04469	.19318	-.27376	.08383
.975	-2 000	05289	.09570	04378	19472	- 14212	.03421
975	000	05206	.09392	.04401	.19517	- 01106	-.01933
975	2 000	05239	09305	.04416	.19268	11221	- 06827
.975	4 000	05287	09316	.04504	.18764	24227	-.11774
	GRADIENT	-.00017	- 00053	.00005	- 00066	06432	-.02528

RUN NO.   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6 000	05704	.09237	04646	25978	-.40670	.13347
1.150	-4 000	.05621	.09027	.04546	26292	- 26249	.07935
1 150	-2 000	05522	08851	.04426	.26698	-.12952	.03091
1 150	000	05401	08645	.04392	.26794	.00217	-.02123
1 150	2 000	05311	.08425	04306	26852	.12984	-.07133
	GRADIENT	-.00053	-.00101	- 00038	.00089	06543	-.02521

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8 000	.05724	.09246	.04553	27163	-.56359	.19513
1 205	-6 000	05643	.08990	.04476	.27351	-.40071	.12873
1.205	-4 000	05577	08704	.04387	.27731	- 25713	.07559
1.205	-2 000	05487	08514	.04314	.28062	-.12220	.02598
1 205	000	05374	08307	.04297	.28165	00662	- 02372
1.205	2 000	.05290	.08077	.04236	.28249	13096	-.07043
1 205	4 000	05267	.07835	.04125	27962	25496	-.11784
	GRADIENT	- 00041	- 00109	-.00030	00032	06387	- 02416

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ028)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04791	.09434	.03645	.14812	-.51547	.17161
900	-6.000	.04643	.09091	.03570	.15057	-.37897	11860
.900	-4 000	.04530	08725	03482	.15191	- 25299	.06796
.900	-2 000	.04497	.08255	03442	.15350	- 12835	.01527
.900	000	04423	07901	03482	15176	- 00091	-.03808
.900	2 000	.04352	07714	.03518	14735	.12562	-.09159
.900	4 000	.04312	07623	03463	.14619	.25031	-.13613
	GRADIENT	-.00029	- 00137	00002	-.00088	06303	-.02575

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	05702	.10376	.04424	.19421	-.55261	.19398
.975	-6 000	05486	.09868	.04392	.19732	-.40683	.13811
.975	-4 000	.05303	09583	04278	.19955	-.27727	.09215
975	-2.000	.05157	09443	.04199	.19984	-.14843	.04377
975	000	05086	.09207	04257	19839	- 01989	- 00924
.975	2 000	.05168	.09081	04273	.19502	10589	- 06103
.975	4 000	05163	.09065	04357	.19063	.23944	- 11440
	GRADIENT	- 00013	- 0C070	.00012	-.00113	06439	-.02589

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.05575	.09057	.04526	.26384	- 41071	.14355
1 150	-4.000	05490	.08831	.04434	.26645	- 26485	08715
1.150	-2 000	05412	08675	.04331	.26931	- 13080	03615
1.150	000	.05296	08513	04310	26844	-.00062	-.01633
1 150	2 000	.05148	08259	04254	.26885	.12616	- 06662
	GRADIENT	-.00057	- 00094	- 00028	00032	.06516	-.02569

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ028)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05590	.09019	04459	.27641	-.56287	.20228
1.205	-6.000	.05530	08808	.04352	.27720	- 40247	.13722
1.205	-4.000	.05456	.08504	.04253	.28084	- 25677	.08075
1.205	-2 000	05366	.08307	04192	.28346	- 11922	.02778
1 205	000	05257	.08150	04198	28253	00890	- 02250
1.205	2.000	05120	.07921	04155	.28291	13066	- 06843
1 205	4.000	05076	.07694	.04050	28097	.25553	-.11650
	GRADIENT	-.00050	-.00100	-.00022	-.00002	06372	-.02454

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ029)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN XT		BETA = 000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

PUN NO.   0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04767	.09371	.03267	.14928	- 52562	.18345
.900	-6.000	04639	08913	03120	14987	-.38728	.12841
.900	-4.000	.04649	.08364	.02983	15268	-.25622	.07435
.900	-2.000	.04626	.07737	02928	15543	-.13456	.01976
900	000	04534	.07559	03015	15299	- 00598	-.03448
.900	2.000	04487	07336	03092	15095	12264	-.09149
.900	4.000	04425	07343	03140	.14832	.24746	- 13524
	GRADIENT	-.00029	-.00122	.00024	-.00066	.06323	- 02652

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ029)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05451	.10286	.04180	.19830	-.56093	.20581
.975	-6 000	05344	.09841	04051	20067	-.41523	.15062
975	-4 000	05318	.09429	.03892	20158	- 28384	.10262
.975	-2 000	05346	.09189	03767	.20201	-.15699	.05363
.975	.000	05383	.09016	.03751	.20025	-.03380	00345
.975	2.000	05449	08904	.03805	.19620	09289	-.04827
.975	4 000	.05443	.08741	03893	.19150	22600	-.10492
	GRADIENT	.00018	-.00093	00002	-.00130	.06348	-.02585

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.05577	.09085	04315	.26423	-.42351	.16091
1 150	-4.000	.05497	.08832	.04222	.26674	- 27573	.10148
1.150	-2.000	.05405	.08544	.04096	.27150	-.13564	.04390
1 150	.000	.05309	.08244	.04004	.27305	-.01029	-.00811
1.150	2.000	.05173	.08006	.04009	27031	11514	- 05744
	GRADIENT	- 00053	- 00139	-.00037	.00061	06490	-.02644

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05537	09022	04213	.27676	-.56739	.21444
1 205	-6 000	05455	08807	.04119	27810	- 40866	.15005
1 205	-4 000	.05382	08475	04029	28160	- 26034	09004
1 205	-2 000	05297	08161	03921	.28552	- 12318	.03483
1.205	000	.05208	.07946	03842	.28674	00314	-.01677
1 205	2.000	05099	.07657	.03844	28513	.12315	-.06116
1 205	4.000	04974	.07351	.03838	.28256	.24712	-.10774
	GRADIENT	-.00051	- 00138	- 00023	00008	06306	-.02458

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ030)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04826	.09217	.03073	.15766	-.52001	.17406
900	-6 000	.04667	.08879	.02980	.16016	- 38284	12135
.900	-4 000	.04529	.08494	02890	.16260	-.25497	.06975
.900	-2 000	.04535	.08026	.02839	.16410	-.13339	.01714
.900	000	.04457	07762	.02765	.16435	-.00707	-.03561
.900	2.000	04384	.07509	.02765	16220	11859	-.09064
900	4 000	04361	.07523	.02840	.16038	.24300	-.13448
	GRADIENT	-.00024	-.00123	-.00009	-.00032	.06240	- 02581

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05609	.10088	03863	20579	- 55874	.19557
.975	-6 000	.05409	.09647	.03769	.20950	-.41079	.13879
.975	-4.000	.05233	09305	03631	.21206	-.27453	08883
.975	-2.000	.05134	.09210	03495	21309	-.14808	04101
.975	.000	05131	.09160	-.03381	.21407	-.02440	-.00759
.975	2 000	.05110	08882	.03405	.20926	.10435	-.06096
.975	4 000	.05135	08792	.03548	20316	.23499	- 11480
	GRADIENT	-.00011	- 00068	-.00013	- 00108	.06357	-.02546

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05794	.09116	.04018	.27236	- 42132	15130
1 150	-4 000	05670	.08845	03913	.27434	-.27303	.09150
1 150	-2 000	.05546	.08586	03743	.27814	-.13333	.03617
1.150	.000	.05426	.08335	.03585	28107	-.00347	-.01465
1.150	2.000	.05264	08067	.03567	.27869	.12356	-.06631
	GRADIENT	- 00067	-.00128	-.00060	.00080	.06598	-.02621

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ030)   (13 AUG 76)

REFERENCE DATA				PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05817	.09053	.03964	.28326	-.56678	.20750
1.205	-6.000	.05705	.08842	03880	.28436	-.40599	.14231
1.205	-4.000	.05570	08528	03741	.29777	- 26167	.08395
1.205	-2.000	.05449	08245	.03578	.29185	-.12664	.03150
1.205	.000	.05316	.08023	.03422	.29442	00136	-.01703
1.205	2.000	05215	.07784	.03398	29200	12423	- 06554
1.205	4.000	05069	.07514	03502	.28709	.24962	-.11487
	GRADIENT	-.00062	- 00124	-.000·3	-.00006	.06367	- 02473

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ031)   (13 AUG 76)

REFERENCE DATA				PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04923	09320	.02843	.16047	-.51850	.16948
.900	-6.000	.04748	.08981	.02792	.16323	- 38463	.11881
.900	-4.000	.04621	.08704	.02748	.16509	- 25940	.06950
.900	-2.000	04631	.08366	02707	16658	-.13558	.01828
.900	.000	04558	08015	02642	.16781	-.01018	-.03461
.900	2.000	.04490	07764	.02674	.16540	11912	-.08941
.900	4.000	.04458	.07779	.02752	.16160	23926	-.13190
	GRADIENT	-.00023	- 00123	-.00001	-.00041	06260	-.02552

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ031)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05920	.10168	.03476	.20923	-.55806	.19126
.975	-6.000	.05667	.09749	.03444	.21306	-.41021	.13411
.975	-4.000	.05445	.09461	.03367	.21536	-.27687	.08489
.975	-2.000	.05290	.09359	.03272	.21571	-.14834	.03642
.975	.000	.05167	.09266	.03214	.21586	-.01824	-.01572
.975	2.000	.05136	.09028	.03272	.21216	.10874	-.06731
.975	4.000	.05199	.08961	.03410	.20466	.23964	-.11872
	GRADIENT	-.00033	-.00067	.00004	-.00125	.06451	-.02555

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.06029	.09190	.03702	.27657	-.42256	.14549
1.150	-4.000	.05873	.08927	.03644	.27838	-.27627	.08786
1.150	-2.000	.05689	.08714	.03524	.28045	-.13664	.03420
1.150	.000	.05547	.08525	.03404	.28168	-.00357	-.01829
1.150	2.000	.05357	.08215	.03466	.27915	.12581	-.07138
	GRADIENT	-.00085	-.00116	-.00033	.00018	.06697	-.02651

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.06032	.09244	.03693	.28442	-.57258	.20516
1.205	-6.000	.05924	.08913	.03615	.28665	-.41092	.13877
1.205	-4.000	.05745	.08540	.03510	.29052	-.26636	.08193
1.205	-2.000	.05566	.08338	.03369	.29353	-.13003	.03017
1.205	.000	.05431	.08166	.03247	.29484	.00034	-.02010
1.205	2.000	.05309	.07930	.03299	.29207	.12514	-.06962
1.205	4.000	.05171	.07662	.03403	.28620	.25169	-.11934
	GRADIENT	-.00070	-.00108	-.00014	-.00050	.06456	-.02512

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ032)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04165	.08708	.03720	.09389	-.43315	.12015
.600	-6 000	.04118	.08283	03618	.10065	- 31277	.07269
.600	-4.000	04051	07864	.03529	.10736	-.20756	.03471
600	-2 000	03971	.07515	.03450	.11069	- 09510	-.00720
.600	000	03901	.07288	03379	.11092	01474	- 04834
.600	2.000	03812	07195	.03290	.10838	.12615	- 09079
.600	4.000	03739	07051	03210	.10375	.23866	-.13527
	GRADIENT	- C0039	- 00097	-.00040	-.00048	.05568	-.02118

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04935	09347	.03834	.14749	-.49544	.14972
.900	-6 000	.04774	.09062	.03778	.14963	-.36273	.09951
.900	-4.000	.04604	.08819	.03726	15051	-.24006	.05180
.900	-2.000	04511	.08490	.03657	.15273	-.11070	-.00242
.900	.000	04449	08157	.03660	.15242	.01816	- 05581
.900	2 000	04407	.07931	.03709	.14851	.14529	-.10974
.900	4.000	04394	07808	.03620	.14771	27180	-.15473
	GPADIENT	-.00026	- 00129	-.00008	-.00049	06399	- 02602

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8 000	.05906	.10405	.04606	.19045	- 53832	.17326
.975	-6.000	05649	.09965	.04602	.19350	-.39132	11756
.975	-4 000	05417	09702	04511	.19570	-.25734	.06929
.975	-2 000	05261	09523	04421	.19772	-.12667	01956
975	.000	05172	09351	04432	.19772	.00244	-.03318
.975	2.000	.05187	09261	04448	.19453	13095	-.08442
975	4.000	05222	.09244	,04536	.19049	26306	- 13644
	GRADIENT	- 00023	-.00059	.00004	-.00068	06492	-.02577

LARC 8FT TPT '/49 (IA93) OTSAT130   (IJJ032)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	05723	.09226	.04671	.26211	- 39469	.12248
1 150	-4.000	05642	09022	.04570	.26523	-.25073	06839
1.150	-2 000	05545	08834	.04447	26908	-.11713	.01949
1.150	000	.05420	.08605	.04403	.27018	01354	-.03211
1 150	2.000	.05332	08391	.04327	.27035	.14030	-.08153
	GRADIENT	-.00053	-.00106	-.00039	.00082	.06519	- 02507

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05752	.09265	04596	.27273	- 55293	.18550
1 205	-6 000	05669	08979	04502	.27546	-.38992	11923
1.205	-4 000	.05603	08698	.04413	.27921	- 24578	.06534
1 205	-2.000	05501	08488	04337	.28274	- 10970	.01500
1.205	000	05379	08261	.04313	.28393	.01852	-.03378
1.205	2.000	.05304	.08041	.04252	.28451	.14143	-.07962
1.205	4.000	.05271	.07783	.04138	.28181	.26623	-.12809
	GRADIENT	-.00043	- 00114	- 00032	.00035	.06376	-.02407

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ033)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = -4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04145	.08472	03567	.10083	- 42933	.12128
.600	-6.000	04072	.06069	.03457	.10763	- 31186	.07534
600	-4 000	.03978	.07679	.03372	.11318	- 20536	03696
600	-2 000	03911	.07374	.03336	.11626	- 09741	-.00229
.600	000	03919	.07135	.03244	.11690	.01100	-.04339
.600	2 000	03717	.07028	.03150	11358	.11966	-.08522
.600	4 000	03597	.06877	.03105	10937	.23540	-.13040
	GRADIENT	- 00048	- 00097	- 00036	-.00051	05493	-.02088

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8.000	.04777	.09357	03652	.15206	-.50018	.15991
.900	-6.000	.04629	.09030	03579	15338	-.36535	10730
900	-4 000	.04523	08695	03507	.15424	-.23987	05673
900	-2.000	.04487	.08197	.03460	.15612	-.11440	.00286
.900	000	.04431	.07899	03507	.15361	.01433	-.05288
.900	2.000	04336	.07662	.03529	.15023	.14852	-.11225
.900	4.000	04286	.07563	.03476	.15037	.27554	-.15777
	GRADIENT	-.00031	-.00140	00000	-.00068	.06469	- 02721

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05705	.10342	04472	.19688	-.53898	.18166
.975	-6 000	05479	09837	.04435	20009	- 39039	.12415
.975	-4 000	05284	.09556	.04318	.20229	-.25915	.07692
975	-2.000	05119	.09378	.04245	20300	-.13404	.03028
.975	.000	.05040	09139	.04292	20152	-.00516	-.02402
975	2.000	05103	.09056	.04328	19695	.12564	-.07780
975	4.000	.05083	.09018	04424	.19322	.25909	- 13192
	GRADIENT	-.00021	-.00070	00015	-.00121	.06481	-.02629

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ033)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05602	09038	.04556	.26629	-.39735	.13238
1 150	-4.000	05512	.08799	.04460	.26921	-.25149	.07578
1.150	-2 000	.05428	.08631	04355	.27181	- 11771	02447
1.150	000	.05305	.08454	04345	.27105	.01184	-.02782
1 150	2 000	05165	.08214	.04283	.27120	.13727	- 07743
GRADIENT		- 00058	-.00097	- 00027	.00026	.06479	-.02560

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05638	09080	.04516	.27681	- 55212	.19225
1 205	-6 000	.05559	08791	.04375	.27939	-.39235	12763
1 205	-4.000	05474	08461	04273	.28357	-.24555	.07067
1 205	-2.000	.05376	08260	.04213	.28644	-.10786	.01738
1.205	000	05273	.08115	.04226	.28514	.01840	-.03183
1.205	2.000	.05149	.07917	.04185	.28455	.14232	-.07833
1 205	4.000	05087	.07673	04078	.28261	.26558	- 12612
GRADIENT		- 00050	- 00096	-.00021	-.00019	.06362	- 02446

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ034)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100		

BETA   =   .000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8 000	.04021	.08202	.03272	.10751	-.43691	.13098
.600	-6.000	.03970	.07878	.03123	.11219	- 31747	.08404
.600	-4 000	.03877	.07478	.02989	.11847	-.20665	.04252
.600	-2.000	03814	.07261	.02951	.12041	-.10202	.00374
.600	.000	03719	07089	02882	.12093	.00618	-.03712
.600	2 000	.03623	06960	.02874	.11698	.11744	-.08136
.600	4.000	.03470	06583	.02863	.11236	.23266	- 12748
	GRADIENT	-.00050	-.00110	-.00016	-.00078	.05490	-.02126

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04717	.09364	.03324	.15266	-.51229	.17235
900	-6 000	.04644	.08869	.03149	.15367	-.37302	.11717
900	-4.000	.04599	.08282	.02984	.15650	-.24155	.06200
.900	-2.000	.04618	.07708	.02958	.15811	-.12170	.00761
.900	.000	.04510	.07500	.03011	.15763	.01353	-.05226
.900	2 000	.04468	.07302	.03093	.15486	.14400	-.11184
900	4.000	04399	.07281	.03138	.15247	.27112	-.15677
	GRADIENT	-.00027	-.00120	.00022	-.00057	.06455	-.02785

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
975	-8.000	.05436	.10275	.04230	.20117	-.54798	.19381
.975	-6.000	.05312	.09821	.04089	.20319	-.40153	.13795
.975	-4.000	.05266	09404	.03934	.20399	-.26863	.08883
.975	-2.000	.05291	.09148	03816	.20494	-.14437	.04049
.975	.000	.05331	08950	.03802	.20379	-.01800	-.01159
.975	2.000	.05395	.08836	03854	.19955	.11074	-.06438
.975	4.000	.05386	.08660	.03939	.19425	.24231	-.12012
	GRADIENT	.00017	-.00090	.00002	-.00124	.06385	-.02614

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ034)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	05604	.09079	.04343	.26636	-.41202	.15018
1.150	-4.000	.05512	.09798	.04245	.26944	-.26232	.08981
1.150	-2 000	05416	.08513	.04128	.27400	-.12228	.03189
1.150	000	05315	.08233	.04051	.27518	.00409	-.02047
1.150	2.000	.05157	.07947	.04042	.27344	12809	-.06861
	GRADIENT	-.00058	- 00142	-.00034	.00066	06488	-.02638

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05554	.09009	.04222	.27927	-.55322	20265
1.205	-6.000	.05463	.08748	.04128	.28147	-.39618	.13913
1.205	-4.000	.05403	.08442	.04059	.28419	-.25030	.08021
1.205	-2.000	.05316	.08138	.03951	.28801	-.11371	02538
1.205	.000	.05216	.07912	.03876	.28990	.01264	-.02525
1.205	2 000	.05110	.07652	.03874	.28723	.13542	-.07143
1.205	4.000	.05003	.07366	.03868	.28380	25671	-.11704
	GRADIENT	- 00050	-.00132	-.00023	-.00008	.06316	-.02457

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04053	.08207	.02950	.11496	-.43967	.12688
.600	-6.000	.03959	.07867	.02830	.12191	-.31893	.08090
600	-4 000	03865	.07497	.02706	12805	-.20797	03976
600	-2 000	.03781	07172	.02610	.13174	- 10187	- 00182
.600	.000	.03725	07062	02547	13052	.00919	- 04415
600	2 000	03632	06916	.02545	.12634	11990	- 08707
.600	4 000	03520	06697	02626	.11920	.23599	- 13222
	GRADIENT	- 00042	-.00093	- 00011	- 00115	.05549	-.02146

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04801	09225	.03095	.16092	-.50506	.16252
.900	-6 000	04635	.08877	.02991	.16313	- 36993	.11070
.900	-4 000	.04503	.08481	.02901	.16543	- 24561	.05913
.900	-2.000	.04513	.08001	.02842	.16718	-.11820	.00276
900	.000	.04435	.07729	02769	.16841	.01445	-.05451
900	2 000	.04362	.07446	.02766	.16665	.14688	-.11431
900	4 000	.04321	.07434	02835	.16407	.27320	-.15904
	GRADIENT	-.00026	-.00133	-.00010	-.00016	.06514	-.02767

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.05595	.10073	.03893	20880	-.54235	.18219
.975	-6.000	.05383	.09634	.03796	.21247	-.39571	.12607
.975	-4 000	.05225	.09318	.03657	.21489	-.26178	.07658
.975	-2 000	.05086	.09161	.03492	.21674	-.13297	.02729
.975	000	.05077	09101	.03378	.21704	-.00982	-.02179
.975	2 000	.05075	08856	.03419	.21156	12079	-.07636
.975	4.000	05110	.08745	03592	.20599	.25563	-.13285
	GRADIENT	-.00012	-.00072	-.00010	-.00115	.06443	-.02613

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ035)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05793	.09062	.04038	.27531	-.40677	.13934
1.150	-4.000	.05655	.08767	.03917	.27774	-.26116	.08046
1.150	-2.000	.05541	.08509	.03740	.28134	-.12519	.02656
1.150	.000	.05434	.08287	.03600	.28394	.00720	-.02653
1.150	2.000	.05265	.08013	.03588	.28155	.13279	-.07580
	GRADIENT	-.00064	-.00124	-.00056	.00070	.06571	-.02604

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05859	.09094	.03999	.28443	-.55658	.19753
1.205	-6.000	.05739	.08856	.03908	.28590	-.39872	.13388
1.205	-4.000	.05589	.08522	.03770	.28982	-.25320	.07521
1.205	-2.000	.05457	.08223	.03595	.29439	-.11509	.02117
1.205	.000	.05320	.07990	.03435	.29674	.01442	-.02770
1.205	2.000	.05208	.07696	.03425	.29445	.13442	-.07443
1.205	4.000	.05080	.07473	.03532	.28868	.25989	-.12411
	GRADIENT	-.00063	-.00131	-.00032	-.00011	.06378	-.02471

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ036)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA   =   6.000   ELV-LI =   12.000
ELV-LO =   9.000   ELV-RI =   12.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8 000	.04120	.08271	.02723	.11779	-.43939	.12534
.600	-6.000	04018	.07896	.02618	12490	-.31919	.07848
600	-4 000	03940	.07592	.02566	.12891	-.21439	.03890
.600	-2 000	03872	.07331	.02495	.13079	-.09808	-.00572
.600	.000	.03803	07144	.02418	13087	.01161	-.04804
.600	2 000	03732	07029	.02462	12566	12431	.09217
.600	4 000	03625	06820	.02534	.11837	.23852	-.13693
	GRADIENT	-.00039	- 00092	-.00005	-.00131	.05641	- 02191

RUN NC   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	04914	.09312	.02851	.16422	-.50513	15852
900	-6.000	04739	.09004	.02808	.16564	- 37188	.10815
.900	-4 000	.04600	.08699	.02755	.16787	-.24733	.05837
.900	-2.000	.04591	.08306	02696	.17008	-.12310	.00524
.900	.000	04542	07979	02637	.17111	.00917	-.05208
.900	2.000	04479	07717	.02670	.16918	.14291	-.11100
.900	4.000	04419	07683	.02737	.16499	26563	-.15477
	GRADIENT	- 00024	- 00131	- 00003	- 00033	.06460	-.02713

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	05948	.10184	.03496	21236	-.54448	.17874
.975	-6.000	05658	.09748	.03453	.21606	-.39650	.12146
.975	-4.000	.05415	09443	.03382	.21791	- 26167	.07124
.975	-2.000	.05259	09316	.03285	.21881	-.13128	.02170
.975	.000	05142	.09208	.03220	.21892	-.00128	-.03091
.975	2.000	.05118	08995	.03275	.21418	.12522	-.08299
975	4.000	05155	08908	.03421	.20782	.25938	-.13674
	GRADIENT	- 00033	-.00070	.00003	-.00124	.06493	-.02603

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ036)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI	=	12.000
ELV-RI	=	12.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.06047	.09187	03714	.27870	-.40897	.13419
1.150	-4.000	.05881	.08903	.03651	.28074	-.26328	.07707
1.150	-2 000	05691	.08666	03520	.28326	- 12694	.02463
1.150	000	05552	.08462	03399	.28445	.00752	-.02889
1.150	2 000	05376	08179	03476	.28128	.13666	-.08180
	GRADIENT	- 00083	- 00119	-.00032	.00014	06671	-.02651

RUN NO.   0/ 0   RN/L =   4.22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8.000	.06069	.09251	.03716	.28614	-.56059	.19473
1.205	-6 000	05944	.08874	03629	.28915	- 40098	12963
1.205	-4 000	.05760	.08529	03524	.29262	-.25671	.07282
1 205	-2 000	05578	08325	03377	.29557	-.11991	.02046
1.205	000	05442	08137	03254	.29683	.01172	-.03014
1.205	2.000	.05326	.07891	.03312	.29371	.13592	-.07929
1 205	7.000	.05180	.07622	03415	28790	26179	- 12850
	GRADIENT	- 00071	-.00112	-.00014	-.00056	.06464	- 02512

LARC 8FT TPT '/49 (IA93) OTSAT130   (IJJ037)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE = .0100				

BETA   = -6.000   ELV-LI = 12.000
ELV-LO = 14.000   ELV-RI = 12.000
ELV-RO = 14.000

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	04909	09386	.03905	.15084	- 47801	.13560
-6 000	04752	.09100	.03848	.15332	-.34405	.08395
-4 000	04588	.08856	03801	15470	-.22013	.03546
-2 000	04518	.08584	03746	.15610	-.09166	-.01858
000	04462	.08214	.03724	15629	.04033	-.07479
2 000	04419	.07950	.03755	.15261	17240	-.13181
4 000	04373	.07778	03659	.15210	.29783	-.17657
GRADIENT	~ 00026	-.00139	- 00014	-.00043	.06500	-.02686

RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5 00

MACH   =   .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	05930	10401	.04652	.19568	-.51849	.15826
-6.000	05654	09950	04650	.19854	- 37007	10128
-4.000	05406	09668	04569	.20056	-.23728	.05323
-2.000	05237	09472	.04481	.20320	-.10596	.00304
.000	.05153	.09317	.04491	.20296	.02741	-.05256
2 000	05146	.09191	04492	.20108	15612	-.10533
4 000	05194	09168	.04560	.19728	29037	- 15849
GRADIENT	-.00026	-.00064	- 00000	- 00043	06587	- 02659

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ038)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   =   2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4.000   ELV-LI =   12.000
LREF   =   1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF   =   1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .900
        ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        -8 000   .04744   .09395   .03731   15648   - 48470   14654
        -6 000   .04613   09080   .03663   .15772   - 34783   .09207
        -4 000   04504   08763   03596   .15832   - 21988   .04014
        -2.000   04467   08326   .03544   .15951   -.09311   -.01490
          000   .04427   .07936   .03556   .15870   .03984   -.07276
         2 000   .04375   .07718   .03595   .15384   .17128   -.13227
         4.000   .04294   .07543   .03535   15422   .30231   -.18066
        GRADIENT   -.00026   -.00152   -.00004   - 00069   06544   -.02795

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .975
        ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        -8 000   05718   10330   04519   .20190   -.52119   .16729
        -6 000   .05469   09806   04483   .20495   -.37108   10861
        -4.000   05257   .09504   .04383   .20663   -.23831   .06001
        -2.000   .05084   .09324   .04318   .20756   -.11149   01253
          000   .04998   .09106   .04364   20676   \.02400   - 04564
         2 000   .05038   09015   .04390   20300   .15079   -.09861
         4.000   .05043   .08957   04452   .20053   28492   -.15348
        GRADIENT   - 00024   - 00070   .00010   - 00084   .06544   -.02691

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJO39)   (13 AUG 76) .

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	.000
ELV-LO	=	14.000
ELV-RO	=	14.000

ELV-LI =	12.000
ELV-RI =	12.000

RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.04654	.09357	.03415	.15836	-.49829	.16093
-6.000	.04598	.08865	03243	.15973	-.35545	.10236
-4 000	.04593	.08305	.03077	.16228	-.22100	.04434
-2.000	.04595	.07711	.03034	.16461	-.09837	-.01118
000	.04501	.07455	.03073	.16374	.04081	-.07350
2 000	.04461	.07288	.03152	16080	.17224	-.13384
4.000	.04390	.07236	.03182	.15827	.30050	-.18088
GRADIENT	-.00027	-.00128	.00016	-.00059	.06568	-.02865

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05404	.10224	.04243	20651	-.52608	.17792
-6.000	05269	.09774	.04118	.20826	-.37955	12102
-4.000	.05214	.09361	04002	.20961	-.24820	.07190
-2 000	.05223	.09075	.03906	.21110	-.11847	.02139
.000	.05264	08886	.03894	.20934	.01019	-.03271
2.000	.05326	08764	.03917	.20587	.13570	-.08436
4.000	.05322	.08585	.03956	.20237	.27074	-.14281
GRADIENT	.00016	-.00093	-.00004	-.00099	.06460	-.02676

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ040)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT                    BETA    =    4.000   ELV-LI =   12.000
LREF  = 1290.3000 INCHES   YMRP  =     .0000 IN. YT                     ELV-LO  =   14.000   ELV-RI =   12.000
BREF  = 1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT                    ELV-RO  =   14.000
SCALE =    .0100
```

RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.04759	.09233	.03162	.16647	-.49126	.15080
-6 000	.04609	08901	.03069	.16818	-.35193	.09597
-4 000	.04472	08495	.02952	.17124	-.22346	.04204
-2.000	.04488	.08011	.02872	.17349	-.09738	-.01433
000	04450	.07767	.02817	17373	.03826	- 07362
2.000	.04394	.07522	.02790	.17162	.16761	-.13177
4.000	.04342	07423	.02873	.16899	.30118	-.18195
GRADIENT	-.00018	-.00132	-.00012	-.00032	.06571	-.02827

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05608	.10069	.03944	.21385	-.52674	.16982
-6.000	05378	09630	03846	.21686	-.37921	11244
-4.000	.05193	.09269	.03686	.21975	- 24416	06110
-2 000	.05077	.09111	.03524	.22243	-.11178	.01019
.000	.05065	.09017	.03415	.22326	.01574	-.04160
2.000	05068	08795	03476	.21704	.14648	-.09752
4 000	.05103	08704	.03637	.21260	.28192	-.15410
GRADIENT	- 00009	-.00072	- 00007	-.00098	06552	-.02691

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ041)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	04901	09328	.02885	16908	-.49208	.14696
-6 000	.04721	.08994	.02840	17116	- 35531	.09397
-4 000	04574	08719	02779	.17344	- 22848	.04221
-2 000	04552	08380	02712	.17481	- 10066	-.01287
000	04505	08002	02654	17648	.03655	-.07330
2 000	04473	07741	02671	.17423	16769	-.13135
4 000	04424	07654	02749	17013	29482	-.17811
GRADIENT	-.00019	-.00138	- 00005	- 00036	06575	-.02796

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05965	10186	03533	.21688	- 52946	.16618
-6.000	05658	09744	03484	22066	-.38040	.10801
-4 000	05413	09427	03407	22273	- 24427	05675
-2 000	05265	09288	03313	.22387	-.11132	.00555
000	.05145	.09156	03251	.22460	.02134	-.04924
2.000	.05113	.08968	.03317	.21988	,.14814	- 10271
4 000	.05152	08864	03476	.21383	.28350	-.15714
GRADIENT	- 00034	- 00072	00007	- 00109	06575	- 02680

LARC 8FT TPT /49 (IA93) OTSATI30   .   (IJJ042)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	.
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA   =   -6.000   ELV-LI =   8.000
ELV-LO =   14.000   ELV-RI =   8.000
ELV-RO =   14.000

RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5 00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.04993	.09332	.03822	.14764	- 49296	.14667
-6 000	04828	09062	.03773	.15040	-.35814	.09479
-4 000	04647	.08861	.03749	15235	-.23190	.04520
-2.000	.04560	.08548	.03695	.15469	- 10386	- 00879
.000	.04468	.08157	03696	15525	.02896	-.06457
2.000	04448	.07949	03743	.15131	16114	- 12216
4.000	.04438	07782	.03643	.14975	28437	-.16574
GRADIENT	-.00027	-.00138	-.00008	- 00043	06488	- 02676

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05918	.10418	04621	19247	-.53498	.17034
-6.000	'.05679	.10013	04620	19503	- 38705	.11350
-4.000	05458	09755	.04539	19684	-.25350	06512
-2.000	05306	.09567	04455	.19931	- 12152	01528
000	05209	.09371	04469	.19937	00836	-.03775
2.000	.05211	09256	04487	.19624	.13450	-.08869
4 000	.05267	09233	.04561	,19207	.26961	-.14216
GRADIENT	-.00024	-.00068	00004	-.00063	.06511	- 02593

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ043)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	04825	09358	03645	.15245	- 49820	.15666
-6 000	04691	09037	.03576	.15446	- 36196	.10297
-4 000	04585	.08747	03526	.15546	-.23234	.04987
-2 000	.04525	08252	03482	.15754	-.10528	- 00553
.000	04460	.07910	03538	.15669	02511	-.06163
2.000	04421	.07719	03593'	.15264	.16424	-.12457
4.000	04348	07565	03527	.15177	.28824	-.16969
GRADIENT	-.00029	-.00145	.00006	-.00061	.06553	-.02791

RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.05736	10388	.04485	.19854	-.53796	.17959
-6 000	05510	09897	.04448	.20123	-.38727	.12062
-4 000	.05321	.09622	04345	.20298	-.25264	07129
-2.000	.05152	.09417	.04278	.20445	⌐.12445	02326
000	.05070	.09174	04335	.20288	.00222	- 02965
2 000	05126	.09083	.04371	.19865	.12972	-.08254
4 000	.05138	08995	.04448	.19557	.26422	-.13733
GRADIENT	-.00020	-.00079	00015	-.00103	.06439	-.02615

LARC 8FT TPT /49 (IA93) OT5ATI30   (IJJ044)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.04737	.09358	.03329	.15483	-.51140	.16997
-6.000	.04667	.08851	.03159	.15602	-.36892	.11162
-4.000	.04644	.08261	.02993	.15853	-.23289	.05307
-2.000	.04638	.07673	.02956	.16145	-.10994	-.00279
.000	.04546	.07485	.03041	.16026	.02523	-.06239
2.000	.04490	.07249	.03114	.15867	.15732	-.12209
4.000	.04431	.07237	.03193	.15437	.28565	-.16853
GRADIENT	-.00029	-.00124	.00028	-.00055	.06522	-.02813

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.05481	.10288	.04213	.20380	-.54140	.18882
-6.000	.05350	.09816	.04088	.20654	-.39551	.13233
-4.000	.05305	.09401	.03959	.20725	-.26032	.08110
-2.000	.05316	.09122	.03846	.20844	-.13393	.03204
.000	.05365	.08958	.03823	.20602	-.01205	-.01727
2.000	.05409	.08807	.03888	.20179	.12177	-.07204
4.000	.05365	.08605	.03986	.19674	.25283	-.12759
GRADIENT	.00011	-.00095	.00005	-.00138	.06410	-.02607

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ045)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE =	.0100		

BETA =	4.000	ELV-LI =	8.000
ELV-LO =	14.000	ELV-RI =	8.000
ELV-RO =	14.000		

RN/L -   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.04826	.09219	.03116	.16205	-.49906	.15779
-6.000	.04655	.08869	.03018	.16418	-.36010	.10318
-4.000	.04536	.08461	.02926	.16743	-.23408	.05024
-2.000	.04586	.07985	.02873	.16963	-.11220	-.00358
.000	.04486	.07740	.02810	.17074	.02395	-.06310
2.000	.04413	.07446	.02811	.16916	.15795	-.12361
4.000	.04375	.07425	.02897	.16536	.28224	-.16883
GRADIENT	-.00025	-.00130	-.00006	-.00023	.06514	-.02791

RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.05629	.10132	.03914	.20931	-.54133	.18042
-6.000	.05429	.09704	.03802	.21265	-.39323	.12315
-4.000	.05257	.09352	.03650	.21561	-.25825	.07215
-2.000	.05112	.09170	.03496	.21816	-.13088	.02329
.000	.05079	.09091	.03414	.21950	-.00032	-.02879
2.000	.05080	.08944	.03491	.21320	.12893	-.08322
4.000	.05098	.08716	.03664	.20772	.26414	-.13972
GRADIENT	-.00017	-.00080	.00001	-.00104	.06523	-.02651

LARC 8FT TPT '/49 (IA93) OTSATI30   (IJJ046)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                    RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

          MACH   =   .900
                    ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
                    -8 000   04960   .09303   .02882   .16544   -.50130   .15475
                    -6 000   .04788   08986   .02834   .16739   -.36647   .10253
                    -4 000   04644   .08706   .02777   .16936   -.23882   .05066
                    -2.000   .04634   .08339   .02714   17211   -.11395   -.00261
                     000   .04547   .07983   .02646   .17436   .01971   -.06165
                    2.000   .04520   07730   .02697   .17102   .15652   -.12176
                    4.000   .04457   .07679   .02778   .16700   .27958   -.16537
                    GRADIENT   -.00024   -.00133   -.00001   - 00029   .06536   - 02756

                    RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

          MACH   =   975
                    ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
                    -8.000   .05950   .10210   .03511   .21301   -.54068   .17595
                    -6.000   .05713   09815   .03452   21636   -.39341   .11859
                    -4.000   .05480   .09511   .03375   .21847   -.26072   .06873
                    -2.000   .05295   .09334   .03283   .22008   -.12943   .01815
                     .000   .05168   .09226   03244   .22055   ,00486   -.03667
                    2.000   .05125   08988   .03325   .21630   .13314   -.09003
                    4 000   .05164   .08889   .03481   .21012   .26650   - 14336
                    GRADIENT   -.00040   -.00079   .00013   -.00102   .06585   -.02662

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ047)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.05014	.09348	.03733	.14154	-.51759	.16603
.900	-6.000	.04861	.09036	.03678	.14489	-.38015	.11325
.900	-4.000	04699	.08817	03641	14671	-.25413	.06400
.900	-2.000	.04615	.08545	.03597	.14780	-.13000	.01303
900	000	.04522	.08169	.03595	.14725	-.00853	-.03430
900	2.000	.04491	.08012	.03605	.14492	.10770	-.07839
.900	4.000	.04473	.07843	.03558	.14246	23400	-.12426
	GRADIENT	-.00029	-.00124	- 00008	-.00057	.06070	- 02340

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	05900	.10414	04543	.18341	-.56191	.19307
975	-6.000	05689	.09987	04543	.18713	-.41394	.13652
975	-4.000	.05515	.09788	04466	.18954	-.28055	.08884
.975	-2.000	.05363	.09619	.04372	.19127	-.14849	.03906
.975	000	.05275	.09449	.04370	.19156	-.01989	-.01294
975	2.000	.05318	.09328	.04391	.18882	.10221	- 06034
.975	4 000	.05391	.09354	.04455	.18402	.22792	-.10611
	GRADIENT	-.00015	-.00058	-.00000	-.00067	.06738	- 02447

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05594	09284	.04606	.25706	-.42001	.14352
1.150	-4.000	.05533	.09112	.04522	.25986	-.27634	.08994
1.150	-2.000	.05448	08940	04411	.26382	-.14162	.04049
1.150	000	.05343	.08747	.04366	.26453	- 00846	- 01253
1.150	2.000	.05271	.08548	.04306	.26496	.11635	-.06122
	GRADIENT	-.00045	-.00094	-.00035	.00080	.06556	-.02533

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ047)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05584	.09276	.04530	.26826	- 57403	.20437
1.205	-6 000	.05507	.09041	04439	.27064	- 41221	.13830
1.205	-4 000	.05451	08809	04366	.27395	- 26904	.08500
1 205	-2 000	05366	.08615	.04297	.27725	-.13338	03500
1 205	000	.05266	.08405	04268	.27881	- 00535	- 01430
1.205	2 000	.05205	08187	04218	.27939	11948	-.06110
1.205	4.000	05200	07947	04123	.27643	.24386	-.10890
	GRADIENT	-.00033	-.00108	- 00028	.00035	.06393	- 02420

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ048)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   975.0000 IN. XT   BETA   =   -4 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04872	.09420	.03555	.14520	-.52264	.17599
.900	-6.000	.04748	.09039	.03496	.14796	-.38153	12016
.900	-4.000	.04642	.08716	03426	.14982	-.25467	.06913
900	-2 000	04562	.08245	03373	.15153	-.13304	01740
.900	000	04456	07860	.03407	.14935	- 00950	-.03304
900	2.000	04402	07741	03432	.14562	.10852	-.07990
900	4 000	04371	.07644	03429	.14403	23797	-.12739
	GRADIENT	- 00035	-.00132	00003	-.00087	.06134	- 02452

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ048)   (13 AUG 76)

| REFERENCE DATA | PARAMETRIC DATA |

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	05734	.10387	.04392	.18975	-.56327	.20119
.975	-6 000	05533	.09894	04362	.19325	-.41400	.14360
.975	-4 000	.05380	09679	.04260	.19536	-.28193	.09661
.975	-2 000	.05226	.09503	.04177	19622	- 15603	.04948
.975	.000	.05161	09280	.04221	.19461	- 03028	-.00279
975	2.000	05249	09130	04268	.19042	- 05361	-
.975	4.000	.05260	09069	04326	.18690	.22582	- 10447
	GRADIENT	- 00011	-.00080	00011	-.00114	.06337	-.02526

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.05483	.09102	.04490	.26036	- 42339	15324
1.150	-4 000	05414	.08899	.04403	26314	- 27925	.09773
1 150	-2.000	05353	.08778	04315	.26557	-.14277	.04547
1 150	000	05250	08662	04302	.26466	-.01052	- 00798
1 150	2.000	05114	.08400	.04251	26510	11335	- 05707
	GRADIENT	-.00050	-.00081	-.00023	.00025	.06550	-.02589

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ '5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05465	.09012	04421	.27336	-.57342	.21098
1.205	-6.000	05392	.08805	.04303	27458	-.41237	.14606
1 205	-4 000	.05326	08577	.04233	27720	- 26654	.08947
1.205	-2.000	05239	08393	.04172	.28028	- 13219	.03750
1.205	.000	05144	08252	.04175	.27965	-.00666	-.01106
1.205	2 000	.05037	.08035	04133	27985	11913	-.05871
1 205	4.000	.04996	.07799	04041	.27818	24169	-.10646
	GRADIENT	-.00043	-.00096	-.00021	.00008	.06339	-.02440

LARC 8FT TPT /49 (1A93) OTSAT130   (IJJ049)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA   =   .000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04825	.09377	.03176	14628	- 52827	.18533
.900	-6 000	.04752	.08894	.03031	.14828	-.38723	.12826
.900	-4 000	.04715	.08340	02898	15040	-.25884	.07456
.900	-2.000	.04670	.07745	.02869	.15263	-.13781	02064
900	000	.04532	07530	02941	.15157	- 01125	-.03189
.900	2.000	.04481	.07320	.03013	.14853	11210	-.08470
.900	4 000	.04414	07313	03066	.14680	23000	-.12292
	GRADIENT	-.00039	- 00124	00024	- 00057	.06138	-.02502

RUN NO   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05530	.10353	04141	.19391	- 56866	.21153
975	-6 000	.05424	09926	04022	19572	-.42058	.15461
.975	-4.000	.05385	.09510	03859	.19769	-.28791	.10557
.975	-2.000	.05403	.09238	03719	19935	-.16571	.05833
.975	.000	.05444	09053	.03686	.19790	-.04295	.00899
.975	2.000	05512	08904	.03748	.19357	08731	-.04391
975	4 000	05496	.08713	03879	.18899	21461	- 09656
	GRADIENT	00017	- 00096	00003	-.00116	06290	- 02533

RUN NO.   0/ 0   RN. L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6 000	05504	09147	.04282	25958	- 43389	16902
1.150	-4.000	.05410	08918	.04197	.26206	- 28610	.10976
1 150	-2 000	05325	08703	04100	.26603	-.14647	05239
1 150	.000	05246	.08459	.04007	.26787	-.02191	.00116
1.150	2.000	.05104	.08126	.03984	.26646	.10360	-.04775
	GRADIENT	- 00050	- 00131	-.00037	.00075	06468	- 02619

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ049)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8.000	05442	.09023	04174	.27282	-.57655	.22199
1.205	-6.000	.05337	08771	.04065	.27509	-.41879	.15823
1.205	-4.000	05263	08492	03985	.27816	-.27142	.09835
1.205	-2 000	05182	.08247	.03892	.28182	-.13546	.04385
1.205	000	.05105	.08051	.03822	.28292	- 01057	-.00515
1.205	2 000	.05009	.07795	.03817	.28084	11238	-.05130
1.205	4 000	.04886	07472	03819	27863	23285	- 09733
	GRADIENT	-.00046	- 00125	- 00020	-.00000	.06282	- 02433

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ050)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.300C INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8.000	.04890	.09250	.03043	.15457	-.52041	.17395
.900	-6.000	.04734	.08913	.02937	15707	-.38584	.12176
.900	-4.000	04581	08505	.02841	.15988	- 25962	.07146
.900	-2.000	04575	.08104	.02823	.15978	- 13837	.01954
.900	000	04469	.07800	.02760	.16120	-.01400	-.03178
.900	2.000	.04369	.07536	.02755	.15938	.11801	- 08802
.900	4 000	.04351	.07526	.02831	.15669	.23355	-.12565
	GRADIENT	-.00033	-.00126	-.00004	-.00034	.06214	-.02509

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

             MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
             .975   -8.000   .05608   .10122   .03819   .20101   -.57009   20357
             .975   -6.000   .05429   .09688   .03716   .20484   -.42100   .14634
             .975   -4.000   .05279   .09366   .03577   20783   -.28549   .09580
             .975   -2 000   .05150   .09237   .03444   .20950   -.15810   .04759
             .975   000   05132   .09166   .03356   .21082   -.03240   -.00118
             .975   2.000   .05141   .08886   .03402   .20582   .09401   -.05441
             .975   4 000   .05181   .08785   .03559   .19966   .22689   -.10769
                       GRADIENT   -.00010   -.00076   -.00004   -.00100   .06384   -.02545

                    RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

             MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
             1.150   -6.000   .05691   .09098   .03929   27101   -.43114   .15975
             1.150   -4 000   05585   .08863   .03818   .27307   -.28503   .10070
             1.150   -2.000   .05489   08670   .03693   .27510   -.15003   .04725
             1.150   .000   .05387   .08473   .03586   .27634   -.01592   -.00457
             1 150   2.000   .05235   .08203   .03574   .27394   .10979   - 05562
                       GRADIENT   -.00058   -.00109   -.00042   .00019   .06593   -.02604

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

             MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
             1.205   -8.000   .05734   .09083   .03889   .28029   -.57801   .21577
             1.205   -6 000   .05622   .08862   .03794   .28204   -.41861   .15101
             1.205   -4 000   .05495   .08607   03674   .28469   -.27420   .09316
             1.205   -2 000   .05377   .08356   .03538   .28805   -.13909   .04136
             1.205   000   .05259   .08162   .03421   .28973   -.01106   -.00708
             1.205   2.000   .05118   .07855   .03398   .28845   .11252   -.05541
             1.205   4.000   .04990   .07611   .03523   .28331   .23646   -.10464
                       GRADIENT   -.00063   -.00125   -.00022   - 00012   .06365   -.02462

LARC 8FT TPT /49 (IA93) OTSAT130

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE =   .0100

BETA   =   6.000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04973	.09348	.02839	.15722	-.51881	.16960
900	-6 000	.04816	.09011	.02784	.16014	-.38714	.11963
.900	-4 000	04676	08739	02732	.16212	-.26332	.07170
900	-2 000	.04641	.08421	.02696	.16277	-.14079	.02145
900	000	.04565	08080	02639	.16389	-.01567	-.03068
.900	2 000	04506	.07817	02679	.16220	.10890	-.08223
.900	4 000	.04472	.07822	.02755	15815	.22851	-.12201
	GRADIENT	-.00027	-.00122	00001	-.00043	.06167	-.02456

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.05912	.10215	03439	20436	- 57171	.19989
.975	-6.000	.05706	.09800	03392	.20838	-.42362	.14260
.975	-4 000	.05504	09492	.03321	.21101	-.28796	.09238
975	-2 000	.05332	.09376	03237	.21203	-.15643	.04226
.975	.000	.05208	.09291	.03193	.21297	- 02565	-.01007
.975	2.000	.05167	.09061	.03253	.20889	.09779	-.06036
.975	4.000	.05238	.08974	03403	20194	.22883	-.11036
	GRADIENT	-.00035	-.00068	.00009	-.00106	.06439	-.02541

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	05957	.09280	.03641	.27369	-.43262	.15436
1.150	-4.000	.05808	.09024	.03582	.27568	-.28771	.09746
1.150	-2.000	.05638	08820	03484	.27726	-.15163	.04563
1.150	.000	.05500	.08630	03384	.27796	-.01697	-.00761
1.150	2.000	.05332	.08345	.03470	.27489	.11291	-.06138
	GRADIENT	-.00078	- 00111	-.00022	-.00008	.06683	-.02649

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ051)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	05966	.09287	03644	.28150	-.58338	.21366
1 205	-6 000	05854	.08963	03559	.28398	-.42172	.14739
1.205	-4.000	.05685	.08661	.03469	.28663	-.27939	09210
1.205	-2 000	.05499	.08444	.03338	.28970	-.14490	04130
1 205	000	.05364	08275	03230	.29121	-.01222	- 01036
1 205	2 000	05240	08019	.03301	.28869	11333	- 06020
1 205	4.000	.05116	.07766	.03414	.28267	.23954	-.10979
	GRADIENT	-.00070	-.00111	-.00007	-.00045	.06480	-.02526

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ052)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05670	.09254	.04526	.25659	-.44103	.16307
1.150	-4.000	.05558	.09118	04440	.25928	- 29366	.10736
1.150	-2.000	05482	08997	.04339	.26252	-.15920	.05793
1.150	.000	05375	.09782	.04294	26415	- 03259	.00770
1 150	2 000	05307	08561	04233	.26446	09998	-.04519
	GRADIENT	-.00043	-.00094	-.00033	.00086	06538	-.02539

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05681	.09263	.04464	.26715	-.59743	.22485
1.205	-6.000	.05540	.09007	.04362	.27041	-.43365	.15741
1.205	-4.000	.05445	.08798	04283	.27382	-.28759	.10213
1.205	-2.000	.05379	.08627	04225	.27632	-.15165	.05156
1.205	000	.05285	.08423	.04202	.27736	-.02425	.00251
1 205	2.000	.05230	08215	.04147	.27809	10183	-.04519
1 205	4.000	.05238	.07972	.04066	.27549	.22829	- 09472
	GRADIENT	-.00028	-.00103	-.00026	.00025	.06426	-.02452

LARC 8FT TPT '749 (1A93) OTSAT130   (1JJ053)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

           MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
           1.150   -6.000   .05612   .09022   .04402   .26009   -.44452   .17281
           1.150   -4.000   .05514   .08890   .04311   .26256   -.29746   .11571
           1.150   -2.000   .05401   .08869   .04233   .26456   -.16209   .06372
           1.150   .000   .05286   .08687   .04227   .26441   -.03480   .01243
           1.150   2.000   .05156   .08398   .04163   .26475   .09656   -.04076
                   GRADIENT   -.00060   -.00083   -.00022   .00032   .06547   -.02604

                RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

           MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
           1.205   -8.000   .05476   .09112   .04413   .27017   -.59548   .23072
           1.205   -6.000   .05394   .08808   .04246   .27331   -.43455   .16501
           1.205   -4.000   .05321   .08531   .04153   .27694   -.28857   .10774
           1.205   -2.000   .05235   .08415   .04110   .27868   -.15198   .05479
           1.205   .000   .05158   .08283   .04113   .27806   -.02259   .00381
           1.205   2.000   .05054   .08078   .04070   .27794   .10232   -.04415
           1.205   4.000   .05012   .07822   .03982   .27692   .22711   -.09299
                   GRADIENT   -.00040   -.00088   -.00019   -.00004   .06428   -.02502

LARC 8FT TPT 749 (1A93) OTSAT130   (1JJ054)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

           MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
           1.150   -6.000   .05536   .09102   .04177   .25832   -.45289   .18781
           1.150   -4.000   .05439   .08862   .04085   .26148   -.30534   .12845
           1.150   -2.000   .05336   .08640   .03979   .26571   -.16645   .07028
           1.150   .000   .05238   .08428   .03903   .26687   -.03667   .01627
           1.150   2.000   .05100   .08180   .03918   .26451   .08844   -.03386
                   GRADIENT   -.00056   -.00113   -.00029   .00051   .06556   -.02705

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ054)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05445	.09027	04114	.27195	-.59701	.24106
1.205	-6.000	05329	.08756	.03986	.27436	-.44146	.17755
1.205	-4.000	05245	.08482	.03906	27697	-.29433	.11750
1.205	-2.000	05178	.08242	03816	.28042	-.15197	.05974
1.205	.000	05123	08035	03726	.28238	-.02709	.00915
1.205	2.000	05012	07827	03758	.27928	09443	-.03722
1.205	4.000	04910	07561	03790	27611	21653	-.08386
	GRADIENT	-.00042	-.00113	-.00015	-.00014	.06341	-.02498

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ055)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05682	.09240	03900	.26701	-.45121	.17900
1.150	-4.000	.05580	.08971	.03786	.26953	-.30380	.11908
1.150	-2.000	.05468	08701	03631	.27381	-.16604	.06399
1.150	.000	.05351	08510	03516	.27589	-.03630	01359
1.150	2.000	.05197	08274	.03537	.27216	.09313	-.04016
	GRADIENT	-.00063	-.00114	-.00043	.00050	.06603	-.02641

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05702	.09137	.03859	.27802	-.60063	.23551
1.205	-6.000	.05568	.08891	03746	.28022	-.43987	.17012
1.205	-4.000	.05436	.08630	.03619	.28344	-.29245	.11064
1.205	-2.000	05330	.08397	03488	.28685	-.15549	.05686
1.205	.000	.05218	08205	03358	28851	-.02711	.00752
1.205	2.000	05104	.07957	.03356	.28577	.09634	-.04170
1.205	4.000	05000	07730	03485	28084	22170	-.09186
	GRADIENT	-.00055	-.00112	-.00020	-.00031	.06401	-.02518

LARC 8FT TPT /49 (IA93) OTSATI30   (IJJ056)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   -5 000
SCALE =   .0100

              RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        1.150   -6.000   .05866   .09346   .03618   27089   -.45364   17398
        1 150   -4 000   .05737   .09093   03564   27326   - 30664   .11570
        1 150   -2 000   05600   08890   03459   27546   -.16785   .06197
        1.150   000   05477   08688   .03354   27650   -.03577   .00948
        1.150   2.000   05336   08395   .03455   27313   09623   -.04616
                  GRADIENT - 00066   - 00115   -.00022   00003   06703   -.02690

              RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        1 205   -8 000   05897   09321   03626   .27900   - 60514   .23325
        1 205   -6 000   .05767   .09009   03533   .28174   -.44249   16572
        1 205   -4.000   05616   08708   .03443   28509   -.29665   10832
        1 205   -2 000   05470   08506   03318   .28795   -.16074   .05673
        1.205   000   05341   .08330   03206   28914   - 03021   .00576
        1.205   2 000   .05240   08094   .03290   .28591   .09801   -.04600
        1.205   4.000   05134   .07853   03398   26050   22466   -.09624
                  GRADIENT -.00060   -.00106   -.00006   -.00056   .06507   -.02559

LARC 8FT TPT '/49 (IA93) OTSAT130   (IJJ057)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

BETA = -6.000   ELV-LI = 8.000
ELV-LO = 9.000   ELV-RI = 8.000
ELV-RO = 9.000

RUN NO.   0/ 0   RN/L = 3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
600	-8.000	.04190	.08787	03726	.09191	- 45384	13624
600	-6 000	04140	.08354	.03612	.09973	- 33317	08846
.600	-4 000	04078	07967	03537	10527	-.22549	04853
.600	-2 300	03975	07665	03485	10848	-.11580	00847
600	000	.03845	.07433	03415	.10922	- 00225	- 03412
600	2 000	.03775	.07337	03335	.10674	10730	- 07637
.600	4 000	03711	.07149	03263	.10151	22298	-.12153
	GRADIENT	- 00047	-.00098	-.00035	- 00046	05600	-.02125

RUN NO   0/ 0   RN/L = 3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04982	.09332	03763	14511	- 50274	15581
.900	-6 000	04813	.09049	.03707	.14795	- 37105	.10608
900	-4 000	04649	08856	03684	14873	-.24706	.05757
.900	-2.000	04566	.08559	03644	.15049	- 11755	.00325
.900	000	04496	08177	03645	.15121	.00841	-.04840
.900	2 000	.04478	.07955	03683	.14730	.13641	-.10171
900	4.000	04480	.07835	03610	.14581	.25796	- 14430
	GPADIENT	-.00021	-.00132	- 00005	-.00045	06320	-.02543

RUN NO.   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05774	.10575	04561	.18698	-.54593	17871
.975	-6.000	05578	.10078	04555	19063	- 39707	.12183
.975	-4 000	05428	09765	04477	19342	- 26479	07526
.975	-2 000	05299	09599	.04386	19541	- 13507	.02680
.975	000	05219	.09443	.04386	.19576	-.00558	-.02559
.975	2.000	.05245	.09261	04387	.19266	11874	-.07440
975	4.000	.05277	.09251	04432	.18801	24753	-.12345
	GRADIENT	-.00018	-.00068	-.00004	-.00068	.06392	-.02493

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ057)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000 ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000 ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

                 RUN NO.   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
         1.150   -6.000   .05711   09243   .04631   .25983   -.40687   13261
         1.150   -4.000   05604   .09102   .04549   .26235   -.26265   07881
         1.150   -2 000   .05509   .08922   .04441   26624   -.12879   .02994
         1.150   000   .05393   .08691   04397   .26778   00071   -.02181
         1 150   2.000   05315   08467   .04323   .26864   .12877   -.07175
                 GRADIENT - 00049   -.00107   -.00036   .00102   .06519   - 02517

                 RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

         MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
         1.205   -8 000   05873   09290   04605   26797   -.56527   19569
         1.205   -6 000   .05708   .09059   04501   27106   - 40262   .12934
         1 205   -4.000   .05561   .08842   04412   27528   - 25875   07600
         1 205   -2 000   05462   .08676   .04360   .27848   -.12436   .02675
         1.205   000   05350   .08444   04332   .27996   00564   -.02363
         1.205   2.000   05296   .08189   .04267   .28078   .13113   -.07092
         1 205   4.000   .05283   .07934   .04153   27816   .25309   -.11755
                 GRADIENT - 00036   -.00115   - 00031   00040   .06396   - 02424

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ058)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE = .0100				

BETA   =   -4.000   ELV-LI =   8.000
ELV-LO =   9.000   ELV-RI =   8.000
ELV-RO =   9 000

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04133	.08564	.03568	.09982	-.45141	.13846
.600	-6 000	.04068	.08185	.03453	.10629	- 33247	09262
.600	-4.000	.03992	.07855	.03387	11064	- 22506	.05288
.600	-2 000	03892	07548	.03354	11418	- 11892	.01312
.600	000	.03784	.07311	.03276	.11522	-.01028	-.02669
600	2 000	.03685	07188	.03195	11170	10159	- 07016
.600	4 000	03558	.06972	03139	.10785	.21907	-.11635
	GRADIENT	- 00054	- 00106	-.00033	-.00040	.05544	-.02109

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
900	-8 000	.04832	.09395	03589	14889	-.50831	.16614
900	-6.000	04708	.09095	.03524	15027	- 37427	11427
.900	-4.000	04606	08767	03457	.15132	-.24724	06242
900	-2 000	04535	08242	03413	.15406	- 11960	.00725
900	.000	04471	.07900	.03471	15331	.00940	-.04757
900	2 000	.04417	07702	.03521	.14815	14144	- 10631
.900	4.000	04350	07584	03458	.14878	.26415	-.14894
	GRADIENT	-.00031	-.00145	.00005	- 00055	06419	- 02681

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	¢ABS	CAF	CNF	CLMF
975	-8 000	.05618	.10498	04426	.19324	- 54708	18712
.975	-6 000	.05427	.09975	04401	19635	- 39792	12899
975	-4.000	05283	09633	.04300	19969	- 26530	.08126
.975	-2 000	05172	.09433	04224	19968	- 14082	03583
.975	.000	.05099	.09236	04264	.19900	-.01465	- 01600
.975	2 000	.05136	.09076	.04281	.19416	11251	-.06807
.975	4.000	.05147	.08947	.04300	.19186	24415	- 12009
	GRADIENT	-.00015	- 00086	.00003	-.00096	06361	-.02533

LARC 8FT TPT '/49 (IA93) OTSAT130   (IJJ058)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT		BETA =	-4.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000		
SCALE = .0100							

RUN NO   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6.000	.05660	.09011	.04516	.26358	-.40957	.14148
1 150	-4.000	.05525	.08870	04438	26611	- 26395	.08556
1.150	-2 000	05416	.08729	04348	.26906	- 13040	.03489
1.150	000	05287	.08563	04344	.26857	- 00270	- 01673
1.150	2 000	.05148	08319	04278	.26911	.12503	-.06734
	GRADIENT	- 00063	- 00091	-.00024	00043	06473	-.02552

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.05802	.09079	.04540	.27160	-.56332	20092
1 205	-6.000	05707	.08787	04384	.27456	- 40363	13636
1.205	-4 000	.05509	.08548	.04279	.27897	-.25830	08060
1.205	-2 000	05353	.08449	.04243	.28145	- 12297	02895
1 205	000	05236	.08291	04246	.28109	00513	- 02105
1.205	2.000	.05122	08040	.04196	28151	.13045	- 06904
1.205	4.000	.05070	07790	.04077	27972	25254	- 11549
	GRADIENT	-.00055	-.00096	-.00022	.00008	.06375	- 02451

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ059)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        .600   -8.000   .04056   .08348   .03260   .10433   -.45844   .14802
        600   -6.000   .03992   .07993   03123   .10972   -.33767   10112
        600   -4 000   03919   07642   .03016   .11450   -.22714   .05835
        .600   -2 000   .03830   .07414   02963   .11778   - 12119   .01862
        600   000   .03732   .07234   .02899   .11824   -.01227   -.02206
        .600   2 000   03596   .06937   .02892   .11577   .10146   -.06682
        .600   4 000   03459   .06685   02893   .11062   .21459   -.11247
                 GRADIENT   -.00058   -.00120   -.00016   -.00049   .05531   -.02135

                    RUN NO   0/ 0   RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        900   -8 000   04788   .09392   .03244   .15041   -.51760   .17715
        900   -6.000   .04733   .08965   .03099   .15069   -.37775   12143
        .900   -4 000   04698   .08350   02939   .15307   -.24468   .06532
        .900   -2.000   04682   07692   02869   15615   - 12984   01356
        900   .000   04579   .07515   .02975   .15507   .00595   -.04582
        900   2 300   04504   .07260   .03053   .15393   .13835   -.10580
        .900   4.000   .04427   07247   .03111   .15106   .26301   -.14902
                 GRADIENT   -.00036   - 00132   .00026   -.00031   .06418   - 02740

                    RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CABO   CABT   CABS   CAF   CNF   CLMF
        .975   -8 000   .05574   10307   .04145   19861   -.55360   .19894
        975   -6.000   .05454   .09854   04029   .20088   -.40812   14266
        975   -4.000   05374   09426   03870   20221   -.27401   09289
        .975   -2.000   .05356   .09185   03749   20289   -.14674   .04377
        975   000   05393   .08993   .03729   .20153   -.02692   -.00521
        975   2.000   05440   .08859   .03790   .19662   .10202   -.05716
        .975   4.000   .05443   .08664   .03903   .19153   .23215   - 11109
                 GRADIENT   .00011   -.00092   .00005   - 00138   .06305   - 02544

LARC 8FT TPT 749 (IA93) OTSATI30   (IJJ059)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.19   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05555	.09113	.04319	.26296	-.42167	.15827
1 150	-4 000	05454	08832	.04213	.26641	-.27344	.09869
1 150	-2 000	.05325	.08581	.04110	.27124	-.13567'	.04195
1.150	000	.05181	.08326	04041	.27300	-.01037	- 00964
1.150	2 000	.05053	08071	.04032	27034	11568	-.05894
	GRADIENT	- 00067	- 00127	-.00031	.00068	06463	-.02622

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL =   -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.05564	.09099	.04239	.27376	-.56608	.21218
1 205	-6 000	05449	.08842	.04134	.27624	-.40880	14860
1 205	-4 000	.05345	08514	04039	.28024	- 26056	08845
1.205	-2 000	.05252	.08254	03951	.28392	- 12310	.03356
1 205	.000	.05148	.08044	.03890	.28575	- 00013	-.01467
1 205	2.000	05005	.07810	.03890	28286	.11959	- 06000
1.205	4 000	04893	07494	.03874	.28001	.24374	-.10669
	GRADIENT	- 00058	-.00124	- 00020	- 00008	06256	- 02419

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ061)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		
SCALE	=	.0100					

BETA   =   4 000   ELV-LI =   8.000
ELV-LO =   9.000   ELV-RI =   8.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
600	-8 000	04076	.08377	02932	.11241	- 46177	.14407
600	-6.000	03984	08029	.02827	.11880	- 34350	.09863
.600	-4 000	03876	.07670	02708	.12425	- 23577	05740
.600	-2 000	.03800	.07373	.02630	.12762	- 12542	01596
.600	000	.03702	.07206	02570	12752	-.00789	-.02925
.600	2 000	03612	07074	02568	.12303	.10098	-.07116
.600	4 000	.03488	06838	.02655	11582	22325	- 11951
	GRADIENT	-.00048	-.00098	-.00008	-.00107	.05722	-.02205

RUN NO.   0/ 0   RN/L =   3 97   GRADIENT INTERVAL =   -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8 000	.04869	.09180	03067	15933	-.51007	.16595
.900	-6 000	04720	08856	02966	.16150	-.37485	.11403
900	-4 000	04568	08443	02858	.16340	- 24314	06062
900	-2 000	.04594	.07970	.02829	.16419	- 12168	.00713
900	000	.04499	.07735	02771	16584	00505	-.04791
900	2 000	04380	.07434	02758	.16471	13996	-.10762
900	4 000	04360	07442	02850	16163	26244	- 15026
	GPADIENT	- 00032	- 00127	- 00004	- 00015	06364	- 02683

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.05629	10225	.03862	20422	-.55199	.18998
975	-6 000	.05417	09794	03731	.20882	-.40606	.13384
.975	-4 000	.05252	09454	03574	21191	- 27161	.08353
975	-2 000	.05133	.09315	03443	21284	- 14037	.03326
.975	000	.05090	09193	.03353	.21426	-.01418	-.01617
.975	2 000	.05105	08914	03395	20994	.11101	-.06797
.975	4 000	05113	.08824	03557	20403	.24002	-.12022
	GRADIENT	-.00015	-.00083	- 00004	-.00093	.06373	-.02544

LARC BFT TPT '/49 (IA93) OTSAT130   (IJJ061)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT
SCALE	=	.0100			

BETA   =   4.000   ELV-LI =   8.000
ELV-LO =   9.000   ELV-RI =   8.000
ELV-RO =   9.000

RUN NO   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05723	09216	.03993	.27133	-.41640	.14822
1 150	-4.000	05595	.08923	03867	27461	- 26881	08861
1 150	-2 000	.05470	.08644	03704	27907	- 13154	.03421
1.150	000	.05353	.08445	03601	.28036	-.00291	-.01610
1.150	2 000	.05184	08179	03617	27720	.12508	-.06776
	GRADIENT	- 00067	-.00122	-.00043	.00045	.06551	-.02597

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8 000	.05817	.09241	.03985	27941	-.56893	20688
1 205	-6 000	05680	.09005	03987	28137	-.41053	.14298
1.205	-4 000	05515	08695	03747	28544	- 26423	08424
1.205	-2 000	.05387	08437	03592	.28972	-.12727	.03091
1.205	.000	05252	.08178	03444	29266	.00023	- 01731
1.205	2.000	.05128	.07890	.03462	.28985	12487	-.06591
1 205	4.000	05008	.07660	.03584	.28425	.24916	-.11492
	GRADIENT	- 00064	-.00131	- 00023	-.00011	06395	-.02476

LARC 8FT TPT /49 (IA93) OTSAT130   (IJJ062)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.600	-8.000	.04126	.08468	.02726	.11348	-.45455	.13935
.600	-6.000	.04027	.08082	.02630	.12028	-.33712	.09326
.600	-4.000	.03915	.07750	.02567	.12530	-.22820	.05219
.600	-2.000	.03843	.07493	.02499	.12775	-.11590	.00910
.600	.000	.03783	.07352	.02450	.12727	-.00177	-.03464
.600	2.000	.03677	.07168	.02486	.12394	.11037	-.07754
.600	4.000	.03607	.06995	.02577	.11506	.22565	-.12351
	GRADIENT	-.00039	-.00092	.00000	-.00121	.05670	-.02190

RUN NO   0/ 0   PN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.900	-8.000	.04986	.09312	.02854	.16104	-.50800	.16119
.900	-6.000	.04821	.08984	.02799	.16341	-.37537	.11088
.900	-4.000	.04667	.08681	.02742	.16583	-.25235	.06284
.900	-2.000	.04656	.08315	.02694	.16720	-.12832	.01070
.900	.000	.04591	.07990	.02638	.16875	.00271	-.04659
.900	2.000	.04511	.07720	.02679	.16695	.13462	-.10357
.900	4.000	.04459	.07702	.02747	.16323	.25534	-.14561
	GRADIENT	-.00028	-.00128	-.00000	-.00027	.06392	-.02656

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.05927	.10287	.03461	.20803	-.55523	.18735
.975	-6.000	.05687	.09885	.03406	.21214	-.40703	.12978
.975	-4.000	.05468	.09588	.03332	.21440	-.27177	.07898
.975	-2.000	.05309	.09440	.03248	.21511	-.14128	.02926
.975	.000	.05178	.09300	.03202	.21575	-.01153	-.02266
.975	2.000	.05167	.09055	.03272	.21143	.11509	-.07458
.975	4.000	.05211	.08966	.03419	.20521	.24553	-.12539
	GRADIENT	-.00033	-.00081	.00010	-.00110	.06455	-.02563

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (IJJ062)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9.000		

RUN NO.   0/ 0   RN/L =   4 19   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.05921	.09350	.03672	.27528	-.41812	.14293
1 150	-4.000	05785	.09085	03611	.27753	-.27214	.08562
1.150	-2 000	.05635	08844	.03495	.28011	- 13533	.03313
1.150	000	.05505	.08635	.03398	.28095	-.00189	-.01984
1.150	2 000	05331	08322	.03501	27750	.12781	-.07344
	GRADIENT	- 00075	- 00125	- 00021	00004	.06666	-.02651

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8.000	.06007	09412	.03720	.28117	-.57235	20458
1.205	-6 000	05877	09130	.03632	28352	-.41158	.13850
1.205	-4 000	.05728	08821	.03540	28642	-.26773	.08195
1.205	-2.000	05576	.08594	.03413	28927	-.13207	.03047
1.205	.000	.05398	08335	03271	.29253	00091	- 02111
1.205	2 000	.05288	.08091	03354	.28938	12595	- 07067
1.205	4 000	.05164	.07816	.03458	28360	.25194	-.11986
	GRADIENT	- 00071	-.00126	-.00011	- 00028	.06487	-.02524

LARC 8FT TPT '/49 (IA93) OTSATI30+TS1   (IJJ063)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = -6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9 000	
SCALE = .0100			

RUN NO. 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	05855	10619	.04610	.18526	-.53483	.17030
.975	-6.000	05659	.10124	.04583	.18888	- 39102	.11633
975	-4.000	05502	.09780	.04480	.19144	-.26017	.07043
.975	-2 000	05381	.09608	04382	.19354	-.12663	.02004
.975	000	.05302	.09473	04369	.19438	-.00083	-.03068
.975	2.000	.05331	09291	.04373	.19230	.12840	-.08126
.975	4 000	05374	09332	04447	.18735	.25162	-.12688
	GRADIENT	-.00015	- 00061	-.00004	-.00047	06393	-.02480

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 150	-6 000	05797	.09361	.04675	.25713	- 39829	12517
1.150	-4 000	.05699	.09188	.04586	.26004	-.25346	.07075
1.158	-2.000	05608	.08975	04469	26469	-.11777	.02091
1.150	.000	05475	.08707	04400	.26716	.01228	-.03059
1.150	2.000	.05409	08474	.04331	.26717	13736	- 07851
	GRADIENT	-.00050	-.00121	-.00042	.00119	.06513	-.02496

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8.000	05920	.09273	04555	.26845	-.55818	.18908
1 205	-6 000	05730	09073	.04489	.27116	-.39468	.12215
1 205	-4.000	.05616	08854	.04418	.27457	- 25019	06834
1.205	-2.000	.05534	.08636	.04345	27840	-.11591	.01923
1.205	.000	05412	.08376	04303	.28076	01452	- 03110
1 205	2.000	05360	.08118	.04241	.28104	.13820	- 07683
1 205	4 000	05323	07837	04144	.27831	.26053	-.12364
	GRADIENT	- 00038	- 00128	-.00033	00051	06378	- 02400

LARC 8FT TPT 749 (IA93) OTSAT130+TS1   (IJJ064)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	05547	.10283	.04204	.19717	-.54608	.19301
975	-6 000	.05409	.09817	04075	.19980	- 39976	.13648
975	-4 000	.05341	.09431	.03921	.20125	- 26633	.08721
.975	-2 000	05363	09221	.03804	.20126	-.13853	.03854
.975	000	05386	.09013	03784	.20007	-.01665	-.01155
975	2 000	.05439	08893	03859	.19487	.11108	-.06319
.975	4.000	05429	08713	03951	.19013	24003	-.11709
	GRADIENT	00013	- 00088	.00006	-.00143	.06312	-.02552

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6 000	.056'4	.09138	04347	26239	- 41354	.15161
1.150	-4 000	05553	.08863	.04251	.26560	- 26505	.09156
1 150	-2 000	.05431	08611	04149	.26986	-.12673	.03433
1.150	.000	05277	.09358	04072	.27169	.00090	-.01789
1.150	2.000	.05120	.08069	.04055	.26950	.12712	- 06680
	GRADIENT	-.00073	-.00132	-.00033	.00068	.06521	-.02636

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8 000	.05589	.09032	.04223	.27569	-.56049	20676
1.205	-6 000	.05502	.08779	.04127	27785	-.40197	.14266
1.205	-4.0C0	05424	08457	.04044	28130	-.25330	.08238
1 205	-2 000	.05329	.08172	03947	.28524	- 11711	.02784
1 205	.000	05218	.07998	03889	.28599	00891	-.02226
1.205	2.000	.05062	.07754	.03883	28337	12847	-.06732
1.205	4 000	.04942	07428	.03873	.28029	.25217	-.11378
	GRADIENT	- 00062	- 00124	- 00020	-.00019	.06283	- 02437

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (IJJ065) (13 AUG 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0100

BETA = -6.000   ELV-LI = 10.000
ELV-LO = 9.000   ELV-RI = 10.000
ELV-RO = 9.000

RUN NO.   0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8.000	.00000	.00000	.00000	.44221	-.50429	.15465
.975	-6.000	00000	.00000	00000	.43886	-.35972	.10057
.975	-4.000	.00000	00000	.00000	.43458	-.22946	.05508
.975	-2.000	.00000	00000	.00000	.43177	-.09774	.00526
975	.000	.00000	.00000	.00000	.43008	.03198	-.04732
.975	2.000	00000	.00000	00000	.42672	.15865	-.09703
.975	4.000	.00000	00000	00000	42251	28478	-.14299
	GRADIENT	.00000	00000	.00000	-.00146	06424	-.02492

RUN NO.   0/ 0   RN/L = 4 20   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	00000	00000	00000	.50279	-.36714	10998
1.150	-4.000	.00000	.00000	.00000	.50120	-.22371	.05624
1.150	-2.000	00000	00000	.00000	.50022	-.09084	.00750
1.150	.000	.00000	00000	.00000	.49703	.03939	-.04411
1 150	2.000	.00000	.00000	.00000	.49304	.16474	-.09241
	GRADIENT	00000	.00000	.00000	-.00138	.06478	-.02488

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1 205	-8.000	00000	.00000	.00000	.51208	-.52596	.17325
1.205	-6 000	00000	.00000	00000	50967	-.36411	.10731
1 205	-4 000	.00000	.00000	.00000	50841	-.21903	.05327
1.205	-2 000	00000	.00000	00000	.50737	-.08303	.00319
1 205	000	.00000	00000	00000	50512	.04298	-.04508
1.205	2.000	00000	.00000	00000	.50178	.16641	-.09047
1.205	4 000	.00000	.00000	00000	.49357	.28894	-.13773
	GRADIENT	.00000	.00000	.00000	-.00176	.06327	-.02378

LARC 8FT TPT '/49 (IA93) OTSAT130+TSI-BASE TUBES   (IJJ066)   (I3 AUG 76)

| REFERENCE DATA | | | | | PARAMETRIC DATA | | | |

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   I0.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   I0.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
.975	-8 000	.00000	.00000	.00000	.44009	-.51721	.17825
.975	-6.000	.00000	.00000	.00000	.43370	- 36966	.12103
975	-4.000	.00000	00000	00000	.42683	- 23669	.07186
.975	-2 000	00000	00000	00000	.42264	- 11200	.02414
975	000	00000	00000	.00000	.41956	01424	-.02773
975	2.000	.00000	.00000	.00000	.41510	14179	-.07974
.975	4.000	.00000	00000	.00000	.41070	.27145	-.13368
	GRADIENT	00000	00000	.00000	- 00199	.06350	-.02575

RUN NO   0/ 0   RN/L =   4 20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.150	-6.000	.00000	00000	.00000	49791	-.38391	.13670
1.150	-4.000	00000	.00000	00000	.49550	-.23539	.07678
1.150	-2 000	.00000	.00000	.00000	.49411	-.09572	01921
1.150	.000	.00000	.00000	.00000	.49006	02971	-.03249
1.150	2.000	.00000	00000	.00000	.48351	.15591	-.08147
	GRADIENT	00000	.00000	00000	-.00200	.06497	-.02632

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
1.205	-8 000	.00000	.00000	00000	.50684	-.52960	.19177
1 205	-6.000	.00000	.00000	.00000	.50367	-.37147	.12778
1 205	-4 000	.00000	.00000	.00000	50164	- 22407	.06795
1 205	-2 000	.00000	.00000	.00000	.49975	-.08818	.01349
1 205	.000	.00000	00000	00000	.49685	.03757	-.03655
1.205	2 000	.00000	.00000	00000	.49089	.15691	-.08149
:.205	4.000	.00000	.00000	.00000	.48367	.27800	-.12668
	GRADIENT	.00000	.00000	.00000	-.00224	06246	-.02421

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (IJJ067) (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RN/L = 4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.05810	.10559	.04615	.18567	-.53730	.17241
-6 000	05634	10079	.04579	.18958	-.39287	.11831
-4 000	.05507	09786	04478	.19208	-.26284	.07254
-2.000	05393	.09605	.04379	.19381	-.13206	.02335
.000	05328	09469	04367	.19458	-.00315	-.02841
2 000	05360	09298	.04370	.19257	.12078	-.07697
4.000	.05392	09294	.04453	.18649	.25118	-.12746
GRADIENT	-.00013	-.00065	- 00003	-.00062	06404	-.02502

LARC 8FT TPT 749 (IA93) OTSATI30+TS2   (IJJ068) (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN ZT
SCALE	=	.0100			

BETA	=	000	ELV-LI	=	10.000
ELV-LO	=	9 000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RN/L = 4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05545	.10315	.04209	.19786	-.54894	.19394
-6.000	.05417	.09836	04080	.20023	-.40365	.13782
-4 000	.05351	.09444	03921	20149	-.26971	.08845
-2.000	.05349	.09221	.03799	.20206	-.14372	.04122
.000	.05388	.09045	.03788	.20048	-.02250	-.00816
2.000	.05448	.08943	.03866	.19561	10515	-.05977
4.000	.05445	.08751	.03963	19151	.23367	-.11347
GRADIENT	00014	-.00083	.00008	-.00132	06278	-.02524

LARC 8FT TPT /49 (IA93) OTSAT130+TS2　　　　　　　　　　(IJJ069)　(13 AUG '76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	10.000
ELV-RI =	10.000

RN/L = 4.81　　GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.06024	.10347	.03464	.20909	-.54888	.18304
-6.000	.05761	.09940	.03416	.21265	-.40146	.12591
-4.000	.05543	.09649	.03365	.21441	-.26586	.07549
-2.000	.05396	.09460	.03285	.21495	-.13516	.02577
.000	.05268	.09308	.03246	.21449	-.00992	-.02489
2.000	.05255	.09129	.03321	.21033	.11563	-.07602
4.000	.05297	.09035	.03455	.20429	.24783	-.12795
GRADIENT	-.00032	-.00078	.00011	-.00124	.06391	-.02543

LARC 8FT TPT 749 (IA93) OTSAT130+TS2　　　　　　　　　　(IJJ070)　(13 AUG 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000
ELV-LO	=	9.000
ELV-RO	=	9.000

ELV-LI =	10.000
ELV-RI =	10.000

RN/L = 2.04　　GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8.000	.05940	.10613	.04496	.18929	-.54338	.18039
-6.000	.05747	.10209	.04518	.19174	-.39636	.12294
-4.000	.05550	.09773	.04492	.19400	-.26266	.07404
-2.000	.05394	.09545	.04387	.19434	-.13322	.02450
.000	.05282	.09376	.04375	.19429	-.00425	-.02873
2.000	.05251	.09215	.04362	.19268	.11891	-.07755
4.000	.05280	.09207	.04408	.18760	.24462	-.12563
GRADIENT	-.00034	-.00073	-.00010	-.00072	.06333	-.02507

LARC 8FT. TPT 749 (IA93) OTSATI30+TS2   (IJJ071)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT			BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100						

RN/L =   2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	CABO	CABT	CABS	CAF	CNF	CLMF
-8 000	.05579	.10164	.04147	.19951	-.55295	.20192
-6 000	.05436	.09889	.04046	.20082	-.40666	.14419
-4 000	.05323	.09497	.03925	.20135	-.27314	09171
-2.000	.05301	.09172	.03809	20253	-.14544	.04304
.000	05333	.08989	03754	.20018	-.02720	-.00585
2 000	05338	.08771	.03805	.19578	.10125	-.05946
4 000	05315	08554	03990	.19193	23175	-.11562
GRADIENT	00001	-.00114	- 00004	-.00128	.06282	- 02586

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ002)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT			BETA = -6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
600	-8.000	-.09968	.02976	.23944	.01640	10.26518	-.00073	10.43493
600	-6.000	-.09639	.03066	23506	.01496	10.25972	-.00198	10 43311
.600	-4.000	-.09200	.03117	.22747	.01369	10.25492	-.00356	10.43079
600	-2 000	- 09113	.03235	.22205	.01237	10.24986	-.00592	10.42735
.600	.000	-.09327	.03412	.22007	.01122	10.24552	- 00859	10.42344
.600	2.000	- 09464	.03606	.21953	.01047	10.24265	-.01147	10.41924
.600	4.000	-.09564	.03918	.22476	.00972	10.23981	-.01599	10.41263
	GRADIENT	- 00054	.00099	-.00040	-.00049	-.00187	-.00152	-.00222

LARC 8FT TPT /49 (IA93) OTSAT130   (NJJ002)   (02 JUL '76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   BETA   =   -6.000   ELV-LI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-LO =   9.000   ELV-RI =   10.000
SCALE =   .0100   ELV-RO =   9.000

          RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

  MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
   900   -8 000   -.11217 .02973   .27064   .02116   10.33915 .00019   10.43694
  .900   -6.000   -.10703 .03110   .26179   .02307   10 35145 .00409   10.45632
  .900   -4 000   -.10255 .03252   .25081   .02381   10.35617 .00182   10.44504
  .900   -2.000   - 09982 03382   .24368   .02428   10.35911 00093   10.44061
  .900   .000   -.09839 .0 595   .23780   .02436   10.35973 -.00311 10.42828
  .900   2 000   -.09651 .03800   .23420   .02315   10.35185 - 01243 10 40516
  .900   4 000   -.09814 .04000   .23865   .01486   10 29862 -.02842 10.36544
          GRADIENT .00061 .00096 - 00169 -.00095   -.00612   -.00369 -.00973

          RUN NO   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5.00

  MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
  .975   -8.000   - 12192 .03507   .29289   .01128   10.28130 -.00752 10.41587
  .975   -6.000   - 11033 .03535   .27572   .02194   10.35527 -.00509 10.42237
  .975   -4.000   - 10078 .03543   .25936   03205   10 42549 - 00304 10.42785
  .975   -2 000   - 09381 .03637   .24511   .02714   10 39151 -.00346 10.42674
  .975   .000   -.09280 .03728   .23793   .01581   10 31280 -.00588 10.42026
  .975   2 000   -.09014 .03795   .23431   .00334   10 22621 -.01373 10.39923
  .975   4.000   - 08776 .03971   .23390   - 00889 10.17621 -.03314 10.34727
          GRADIENT 00149 .00051 -.00309 -.00528   -.03319   -.00352 -.00943

          RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5 00/ 5.00

  MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
  1.150   -6 000   -.10708 .03832   .27010   .04029   10 51769 -.01059 10.40407
  1.150   -4.000   -.10041 04040   .25794   .03563   10.48125 -.02084 10.37321
  1.150   -2.000   -.09877 .04215   .24988   .03068   10.44259 -.03130 10.34169
  1.150   000   - 10078 .04230   .24583   .02331   10 39500 -.03891 10.31875
  1.150   2.000   -.10173 .04299   .24697   01524   10.32200 -.04597 10.29748
          GRADIENT -.00030 .00040 -.00185 -.00343   - 02677   -.00415 -.01251

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ002)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   =   2690.0000 SQ.FT.   XMRP   =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF   =   1290.3000 INCHES   YMRP   =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	- 11916	.03808	.28886	.04380	10 55292	-.01008	10 40494
1 205	-6 000	-.10963	.03981	.27330	.03835	10.50932	-.01858	10.37875
1.205	-4.000	- 10258	04099	.26101	.03380	10 47294	-.02913	10.34624
1 205	-2.000	- 10082	04200	25280	.02978	10 44089	-.03824	10.31811
1.205	.000	-.10381	04235	25105	02420	10.39636	- 04508	10.29703
1.205	2.000	- 10500	.04326	25086	.01682	10 33737	- 05206	10.27553
1.205	4.000	-.10198	.04451	.25077	00791	10.26619	-.05812	10 25685
	GRADIENT	-.00015	.00041	-.00112	- 00324	- 02585	- 00359	-.01107

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ003)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   =   2690.0000 SQ FT.   XMRP   =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF   =   1290.3000 INCHES   YMRP   =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	- 06987	.01993	.16648	.01491	10 25946	-.00084	10.43477
.600	-6.000	-.06687	02037	16257	01365	10.26466	-.00184	10.43331
600	-4.000	-.06287	02022	.15575	.01198	10 24837	- 00322	10.43129
600	-2 000	-.06047	.02054	.14766	.01007	10.24116	-.00518	10.42843
600	.000	-.06090	.02171	.14472	.00924	10 23801	-.00777	10.42463
.600	2 000	-.06319	02348	.14679	.00851	10.23526	- 01111	10 41974
.600	4.000	-.06212	02505	.14732	.00757	10 23167	-.01522	10.41375
	GRADIENT	- 00006	.00063	-.00089	-:00952	- 00196	-.00150	-.00219

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ003)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100		

BETA	=	-4.000
ELV-LO	=	9 000
ELV-RO	=	9.000

ELV-LI =	10.000
ELV-RI =	10.000

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.07687	.01844	.18459	.01745	10.31527	-.00076	10 43411
.900	-6 000	-.07162	.01953	.17527	.01929	10.32718	.00513	10.46149
.900	-4.000	-.06895	.02090	.16990	.01953	10 32866	00225	10.44719
.900	-2 0C0	-.06620	.02185	16367	.01930	10.32714	.00021	10 43702
.900	.000	- 06423	02305	.15724	01918	10.32630	-.00218	10.43059
900	2.000	-.06192	.02423	.15458	01946	10 32810	-.01261	10.40473
.900	4.000	-.06238	.02501	.15637	.01268	10 28460	-.02604	10 37136
	GRADIENT	.00087	.00053	-.00181	- 00068	- 00436	-.00347	- 00920

RUN NO   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	- 08326	02337	20159	.00919	10 26676	- 00820	10.41405
975	-6.000	- 07325	.02304	.18598	.01655	10 31784	-.00648	10.41864
.975	-4.000	-.06558	.02267	.17180	.02453	10.37323	-.00541	10 42152
975	-2 000	- 06151	02353	16220	.02213	10.35663	- 00552	10 42122
975	000	- 06246	02429	15847	.01238	10 28891	- 00606	10.41976
.975	2 000	-.06051	.02398	.15557	00099	10 20989	- 01103	10.40647
.975	4.000	- 05674	02444	.15330	- 01131	10.16893	- 02700	10 36371
	GRADIENT	00093	00020	-.00218	- 00464	- 02777	- 00244	- 00652

RUN NO.   0/ 0   RN/L =   4 23   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	- 06992	.02456	18092	.03816	10 50098	-.00640	10 41672
1.150	-4 0C0	-.06539	.02621	.17155	03315	10.46187	- 01395	10 39398
1.150	-2 000	- 06586	.02753	.16599	02836	10 42836	-.02475	10 36142
1.150	.000	- 07004	.02774	.16499	.02281	10 38115	- 03412	10.33316
1 150	2 000	-.07074	.02807	.16491	.01542	10.32342	- 04124	10 31174
	GRADIENT	-.00101	00029	-.00105	-.00296	-.02313	-.00456	-.01375

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ003)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	= 400 0000 IN. ZT
SCALE	= .0100		

BETA = -4.000 ELV-LI = 10.000
ELV-LO = 9.000 ELV-RI = 10.000
ELV-RO = 9.000

RUN NO   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.07788	.02504	.19425	04265	10 54375	-.00612	10.41714
1 205	-6.000	- 07202	.02635	18466	.03697	10.49934	-.01327	10.39510
1.205	-4.000	- 06660	02667	17423	.03257	10 46303	-.02297	10.36525
1 205	-2 000	-.06608	.02724	16681	.02927	10 43680	-.03194	10.33758
1.205	.000	-.07043	.02778	.16648	02446	10 39847	-.03999	10.31271
1.205	2 000	- 07256	.02880	.16886	01800	10 34676	-.04785	10.28850
1.205	4.000	-.06969	02948	.16719	.00849	10 27084	- 05440	10.26832
	GRADIENT	-.00063	00036	-.00060	-.00297	- 02372	- 00394	- 01215

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ004)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	= 0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	= 400 0000 IN. ZT
SCALE	= 0100		

BETA = 000 ELV-LI = 10.000
ELV-LO = 9.000 ELV-RI = 10.000
ELV-RO = 9.000

RUN NO   0/ 0   RN/L = 3 17   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
600	-8.000	-.00393	00106	.01751	.00989	10.24044	-.00100	10.43454
600	-6 000	- 00121	.00026	01265	00865	10 23578	-.00208	10.43296
600	-4.000	00121	-.00053	.00795	.00768	10 23213	-.00290	10.43176
.600	-2.000	00121	-.00050	.00505	.00571	10.22462	-.00469	10.42915
600	.000	00281	-.00103	-.00027	00485	10.22136	- 00696	10.42583
.600	2 000	00214	- 00124	-.00111	00451	10.22008	-.01018	10.42111
.600	4.000	.00014	-.00080	.00329	.00380	10 21740	-.01467	10.41456
	GRADIENT	-.00006	- 00006	-.00077	-.00045	-.00170	-.00145	-.00212

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ004)   (02 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE =   .0100

BETA   =   .000   ELV-LI =   10.000
ELV-LO = 9 000   ELV-RI =   10.000
ELV-RO = 9 000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	-.00447	.00069	.01721	.00511	10 23586	-.00731	10 41787
.900	-6 000	-.00159	.00000	.01261	.00670	10.24606	.00090	10.44047
.900	-4 000	.00063	-.00046	.00920	.00487	10 23431	.00190	10 44544
.900	-2.000	.00200	-.00073	.00427	.00157	10 21311	-.00201	10.43101
.900	.000	.00286	-.00120	.00042	.00239	10.21837	-.00546	10.42244
.900	2 000	.00271	-.00104	-.00032	.00224	10.21740	-.01336	10.40281
.900	4 000	.00251	-.00133	-.00012	.00355	10 22581	-.02218	10 38094
	GRADIENT	.00022	-.00010	-.00116	-.00010	-.00064	-.00298	-.00786

RUN NO.   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	-.00225	.00068	.01680	-.00280	10 19456	-.00937	10.41091
.975	-6.000	.00100	-.00009	.01258	-.00337	10 19283	-.00886	10.41226
975	-4.000	.00449	-.00100	.00621	.00134	10 21233	-.00745	10 41605
975	-2 000	.00668	-.00154	-.00095	.00591	10 24397	-.00741	10 41618
975	.000	.00571	-.00185	-.00309	.00093	10 20946	-.00927	10.41117
975	2.000	.00402	-.00173	-.00213	-.00751	10 18039	-.01165	10 40480
.975	4.000	.00169	-.00112	.00104	-.01895	10 14592	-.01936	10 38418
	GRADIENT	-.00041	-.00002	-.00058	-.00270	-.00982	-.00140	-.00376

RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	.00042	.00030	01150	03457	10 47290	-.00597	10.41802
1 150	-4 000	00309	-.00053	.00589	.02930	10 43175	-.00443	10 42265
1 150	-2 000	.00367	-.00105	00113	02622	10 40775	-.01082	10 40338
1.150	.000	.00202	-.00133	-.00051	02339	10 38570	-.02176	10.37041
1.150	2.000	-.00093	-.00072	.00292	.01620	10.32954	-.03174	10.34034
	GRADIENT	-.00069	-.00004	-.00053	-.00211	-.01643	-.00464	-.01400

LARC 8FT TPT /49 (IA93) OTSATI30   (MJJ004)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN. XT			BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100					

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	00040	00126	.01300	.04112	10 53151	- 00504	10.42047
1 205	-6 000	.00244	00091	.00964	.03564	10 48776	-.00596	10.41763
1 205	-4 000	.00419	.00021	.00560	.03080	10 44902	-.01106	10 40192
1.205	-2 000	00519	-.00037	00086	.02778	10 42481	-.01830	10 37963
1.205	000	00408	- 00049	-.00189	.02545	16.40635	-.02866	10.34766
1.205	2.000	00055	00000	.00202	02066	10.36805	-.03787	10.31924
1.205	4 000	- 00069	00009	.00390	.01308	10.30749	-.04534	10 29622
	GRADIENT	-.00072	.00001	-.00011	-.00213	- 01699	-.00441	- 01359

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ005)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = 4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8 000	05933	-.01548	-.12499	.00577	10 22488	-.00231	10.43263
600	-6.000	.05917	-.01731	-.12548	.00371	10.21705	-.00323	:0.43128
.600	-4 000	.06042	- 01930	-.12900	.00247	10.21238	-.00364	10.43068
.600	-2 000	06255	- 02142	-.13412	.00224	10.21149	-.00478	10.42900
.600	.000	06382	-.02319	- 13888	.00216	10 21119	- 00673	10 42614
600	2.000	06358	-.02458	-.13845	.00139	10 20825	- 00992	10.42151
.600	4.000	.06017	-.02504	-.13354	.00057	10.20518	-.01387	10 41572
	GRADIENT	.00003	- 00073	-.00067	-.00023	-.00088	-.00128	-.00187

LARC 8FT TPT 749 (IA93) OTSAT!30   (MJJ005)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	.06676	-.01617	-.14443	-.00753	10.18197	-.00962	10.41214
.900	-6 000	.06486	-.01851	-.14268	-.00679	10.18405	-.00459	10.42460
.900	-4.000	.06365	-.02074	-.14112	-.00716	10 18301	-.00344	10.42748
.900	-2.000	06401	-.02256	-.14609	-.00845	10.17941	-.00435	10 42522
.900	.000	.06356	-.02406	-.14686	-.00931	10.17700	-.00698	10.41868
.900	2.000	.06269	-.02490	-.14588	-.01037	10 17404	-.01089	10.40899
900	4 000	06245	-.02570	-.14565	-.00986	10.17546	-.01684	10.39421
GRADIENT		-.00019	-.00061	-.00044	-.00037	-.00102	-.00167	-.00414

RUN NO   0/ 0   RN/L =   4 07   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	07388	-.01964	-.15931	-.01489	10.15815	-.01007	10.40905
.975	-6.000	07177	-.02159	-.15582	-.01754	10.15016	-.00991	10.40948
.975	-4.000	07022	-.02356	-.15348	-.01884	10.14625	-.00953	10 41047
.975	-2.000	07022	-.02570	-.15544	-.01805	10.14862	-.01014	10.40885
.975	000	07037	-.02712	-.15788	-.01545	10.15646	-.01217	10 40339
.975	2.000	.06553	-.02641	-.15304	-.01877	10.14642	-.01750	10 38911
.975	4.000	.05757	-.02555	-.14433	-.02406	10 13053	-.02607	10.36619
GRADIENT		-.00150	-.00023	.00103	-.00056	-.00168	-.00202	-.00542

RUN NO.   0/ 0   RN/L =   4.23   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	06840	-.02190	-.15124	.02417	10.39176	-.00833	10 41092
1.150	-4 000	06893	-.02530	-.15218	02051	10.36314	-.00473	10.42175
1.150	-2.000	.07023	-.02775	-.15530	.01638	10 33098	-.00270	10.42785
1.150	.000	07089	-.02869	-.15814	.01015	10.28222	-.00928	10.40803
1.150	2.000	.06971	-.02866	-.15637	.00408	10.23484	-.01985	10.37619
GRADIENT		.00015	-.00055	-.00077	-.00278	-.02168	-.00260	-.00782

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ005)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1.205   -8.000   .07268   -.01960   -.15738   .03320   10.46821   -.00774   10.41215
        1.205   -6.000   .07219   -.02236   -.15627   .02940   10.43777   -.00601   10.41748
        1.205   -4.000   .07149   -.02473   -.15536   .02606   10.41112   -.00359   10.42493
        1.205   -2.000   .07208   -.02673   -.15688   .02320   10.38834   -.00692   10.41468
        1.205   .000   .07318   -.02795   -.16035   .01893   10.35422   -.01576   10.38742
        1.205   2.000   .07284   -.02836   -.16045   .01273   10.30516   -.02636   10.35476
        1.205   4.000   .06959   -.02862   -.15738   .00618   10.25239   -.03525   10.32734
                GRADIENT   -.00015   -.00047   -.00038   -.00251   -.02003   -.00414   -.01276

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ006)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         .600   -8.000   .08877   -.02431   -.19294   .00433   10.21940   -.00275   10.43198
         .600   -6.000   .08874   -.02667   -.19398   .00284   10.21376   -.00350   10.43088
         .600   -4.000   .08966   -.02921   -.19758   .00158   10.20900   -.00388   10.43032
         .600   -2.000   .09236   -.03204   -.20366   .00117   10.20742   -.00497   10.42873
         .600   .000   .09538   -.03449   -.20893   .00057   10.20516   -.00659   10.42636
         .600   2.000   .09540   -.03664   -.20927   -.00059   10.20204   -.00987   10.42158
         .600   4.000   .09281   -.03858   -.20559   -.00110   10.20120   -.01378   10.41586
                GRADIENT   .00047   -.00117   -.00108   -.00036   -.00105   -.00123   -.00180

LARC 8FT TPT '/49 (IA93) OTSAT130   (MJJ006)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT			BETA =	6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO =	9.000	
SCALE = 0100							

RUN NO.   0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8 000	.10165	-.02629	-.22340	-.00992	10 17531	- 01038	10.41025
.900	-6.000	09964	- 02885	- 22160	-.00903	10.17778	- 00595	10.42122
.900	-4.000	09841	-.03173	- 22069	-.01000	10.17507	-.00527	10.42292
.900	-2.000	.09859	-.03419	- 22381	- 01075	10 17299	-.00554	10.42226
.900	000	.09750	-.03634	-.22366	-.01224	10 16882	-.00776	10 41675
900	2.000	09504	-.03820	-.22117	-.01284	10 16716	-.01103	10.40863
.900	4.000	.09507	-.03908	- 22033	¬ 01211	10.16917	-.01497	10.39883
	GRADIENT	- 00051	-.00093	.00017	-.00032	-.00088	- 00125	- 00309

RUN NO.   0/ 0   RN/L = 4 07   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	11450	- 03094	- 24942	-.01967	10.14375	-.01106	10 40638
.975	-6.000	.10955	-.03318	-.24255	- 02320	10 13310	-.01136	10 40558
.975	-4.000	10499	- 03576	-.23674	-.02424	10.12993	- 01114	10.40617
.975	-2.000	10208	- 03821	-.23373	-.02229	10 13583	- 01128	10.40579
.975	000	.10021	-.03951	- 23352	-.01843	10 14749	-.01387	10.39886
.975	2 000	.09317	-.03917	- 22636	- 01912	10.14538	-.02015	10.38201
.975	4 000	08658	-.03974	-.21857	- 02174	10.13750	-.02664	10.36467
	GRADIENT	- 00229	- 00045	.00219	.00041	00123	-.00199	-.00534

RUN NO   0/ 0   RN/L = 4 23   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	.10393	- 03399	- 23522	02059	10 36382	-.00902	10 40883
1.150	-4 000	.10131	-.03791	- 23277	01709	10.33643	-.00610	10.41761
1.150	-2 000	.10015	-.04088	-.23212	01305	10 30492	-.00262	10.42810
1.150	.000	.10097	-.04220	-.23444	.00656	10.25422	-.00606	10 41775
1.150	2 000	.09951	- 04258	-.23416	-.00018	10.20239	-.01486	10 39122
	GRADIENT	-.00023	- 00077	-.00032	- 00291	- 02264	-.00149	-.00448

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ006)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	11105	-.03126	-.24621	.02979	10 44097	-.00819	10.41076
1 205	-6 000	10792	-.03497	- 24127	.02640	10.41383	-.00734	10.41337
1.205	-4.000	10574	-.03807	-.23885	.02247	10.38243	- 00321	10.42611
1.205	-2.000	.10430	-.04019	-.25754	.01840	10 34996	- 00313	10.42636
1.205	.000	.10493	- 04171	-.23948	.01340	10 31001	-.01049	10 40367
1.205	2 000	.10442	- 04255	-.24020	00736	10.26178	-.02028	10.37350
1.205	4 000	10085	-.04322	- 23666	.00207	10 21955	-.02987	10.34391
	GRADIENT	- 00048	-.00063	00009	-.00259	- 02070	- 00352	-.01086

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ007)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = -6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
600	-8.000	- 10139	.03068	.24096	01837	10.27260	00873	5.06452
600	-6 000	- 09722	.03144	23531	01680	10.26666	00772	5.06157
600	-4.000	- 09336	.03207	.22728	01570	10.26252	.00677	5 05881
.600	-2 000	- 09250	03312	.22261	.01453	10 25811	.00545	5 05495
.600	000	- 09547	03539	.22154	.01320	10 25297	- 00343	5 04901
600	2.000	-.09688	03736	22257	01281	10 25159	00108	5 04217
.600	4 000	- 09600	03973	.22332	.01197	10 24834	-.00202	5.03605
	GRADIENT	- 00048	00098	-.00040	-.00046	- 00174	-.00110	- 00291

LARC 8FT TPT '/49 (IA93) OTSAT130   (MJJ007)   (02 JUL 76)

REFERENCE DATA		PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = -6.000   ELV-LI = 10.000
ELV-LO = 4.000   ELV-RI = 10.000
ELV-RO = 4.000

RUN NO. 0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	8.000	-.11522	.03107	.27330	.02731	10.37863	.00956	5.08645
.900	-6.000	-.10948	03206	.26351	.02872	10.38761	01315	5.10424
.900	-4.000	-.10453	.03313	.25209	.02874	10.38776	.01318	5.10440
.900	-2.000	-.10330	.03485	.24766	.02838	10.38549	.01399	5.10843
.900	.000	-.10145	.03668	.24071	.02919	10.39067	01234	5.10021
.900	2.000	-.09987	03831	.23823	02849	10.38620	00307	5.05422
.900	4.000	-.10148	.04080	.24197	.02120	10.33941	-.01155	5.01032
	GRADIENT	.00048	.00094	-.00148	-.00075	-.00480	-.00302	-.01212

RUN NO. 0/ 0   RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	-12232	03583	29230	01171	10 28428	.01951	5.14352
.975	-6.000	-11177	.03650	.27650	.02020	10 34321	.02105	5.15172
.975	-4.000	-10274	.03691	.26152	.03241	10.42795	.02262	5.16015
.975	-2.000	-09568	.03770	.24754	.03349	10.43554	.02218	5.15782
975	.000	-09545	.03899	.23995	0°525	10.37833	.01690	5 12955
.975	2 000	-09302	.03993	23725	.01508	10.30769	.00850	5 08451
.975	4 000	-.09043	.04116	23585	.00751	10.2551'+	-.00348	5.02969
	GRADIENT	.00136	00054	-00308	-.00341	-.02367	-.00329	-.01671

RUN NO 0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.1081⁵	.03943	.27070	.04467	10.55166	.01385	5 12242
1.150	-4.000	-10034	04123	.25658	.04075	10.52104	.00312	5 05776
1 150	-2 000	-09848	.04298	.24858	.03608	10 48467	-.00832	5 01393
1.150	.000	-10207	04392	.24822	.02866	10 42671	-.01790	4.98510
1.150	2 000	-10350	.04464	.24885	.02031	10 36156	-02625	4.95995
	GRADIENT	-.00065	.00056	-.00118	-.00344	-.02682	-00488	-.01611

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ007)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA	=	-6.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO	=	4.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO	=	4.000		
SCALE	=	.0100								

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.11949	.03967	.28874	.04764	10.58352	.01234	5.11508
1.205	-6.000	-.11032	.04085	.27415	.04239	10.54160	.00248	5.05427
1.205	-4.000	-.10323	.04221	.26253	.03770	10.50417	-.00821	5.01368
1.205	-2.000	-.10116	.04309	.25349	.03346	10.47030	-.01783	4.98406
1.205	.000	-.10500	.04362	.25184	.02782	10.42517	-.02637	4.95774
1.205	2.000	-.10601	.04433	.25211	.02073	10.36859	-.03385	4.93469
1.205	4.000	-.10339	.04553	.25227	.01110	10.29169	-.04022	4.91502
	GRADIENT	-.00026	.00039	-.00109	-.00330	-.02633	-.00400	-.01233

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ008)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA	=	-4.000	ELV-LI =	10.000
LREF	=	1290.3000 INCHES	YMRP =	0000 IN. YT		ELV-LO	=	4.000	ELV-RI =	10.000
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO	=	4.000		
SCALE	=	.0100								

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	-.07115	.02090	.16703	.01695	10.26727	.00850	5.06386
.600	-6.000	-.06711	.02106	.16137	.01529	10.26087	.00778	5.06174
.600	-4.000	-.06478	.02143	.15622	.01426	10.25700	.00698	5.05941
.600	-2.000	-.06197	.02172	.14807	.01288	10.25174	.00596	5.05641
.600	.000	-.06261	.02284	.14564	.01115	10.24523	.00447	5.05206
.600	2.000	-.06713	.02610	.15018	.01129	10.24582	.00174	5.04409
.600	4.000	-.06381	.02632	.14882	.01034	10.24226	-.00148	5.03684
	GRADIENT	-.00016	.00066	-.00063	-.00047	-.00177	-.00106	-.00287

LARC 8FT TPT '/49 (IA93) OTSAT130   (MJJ008)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEQ	ELV-LO
900	-8.000	-.07958	.01969	.18669	.02531	10.36565	.00847	5.08100
.900	-6.000	- 07380	02048	17717	.02630	10.37202	.01352	5.10602
.900	-4.000	-.06992	02134	.16947	.02623	10.37158	.01388	5 10782
.900	-2.000	-.06841	.02260	.16505	.02616	10.37113	.01428	5 10983
900	.000	-.06785	.02451	.16161	.02643	10.37308	.01321	5.10461
.900	2 000	- 06563	02535	15741	.02705	10.37699	.00828	5.08012
900	4.000	- 06574	.02626	15938	.02011	10.33240	-.00732	5.02084
	GRADIENT	00056	.00063	-.00139	- 00057	- 00363	- 00242	-.01018

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	- 08263	02394	.19917	.00996	10.27215	.01910	5.14134
.975	-6.000	- 07418	.02426	.18725	.01465	10.30470	.02062	5.14949
.975	-4 000	- 06715	02424	.17470	.02415	10 37072	.02201	5.15692
.975	-2 000	- 06256	.02467	.16258	.02735	10.39277	.02230	5.15838
.975	000	-.06388	02553	.15831	.02173	10.35376	.01973	5.14463
.975	2.000	- 06215	02560	.15619	.01115	10.28036	.01182	5.10230
.975	4.000	- 05852	02591	15385	.00259	10.22093	00111	5.04494
	GRADIENT	00088	00021	-.00240	-.00297	-.02059	-.00261	- 01400

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.07064	.02546	.18035	.04149	10 52680	.01977	5 15808
1.150	-4.000	-.06516	02694	16995	.03741	10.49493	01150	5.10824
1 150	-2.000	- 06582	02836	16483	.03392	10 46774	.00009	5.03955
1.150	.000	-.07072	.02889	.16496	.02796	10.42116	-.01101	5.00586
1.150	2.000	-.07206	02950	.16648	.02016	10.36033	-.02057	4 97706
	GRADIENT	-.00128	00041	-.00051	-.00289	-.02252	-.00536	-.02136

LARC 8FT TPT /49 (IA93) OTSAT130   (MJJ008)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT              BETA   =    -4.000   ELV-LI =   10.000
LREF  = 1290.3000 INCHES   YMRP  =      .0000 IN. YT              ELV-LO =     4.000   ELV-RI =   10.000
BREF  = 1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT          ,   ELV-RO =     4.000
SCALE =     .0100
```

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-9 000	-.07800	.02552	19366	.04547	10.56612	.01766	5.14785
1.205	-6 000	- 07197	.02697	.18378	.04033	10.52513	.00966	5.09855
1.205	-4 000	-.06672	02755	.17340	.03627	10 49268	-.00045	5.03763
1.205	-2.000	-.06632	.02816	.16617	.03314	10.46768	- 01049	5.00666
1.205	000	-.07134	.02878	.16700	02832	10.42921	- 01995	4.97751
1.205	2.000	-.07334	02964	16944	.02191	10.37800	-.02908	4.94939
1 205	4.000	- 07078	03036	.16851	.01295	10.30645	-.03596	4.92820
	GRADIENT	- 00076	.00036	- 0C033	-.00289	- 02311	- 00448	-.01381

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ009)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT              BETA   =      000   ELV-LI =   10.000
LREF  = 1290 3000 INCHES   YMRP  =     0000 IN. YT               ELV-LO =    4.000   ELV-RI =   10.000
BREF  = 1290 3000 INCHES   ZMRP  =   400.0000 IN. ZT             ELV-RO =    4.000
SCALE =     0100
```

RUN NO.   0/ 0   RN/L =   3 17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8 000	-.00388	.00176	.01603	.01195	10.24822	00837	5.06345
.600	-6.000	-.00188	.00132	01306	.01052	10.24287	00740	5.06064
.600	-4.000	.00113	.00014	.00690	.00942	10.23869	.00686	5 05908
.600	-2.000	.00093	.00011	.00465	.00785	10.23276	.00631	5.05744
.600	.000	00098	00008	.00109	00717	10.23015	.00512	5.05397
.600	2.000	.00108	-.00019	-.00026	.00719	10 23024	.00327	5 04857
.600	4.000	-.00112	.00033	.00368	.00637	10.22719	.00051	5 04050
	GRADIENT	-.00022	00000	- 00056	-.00034	-.00128	-.00079	-.00230

LARC 8FT TPT 749 (IA93) OTSATI30   (HJJ009)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO =	4 000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT		ELV-RO =	4.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8.000	-.00717	.00185	.01953	.01449	10.29614	.00393	5.05847
.900	-6.000	- 00344	00090	.01348	.01508	10.29995	.01108	5.09397
.900	-4 000	-.00081	.00029	.01006	.01353	10.29002	.01450	5 11099
900	-2.000	00010	.00008	.00652	.01269	10.28459	.01519	5.11438
.900	.000	.00090	-.00025	00198	01420	10.29432	.01501	5 11353
.900	2 000	00157	-.00002	- 00105	.01505	10.29978	01189	5.09802
900	4.000	00112	.00032	.00060	.01598	10.30571	.00207	5 04928
	GRADIENT	00027	-.00000	-.00132	.00036	.00233	-.00141	- 00699

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	- 00448	.00180	01889	- 00012	10 20265	01847	5.13802
.975	-6.000	- 00113	00109	01392	-.00286	10 19438	.01973	5.14478
.975	-4 000	00287	00015	00615	.00028	10 20497	.02211	5.15749
.975	-2.000	00502	-.00037	- 00023	.00815	10 25958	.02305	5.16255
.975	000	.00423	-.00070	-.00214	.00665	10 24915	.02167	5.15514
.975	2 000	.00327	- 00095	-.00279	.00208	10.21741	.01815	5.13624
975	4 000	-.00005	00013	.00247	- 00676	10.18262	.00661	5.08514
	GRADIENT	- 00038	- 00003	- 00050	- 00101	- 00434	-.00159	- 00855

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	-.00037	.00109	.01100	.03753	10 49594	.02180	5.17030
1 150	-4.000	.00157	.00059	.00694	.03262	10.45766	.02413	5.18438
1.150	-2.000	00206	.00012	00302	.02980	10.43560	.01654	5.13865
1.150	.000	00081	- 00034	-.00001	.02754	10.41791	00393	5.06266
1 150	2 000	-.00190	00027	.00347	02147	10 37063	-.00919	5.01130
	GRADIENT	- 00058	- 00007	-.00067	-.00179	- 01394	-.00563	-.02976

LARC 8FT TPT /49 (IA93) QTSAT130   (MJJ009)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.00128   .00224   .01468   .04339   10.54953   .02034   5.16436
        1.205   -6.000   00077   .00183   .01170   .03944   10.50990   .01942   5.15869
        1.205   -4.000   00341   .00097   .00639   .03424   10 47637   .01387   5.12443
        1.205   -2.000   00487   .00019   .00057   .03176   10.45659   .00534   5.07193
        1 205   .000   00339   .00001   - 00134   02971   10.44029   -.00624   5.01976
        1 205   2.000   .00016   .00051   .00209   .02474   10 40057   -.01743   4.98528
        1.205   4 000   - 00170   .00087   00512   .01723   10 34060   -.02664   4.95690
                  GRADIENT   -.00075   .00001   - 0C005   -.00205   -.01638   - .0519   - 02109

LARC 8FT TPT 749 (IA93) QTSAT130   (MJJ010)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .600   -8 000   05959   -.01434   - 12612   .00724   10.23040   .00691   5.05920
         600   -6.000   05948   -.01629   -.12692   .00508   10.22224   .00603   5 05661
        .600   -4.000   06103   -.01852   -.13076   .00384   10.21754   .00583   5.05606
        .600   -2.000   06215   -.02029   -.13415   00400   10.21815   .00614   5.05696
        .600   .000   06372   -.02227   -.13964   .00441   10 21970   .00550   5.05507
        .600   2 000   .06507   -.02427   - 14268   .00363   10.21677   00389   5.05038
        .600   4 000   06116   -.02479   -.13717   .00257   10 21273   .00110   5.04222
                  GRADIENT   00015   -.00083   - 00107   -.00015   -.00055   - 00059   -.00171

LARC 8FT TPT '/49 (IA93) OTSAT130   (MJJ010)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT	BETA = 4.000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO = 4.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = 4.000	
SCALE	=	.0100					

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8 000	06556	-.01519	-.14483	-.00025	10.20229	-.00319	5.03109
.900	-6 000	.06431	-.01790	-.14354	.00099	10.20935	.00521	5.06485
.900	-4.000	.06216	-.01988	- 13989	.00116	10.21046	01219	5.09950
900	-2 000	06234	-.02165	- 14489	-.00015	10.20259	01409	5.10890
.900	.000	.06201	-.02299	-.14611	- 00001	10.20297	.01449	5.11090
900	2.000	.06960	-.02316	-.14429	-.00028	10.20222	.01296	5.10335
.900	4.000	.06288	- 02440	- 14744	-.00053	10 20151	.00628	5.07017
	GRADIENT	-.00002	- 00053	- 00073	-.00018	- 00091	-.00065	- 00321

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	07243	-.01817	- 15823	-.01238	10.16571	.01544	5.12170
975	-6.000	07013	-.02025	- 15489	-.01409	10 16053	01597	5.12456
.975	-4.000	06906	-.02236	-.15376	-.01475	10.15855	01806	5.13576
.975	-2 000	05944	-.02422	- 15456	-.01287	10 16422	.01921	5.14192
975	000	06743	- 02555	-.15392	-.00862	10 17702	.01834	5.13726
975	2.000	.06364	- 02554	-.15099	-.00879	10 17653	01435	5.11586
.975	4 000	05666	- 02457	-.14368	- 01209	10 16653	.00826	5 08324
	GRADIENT	- 00148	- 00029	.00119	.00047	.00142	-.00122	-.00656

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	.06723	- 02072	- 15074	.02603	10 40613	01869	5 15157
1.150	-4.000	06768	- 02425	- 15140	02305	10.38287	.02373	5.18189
1.150	-2.000	06903	-.02637	- 15415	.01915	10.35244	.02666	5.19959
1.150	.000	07030	-.02823	- 15828	.01313	10.30549	.01910	5.15407
1.150	2.000	06904	-.02797	-.15582	.00766	10.26281	.00674	5.07958
	GRADIENT	00027	-.00062	- 00087	- 00261	-.02036	-.00293	-.01762

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ010)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	.07183	-.01973	-.15635	.03368	10.47208	.01684	5.14279
1.205	-6 000	07141	-.02178	-.15496	.03071	10.44832	01942	5.15875
1.205	-4 000	07091	-.02446	-.15454	02817	10.42802	02340	5.18328
1.205	-2.000	07136	- 02646	- 15642	.02551	10.40674	.02006	5 16263
1.205	.000	.07318	- 02786	-.16103	.02163	10 37573	00940	5.09695
1.205	2 000	.07352	- 02845	- 16223	.01671	10 33643	-.00231	5 03189
1 205	4 000	06982	- 02852	-.15808	.01036	10 28575	- 01385	4.99631
	GRADIENT	- 00000	-.00051	-.0C064	- 00222	-.01774	- 00484	-.02523

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ011)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA -

SREF = 2690 0000 SQ FT.   XMRP =   976 0000 IN XT   BETA   =   6 000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.17   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
600	-8.000	.08766	- 02284	-.19182	.00535	10 22327	.00636	5.05760
.600	-6.000	08911	-.02567	-.19488	00434	10 21942	00574	5 05579
.600	-4.000	.09031	- 02832	- 19876	.00290	10 21397	00551	5 05511
600	-2 000	09219	- 03080	-.20411	.00241	10.21212	.00576	5 05585
600	.000	09526	-.03347	- 20952	.00208	10 21089	00545	5 05493
600	2 000	09607	-.03576	- 21148	00136	10 20814	.00373	5.04990
600	4 000	09279	- 03753	-.20672	.00111	10 20722	00105	5 04208
	GRADIENT	00044	-.00117	-.00116	-.00023	- 00087	-.00055	- 00160

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ011)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	.10125	-.02539	-.22419	-.00334	10.19368	-.00341	5.03054
.900	-6.000	.09997	-.02840	-.22346	-.00199	10.19745	.00489	5.06329
.900	-4.000	.09838	-.03131	-.22195	-.00261	10.19572	.01123	5 09473
.900	-2.000	.09730	- 03326	-.22280	-.00338	10.19356	01288	5 10292
.900	000	.09669	-.03527	-.22350	-.00385	10 19226	.01369	5.10692
.900	2 000	09410	-.03653	-.22019	-.00417	10 19135	.01241	5.10056
900	4.000	09529	-.03789	-.22160	-.00402	10 19179	.00726	5 07504
	GRADIENT	- 00047	-.00082	00017	-.00018	- 00050	-.00042	-.00209

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	11261	- 02943	-.24770	- 01738	10 15062	.01529	5.12095
.975	-6.000	10819	-.03182	-.24172	- 01960	10.14392	.01517	5.12030
975	-4.000	10424	-.03450	-.23679	- 01953	10 14419	.01627	5.12609
975	-2.000	10069	-.03680	- 23260	-.01642	10.15355	.01684	5.12917
.975	.000	09830	-.03850	- 23051	-.01123	10.16917	01584	5.12385
.975	2.000	.09219	-.03855	- 22525	- 00974	10 17365	.01227	5.10476
.975	4 000	08599	- 03892	- 21842	-.01015	10.17242	.00801	5 08193
	GRADIENT	-.00225	- 00053	00220	.00127	.00383	-.00105	-.00564

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.10310	- 03300	-.23481	.02229	10.37700	.01810	5.14801
1.150	-4.000	.10044	- 03705	-.23224	.01936	10.35411	02170	5.16971
1.150	-2.000	.09955	-.04024	-.23177	.01556	10.32445	.02619	5.19671
1.150	.000	10026	-.04173	-.23374	.00941	10.27642	.02375	5.18205
1.150	2 000	09902	-.04198	-.23296	.00300	10.22642	.01332	5.11922
	GRADIENT	-.00018	-.00081	-.00021	-.00276	-.02156	-.00138	-.00831

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ011)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	4 000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	4.000		
SCALE = .0100							

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	.11051	-.03057	-.24567	.03019	10.44420	.01655	5.14106
1.205	-6.000	.10727	-.03443	-.24005	.02749	10.42263	.01790	5.14933
1.205	-4.000	.10517	-.03783	-.23758	.02441	10.39800	.02342	5.18337
1.205.	-2.000	10397	- 04023	-.23701	.02062	10.36770	.02416	5.18790
1.205	000	.10446	-.04144	-.23876	.01605	10.33118	.01585	5.13669
1.205	2.000	.10470	- 04237	-.24042	.01060	10.28765	.00479	5.06850
1.205	4 000	.10120	- 04312	-.23734	.00587	10 24987	-.00683	5 01795
	GRADIENT	-.00036	-.00064	-.00015	-.00236	- 01882	-.00399	- 02251

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ012)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.	XMRP =	976 0000 IN XT		BETA =	-6.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN. YT		ELV-LO =	14.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	14.000		
SCALE = .0100							

RUN NO.   0/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
600	-8.000	-.09961	03087	.23793	.01100	10 24467	-.01424	15.75718
.600	-6 000	-.09590	03176	.23325	.00958	10.23928	-.01646	15.75394
.600	-4 000	-.09176	03234	.22552	00821	10.23413	-.01956	15.74940
600	-2 000	-.09079	.03359	.22023	.00701	10 22958	-.02289	15.74452
.600	.000	-.09476	.03610	.22121	.00598	10.22568	-.02638	15.73943
.600	2.000	- 09664	.03850	.22217	.00466	10.22064	-.03115	15.73250
.600	4 000	-.09559	.04084	.22253	.00340	10 21586	-.03718	15.72364
	GRADIENT	- 00067	00109	-.00020	-.00060	- 00227	-.00218	- 00318

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ012)   (02 JUL 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

PARAMETRIC DATA

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	14.000	ELV-RI	=	10.000
ELV-RO	=	14.000			

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.11304	.03093	.26980	.01101	10.27378	-.02183	15 72385
900	-6.000	-.10883	.03282	.26288	-.01216	10.28118	-.02294	15.72110
.900	-4.000	-.10414	.03397	.25289	.01245	10.28305	-.02743	15 70994
.900	-2.000	-.10120	.03547	.24493	.01239	10.28261	-.02940	15 70509
900	.000	-.09840	03755	.23701	01004	10.26757	-.03203	15.69853
.900	2 000	-.09528	.03953	23116	.00965	10.26506	-.03822	15 68317
.900	4 000	- 09733	.04162	.23631	.00709	10.24857	-.04842	15 65787
	GRADIENT	00098	.00097	- 00235	-.00067	-.00433	-.00254	- 00630

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 12265	.03629	.29201	.01160	10.28356	-.03665	15.67981
.975	-6.000	- 11135	.03664	.27507	01678	10.31953	-.03357	15.68804
.975	-4 000	- 10198	.03688	.25931	.01612	10 31491	-.03179	15.69281
.975	-2 000	- 09518	.03793	24598	.00328	10 22580	- 03363	15 68791
.975	000	- 09436	.03893	.23830	- 01391	10.16107	- 03820	15.67566
.975	2 000	- 09239	04022	.23603	- 02876	10.11631	-.05384	15.63376
.975	4.000	- 08937	.04204	.23416	-.03211	10.10625	-.05914	15.59285
	GRADIENT	00140	.00063	-.00301	- 00643	-.02634	-.00474	-.01270

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10834	.03951	.26994	.03401	10 46861	-.03953	15.65888
1.150	-4.000	-.10102	.04127	.25716	.02911	10.43032	-.04873	15.63114
1.150	-2.000	-.09885	.04273	.24892	.02374	10.38844	-.05760	15.60441
1.150	.000	-.10205	.04341	.24740	.01582	10.32654	-.06441	15 58393
1.150	2 000	-.10324	.04421	.24802	.00768	10.26301	-.07048	15.56558
	GRADIENT	-.00049	.00048	-.00145	-.00361	- 02819	-.00360	- 01086

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ012)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

              RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.12058   .03896   .29035   .03885   10 51342   -.03709   15.66365
        1.205   -6.000   -.11071   .04064   .27382   .03386   10.47348   -.04464   15.64040
        1 205   -4.000   -.10349   04174   .26169   .03001   10.44266   -.05463   15.60965
        1 205   -2 000   - 10082   .04228   .25242   .02633   10.41334   -.06321   15.58316
        1.205   .000   - 10404   .04273   25033   .02091   10 37012   -.07053   15.56048
        1.205   2 000   -.10557   .04395   .25101   01220   10 30050   -.07694   15 54081
        1.205   4.000   -.10210   04519   .25057   - 00097   10 19963   -.08190   15.52554
                 GRADIENT   - 00010   .00043   -.00118   -.00380   - 02994   -.00341   - 01053

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ013)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

              RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .600   -8.000   - 07063   .02103   .16637   .00972   10.23983   -.01440   15.75695
        .600   -6.000   - 06623   .02111   .16088   .00827   10 23431   -.01640   15.75403
        .600   -4 000   -.06359   .02156   15481   .00707   10.22976   - 01916   15.75003
        .600   -2.000   -.06186   .02251   14888   00571   10.22459   -.02250   15.74515
        .600   .000   -.06352   02418   .14711   .00426   10.21913   -.02629   15.73960
        .600   2.000   -.06480   .02522   .14609   .00302   10.21444   -.03024   15.73377
        600   4 000   - 06325   .02703   .14806   .00173   10 20954   -.03674   15 72434
                 GRADIENT   - 00011   00068   -.00081   -.00067   -.00253   - 00214   -.00314

LARC 8FT TPT '/49 (IA93) OTSATI30   (MJJ013)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8.000	-.07860	.01955	.18435	.00551	10.23841	-.02391	15.71869
900	-6.000	-.07330	02106	.17619	.00625	10 24318	-.02415	15.71810
.900	-4 000	-.06966	.02197	.16949	.00586	10.24069	-.02885	15.70644
.900	-2.000	- 06793	.02329	.16362	00566	10.23936	-.03160	15.69966
900	.000	- 06520	.02480	.15644	.00379	10.22738	-.03402	15.69361
.900	2.000	- 06172	.02577	.15110	00264	10 21999	-.03931	15.68043
.900	4.000	-.06307	.02710	.15633	00234	10.21802	-.04674	15.66202
	GRADIENT	.00097	.00064	-.0C194	- 00050	- 00324	-.00217	-.00540

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL =   5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	- 08319	02432	19871	.01013	10 27334	-.03797	15.67623
.975	-6 000	- 07340	02417	18404	.01320	10.29468	-.03643	15.68037
975	-4.000	- 06649	02406	.17138	.01158	10 28338	-.03538	15 68324
.975	-2.000	-.05319	02513	16293	.00140	10 21270	-.03553	15.68283
975	.000	- 06471	02604	15980	-.01632	10 15382	-.03911	15 67322
975	2 000	-.06290	02610	15558	-.03325	10 10277	-.05077	15.64197
.975	4.000	- 05908	.02694	.15304	-.03925	10 08473	-.06547	15.60263
	GRADIENT	.00076	00034	-.00220	-.00682	- 02536	-.00377	-.01010

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.07146	02592	18092	.03271	10.45843	-.03734	15.66548
1.150	-4 000	-.06689	02742	.17173	02729	10.41612	- 04422	15.64477
1 150	-2.000	-.06607	.02810	16425	02250	10 37874	- 05307	15.61808
1.150	.000	-.07060	.02844	16389	01552	10.32424	-.06058	15.59544
1.150	2.000	-.07230	.02930	.16556	00749	10.26152	-.06737	15.57498
	GRADIENT	-.00104	.00030	- 00094	- 00332	-.02591	-.00385	-.01160

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ013)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   14 000
SCALE =   0100

                RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.07926   .02614   .19571   .03784   10.50541   -.03506   15 66990
        1 205   -6.000   -.07297   .02715   .18466   .03258   10.46329   -.04105   15.65146
        1.205   -4.000   -.06721   .02738   .17380   .02856   10.43107   -.05018   15.62336
        1.205   -2.000   -.06635   .02780   .16677   02533   10.40541   -.05846   15.59779
        1.205   .000   -.07102   02833   .16587   02128   10 37304   -.06581   15 57508
        1.205   2.000   -.07236   02912   .16685   .01400   10 31480   - 07232   15 55510
        1.205   4.000   - 06974   03031   .16743   .00285   10 22577   -.07824   15 53678
                  GRADIENT -.00055   .00036   - 05063 -.00314   - 02506   -.00350   -.01079

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ014)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14.000
SCALE =   0100

                RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        600   -8.000   - J0376   .00177   .01571   .00519   10.22266   - 01465   15.75660
        .600   -6 000   -.00099   .00096   .01132   .00366   1G 21687   -.01597   '5 75464
        .600   -4.000   .00203   .00002   .00502   .0C256   10 21269   -.01829   15 75125
        .600   -2 000   00245   00014   .00147   00052   10.20495   - 02166   15.74635
        600   000   .00188   .00040   - 00037 -.00044 10.20227   -.02565   15.74046
        .600   2.000   .00110   00030   -.00004 -.00090 10 20152   -.03022   15 73384
        .600   4.000   -.00079   .00085   00320   -.00171 10.20018   -.03520   15 72653
                  GRADIENT - 00035   00009   -.00026 - 00050   - 00142   -.00212   -.00310

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ014)   (02-JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

              RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         900   -8.000   -.00546   .00175   .01618   -.00756   10.18189   -.03034   15.70270
        .900   -6.000   -.00181   00115   .01024   -.00780   10.18125   -.02938   15.70513
        .900   -4 000   00100   .00087   .00619   -.01029   10.17428   -.03223   15.69807
        .900   -2 000   00126   .00110   .00300   -.01349   10.16535   -.03586   15.68901
        .900   000   00166   .00064   00060   -.01355   10.16519   - 03987   15 67908
        900   2.000   00256   .00057   - 00365   - 01498   10 16121   - 04357   15 66996
        .900   4.000   00200   .00078   -.00174   -.01226   10 16878   - 04678   15 66191
                GRADIENT   00016   -.00004   -.00113   -.00027   - 00076   - 00184   -.00457

              RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .975   -8.000   - 00377   .00190   .01720   -.00295   10 19411   -.04075   15 66885
        .975   -6 000   - 00067   00124   .01290   -.00068   10 20095   -.04099   15 66821
        .975   -4 000   00306   .00037   .00529   -.00052   10 20144   -.04116   15 66775
        .975   -2.000   .00468   .00002   -.00079   - 00846   10.17749   - 04108   15.66792
        .975   .000   00233   .00002   .00060   -.02122   10.13904   -.04168   15.66633
        .975   2 000   00133   .00017   - 00055   -.03702   10 09144   - 04682   15.65257
        .975   4.000   - 00069   00116   .00190   - 05206   10 04603   - 0C049   15 61596
                GRADIENT - 00054   00009   -.00033   -.00658   -.01984   - 00222   -.00595

              RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 150   -6 000   - 00093   .00158   .01191   03015   10 43848   - 03862   15.66162
        1.150   -4.000   .00120   .00098   .00754   02503   10.39843   -.03889   15.66082
        1 150   -2.000   00131   .00062   .00383   02127   10.36912   - 04485   15.64283
        1.150   000   -.00099   .00048   00277   .01758   10 34041   -.05286   15.61862
        1.150   2.000   -.00229   .00045   .00289   .01028   10.28331   -.05959   15.59842
                GRADIENT - 00064   -.00009   - 00075   -.00240   -.01870   -.00351   - 01057

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ014)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

            RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.00068   .00250   .01353   .03833   10.50917   -.03532   15.66912
        1 205   -6.000   .00071   .00239   .01126   .03268   10.46408   -.03660   15.66518
        1 205   -4.000   00281   00157   .00631   .02765   10.42387   - 04209   15.64827
        1.205   -2.000   00442   00066   .00041   02449   10.39862   - 04874   15 62776
        1.205   .000   00305   .00057   -.00188   02201   10 37894   - 05705   15.60206
        1 205   2 000 - 00002   00085   00096   01669   10 33646   -.06518   15.57693
        1 205   4.000 - 00205   00122   .00530   00856   10.27140   - 07092   15 55932
               GRADIENT - 00071   - 00003   -.0C007   - 00230   - 01836   - 00370   -.01144

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ015)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN XT   BETA   =   4 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14.000
SCALE =   0100

            RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         600   -8 000   06013   -.01483   -.12673   .00114   10.20732   -.01566   15.75511
         600   -6.000   .06100   -.01697   -.12880   -.00080   10.20169   -.01732   15 75267
        .600   -4 000   .06111   -.01841   -.13146   -.00236   10.19912   -.01868   15.75070
        .600   -2.000   .06309   -.02050   - 13641   -.00252   10.19886   -.02127   15.74693
        .600   .000   .06404   -.02225   -.14021   - 00282   10.19837   - 02540   15.74089
        .600   2 000   .06429   -.02351   -.14169   - 00357   10.19713   - 03015   15 73394
        .600   4 000   06016   -.02416   -.13591   -.00467   10 19532   - 03445   15 72762
               GRADIENT - 00004   - 00073   -.00071   -.00028   - 00047   - 00202   - 00296

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ015)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14 000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	.06564	-.01443	-.14462	-.01758	10.15391	-.03217	15.69815
.900	-6 000	.06446	-.01663	-.14316	-.01732	10 15465	-.03215	15.69822
.900	-4 000	.06384	-.01880	-.14210	-.01831	10.15190	-.03388	15.69393
900	-2.000	.06442	-.02092	-.14825	- 01937	10 14895	-.03628	15.68801
.900	000	.06336	-.02243	-.14795	-.01939	10 14890	-.04061	15.67732
.900	2 000	.06002	- 02268	- 14414	- 02087	10 14475	- 04384	15.66921
.900	4 000	06022	- 02372	-.14509	-.02080	10 14493	- 04671	15.66206
	GRADIENT	- 00058	-.00058	-.0C009	- 00032	-.00091	- 00166	-.00413

RUN NO   '0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	.07370	-.01842	- 16056	- 02259	10 13493	- 04147	15 66693
.975	-6.000	07108	- 02028	- 15644	-.02702	10 12159	-.04066	15.66912
.975	-4 000	06933	- 02201	-.15375	- 03077	10 11025	-.04026	15 67014
.975	-2.000	06880	- 02369	- 15458	-.03394	10 10072	-.04280	15.66336
975	000	06744	- 02481	-.15489	-.03544	10 09617	-.04853	15 64798
.975	2 000	06329	-.02421	-.15210	-.04086	10.07988	-.06014	15 61691
975	4 000	05609	-.02352	-.14428	- 04566	10 06542	- 06952	15 59177
	GRADIENT	- 00160	-.00018	00107	-.00183	- 00553	-.00379	-.01016

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	06754	-.02052	-.15162	02096	10.36667	-.04032	15 65653
1.150	-4.000	.06729	-.02357	-.15135	01717	10 33711	- 03872	15.66130
1.150	-2.000	.06801	-.02580	-.15316	.01305	10 30490	-.03851	15.66192
1.150	.000	.06875	-.02683	-.15612	00688	10 25670	-.04423	15.64476
1.150	2.000	.06866	-.02731	-.15714	.00010	10 20376	-.05096	15.62446
	GRADIENT	00024	- 00061	- 00102	-.00287	-.02241	-.00212	-.00639

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ015)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

          RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

     MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
     1.205   -8.000   .07124   -.01856   -.15669   .03039   10.44569   -.03789   15.66124
     1.205   -6.000   .07167   -.02147   -.15686   02671   10 41637   -.03725   15.66317
     1.205   -4 000   .07082   -.02364   -.15597   02301   10.38684   - 03647   15.66559
     1.205   -2 000   06976   - 02508   -.15517   .02005   10.36315   - 04053   15.65310
     1 205   000   .07148   -.02673   -.15972   01590   10.33005   -.04727   15 63226
     1.205   2 000   07196   -.02753   -.16170   .00970   10.28052   -.05522   15.60770
     1.205   4 000   06795   -.02791   -.15765   .00281   10.22547   -.06154   15.58825
            GRADIENT   - 00018   -.00055   - 0C049   - 00254   -.02027   -.00324   -.01000

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ016)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

          RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5 00

     MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
     .600   -8 000   .08843   -.02332   -.19354   -.00095   10.20144   -.01640   15.75400
     600   -6.000   08960   -.02595   -.19607   - 00203   10.19965   -.01794   :5.75175
     .600   -4.000   .09064   -.02833   - 20005   -.00334   10 19751   -.01883   15.75049
     .600   -2.000   .09296   -.03112   -.20568   -.00411   10.19623   - 02121   15.74700
     .600   000   .09555   -.03352   -.21084   - 00450   10.19560   -.02493   15.74156
     .600   2 000   09537   -.03544   -.21037   -.00579   10.19349   - 02973   15 73458
     .600   4.000   09317   -.03748   -.20783   -.00690   10.19166   -.03392   15 72844
            GRADIENT   00037   -.00113   -.00101   -.00044   - 00072   -.00193   - 00283

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ016)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI =	10.000
ELV-LO	=	14.000	ELV-RI =	10.000
ELV-RO	=	14.000		

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8 000	.10111	-.02447	-.22454	-.01988	10.14750	-.03275	15 69670
.900	-6.000	.09907	-.02694	-.22216	-.01910	10.14965	-.03237	15.69764
.900	-4.000	.09724	-.02962	-.21979	-.01974	10.14790	-.03384	15.69404
.900	-2 000	09809	-.03236	- 22433	-.01937	10.14896	-.03560	15.68971
.900	.000	.09711	-.03479	- 22453	-.02019	10.14665	-.03949	15 68003
.900	2 000	.09237	-.03614	- 21865	-.02101	10.14437	- 04238	15.67287
900	4.000	.09266	- 03771	- 21982	- 02091	10 14464	-.04534	15 66550
	GRADIENT	- 00074	- 00100	0C028	- 00020	-.00056	- 00149	-.00370

RUN NO.   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	11425	- 02968	- 25092	- 02796	10.11876	- 04397	15.66021
.975	-6 000	10873	- 03166	-.24281	- 03380	10.10112	-.04310	15 66255
975	-4.000	.10406	-.03410	- 23629	- 03723	10 09076	-.04151	15 66676
975	-2.000	10145	-.03655	-.23458	- 03866	10 08647	-.04472	15.65821
.975	.000	.09782	- 03730	- 23170	-.03788	10 08880	-.05312	15 63567
.975	2 000	09080	- 03704	- 22525	- 03865	10.08653	-.06128	15.61385
.975	4.000	.08400	-.03754	-.21718	-.04101	10 07933	-.06813	15.59548
	GRADIENT	-.00254	- 00037	.00238	-.00038	-.00113	-.00349	- 00935

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.10322	-.03257	- 23570	.01777	10.34176	-.04103	15.65436
1.150	-4 000	.10008	-.03633	-.23230	.01414	10.31344	-.03957	15.65876
1.150	-2 000	.09873	-.03929	-.23171	.01020	10.28267	-.03792	15.66372
1.150	.000	.09917	-.04054	-.23367	.00381	10.23274	-.04175	15.65220
1.150	2.000	09776	-.04095	-.23314	-.00383	10.19000	-.04818	15 63285
	GRADIENT	- 00033	- 00076	-.00022	-.00302	- 02101	-.00148	-.00446

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ016)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.11020	-.03027	-.24670	.02712	10.41959	-.03850	15.65934
1.205	-6.000	.10688	-.03392	-.24150	.02388	10.39376	-.03850	15.65932
1.205	-4.000	.10434	-.03681	-.23844	.01973	10.36061	-.03598	15.66712
1.205	-2.000	.10240	-.03871	-.23657	.01568	10.32822	-.03690	15.66432
1.205	.000	.10318	-.04046	-.23961	.01111	10.29175	-.04330	15.64455
1.205	2.000	.10324	-.04162	-.24120	.00478	10.24123	-.05076	15.62148
1.205	4.000	.09918	-.04245	-.23673	-.00068	10.20066	-.05677	15.60296
	GRADIENT	-.00047	-.00071	-.00006	-.00259	-.02034	-.00277	-.00856

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ017)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10726	.03927	.27020	.05297	10.61667	.06570	-4.88399
1.150	-4.000	-.09965	.04150	.25688	.04827	10.58003	.05078	-4.97396
1.150	-2.000	-.09757	.04331	.24854	.04247	10.53478	.03590	-5.06361
1.150	.000	-.10129	.04447	.24765	.03487	10.47533	.02268	-5.14332
1.150	2.000	-.10262	.04511	.24808	.02609	10.40678	.01072	-5.21537
	GRADIENT	-.00063	.00060	-.00136	-.00371	-.02896	-.00667	-.04020

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.11915	.03877	.28925	.05245	10.62229	.06470	-4.88088
1.205	-6.000	-.10949	.04105	.27337	.04604	10.57108	.05038	-4.96921
1.205	-4.000	-.10167	.04226	.26041	.04073	10.52864	.03692	-5.05220
1.205	-2.000	-.09945	.04323	.25160	.03653	10.49503	.02607	-5.11914
1.205	.000	-.10370	.04390	.25022	.03072	10.44855	.01538	-5.18514
1.205	2.000	-.10491	.04424	.24979	.02352	10.39103	.00522	-5.24779
1.205	4.000	-.10187	.04542	.24986	.01204	10.29922	-.00377	-5.29163
	GRADIENT	-.00029	.00037	-.00115	-.00352	-.02814	-.00511	-.03038

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ018)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE =	.0100			

BETA =	-4.000	ELV-LI =	10.000
ELV-LO =	-5.000	ELV-RI =	10.000
ELV-RO =	-5.000	

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.07020	.02534	.18013	.04895	10.58532	.07371	-4.83568
1.150	-4.000	-.06478	.02707	.16999	.04466	10.55183	.06204	-4.90605
1.150	-2.000	-.06416	.02824	.16251	.04013	10.51637	.04700	-4.99675
1.150	.000	-.07031	.02936	.16461	.03388	10.46768	.03200	-5.08708
1.150	2.000	-.07089	.02960	.16459	.02604	10.40639	.01813	-5.17073
	GRADIENT	-.00122	00043	-.00070	-.00311	-.02425	-.00734	-.04422

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.07757	02548	19362	.04991	10 60190	.07259	-4.83231
1.205	-6.000	-.07139	02720	18338	.04457	10.55930	.06029	-4.90805
1.205	-4.000	-.06572	02779	.17278	.03992	10.52229	.04621	-4.99483
1.205	-2.000	-.06533	.02840	.16606	03617	10 49215	.03456	-5.06679
1.205	.000	-.07041	.02904	.16625	.03155	10.45509	.02295	-5.13853
1 205	2.000	-.07138	.02910	.16547	.02587	10.40976	.01121	-5.21086
1.205	4.000	-.06968	03032	.16753	.01638	10.33391	.00048	-5.27706
	GRADIENT	-.00070	.00029	-.00055	-.00287	-.02296	-.00574	-.03543

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ019)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT	
SCALE =	.0100			

BETA =	.000	ELV-LI =	10.000
ELV-LO =	-5.000	ELV-RI =	10.000
ELV-RO =	-5.000	

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.00118	.00098	.01213	.04105	10.52361	.07859	-4.80639
1.150	-4.000	.00115	.00038	.00716	.03703	10.49228	.07837	-4.80754
1.150	-2.000	.00243	-.00029	.00168	.03481	10.47490	.06850	-4.86709
1.150	.000	.00107	-.00069	-.00035	.03235	10.45563	.05328	-4.95889
1.150	2.000	-.00182	.00007	.00305	.02598	10.40591	.03657	-5.05961
	GRADIENT	-.00051	-.00007	-.00072	-.00178	-.01392	-.00703	-.04240

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ019)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT			BETA =	.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO =	-5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO =	-5.000	
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.00001	00157	.01240	.04691	10.57801	.07749	-4.80197
1.205	-6.000	.00168	.00127	.01013	.04176	10.53690	.07490	-4.81788
1.205	-4.000	00419	.00034	.00487	.03748	10.50261	06704	-4.86644
1.205	-2.000	00551	- 00037	-.00052	.03503	10.48290	05516	-4.93984
1.205	.000	.00301	- 00010	- 00002	.03253	10 46296	04125	-5.02559
1.205	2.000	00106	.00003	.00029	02793	10 42628	.02725	-5 11193
1.205	4.000	-.00066	.00039	.00350	02138	10 37394	.01358	-5.19619
	GRADIENT	- 00071	.00003	-.00010	- 00196	- 01570	-.00674	- 04158

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ020)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT			BETA =	4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT			ELV-LO =	-5.000	ELV-RI = 10.000
BREF = 1290 3000 INCHES	ZMRP =	400.0000 IN. ZT			ELV-RO =	-5.000	
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.06651	-.02102	-.15102	02864	10.42660	.07666	-4.81808
1.150	-4.000	06646	- 02464	-.15161	.02582	10.40459	07980	-4.79913
1.150	-2.000	.06743	- 02750	-.15339	02311	10.38355	.08131	-4.78985
1.150	.000	.06894	-.02908	-.15666	01845	10.34714	.07335	-4.83779
1.150	2.000	06888	-.02896	-.15686	01293	10.30396	05673	-4.93804
	GRADIENT	.00044	- 00073	-.00095	-.00217	- 01692	- 00386	-.02323

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.07192	-.01930	-.15788	.03566	10.49597	.07340	-4.82735
1.205	-6.000	.07148	-.02261	-.15657	.03326	10.46872	.07478	-4.81895
1.205	-4.000	.07117	-.02548	-.15701	.03031	10.44525	.07755	-4.80173
1.205	-2.000	.07118	-.02743	-.15799	.02807	10.42737	.07326	-4.82816
1.205	.000	.07196	-.02851	-.15944	.02458	10.39944	.06072	-4.90545
1.205	2.000	07323	-.02909	-.16233	01939	10 35799	.04463	-5.00463
1.205	4.000	06963	-.02901	-.15907	.01335	10 30971	.02913	-5 10024
	GRADIENT	-.00005	-.00044	- 00042	-.00213	-.01702	-.00627	-.03867

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ021)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000
ELV-LO	=	-5.000
ELV-RO	=	-5.000

ELV-LI	= 10.000
ELV-RI	= 10.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	.10285	-.03354	- 23600	.02476	10.39629	.07608	-4.82159
1 150	-4.000	.09944	-.03771	- 23222	.02182	10.37341	.07798	-4 81010
1.150	-2.000	.09811	-.04103	-.23094	.01905	10.35179	.08133	-4 78974
1.150	000	09937	-.04292	-.23423	.01379	10 31069	.07908	-4.80337
1.150	2.000	.09874	- 04343	-.23476	.00795	10.26509	.06595	-4 88235
	GRADIENT	- 00004	-.00095	- 00055	-.00234	- 01830	-.00192	-.01152

RUN NO   0/ 0   RN/L =   4 22   GPADIENT INTERVAL = -5.00/ 5.00

MACH	ALFHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.11096	-.03129	- 24809	.03283	10.46541	.07258	-4 83224
1.205	-6.000	.10737	-.03549	-.24218	02998	10 44264	.07287	-4.83043
1 205	-4.000	.10450	-.03881	-.23853	02657	10.41542	.07708	-4.80447
1.205	-2.000	10317	-.04123	-.23756	.02295	10 38646	.07755	-4.80154
1.205	000	.10391	-.04268	-.23987	.01886	10 35374	.06936	-4.85215
1.205	2.000	10434	-.04346	- 24181	.01351	10.31099	.05460	-4 94317
1.205	4.000	10058	-.04372	- 23762	.00891	10.27421	.03773	-5.04722
	GRADIENT	-.00033	- 00060	-.00012	-.00224	- 01789	-.00508	-.03136

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ022)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.C000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000
ELV-LO	=	-5.000
ELV-RO	=	-5 000

ELV-LI	= 12.000
ELV-RI	= 12.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10678	.03929	.26945	.02835	12.30242	.06568	-4.88414
1.150	-4.000	-.09927	.04152	.25616	.02491	12.27551	.05076	-4.97407
1.150	-2.000	-.09731	.04358	.24842	.02076	12.24316	.03601	-5.06290
1.150	.000	-.10079	.04471	.24764	.01458	12.19483	.02310	-5.14078
1.150	2 000	- 10227	.04525	.24785	.00764	12.14065	.01062	-5.21596
	GRADIENT	-.00062	.00062	-.00129	-.00290	-.02264	-.00667	-.04018

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ022)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.11878	.03891	.28923	.02910	12 31358	.06464	-4.88130
1.205	-6.000	- 10929	.04110	.27334	.02441	12.27605	.04998	-4.97187
1.205	-4.000	- 10138	.04231	.26001	.02071	12 24645	.03684	-5.05291
1.205	-2.000	-.09881	04324	.25087	.01746	12 22052	02624	-5.11818
1.205	000	-.10298	.04383	.24940	.01163	12.17395	.01515	-5 18660
1.205	2 000	-.10493	.04456	25068	00302	12 10512	.00501	-5 24909
1 205	4 000	- 10242	.04549	25005	- 00694	12.05693	- 00459	-5.29417
	GRADIENT	- 00041	00038	-.00101	- 00349	-.02472	-.00520	-.03067

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ023)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP = 976.0000 IN. XT   BETA   =   -4 000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZI   ELV-RO =   -5 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	-.06947	02541	.18037	.02574	12.28202	.07384	-4.83491
1.150	-4 000	-.06435	.02724	.17014	.02252	12 25690	.06176	-4.90773
1.150	-2 000	-.06463	.02881	16367	01910	12.23018	.04631	-5.00084
1.150	000	- 06962	.02966	16494	.01418	12 19176	.03201	-5 08701
1 150	2.000	-.07103	02994	.16562	00753	12.13979	.01784	-5.17244
	GRADIENT	-.00125	.00045	-.00061	-.00250	-.01949	- 00730	- 04401

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	-.07725	.02549	.19277	.02713	12.29784	.07210	-4 83526
1.205	-6 000	-.07119	.02732	.18301	.02304	12.26506	.05941	-4 91370
1.205	-4.000	-.06555	.02798	.17242	01943	12 23619	.04560	-4.99892
1.205	-2.000	-.06482	02844	.16466	01666	12 21417	.03440	-5.06779
1 205	.000	-.06979	02900	.16535	.01267	12 18226	.02294	-5.13856
1.205	2.000	- 07197	.02948	.16700	00600	12.12893	.01063	-5.21450
1.205	4.000	- 06996	.03016	.16664	-.00311	12.07020	.00023	-5.27859
	GRADIENT	- 00080	.00027	-.00046	-.00279	-.02086	-.00573	-.03530

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ024)   (02 JUL 76)

REFERENCE DATA   **PARAMETRIC DATA**

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO = -5 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	-.00092	.00119	.01277	02094	12.24458	.07819	-4.80864
1 150	-4.000	00208	00031	.00661	01825	12.22356	.07812	-4.80896
1.150	-2.000	00331	-.00043	.00112	.01657	12 21051	.06815	-4.86907
1.150	.000	- 00023	- 00003	00283	01439	12 19338	.05284	-4 96152
1.150	2.000	-.00136	.00007	00267	.00956	12.15569	.03675	-5.05844
	GRADIENT	- 00069	-.00002	-.00051	-.00141	-.01104	-.00697	-.04204

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	-.00100	.00205	.01416	02498	12 28068	07676	-4.80643
1.205	-6.000	.00154	.00137	00979	.02143	12.25234	.07446	-4 82066
1 205	-4.000	00417	.00047	.00459	01838	12 22789	.06638	-4.87067
1 205	-2.000	00433	.00020	.00180	.01642	12 21222	.05419	-4.94585
1.205	.000	.00348	-.00021	- 00121	.01451	12 19695	04057	-5.02981
1 205	2.000	00085	00011	00087	.01042	12 16427	.02640	-5 11721
1 205	4.000	- 00058	00033	00339	.00466	12.11827	.01405	-5 19330
	GRADIENT	- 00065	-.00002	- 00017	-.00167	- 01336	-.00662	-.04083

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ025)   (02 JUL 76)

REFERENCE DATA   **PARAMETRIC DATA**

SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP = 400.0000 IN ZT   ELV-RO = -5 000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.06658	-.02094	-.15096	.01150	12.17084	.07603	-4 82181
1.150	-4.000	.06667	- 02463	- 15158	.00931	12.15371	.07925	-4.80230
1.150	-2.000	06756	- 02756	-.15340	.00641	12.13106	.08069	-4.79355
1.150	000	06881	-.02896	-.15630	.00103	12.08906	.07258	-4 84249
1.150	2 000	06937	- 02898	-.15726	-.00436	12 06623	.05706	-4 93601
	GRADIENT	.00047	-.00072	-.00100	- 00232	- 01522	-.00373	-.02250

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ025)   (02 JUL 76)

REFERENCE DATA		PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	.07205	- 01906	-.15730	.01808	12.22546	.07328	-4 82813
1.205	-6.000	.07135	- 02233	-.15685	.01557	12.20541	.07459	-4.82011
1 205	-4.000	07018	-.02509	-.15494	.01336	12 18773	07690	-4.80596
1 205	-2.000	06998	- 02701	-.15539	.01140	12.17208	.07239	-4.83376
1.205	.000	.07207	- 02857	-.15954	.00790	12 14411	06030	-4.90822
1.205	2 000	.07368	-.02924	- 16350	.00276	12.10309	04425	-5.00714
1 205	4 000	.07039	- 02899	- 15964	- 00271	12.07161	.02901	-5 10117
	GRADIENT	00021	- 00050	-.0C088	-.00204	-.01506	-.00620	-.03819

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ026)   (02 JUL 76)

REFERENCE DATA		PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	10262	-.03348	-.23534	.00829	12.14575	07542	-4 82541
1 150	-4.000	09937	- 03773	-.23215	00587	12.12683	.07738	-4.81360
1.150	-2.000	.09803	-.04106	- 23101	.00308	12 10507	.08065	-4.79380
1.150	000	.09927	-.04290	- 23379	-.00251	12 07249	07825	-4.80820
1.150	2.000	.09884	-.04326	- 23398	-.00860	12.05185	.06569	-4.88402
	GRADIENT	-.00002	-.00092	-.00041	- 00245	- 01288	-.00187	- 01128

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.C0

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	.11052	- 03099	- 24643	01561	12 20572	.07224	-4 83465
1.205	-6 000	10715	-.03515	- 24102	.01325	12 18686	07268	-4.83199
1.205	-4 000	.10445	-.03859	-.23800	.01045	12.16446	07644	-4.80889
1.205	-2 000	10300	- 04109	-.23702	.00744	12 14044	07667	-4.80753
1.205	.000	.10394	- 04261	-.23915	.00357	12.10955	.06871	-4.85630
1.205	2 000	.10421	-.04322	-.24060	-.00207	12.07384	05377	-4.94853
1.205	4 000	.10143	- 04370	-.23851	-.00672	12 05768	.03774	-5 04729
	GRADIENT	-.00024	-.00062	-.00023	-.00219	-.01401	-.00501	- 03089

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ027)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT	BETA = -6.000	ELV-LI = 12.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT	ELV-LO = 4.000	ELV-RI = 12.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO = 4.000	
SCALE	= .0100				

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8.000	-.11516	.03137	.27311	.01863	12.20083	.00730	5.07523
.900	-6.000	-.11002	.03254	.26513	.02126	12.21776	.01196	5.09839
.900	-4.000	-.10473	.03350	25285	.02217	12.22359	.01281	5 10257
900	-2 000	-.10169	.03479	.24465	.02216	12.22357	01364	5.10669
.900	.000	-.10155	.03727	.24196	.02249	12 22560	.01182	5.09765
.900	2.000	- 09870	.03863	.23702	.01848	12 19987	.00199	5.04888
.900	4 000	- 10038	04118	.24046	.00581	12 11840	-.01370	5.00500
	GRADIENT	00058	.00096	- 0C162	-.00182	- 01170	-.00323	- 01265

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 12164	.03580	.29145	.02344	12 24364	01777	5.13414
975	-6.000	- 11080	.03643	.27570	.02754	12 27204	.02035	5.14793
.975	-4 000	- 10142	.03671	.25982	.02661	12.26557	.02248	5 15934
.975	-2.000	- 09444	.03755	24489	.01996	12 21950	02172	5.15531
975	000	- 09441	03909	23857	00894	12 14303	01603	5 12490
.975	2 000	- 09292	04034	23704	-.00431	12 06802	00686	5 07574
.975	4 000	- 09045	04162	23654	-.01476	12 0365!	- 00745	5.01905
	GRADIENT	00117	00063	-.00292	- 00535	-.03048	-.00374	- 01801

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10735	.03945	.26973	.02228	12 25500	.01226	5.11291
1.150	-4.000	-.10008	.04141	.25667	.01932	12 23189	00121	5.04628
1.150	-2 000	- 09821	.04317	.24832	.01538	12.20113	-.01078	5.00652
1.150	.000	-.10181	.04414	24716	.00905	12.15166	-.02066	4.97674
1.150	2.000	- 10279	04468	24734	.00235	12 09935	-.02974	4.93238
	GRADIENT	- 00059	00054	- 00146	-.00286	- 02235	- 00499	- 01557

LARC 8FT TPT /49 (IA93) OTSATI30   (MJJ027)   (02 JUL 76)

REFERENCE DATA						PARAMETRIC DATA		

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.11901	.03995	.28813	.02474	12.27860	.01032	5.10261
1.205	-6.000	-.10983	.04096	.27296	.02056	12.24521	.00014	5.03984
1.205	-4.000	-.10265	.04224	.26094	.01699	12.21674	-.01040	5.00692
1.205	-2.000	-.10033	.04309	.25201	.01388	12.19188	-.01981	4.97794
1.205	.000	-.10381	.04347	.24975	.00852	12.14905	-.02868	4.95060
1.205	2.000	-.10529	.04425	.25035	.00174	12.09487	-.03600	4.92805
1.205	4.000	-.10286	.04553	.25076	-.00639	12.05885	-.04252	4.90793
	GRADIENT	-.00027	.00039	-.00110	-.00294	-.02064	-.00402	-.01239

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ028)   (02 JUL 76)

REFERENCE DATA						PARAMETRIC DATA		

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.08084	.02013	.18924	.01615	12.18491	.00600	5.06880
.900	-6.000	-.07505	.02097	.18063	.01849	12.19995	.01229	5.10000
.900	-4.000	-.06921	.02128	.16894	.01875	12.20156	.01369	5.10693
.900	-2.000	-.06625	.02213	.16102	.01810	12.19738	.01431	5.11003
.900	.000	-.06704	.02462	.16070	.01813	12.19760	.01250	5.10102
.900	2.000	-.06416	.02548	.15549	.01814	12.19763	.00723	5.07488
.900	4.000	-.06526	.02677	.15860	.00529	12.11501	-.00962	5.01513
	GRADIENT	.00050	.00072	-.00131	-.00134	-.00864	-.00269	-.01094

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ028)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

                    RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         975   -8 000   - 08185   .02381   ."9853   .01996   12.21949   .01744   5.13238
        .975   -6.000   - 07330   02413   .18683   .02197   12 23344   .01965   5.14425
        .975   -4.000   - 06601   02401   .17297   .01915   12.21383   .02141   5.15361
        .975   -2 000   - 06175   .02462   .16099   .01389   12.17731   .02145   5.15381
        .975   000   -.06358   .02582   .15930   .00349   12 10523   .01856   5.13834
        .975   2.000   - 06186   02597   .15621   -.00780   12 05752   .01043   5.09487
        .975   4.000   - 05809   .02633   .15283   - 01874   12 02455   - 00278   5.03150
               GRADIENT   00079   00030   -.00225   -.00487   - 02492   -.00297   -.01515

                    RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   . ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1.150   -6 000   - 06993   .02569   .17988   02002   12.23738   .01812   5.14824
        1 150   -4.000   - 06506   .02732   .17022   .01681   12.21226   00962   5.09696
        1 150   -2 000   - 06511   .02843   16335   01364   12.18751   -.00233   5.03197
        1.150   000   - 07032   02915   16396   00834   12.14615   -.01334   4.99980
        1.150   2.000   -.07086   .02932   .16343   .00139   12.09186   - 02303   4.96957
               GRADIENT   -.00113   00034   - 00099   -.00258   - 02013   -.00545   -.02077

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.07814   .02592   .19396   .02345   12.26830   .01586   5.13678
        1 205   -6 000   -.07189   02729   .18357   .01937   12.23571   .00738   5.08447
        1.205   -4 000   -.06661   02784   .17359   .01610   12.20960   -.00287   5.03016
        1.205   -2.000   - 06635   .02847   .16672   .01364   12.18990   - 01271   4.99985
        1.205   .000   - 07132   .02900   .16664   .00927   12.15505   -.02272   4 96897
        1 205   2 000   - 07310   02973   16854   00286   12.10384   -.03137   4.94231
        1.205   4.000   -.07091   .03055   .16805   -.00457   12 06516   -.03970   4.91968
               GRADIENT   -.00077   00033   -.00046   -.00261   -.01875   -.00452   -.01392

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ029)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT .   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.00621	.00191	.01717	.00606	12.11997	.00102	5.04407
.900	-6 000	- 00341	.00110	.01285	.00792	12.13194	.00894	5.08339
.900	-4.000	- 00154	.00059	.01140	.00682	12.12486	.01474	5 11217
.900	-2.000	.00168	-.00012	.00327	.00444	12.10957	.01547	5.11573
.900	.000	.00251	- 00040	- 00185	.00473	12 11140	01368	5 10689
.900	2.000	00159	00033	- 00073	00378	12.10533	00938	5 08556
.900	4 000	.00108	00063	.00074	.00228	12.09567	-.00056	5 03761
	GRADIENT	00026	.00003	-.0C127	- 00049	- 00313	- 00183	-.00896

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 00327	.00159	01633	00507	12.11620	.01684	5.12915
.975	-6.000	- 00031	.00087	.01246	.00902	12 14359	.01850	5 13807
.975	-4.000	00392	-.00015	.00458	.00764	1? 13398	02125	5 15279
.975	-2.000	00588	- 00055	- 00223	.00099	12 08787	.02204	5.15696
.975	.000	00362	-.00040	-.0U156	-.00643	12 06164	.02037	5.14803
.975	2 000	.00261	-.00066	- 00193	-.01452	12.03729	01679	5.12885
975	4.000	.00008	00028	00160	- 02337	12 01064	.00627	5.07258
	GRADIENT	-- 00055	.00004	-.00028	-.00398	-.01486	-.00176	- 00943

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.00116	00159	.01251	.01734	12.21647	.01992	5.15916
1.150	-4.000	00145	.00083	.00746	.01342	12 18577	.02275	5 17610
1.150	-2 000	00252	.00011	.00248	.01129	12.16920	.01481	5 12827
1 150	000	.00064	-.00011	00078	.00935	12 15409	.00126	5.04659
1 150	2.000	- 00159	00039	.00219	.00363	12.10933	-.01120	5.00525
	GRADIENT	- 00055	-.00008	-.00088	- 00157	-.01222	-.00577	-.02971

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ029)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.00080	.00227	.01433	.02207	12.25728	.01840	5.15242
1.205	-6.000	.00119	.00188	.01108	.01844	12.22829	.01750	5.14690
1.205	-4.000	.00395	.00080	.00489	.01535	12.20359	.01208	5.11345
1.205	-2.000	.00510	.00005	.00005	.01342	12.19820	.00390	5.06306
1.205	.000	.00286	.00034	-.00040	.01137	12.17186	-.00848	5.01286
1.205	2.000	.00037	.00050	.00106	.00684	12.13560	-.01952	4.97883
1.205	4.000	-.00072	.00060	.00291	.00004	12.08129	-.02884	4.95006
GRADIENT		-.00070	.00000	-.0C015	-.00186	-.01486	-.00526	-.02055

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ030)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	.06490	-.01488	-.14346	-.00525	12.06634	-.00307	5.03138
.900	-6.000	.06453	-.01782	-.14361	-.00440	12.06870	.00489	5.06326
.900	-4.000	.06358	-.02023	-.14249	-.00431	12.06897	.01180	5.09759
.900	-2.000	.06256	-.02154	-.14503	-.00499	12.06706	.01428	5.10990
.900	.000	.06289	-.02327	-.14748	-.00552	12.06559	.01502	5.11356
.900	2.000	.06104	-.02323	-.14520	-.00686	12.06185	.01184	5.09773
.900	4.000	.06339	-.02422	-.14784	-.00897	12.05594	.00452	5.06144
GRADIENT		-.00010	-.00048	-.00054	-.00056	-.00156	-.00085	-.00422

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ030) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT	XMRP = 976.0000 IN. XT	BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT	ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT	ELV-RO = 4.000	
SCALE = .0100			

RUN NO. 0/ 0 RN/L =   4.08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8 000	.07397	-.01845	-.16112	-.01855	12.02513	.01376	5.11267
975	-6 000	.07086	-.02021	-.15624	-.01840	12.02554	.01437	5.11601
.975	-4.000	.06843	-.02197	-.15228	-.01888	12 02408	.01599	5.12416
.975	-2.000	06858	-.02416	-.15489	-.01780	12 02736	.01657	5.12781
.975	.000	.06807	-.02569	-.15585	- 01425	12 03806	01558	5.12248
.975	2.000	06401	-.02559	-.15146	-.01449	12 03734	01147	5 10046
975	4 000	05783	-.02496	- 14553	-.01843	12 02548	.00493	5 06540
	GRADIENT	- 00129	- 00037	00085	.00021	.00064	- 00135	-.00724

RUN NO 0/ 0 RN/L =   4 21 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	06747	- 02078	-.15191	00882	12.14993	01671	5.13969
1.150	-4 000	06781	-.02435	- 15256	00633	12 13041	.02217	5.17263
1.150	-2 000	06844	-.02674	-.15385	00270	12.10212	02540	5 19215
1.150	000	06974	- 02793	-.15726	-.00378	12 06819	.01762	5.14527
1.150	2 000	06951	-.02804	- 15735	- 00946	12.04893	.00427	5.06473
	GRADIENT	00032	- 00061	-.00089	-.00269	- 01392	- 00307	-.01853

RUN NO. 0/ 0 RN/L =   4 22 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.07168	- 01873	-.15720	.01551	12 20494	.01486	5 13062
1.205	-6.000	07127	-.02178	-.15593	.01356	12 18935	.01762	5.14763
1.205	-4 000	.07166	-.02460	- 15707	.01159	12 17361	.02181	5.17345
1.205	-2.000	.07219	-.02676	- 15890	.00907	12 15348	.01863	5.15386
1 205	000	07342	- 02800	- 16119	.00558	12 12554	.00782	5 08719
1.205	2 000	07333	- 02819	-.16175	00049	12.08489	- 00445	5.02529
1.205	4 000	07069	- 02858	-.15990	-.00616	12.05964	- 01617	4.98914
	GRADIENT	-.00004	- 00047	-.00043	-.00220	-.01483	-.00495	-.02486

LARC 8FT TPT '749 (IA93) OTSAT130   (MJJ031)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        900   -8.000   .10089   -.02528   -.22395   -.00757   12.05987   -.00300   5.03156
        .900   -6.000   .09978   -.02832   -.22331   -.00762   12.05973   .00533   5.06543
        .900   -4.000   .09797   -.03121   -.22106   -.00816   12 05822   .01167   5.09688
        .900   -2 000   09780   -.03343   - 22380   -.00889   12.05617   .01285   5.10282
        .900   .000   .09810   - 03584   -.22611   -.01007   12.05291   .01345   5.10573
        .900   2 000   .09396   - 03656   -.22033   -.01093   12.05048   .01150   5.09609
        .900   4.000   .09626   - 03804   -.22343   -.01139   12.04921   00623   5.06991
                 GRADIENT   - 00036   -.00084   - 0C006   - 00042   - 00119   - 00061   -.00303

                    RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .975   -8 000   11345   - 02958   -.24992   -.02553   12.00411   .01348   5.11119
        .975   -6.000   10769   -.03159   -.24153   -.02501   12.00562   .01337   5.11064
        .975   -4 000   10310   -.03406   - 23559   - 02354   12.01003   .01407   5.11443
        .975   -2 000   10093   -.03683   - 23458   -.01992   12 02094   .01411   5.11460
        .975   .000   09809   - 03932   -.23123   -.01487   12 03618   .01284   5.10777
        .975   2.000   09233   - 03867   -.22601   - 01386   12.03922   .00904   5 08741
        .975   4 000   08619   - 03909   - 21923   -.01322   12 03515   00461   5.06372
                 GRADIENT   - 00212   -.00060   .00206   .00114   00343   -.00120   -.00643

                    RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1.150   -6 000   .10334   -.03300   -.23581   00634   12.13049   .01600   5 13546
        1.150   -4.000   .10086   -.03721   - 23386   .00368   12.10974   .01996   5.15931
        1.150   -2.000   .09965   -.04038   -.23310   -.00001   12 08096   .02483   5.18866
        1.150   .000   10041   -.04180   - 23505   -.00638   12.05937   .02225   5.17312
        1 150   2.000   09968   -.04221   - 23515   -.01293   12 03716   .01146   5.10808
                 GRADIENT   -.00014   -.00082   - 00029   - 00281   -.01197   - 00140   -.00846

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ031)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.11102	-.03068	-.24736	.01332	12.18740	.01457	5.12883
1.205	-6.000	.10785	-.03465	-.24197	.01137	12.17181	.01596	5.13739
1.205	-4.000	.10578	-.03801	-.23938	.00859	12.14960	.02178	5.17328
1.205	-2.000	.10443	-.04035	-.23859	.00487	12.11991	.02273	5.17912
1.205	.000	.10501	-.04168	-.24040	.00048	12.08482	.01437	5.12759
1.205	2.000	.10477	-.04233	-.24060	-.00493	12.06392	.00305	5.05782
1.205	4.000	.10168	-.04313	-.23846	-.00971	12.04733	-.00923	5.01054
	GRADIENT	-.00039	-.00061	-.00001	-.00232	-.01303	-.00409	-.02234

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ032)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA = -6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 3.16   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	-.09951	.03000	.23864	.00309	12.09271	.00011	10.43633
.600	-6.000	-.09564	.03086	.23417	.00163	12.08719	-.00124	10.43419
.600	-4.000	-.09179	.03132	.22655	.00035	12.08233	-.00289	10.43178
.600	-2.000	-.09122	.03256	.22118	-.00098	12.07939	-.00495	10.42876
.600	.000	-.09363	.03454	.21941	-.00167	12.07826	-.00728	10.42534
.600	2.000	-.09448	.03625	.21839	-.00261	12.07670	-.01012	10.42121
.600	4.000	-.09510	.03878	.22262	-.00339	12.07542	-.01328	10.41659
	GRADIENT	-.00049	.00093	-.00053	-.00046	-.00083	-.00130	-.00190

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .900   -8.000   - 11258   .03014   .27080   .01079   12.15042   -.00095   10.43365
        .900   -6.000   -.10734   .03130   .26105   .01268   12.16255   .00388   10.45526
        .900   -4.000   - 10244   .03240   .24951   .01309   12.16524   .00266   10.44921
        .900   -2.000   - 10033   .03426   .24409   .01300   12.16465   00112   10.44156
        .900   000   -.09819   .03623   .23733   .01287   12 16376   - 00207   10.43085
        .900   2 000   -.09518   .03790   23203   .01230   12 16008   -.01105   10.40858
        .900   4.000   - 09731   04020   23725   -.00088   12.07853   -.02771   10.36724
               GRADIENT 00077   .00096   -.00183   -.00143   -.00890   -.00365   - 00985

                    RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .975   -8.000   - 12002   .03475   .28977   .01887   12.21198   - 00631   10.41911
        .975   -6.000   - 10934   03532   27446   .02305   12.24104   - 00359   10.42637
        .975   -4.000   - 10017   03557   .25863   .02074   12.22496   - 00151   10.43196
        .975   -2 000   - 09277   .03628   24307   .01243   12.16728   - 00202   10.43059
        .975   .000   - 09249   03749   23681   .00011   12.08177   -.00451   10.42391
        .975   2.000   -.08994   .03831   23345   -.01481   12 03636   -.01271   10.40196
        .975   4 000   -.08701   .03974   .23101   - 02748   11 99821   -.03362   10.34596
               GRADIENT .00146   .00052   -.00324   -.00618   -.02922   -.00375   - 01003

                    RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
       1.150   -6.000   -.10631   03857   .26873   .01888   12.22848   -.00965   10.40691
       1.150   -4.000   -.09922   04048   .25541   .01532   12.20069   -.01985   10.37616
       1.150   -2 000   -.09729   .04210   24682   .01097   12 16667   -.03034   10.34455
       1.150   0Q0   -.09978   .04252   24466   .00482   12 11867   -.03849   10.31998
       1.150   2 000   -.10103   .04325   .24540   .00021   12 08261   -.04534   10 29932
               GRADIENT -.00040   00044   -.00161   -.00257   -.02011   -.00423   - 01276

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ032)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	12.000
ELV-LO	=	9.000	ELV-RI	=	12.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.11791	.03800	.28657	.02184	12 25551	-.00934	10.40720
1 205	-6.000	-.10817	.03964	.27047	.01770	12 22241	-.01822	10.37982
1 205	-4 000	-.10140	.04092	25924	.01433	12 19553	-.02863	10.34774
1.205	-2.000	-.09956	.04190	25076	.01135	12 17166	-.03724	10 32119
1.205	000	-.10260	.04217	.24799	.00643	12.13235	-.04458	10 29857
1.205	2 000	-.10364	04294	.24832	- 00099	12 07757	-.05180	10 27634
1.205	4.000	- 10096	.04419	24852	-.00835	12 05204	-.05809	10.25693
	GRADIENT	-.00016	.00038	-.0C119	-.00289	- 01905	-.00367	-.01132

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ033)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	. 0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	12.000
ELV-LO	=	9.000	ELV-RI	=	12.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	- 06896	.01967	.16355	.00167	12.08731	.00005	10.43615
600	-6.000	-.06604	.02020	.16039	.00022	12.08185	-.00092	'0.43466
.600	-4.000	-.06143	.01977	.15139	-.00111	12.07917	- 00239	10 43250
.600	-2 000	-.06048	.02069	.14690	- 00275	12.07649	-.00460	10.42928
.600	.000	- 06256	.02251	.14666	-.00362	12 07503	-.00692	10.42588
.600	2.000	-.06372	.02341	.14558	-.00422	12 07407	-.00974	10.42176
.600	4.000	-.06240	.02503	.14696	-.00522	12 07242	-.01299	10.41702
	GRADIENT	-.00026	.00066	-.00051	-.00048	-.00080	-.00132	-.00192

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ033)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN. XT   BETA   =   -4.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	- 07791	.01864	.18566	.00759	12.12983	-.00206	10.43088
900	-6.000	- 07194	01943	.17563	.00906	12.13926	.00468	10.45921
.900	-4.000	- 06812	02042	.16766	.00899	12.13884	.00317	10.45173
900	-2.000	-.06762	02227	.16532	.00798	12 13235	.00072	10.43955
.900	000	-.06402	02330	.15721	.00674	12.12438	-.00196	10.43113
.900	2.000	-.06159	.02436	.15301	00709	12.12661	-.01045	10.41007
900	4.000	-.06262	.02562	.15600	- 00343	12.07144	- 02548	10.37277
GRADIENT		00085	00062	-.00178	- 00129	-.00703	- 00342	- 00937

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	- 08067	.02280	.19702	01599	12 19204	-.00688	10 41757
.975	-6.000	- 07162	.02286	.18388	.01775	12.20427	-.00490	10 42288
975	-4 000	- 06443	.02267	.17127	.01375	12 17645	- 00358	10.42641
.975	-2.000	- 05949	.02312	15905	.00724	12.13127	-.00383	10 42574
975	000	- 06115	.02395	.15540	- 00475	12.06668	-.00455	10.42380
.975	2.000	- 05992	.02398	.15353	-.01680	12.03035	-.00945	10.41068
.975	4.000	- 05623	.02452	.15109	-.03075	11 98835	-.02707	10 36349
GRADIENT		00080	00023	- 00229	-.00565	-.02386	-.00263	-.00704

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.06876	.02471	.17799	.01745	12.21734	-.00505	10.42078
1 150	-4.000	- 06427	.02626	.16860	.01341	12.18572	-.01280	10.39742
1.150	-2 000	- 06420	.02732	.16233	.00964	12 15632	-.02346	10.36530
1.150	.000	- 06920	.02799	.16319	.00434	12 11491	-.03326	10.33573
1 150	2.000	-.07018	.02843	.16319	- 00247	12.07264	-.04103	10 31232
GRADIENT		-.00114	.00036	-.00077	-.00265	-.01903	-.00472	- 01424

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ033)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	-4.000	ELV-LI =	12.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	12.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000		
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.07645	.02485	.19106	.02117	12.25018	-.00539	10.41939
1.205	-6.000	-.07025	.02594	.18094	.01693	12.21630	-.01269	10.39686
1.205	-4.000	-.06516	.02639	.17144	.01353	12.18910	-.02235	10.36709
1 205	-2.000	-.06484	.02705	16399	.01045	12.16450	-.03137	10.33930
1.205	000	-.06945	02766	.16385	.00617	12 13033	- 03947	10.31432
1.205	2 000	-.07099	02835	.16552	00040	12 08423	-.04725	10.29033
1.205	4 000	- 06895	02921	16588	- 00739	12 05535	- 05457	10 26774
	GRADIENT	- 00069	.00035	-.00048	-.00259	-.01739	- 00402	- 01238

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ034)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	000	ELV-LI =	12.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI =	12.000
BREF = 1290 3000 INCHES	ZMRP =	400 0000 IN. ZT		ELV-RO =	9.000		
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	-.00275	.00093	.01446	-.00308	12.07594	.00009	10.43626
600	-6.000	-.00083	00020	.01144	-.00464	12.07337	-.00079	10.43484
.600	-4 000	.00140	-.00071	.00663	-.00530	12.07227	-.00208	10.43296
600	-2.000	.00232	-.00088	.00244	-.00750	12.06868	-.00391	10 43029
600	.000	.00289	-.00129	- 00140	-.00815	12.06761	-.00606	10.42714
600	2.000	.00161	-.00124	-.00046	-.00799	12 06787	- 00887	10.42305
.600	4.000	00066	-.00111	.00106	-.00850	12 06701	-.01250	10.41773
	GRADIENT	- 00011	- 00006	-.00070	-.00034	-.00057	- 00129	-.00189

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ034) ~(02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO. 0/ 0 RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	-.00335	.00050	.01492	-.00380	12.07040	-.00858	10.41472
.900	-6.000	- 00085	-.00026	.01056	-.00179	12.07600	.00003	10.43617
900	-4.000	^.00048	-.00043	.00862	-.00341	12 07148	.00210	10.44642
.900	-2.000	00285	-.00084	.00235	-.00687	12 06183	-.00127	10.43285
.900	.000	.00417	-.00150	-.00277	-.00920	12 05809-	-.00450	10.42484
.900	2.000	00340	-.00121	-.00224	-.00866	12 05683	-.01068	10.40952
.900	4.000	00286	-.00114	-.00113	-.00897	12 05597	-.01992	10.38658
	GRADIENT	00027	-.00009	- 00120	- 00065	-.00180	-.00267	-.00715

RUN NO. 0/ 0 RN/L = 4 08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 00200	.00049	.01570	.00321	12 10331	-.00771	10 41533
.975	-6.000	00150	-.00038	.01067	.00573	12.12076	-.00693	10.41743
.975	-4.000	00537	-.00130	.00339	.00284	12 10071	-.00522	10.42202
.975	-2 000	00759	-.00175	-.00409	-.00538	12.06478	-.00493	10.42278
.975	.000	00639	-.00202	-.00532	-.01422	12.03814	- 00656	10.41843
.975	2.000	.00406	-.00180	-.00280	-.02416	12 00818	-.00866	10.41278
.975	4.000	00166	-.00092	.00063	-.03437	11 97746	-.01664	10.39144
	GRADIENT	- 00055	.00004	-.00021	-.00466	-.01515	-.00133	-.00356

RUN NO. 0/ 0 RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.00136	.00024	.00935	.01553	12.20235	-.00401	10.42391
1.150	-4.000	00353	-.00046	.00492	.01125	12.16892	-.00221	10.42934
1.150	-2.000	00332	-.00068	.00194	.00851	12 14748	-.00896	10.40901
1.150	000	.00095	-.00070	.00151	00592	12.12724	-.02057	10.37400
1.150	2.000	-.00034	-.00056	.00147	-.00025	12 08014	-.03123	10.34188
	GRADIENT	-.00070	-.00002	-.00054	-.00186	-.01433	-.00493	-.01487

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ034)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP = 976.0000 IN XT   BETA   =   .000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	.00090	.00131	.01188	.02076	12 24691	-.00394	10.42386
1.205	-6.000	.00267	.00091	.00938	.01667	12 21419	-.00503	10.42049
1.205	-4.000	.00493	-.00005	.00449	.01310	12 18568	-.01024	10.40444
1.205	-2.000	.00651	-.00079	-.00135	.01069	12.16640	-.01738	10.38245
1.205	.000	.00485	-.00078	-.00317	.00844	12 14841	-.02825	10.34895
1.205	2.000	00177	-.00044	- 00044	.00378	12 11117	-.03825	10.31808
1.205	4.000	- 00022	.00014	.00313	- 00287	12 07104	- 04630	10.29320
	GRADIENT	- 00076	.00004	-.0CC09	- 00194	-.01423	- 00465	-.01434

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ035)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	.06114	-.01618	-.12839	-.00686	12.06972	-.00124	10.43419
.600	-6 000	.06011	-.01783	-.12819	-.00944	12.06547	-.00225	:0.43271
.600	-4.000	.06109	-.01977	-.13082	-.01034	12.06398	-.00251	10.43232
.600	-2.000	.06325	-.02180	-.13658	-.01007	12.06443	-.00333	10.43112
600	.000	.06493	-.02375	-.14139	-.01022	12.06419	- 00522	10.42837
.600	2.000	.06515	-.02536	- 14216	-.01047	12.06378	-.00820	10.42401
.600	4 000	.06143	-.02608	- 13736	-.01109	12.06277	-.01148	10.41923
	GRADIENT	.00013	-.00081	- 00093	-.00010	-.00015	- 00114	- 00167

LARC 8FT TPT /49 (IA93) OTSATI30   (MJJ035)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	.06769	-.01661	-.14641	-.01313	12.04436	-.00923	10.41311
.900	-6.000	.06683	-.01907	-.14640	-.01175	12.04821	-.00470	10.42433
.900	-4.000	.06577	-.02109	-.14528	-.01293	12.04491	-.00268	10.42935
.900	-2 000	.06561	-.02296	-.14895	-.01488	12.03947	-.00293	10 42873
.900	000	.06431	-.02446	-.14853	-.01616	12.03591	-.00552	10.42230
.900	2 000	.06161	-.02476	-.14494	-.01802	12.03069	-.00872	10 41436
.900	4 000	06464	-.02572	-.14957	-.01798	12 03080	-.01481	10.39925
	GRADIENT	- 00031	- 00055	-.00023	- 00066	- 00185	- 00150	-.00373

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	07460	-.01950	- 16032	-.02103	12 01764	- 00870	10.41270
.975	-6.000	07227	-.02150	-.15702	-.02244	12.01337	- 00850	10.41322
.975	-4.000	07086	-.02338	-.15506	-.02428	12 00779	-.00834	10.41365
.975	-2 000	06975	-.02512	-.15532	-.02417	12 00816	- 00907	10.41172
975	.000	07046	-.02694	-.15916	-.02066	12.01874	-.01101	10.40652
975	2 000	.06509	-.02614	-.15203	-.02283	12.01222	-.01619	10.39265
975	4 000	.05929	-.02598	- 14695	-.02788	11 99693	-.02385	10 37208
	GRADIENT	- 00139	-.00031	00098	-.00029	- 00088	- 00191	-.00511

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.06844	-.02180	- 15186	00719	12 13718	-.00647	10.41648
1.150	-4.000	06871	-.02521	-.15213	.00428	12.11444	-.00239	10.42881
1.150	-2.000	06998	-.02766	-.15507	.00040	12.08412	-.00008	10.43576
1.150	.000	07132	-.02872	-.15901	-.00646	12.05910	-.00700	10.41490
1.150	2.000	07116	-.02876	-.15927	- 01238	12.03902	-.01823	10.38105
	GRADIENT	00044	- 00058	-.00127	-.00284	- 01256	-.00272	-.00821

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ035)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	12.000
ELV-LO	=	9.000	ELV-RI	=	12.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	.07320	-.01989	-.15872	01521	12.20255	-.00729	10.41352
1.205	-6.000	07298	-.02275	-.15783	.01251	12.18097	-.00491	10 42085
1.205	-4.000	.07244	-.02521	-.15780	.00970	12.15854	-.00186	10.43025
1.205	-2.000	.07278	-.02720	-.15907	.00697	12.13672	-.00519	10.42001
1.205	.000	07390	-.02829	-.16163	.00300	12.10496	- 01440	10.39162
1.205	2.000	07390	-.02868	- 16252	-.00304	12 07047	- 02525	10 35816
1.205	4.000	07085	-.02900	- 16027	-.00907	12 04956	- 03544	10 32675
	GRADIENT	- 00010	-.00045	-.0C042	- 00238	- 01421	-.00436	- 01344

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ036)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	12.000
ELV-LO	=	9 000	ELV-RI	=	12 000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   3 16   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	08823	-.02441	-.19269	-.00901	12 06617	-.00181	10.43336
.600	-6.000	08946	-.02717	-.19603	-.01013	12.06434	-.00256	'0.43225
600	-4.000	.0912/	-.02993	-.20059	-.01093	12 06302	-.00296	10 43167
.600	-2.000	09300	- 03256	- 20488	-.01148	12 06213	-.00356	10.43080
.600	000	.09579	-.03496	- 21029	-.01145	12 06215	- 00509	10.42855
.600	2.000	09615	-.03716	-.21123	-.01222	12 06089	- 00819	10.42402
.600	4.000	09427	- 03942	- 20869	-.01278	12 05998	-.01127	10.41951
	GRADIENT	00046	- 00118	-.00113	- 00022	-.00037	- 00106	-.00155

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ036)   (02 JUL 76)

REFERENCE DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN.	XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN	YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN	ZT
SCALE	=	.0100				

PARAMETRIC DATA

BETA	=	6.000	ELV-LI =	12.000
ELV-LO	=	9.000	ELV-RI =	12.000
ELV-RO	=	9.000		

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	.10289	-.02678	-.22590	-.01503	12.03904	-.00924	10.41308
.900	-6.000	.10032	-.02909	-.22315	-.01467	12.04006	-.00553	10.42228
.900	-4.000	.09871	-.03192	-.22162	-.01580	12.03691	-.00402	10.42604
.900	-2.000	.09943	-.03462	-.22549	-.01678	12.03416	-.00393	10.42624
.900	.000	.09758	-.03667	-.22365	-.01847	12.02943	-.00612	10.42080
.900	2.000	.09466	-.03841	-.22109	-.01967	12.02606	-.00887	10.41398
.900	4.000	.09663	-.03939	-.22358	-.01930	12.02711	-.01292	10.40394
	GRADIENT	-.00045	-.00094	.00002	-.00050	-.00138	-.00114	-.00282

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	.11497	-.03092	-.25051	-.02800	11.99664	-.00983	10.40967
.975	-6.000	.10963	-.03299	-.24310	-.02903	11.99352	-.01025	10.40855
.975	-4.000	.10486	-.03541	-.23691	-.02855	11.99496	-.01016	10.40877
.975	-2.000	.10180	-.03789	-.23396	-.02555	12.00398	-.01070	10.40732
.975	.000	.09944	-.03912	-.23234	-.02067	12.01871	-.01349	10.39987
.975	2.000	.09364	-.03941	-.22815	-.02070	12.01864	-.01916	10.38470
.975	4.000	.08779	-.04025	-.22076	-.02348	12.01024	-.02458	10.37017
	GRADIENT	-.00211	-.00056	.00191	.00075	.00226	-.00186	-.00499

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.10492	-.03411	-.23729	.00469	12.11765	-.00717	10.41438
1.150	-4.000	.10154	-.03797	-.23368	.00150	12.09276	-.00401	10.42390
1.150	-2.000	.10024	-.04093	-.23292	-.00231	12.07316	-.00024	10.43528
1.150	.000	.10161	-.04233	-.23585	-.00899	12.05050	-.00335	10.42590
1.150	2.000	.10024	-.04248	-.23562	-.01578	12.02746	-.01251	10.39828
	GRADIENT	-.00013	-.00075	-.00044	-.00293	-.01093	-.00143	-.00431

LARC 8FT TPT 749 (IA93) OTSAT130   ·   (MJJ036)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   **.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

          MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
          1 205   -8 000   .11161   -.03153   -.24746   .01314   12.18599   -.00745   10.41304
          1.205   -6.000   .10856   -.03532   -.24258   .01051   12.16496   -.00609   10.41722
          1.205   -4 000   .10638   -.03850   -.24028   .00689   12.13605   -.00151   10.43136
          1.205   -2 000   .10494   - 04068   -.23901   00292   12.10429   -.00124   10.43217
          1 205   .000   .10561   -.04207   -.24072   -.00174   12.07498   -.00857   10.40959
          1.205   2.000   .10535   -.04292   -.24231   -.00814   12.05279   -.01878   10.37811
          1.205   4.000   10181   -.04350   -.23903   -.01270   12 03698   - 02927   10.34578
                  GRADIENT   - 00044   -.00061   -.00004   -.00251   - 01248   - 00365   -.01126

                    LARC 8FT TPT 749 (IA93) OTSAT130   (MJJU37)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -6.000 ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000 ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

                    RN/L =   3 97   GRADIENT INTERVAL = -5.00/ 5.00

          MACH   =   .900
                    ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
                    -8.000   -.11256   .03129   .26992   -.00065   12.07918   -.02571   15.71420
                    -6.000   -.10821   .03309   .26224   .00043   12.08380   -.02647   15.71231
                    -4.000   -.10343   .03443   .25115   .00081   12 08618   -.03017   15.70313
                    -2.000   - 10023   .03580   .24317   .00036   12.08332   -.03233   15.69777
                     .000   -.09840   .03814   .23729   .00035   12.08327   -.03453   15.69232
                    2.000   -.09440   .03979   .23012   .00087   12.08661   -.04049   15.67755
                    4 000   -.09640   .04194   .23570   -.00600   12.06426   -.04955   15.65504
                  GRADIENT   .00099   .00095   -.00220   -.00065   - 00203   - 00235   -.00582

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ037)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100		

BETA   =   -6.000   ELV-LI =   12.000
ELV-LO =   14.000   ELV-RI =   12.000
ELV-RO =   14.000

RN/L -   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.12165	.03629	.29103	.00256	12.09879	-.03949	15.67219
-6.000	-.11121	.03699	.27570	.00226	12.09669	-.03698	15.67894
-4.000	-.10269	.03760	.26159	-.00308	12.07173	-.03525	15.68356
-2.000	-.09474	03830	.24560	-.01756	12.02803	-.03745	15.67759
.000	-.09381	.03922	.23723	-.03363	11.97959	-.04396	15.66019
2.000	-.09178	.04042	23472	-.04399	11 94836	-.05813	15 62220
4.000	- 08863	.04210	.23303	-.04454	11.94670	-.07103	15.58762
GRADIENT	00155	.00056	-.00340	-.00547	-.01649	-.00461	-.01236

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ038)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100		

BETA   =   -4.000   ELV-LI =   12.000
ELV-LO =   14.000   ELV-RI =   12.000
ELV-RO =   14.000

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.07858	.01997	.18679	-.00574	12.06497	-.02807	15.70832
-6.000	-.07388	.02153	.17986	-.00511	12.06673	-.02804	15.70838
-4.000	-.06983	.02256	.16992	-.00557	12.06544	-.03150	15.69982
-2.000	-.06743	.02361	.16358	-.00650	12.06286	-.03421	15.69311
.000	-.06484	.02511	.15697	-.00690	12.06173	- 03672	15.68691
2.000	-.06125	02586	.15105	-.00681	12.06199	-.04148	15.67512
4.000	-.06198	.02729	.15466	-.01009	12.05283	-.04841	15.65788
GRADIENT	.00109	00059	-.00215	-.00047	- 00130	-.00205	-.00509

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ038)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.08251	.02424	.19921	.00302	12.10200	-.04066	15.66903
-6.000	-.07410	.02452	.18660	.00027	12.08287	-.03922	15.67293
-4.000	-.06675	.02434	.17285	-.00774	12.05767	-.03828	15.67545
-2.000	-.06149	.02481	.16073	-.02097	12.01775	-.03909	15.67322
.000	-.06351	.02603	.15854	-.03794	11.96659	-.04480	15.65792
2.000	-.06219	.02617	.15566	-.04956	11.93159	-.05632	15.62707
4.000	-.05860	.02692	.15285	-.05160	11.92540	-.06708	15.59820
GRADIENT	.00078	.00033	-.00225	-.00582	-.01754	-.00374	-.01003

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ039)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN XT   BETA   =   .000   ELV-LI =   12 000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO =   14.000
SCALE =   0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8 000	-.00494	.00176	01601	-.01555	12 03759	-03293	15.69628
-6.000	-.00238	00149	.01191	-.01569	12.03719	-.03205	15.69847
-4.000	-00058	.00151	.00940	-.01823	12.03012	-.03489	15 69148
-2 000	00212	.00096	00206	-.02182	12 02008	-.03812	15.68342
.000	00291	.00043	-.00197	-.02231	12.01869	-.04219	15.67330
2.000	00161	.00106	-.00069	-.02132	12 02151	-.04573	15.66459
4 000	.00199	.00111	-.00146	-.01973	12 02591	-04936	15 65551
GRADIENT	00023	-00003	-.00122	-.00013	-.00035	-00183	-.00454

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ039)   (02 JUL 76)

REFERENCE DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

BETA	=	.000	ELV-LI =	12.000
ELV-LO	=	14.000	ELV-RI =	12.000
ELV-RO	=	14 000		

RN/L - 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.00414	.00204	.01821	-.00170	12.07588	-.04164	15.66644
-6.000	-.00026	.00112	.01234	-.00575	12.06368	-.04203	15.66539
-4.000	00391	.00017	.00436	-.01512	12 03543	- 04256	15.66397
-2.000	.00411	.00034	.00069	-.02799	11 99657	-.04232	15.66454
000	00261	.00010	-.00004	-.04260	11 95252	- 04356	15 66122
2 000	.00129	.00018	-.00042	-.05514	11 91475	-.05190	15 63892
4.000	-.00032	.00094	.00112	-.06206	11 89363	- 06415	15.60604
GRADIENT	- 00056	.00007	-.00038	-.00605	-.01825	-.00264	-.00707

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ040)   (02 JUL 76)

REFERENCE DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

PARAMETRIC DATA

BETA	=	4.000	ELV-LI =	12.000
ELV-LO	=	14.000	ELV-RI =	12.000
ELV-RO	=	14 000		

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH = 900

ALPHA	CYN	CBL	CY	- CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.06604	-.01466	-.14444	-.02320	12.01620	-.03364	15.69449
-6.000	06480	-.01678	-.14417	-.02337	12.01574	-.03331	15.69531
-4 000	.06443	- 01894	-.14397	-.02430	12.01319	-.03569	15 68945
-2.000	.06281	-.02036	-.14455	-.02451	12.01257	-.03799	15 68370
000	.06320	-.02253	-.14773	-.02475	12.01192	-.04116	15.67587
2.000	06085	-.02314	-.14624	-.02630	12.00757	-.04449	15 66757
4 000	.06096	-.02385	- 14610	-.02666	12 00654	- 04822	15.65829
GRADIENT	-.00045	-.00063	- 00030	- 00033	- 00091	-.00158	-.00392

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ040)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	4.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RN/L -   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.07273	-.01817	-.15857	-.03074	11.98834	-.04433	15.65922
-6.000	07050	-.02002	-.15495	-.03472	11.97633	-.04432	15.65923
-4.000	.06989	-.02197	-.15457	-.03938	11.96227	-.04550	15.65608
-2.000	.06891	-.02377	-.15525	-.04321	11.95067	-.04974	15.64467
.000	.06729	-.02470	-.15500	-.04267	11.95232	-.05523	15.62998
2.000	.06244	-.02404	-.15012	-.04472	11.94623	-.06352	15.60784
4.000	05640	-.02395	-.14460	-.04991	11.93048	-.07160	15.58606
GRADIENT	-.00167	-.00021	.00125	-.00113	-.00340	-.00330	-.00884

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ041)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.10114	-.02469	-.22393	-.02464	12.01222	-.03457	15.69219
-6.000	09933	-.02719	-.22275	-.02470	12.01203	-.03385	15.69400
-4.000	.09857	-.03024	-.22241	-.02484	12 01167	-.03573	15.68937
-2.000	.09818	-.03262	-.22357	-.02351	12 01537	-.03707	15.68602
.000	.09558	-.03460	-.22082	-.02457	12.01243	-.04015	15.67839
2.000	09265	-03651	-.21928	-.02601	12.00840	-.04321	15.67081
4.000	09302	-.03762	-21992	-.02608	12.00921	-.04640	15.66288
GRADIENT	-.00083	-.00093	.00046	-.00025	-.00069	-.00137	-.00341

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ041) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.11367	-.02958	-.24952	-.03576	11.97321	-.04711	15.65178
-6.000	.10812	-.03155	-.24167	-.03954	11.96184	-.04719	15.65156
-4.000	.10359	-.03392	-.23563	-.04247	11.95298	-.04750	15.65072
-2.000	.10048	-.03628	-.23296	-.04345	11.94994	-.05200	15.63859
.000	.09735	-.03730	-.23085	-.04044	11.95905	-.05855	15.62105
2.000	.09080	-.03716	-.22503	-.04056	11.95872	-.06404	15.60640
4.000	.08492	-.03819	-.21838	-.04369	11.94930	-.06991	15.59067
GRADIENT	-.00235	-.00047	.00212	.00002	.00007	-.00284	-.00761

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ042) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5 00

MACH =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.11377	.03091	.27083	.01838	7.78312	-.01540	15.73980
-6.000	-.10892	.03253	.26222	.01964	7 79124	-.01731	15.73508
-4.000	-.10455	.03392	.25238	.02087	7.79916	-.02231	15.72268
-2.000	-.10225	.03565	.24627	.02109	7.80069	-.02448	15.71723
.000	-.09996	.03785	.23930	.01860	7.78463	-.02702	15.71092
2.000	-.09670	.03986	.23350	.01702	7.77441	-.03301	15.69612
4.000	-.09848	.04173	.23867	.01538	7.76389	-.04376	15.66946
GRADIENT	.00088	.00099	-.00201	-.00075	-.00484	-.00257	-.00638

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ042)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L - 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8 000	-.12362	.03660	.29363	.01547	7 77239	-.03373	15.68763
-6 000	- 11257	.03724	.27735	.00983	7 73325	-.03099	15.69500
-4.000	-.10312	.03755	.26057	00892	7 72694	-.02965	15.69859
-2.000	-.09597	03629	.24576	.01133	7 74367	-.03131	15 69408
000	- 09563	.03932	.24026	.00420	7 69419	-.03313	15 68920
2.000	-.09281	.03989	23595	- 00717	7 64338	- 04354	15.66134
4 000	-.08895	04145	.25277	- 01473	7 62061	- 05999	15.61726
GRADIENT	.00158	.00047	- 00327	-.00329	-.01665	- 00365	-.00977

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ043)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN ZT   ELV-RO =   14 000
SCALE =   .0100

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.07876	.01950	.18609	.01250	7.74536	-.01693	15.73601
-6.000	-.07374	.02091	.17847	.01409	7.75556	- 01792	15.73354
-4 000	-.07067	.02209	17169	01505	7 76170	-.02348	15.71978
-2.000	- 06917	.02340	.16607	.01624	7.76940	-.02639	15 71263
.000	- 06585	.02464	.15845	.01438	7.75753	-.02934	15.70517
2.000	- 06253	.02579	.15282	.01033	7.73142	- 03384	15.69401
4 000	-.06300	02673	.15557	.01203	7.74237	- 04196	15 67391
GRADIENT	.00110	00058	-.00227	- 00060	- 00383	-.00222	-.00551

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ043)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.08292	.02419	.19920	.01259	7.75240	-.03487	15.68458
-6.000	-.07424	.02458	.18600	.00411	7.69351	-.03353	15.68822
-4.000	-.06793	.02471	.17383	.00198	7.67875	-.03310	15.68933
-2.000	-.06358	.02532	.16349	.00725	7.71538	-.03372	15.68762
.000	-.06477	.02602	.16033	.00358	7.68987	-.03546	15.68298
2.000	-.06298	.02573	.15675	-.00910	7.63756	-.04159	15.66652
4.000	-.05884	.02645	.15327	-.02051	7.60318	-.05556	15.62911
GRADIENT	.00094	.00019	-.00239	-.00307	-.01145	-.00264	-.00708

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ044)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.00480	.00177	.01598	-.00402	7.65378	-.02427	15.71777
-6.000	-.00190	.00141	.01112	-.00121	7.66161	-.02313	15.72062
-4.000	-.00007	.00132	.00827	-.00145	7.66096	-.02693	15.71120
-2.000	.00152	.00103	.00345	-.00327	7.65587	-.03087	15.70141
.000	.00277	.00026	-.00185	-.00273	7.65739	-.03479	15.69168
2.000	.00134	.00084	.00020	-.00265	7.65760	-.03881	15.68176
4.000	.00146	.00105	.00040	.00060	7.66888	-.04213	15.67350
GRADIENT	.00014	-.00004	-.00095	.00024	.00088	-.00192	-.00475

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ044)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT			
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT			
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT			
SCALE	= .0100					

BETA =   000   ELV-LI =   8.000
ELV-LO =   14.000   ELV-RI =   8.000
ELV-RO =   14.000

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.00402	.00188	.01783	00129	7.67392	-.03724	15.67820
-6.000	-.00043	.00105	.01250	-.00592	7.64716	-.03769	15.67701
-4.000	00296	.00036	.00560	-.01115	7.63139	-.03787	15.67654
-2.000	.00488	-.00004	-.00043	-.01021	7.63421	-.03811	15.67589
.000	00340	-.00039	-.00100	-.00503	7.64984	-.03892	15.67373
2.000	00222	-.00034	-.00177	-.01311	7.62546	-.04238	15.66438
4.000	-.00089	.00086	00301	-.02804	7.58049	-.05054	15.64260
GRADIENT	-.00052	00003	-.00033	-.00183	-.00553	-.00148	-.00397

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ045)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT			
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT			
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT			
SCALE	= .0100					

BETA =   4.000   ELV-LI =   8.000
ELV-LO =   14.000   ELV-RI =   8.000
ELV-RO =   14.000

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	06681	-.01461	-.14629	-01525	7.62246	-.02895	15.70620
-6.000	06523	-.01669	-.14498	-.01093	7.63445	-.02834	15.70771
-4.000	06475	-.01884	-.14455	-.01051	7.63567	-.03021	15.70306
-2.000	.06550	-.02104	-.14941	-.01192	7.63172	-.03257	15.69718
.000	.06280	-.02223	-.14621	-01258	7.62989	-.03684	15.69657
2.000	06121	-.02317	-.14584	-.01444	7.62470	-.04064	15.67718
4.000	.06237	-.02385	-.14766	-01368	7.62681	-.04345	15.67020
GRADIENT	-00045	-.00061	-.00013	-.00044	-.00124	-.00173	-.00429

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ045)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	4.000	ELV-LI = 8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	14.000	ELV-RI = 8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	14.000	
SCALE =	.0100						

RN/L = 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.07304	-.01833	-.15908	-.01007	7.63466	-.03687	15.67922
-6.000	.07119	-.02031	-.15661	-.01509	7.61953	-.03595	15.68173
-4.000	.07034	-.02224	-.15541	-.01923	7.60704	-.03446	15.68569
-2.000	.06964	-.02416	-.15514	-.02218	7.59816	-.03496	15.68436
.000	.06875	-.02547	-.15663	-.02331	7.59473	-.03930	15.67269
2.000	.06352	-.02455	-.15212	-.03048	7.57310	-.05017	15.64355
4.000	.05647	-.02394	-.14472	-.03640	7.55529	-.06161	15.61294
GRADIENT	-.00169	-.00019	.00122	-.00213	-.00643	-.00347	-.00932

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ046)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI = 8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	14.000	ELV-RI = 8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	14.000	
SCALE =	.0100						

RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	.10166	-.02446	-.22475	-.01863	7.61300	-.03037	15.70264
-6.000	.10003	-.02700	-.22349	-.01278	7.62933	-.02916	15.70566
-4.000	.09907	-.03002	-.22237	-.01205	7.63136	-.03068	15.70191
-2.000	.09984	-.03295	-.22598	-.01323	7.62807	-.03259	15.69712
.000	.09813	-.03515	-.22524	-.01462	7.62420	-.03653	15.68738
2.000	.09368	-.03650	-.21998	-.01608	7.62012	-.03984	15.67918
4.000	.09439	-.03726	-.22121	-.01533	7.62222	-.04292	15.67153
GRADIENT	-.00077	-.00090	.00042	-.00047	-.00131	-.00159	-.00394

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ046)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000	SQ. FT.	XMRP	=	976 0000	IN. XT
LREF	=	1290.3000	INCHES	YMRP	=	.0000	IN. YT
BREF	=	1290.3000	INCHES	ZMRP	=	400.0000	IN. ZT
SCALE	=	0100					

BETA	=	6.000	ELV-LI	=	8.000
ELV-LO	=	14 000	ELV-RI	=	8.000
ELV-RO	=	14.000			

RN/L - 4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8 000	11368	-.02972	-.24949	-.01345	7.62444	-.03875	15.67416
-6.000	.10889	-.03185	- 24304	- 02012	7 60438	- 03725	15.67822
-4 000	10522	-.03450	- 23834	- 02507	7 58947	- 03423	15 68634
-2.000	10243	-.03705	-.23511	-.02831	7 57969	-.03477	15.68486
.000	09901	- 03797	- 23221	- 02984	7 57502	-.04225	15 66475
2.000	09141	- 03733	-.22555	- 03278	7 56618	- 05341	15 63486
4.000	08538	- 03816	- 21888	- 03494	7 55969	- 06174	15.61257
GRADIENT	-.00254	- 00038	.00242	- 00121	- 00365	- 00368	- 00988

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ047)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	976 0000	IN XT
LREF	=	1290 3000	INCHES	YMRP	=	.0000	IN. YT
BREF	=	1290 3000	INCHES	ZMRP	=	400 0000	IN. ZT
SCALE	=	0100					

BETA	=	-6 000	ELV-LI	=	8.000
ELV-LO	=	4.000	ELV-RI	=	8.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	- 11567	.03087	.27335	.03052	7.86139	01120	5.09460
900	-6 000	- 10997	.03196	.26438	.03001	7 85842	01405	5.10875
.900	-4.000	-.10531	03307	25372	02956	7 85532	01483	5.11268
.900	-2.000	- 10386	03466	24805	02906	7 85207	.01748	5.12584
900	000	- 10193	03625	24147	02970	7 85612	.01652	5.12101
900	2 000	- 10068	.03717	23958	03034	7 86024	.00828	5.08011
900	4.000	- 10177	04012	24240	02773	7 84343	- 00606	5 02396
	GRADIENT	00051	00083	- 00156	-.00012	- 00078	- 00255	- 01116

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT	XMRP	=	976.0000 IN XT			
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT			
BREF	=	1290 3000 INCHES	ZMRP	=	400 0000 IN. ZT			
SCALE	=	.0100						

BETA   =   -6.000   ELV-LI =   8.000
ELV-LO =   4 000   ELV-RI =   8.000
ELV-RO =   4 000

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8 000	- 12232	03518	.29155	.01994	7.80336	02411	5.16813
.975	-6 000	- 11161	03616	.27599	.01441	7.76504	02548	5.17551
.975	-4.000	- 10253	03687	.26112	.01075	7.73968	02637	5 18033
975	-2.000	-.09540	.03757	24641	01114	7.74234	.02498	5 17289
.975	000	- 09506	.03879	23955	.01416	7 76334	.01962	5.14414
975	2 000	-.09301	.03971	23641	.01742	7.78598	.01161	5.10123
.975	4 000	-.09219	04098	.23761	.02171	7.81575	-.00011	5.03869
	GRADIENT	00115	.00052	- 00285	.00141	00979	-.00332	-.01775

RUN NO   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	- 10746	03869	.27003	07146	8 22332	.01776	5.14607
1.150	-4.000	- 09997	04070	25697	.06721	8 19004	00621	5.07643
1.150	-2.000	- 09810	.04251	.24887	.06204	8.14972	- 00586	5 02134
1.150	000	- 10124	.04321	24612	05252	8 07534	- 01570	4 99165
1 150	2.000	- 10258	.04412	.24777	.04108	7 98590	-.02485	4 96410
	GRADIENT	- 00055	.00055	- 00152	-.00440	-.03434	-.00515	-.01833

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	- 11951	03830	28819	.07398	8 25630	.01574	5 13607
1 205	-6 000	-.11018	.04038	27349	.06849	8 21235	.00479	5 06853
1.205	-4 000	-.10285	04156	.26169	06383	8 17524	-.00599	5 02052
1 205	-2 000	- 10030	04229	25218	05942	8 14002	- 01497	4 99283
1.205	000	- 10373	.04284	25015	.05204	8 08089	- 02430	4.96405
1.205	2 000	- 10502	.04373	.24966	04284	8 00736	-.03318	4.93668
1.205	4 000	-.10237	.04498	24974	.03169	7 91829	-.03911	4 91839
	GRADIENT	- 00019	00041	-.00132	-.00404	- 03233	- 00422	- 01302

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ048) (02 JUL 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT
SCALE =   .0100

PARAMETRIC DATA

BETA   =   -4.000   ELV-LI =   8.000
ELV-LO =   4.000   ELV-RI =   8.000
ELV-RO =   4.000

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.07957	.01923	.18710	.02925	7.85328	.00933	5.08534
.900	-6.000	-.07378	.02017	.17848	.02835	7.84747	.01337	5.10542
.900	-4.000	-.06945	.02089	.16928	.02732	7.84091	.01477	5.11238
.900	-2.000	-.06885	.02219	.16559	.02642	7.83513	.01750	5.12595
.900	.000	-.06583	.02305	.15744	.02623	7.83373	.01647	5.12075
.900	2.000	-.06617	.02367	.15869	.02940	7.85413	.01148	5.09598
.900	4.000	-.06602	.02553	.15974	.02617	7.83349	-.00322	5.03100
	GRADIENT	.00048	.00054	-.00130	.00003	.00021	-.00210	.00964

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	-.08272	.02335	.19903	.01768	7.78769	.02391	5.16704
.975	-6.000	-.07334	.02366	.18554	.01017	7.73564	.02529	5.17450
.975	-4.000	-.06572	.02354	.17182	.00585	7.70562	.02642	5.18061
.975	-2.000	-.06158	.02417	.16117	.00695	7.71324	.02583	5.17740
.975	.000	-.06317	.02504	.15821	.01153	7.74505	.02256	5.15988
.975	2.000	-.06161	.02491	.15476	.01350	7.75876	.01584	5.12390
.975	4.000	-.05751	.02527	.15206	.01505	7.76943	.00423	5.06166
	GRADIENT	.00082	.00021	-.00230	.00125	.00866	-.00272	-.01457

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.07005	.02492	.18041	.06804	8.19659	.02410	5.18429
1.150	-4.000	-.06517	.02659	.17093	.06275	8.15527	.01491	5.12890
1.150	-2.000	-.06500	.02773	.16395	.05863	8.12304	.00278	5.05575
1.150	.000	-.07010	.02827	.16392	.05184	8.06991	-.00851	5.01334
1.150	2.000	-.07132	.02910	.16568	.04077	7.98351	-.01921	4.98110
	GRADIENT	-.00118	.00040	-.00079	-.00364	-.02842	-.00568	-.02429

LARC 8FT TPT /49 (IA93) OTSATI30   (MJJ048) (02 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976 0000 IN. XT	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT	
SCALE = .0100		

BETA =	-4.000	ELV-LI =	8.000
ELV-LO =	4.000	ELV-RI =	8.000
ELV-RO =	4.000		

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	-.07796	.02511	.19300	.07149	8.23636	02208	5.17516
1.205	-6 000	- 07215	.02669	.18350	06575	8.19046	01265	5.11704
1.205	-4.000	- 06707	.02721	.17376	06159	8.15735	00170	5.04947
1.205	-2.000	- 06594	02754	.16572	.05919	8.13815	-.00755	5.01571
1.205	.000	-.07007	.02814	.16538	.05343	8.09191	-.01746	4.98517
1.205	2.000	-.07185	.02888	.16605	04406	8.01712	- 02771	4 95355
1.205	4 000	- 07040	03015	.16776	03364	7 93391	-.03502	4.93099
	GRADIENT	- 00063	00036	-.00058	-.00355	- 02840	-.00468	- 01496

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ049) (02 JUL 76)

PEFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	
LREF = 1290 3000 INCHES	YMRP = 0000 IN. YT	
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN ZT	
SCALE = .0100		

BETA =	000	ELV-LI =	8.000
ELV-LO =	4.000	ELV-RI =	8.000
ELV-RO =	4.000		

RUN NO   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8.000	- 00565	.00138	.01760	01896	7.78705	.00380	5 05786
900	-6 000	-.00159	.00024	.01063	01887	7.78651	.00965	5.08694
.900	-4 000	.00046	-.00013	00809	.01609	7 76861	.01436	5 11032
900	-2.000	.00121	- 00033	-.00498	.01559	7.76528	.01576	5.11725
900	.000	00230	- 00089	- 00085	.01701	7.77444	.01711	5.12396
900	2 000	00192	-.00065	-.00091	02020	7.79491	.01596	5.11823
.900	4.000	.00186	-.00044	- 00047	.02415	7.82035	.00530	5.06533
	GRADIENT	.00018	-.00005	-.00115	.00104	.00666	-.00090	-.00445

LARC 8FT TPT '/49' (IA93) OTSAT130   (MJJ049)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT		BETA	=	.000	ELV-LI =	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	4.000	ELV-RI =	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	4.000		
SCALE	=	.0100									

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	-.00381	.00113	.01805	.00769	7.71842	.02277	5.16102
.975	-6.000	-.00078	.00047	.01362	.00221	7.68034	.02403	5.16776
.975	-4.000	00304	-.00028	00578	-.00307	7.65575	.02666	5.18187
.975	-2 000	00615	-.00092	- 00260	-.00646	7 64853	02762	5.18703
.975	000	00588	-.00151	- 00508	-.00151	7 66046	02599	5 17823
975	2 000	.00349	-.00146	- 00188	00431	7 69492	.02218	5.15782
.975	4.000	00064	-.00057	00213	.00750	7 71709	.01352	5.11144
	GRADIENT	-.00037	- 00006	-.0C033	00155	00845	- 00159	-.00850

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	00026	00070	.01041	.06111	8.14242	.02609	5.19629
1.150	-4.000	00275	.00006	.00573	.05504	8.09498	02881	5.21268
1.150	-2.000	.00290	-.00033	.00223	.05138	8 06647	02076	5.16420
1.150	.000	00070	-.00040	00094	.04880	8 04623	.00697	5.08102
1.150	2 000	-.00146	00004	00249	.04153	7.98945	-.00618	5.02039
	GRADIENT	-.00074	- 00001	-.00055	- 00215	-.01684	- 00594	-.03300

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.00065	.00190	.01372	.06766	8.20563	.02454	5.19033
1.205	-6.000	00118	.00155	.01109	.06236	8.16321	.02290	5.18022
1.205	-4.000	00395	.00055	00556	.05748	8.12410	.01721	5 14510
1.205	-2.000	00609	- 00035	- 00131	.05442	8.09973	.00876	5 09302
1.205	000	.00387	- 00021	-.00200	05274	8.08640	-.00360	5.02790
1.205	2 000	00049	.00021	.00154	.04808	8.04926	- 01448	4 99436
1 205	4.000	- 00086	.00048	.00369	.03939	7 97179	- 02452	4.96339
	GRADIENT	-.00076	.00002	-.00004	-.00223	-.01775	-.00534	-.02311

LARC 8FT TPT 749 (IA93) OTSAT130   (HJJ050)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	06689	-.01560	- 14545	.00069	7.66942	-.00327	5.03087
.900	-6.000	.06678	-.01852	-.14647	.00561	7.70108	.00367	5.05722
.900	-4.000	06507	-.02065	-.14448	.00792	7.71595	.01101	5 09367
.900	-2.000	06407	- 02216	-.14693	00757	7.71373	.01435	5 11023
.900	000	.06456	- 02404	-.14978	.00714	7 71096	01557	5 11631
.900	2.000	.06285	-.02449	-.14762	.00689	7.70936	.01407	5.10886
900	4.000	.06433	- 02468	-.14784	.00811	7 71719	.00792	5.07835
	GRADIENT	- 00013	- 00052	-.00037	-.00001	-.00009	-.00032	- 00160

RUN NO   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	07371	- 01878	-.15934	- 00257	7.65725	.01947	5 14324
.975	-6.000	07087	-.02063	-.15463	- 00617	7.64641	01990	5 14558
.975	-4.000	06959	-.02268	-.15380	-.00782	7.64142	.02169	5 15524
.975	-2 000	06955	-.02486	- 15598	-.00736	7.64280	.02291	5.16180
.975	.000	06839	-.02635	- 15446	- 00352	7 65439	02316	5.16308
.975	2 000	.06459	- 02637	-.15198	-.00276	7.65667	.01982	5.14520
.975	4.000	05842	- 02577	- 14602	-.00379	7.65357	01430	5.11560
	GRADIENT	-.00137	-.00038	00098	.00063	00191	-.00089	-.00479

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	06867	- 02126	-.15305	.04707	8.03281	.02289	5.17704
1.150	-4.000	.06856	-.02455	-.15292	.04298	8.00088	.02805	5.20816
1.150	-2.000	.06918	-.02689	-.15394	.03880	7.96819	.03097	5.22576
1.150	.000	07002	-.02814	-.15763	.03263	7 91989	.02332	5.17958
1.150	2 000	06953	-.02825	-.15759	02597	7.86797	.01030	5.10111
	GRADIENT	.00019	-.00062	-.00089	-.00286	-.02235	-.00304	-.01837

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ050)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976 0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	.07258	-.01908	-.15747	.05687	8.11960	.02131	5.17045
1.205	-6.000	.07248	-.02217	-.15676	.05319	8.09010	.02366	5.18494
1.205	-4 000	.07221	-.02476	-.15702	.04968	8.06205	.02762	5.20872
1.205	-2 000	.07232	-.02665	-.15824	.04636	8.03554	.02442	5.18963
1.205	000	.07296	- 02780	-.16045	.04179	7.99906	.01357	5.12269
1.205	2.000	.07349	- 02851	-.16207	.03545	7.94836	.00043	5.04168
1 205	4.000	07063	-.02889	-.15978	.02856	7 89320	- 01111	5.00474
	GRADIENT	- 00010	- 00051	-.00047	-.00266	- 92124	-.00506	-.02779

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ051)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMPP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	10291	-.02589	-.22574	- 00379	7 65441	-.00345	5.03044
.900	-6.000	10169	-.02886	-.22468	.00226	7 67954	.00377	5.05772
.900	-4.000	.10038	-.03213	-.22391	.00480 ·	7.69592	.01048	5.09106
.900	-2.000	09999	- 03438	-.22569	00386	7.68983	01308	5.10397
900	000	.09933	- 03646	-.22548	.00294	7.68391	01437	5.11035
900	2.000	09718	- 03786	-.22380	.00260	7 68175	.01312	5.10420
.900	4.000	.09751	-.03821	-.22367	.00300	7 68430	00866	5 08205
	GRADIENT	- 00043	-.00078	.00012	-.00024	- 00157	-.00018	- 00089

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ051)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	6.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	.11470	-.03025	-.25081	-.00528	7.64809	.01915	5.14153
.975	-6.000	.10984	-.03250	-.24385	-.01068	7.63283	.01892	5.14036
.975	-4.000	.10520	-.03511	-.23795	-.01319	7.62523	.01999	5.14614
.975	-2.000	10217	-.03771	-.23519	-.01209	7 62855	.02066	5.14969
975	000	.09975	-.03947	-.23289	- 00791	7.64117	.02073	5 15010
.975	2.000	.09303	-.03944	-.22625	-.00592	7.64715	.01802	5 13555
.975	4.000	.08807	- 04001	-.22075	-.00533	7.64893	.01416	5 11485
	GRADIENT	- 00217	- 00058	00217	00109	.00330	- 00072	- 00384

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6 000	10429	- 03341	-.23646	04284	7 99971	02225	5.17318
1.150	-4 000	.10132	-.03730	-.23353	03900	7.96978	.02593	5.19541
1.150	-2.000	.09979	-.04025	-.23203	.03459	7 93529	.03056	5 22325
1.150	000	10052	- 04178	-.23459	.02799	7 88366	.02817	5 20884
1.150	2 000	09953	-.04223	-.23438	02098	7 82896	.01764	5.14541
	GRADIENT	- 00023	-.00082	- 00026	- 00303	- 02371	-.00136	-.00822

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.11174	-.03106	-.24741	.05248	8 08444	.02084	5.16751
1.205	-6.000	.10857	-.03488	- 24242	.04924	8.05849	.02219	5.17586
1 205	-4 000	.10612	-.03792	-.23945	.04518	8.02608	.02758	5 20907
1.205	-2.000	.10453	-.04020	-.23790	.04059	7.98932	.02831	5.21361
1.205	.000	.10513	-.04169	-.24016	.03517	7 94608	02016	5.16338
1.205	2.000	10512	- 04256	-.24150	.02873	7.89471	.00818	5.08949
1.205	4.000	.10193	-.04344	-.23888	.02359	7 85361	-.00417	5.02613
	GRADIENT	-.00039	-.00067	-.00012	-.00275	- 02198	-.00418	-.02450

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ052)   (02 JUL 76)

| REFERENCE DATA | | | | | PARAMETRIC DATA | | | |

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6 000	-.10779	.03912	.27064	.08245	8 30905	.06577	-4.88350
1.150	-4.000	-.10018	.04142	.25758	.07630	8.26104	.05049	-4.97563
1.150	-2.000	-.09804	.04337	.24953	06894	8.20356	.03520	-5.06779
1.150	.000	-.10137	.04459	.24802	.05956	8.13029	.02274	-5.14290
1 150	2 000	-.10266	.04523	.24804	.04855	8.04423	.01026	-5.21813
	GRADIENT	-.00054	.00063	- 00151	- 00463	- 03619	-.00666	-.04013

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	-.11931	.03844	.28829	.08154	8 31636	.06504	-4 87905
1.205	-6.000	-.10977	.04089	.27330	07444	8 25968	04991	-4.97229
1.205	-4.000	- 10287	.04254	26160	06837	8.21121	03569	-5.05997
1.205	-2 000	- 10027	04336	.25196	.06348	8.17212	.02489	-5.12657
1.205	000	- 10321	04369	.24992	05677	8 11851	.01465	-5.18969
1.205	2.000	-.10470	04422	.24976	04804	8 04880	.00522	-5 24780
1.205	4.000	- 10240	.04543	.25066	.03533	7 94724	- 00330	-5 29017
	GRADIENT	-.00017	.00033	-.00120	-.00408	-.03256	-.00488	- 02908

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ053)   (02 JUL 76)

| REFERENCE DATA | | | | | PARAMETRIC DATA | | | |

SPEF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -4 000   ELV-LI =   8 000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	- 07113	.02528	.18205	.07874	8.28002	.07436	-4 83177
1.150	-4.000	-.06600	.02703	17189	.07304	8 23555	.06235	-4.90413
1.150	-2.000	- 06552	.02832	.16435	06543	8.17615	.04637	-5.00048
1.150	.000	- 06995	.02941	.16454	.05797	8.11780	.03253	-5.08393
1.150	2.000	-.07147	.02997	.16614	.04760	8.03684	.01825	-5 16998
	GRADIENT	-.00104	00049	-.00085	- 00419	-.03272	- 00731	- 04405

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ053)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = -4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = -5.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = -5.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.07812	.02525	.19321	.07744	8.28366	.07263	-4.83225
1.205	-6.000	-.07228	.02725	.18437	.07144	8.23579	.05987	-4.91086
1.205	-4.000	-.06693	.02809	.17455	.06640	8.19546	.04559	-4.99890
1.205	-2.000	-.06605	.02849	.16666	.06239	8.16345	.03354	-5.07321
1.205	.000	-.07100	.02920	.16750	.05640	8.11559	.02132	-5.14857
1.205	2.000	-.07184	.02929	.16693	.04906	8.05692	.01047	-5.21548
1.205	4.000	-.06985	.03008	.16735	.03944	7.98015	.00051	-5.27688
	GRADIENT	-.00058	.00024	-.00071	-.00336	-.02686	-.00566	-.03491

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ054)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = .000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = -5.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = -5.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.00180	.00117	.01349	.06640	8.18364	.07809	-4.80932
1.150	-4.000	.00044	.00065	.00886	.06138	8.14442	.07865	-4.80590
1.150	-2.000	.00159	.00002	.00317	.05775	8.11604	.06886	-4.86490
1.150	.000	-.00013	-.00020	.00199	.05359	8.08355	.05296	-4.96082
1.150	2.000	-.00126	-.00014	.00148	.04610	8.02509	.03724	-5.05552
	GRADIENT	-.00034	-.00013	-.00117	-.00250	-.01952	-.00701	-.04224

RUN NO.   0/ 0   RN/L -   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.00165	.00200	.01531	.07204	8.24048	.07679	-4.80658
1.205	-6.000	.00057	.00159	.01180	.06689	8.19949	.07472	-4.81927
1.205	-4.000	.00363	.00064	.00563	.06217	8.16166	.06707	-4.86653
1.205	-2.000	.00463	.00005	.00112	.05909	8.13704	.05463	-4.94321
1.205	.000	.00288	.00004	-.00015	.05710	8.12131	.04010	-5.03271
1.205	2.000	.00019	.00028	.00218	.05176	8.07855	.02636	-5.11748
1.205	4.000	-.00080	.00034	.00369	.04328	8.01070	.01360	-5.19615
	GRADIENT	-.00066	-.00002	-.00014	-.00226	-.01802	-.00676	-.04168

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ055)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	8.000
ELV-LO	=	-5.000	ELV-RI	=	8.000
ELV-RO	=	-5.000			

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6 000	06741	-.02121	-.15220	.04936	8 05063	.07551	-4.82476
1.150	-4 000	.06735	-.02479	-.15272	.04568	8 02182	.07891	-4.80427
1.150	-2.000	06753	-.02735	-.15349	.04219	7.99460	08081	-4 79282
1.150	000	06862	- 02882	- 15576	03744	7.95751	07326	-4 83829
1 150	2 000	.06864	- 02881	-.15662	.03076	7 90528	05688	-4 93709
	GRADIENT	.00025	- 00068	- 00070	-.00248	- 01933	-.00369	- 02220

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8.000	07291	-.01927	-.15875	.05926	8 13847	07314	-4 82903
1.205	-6.000	.07185	-.02246	-.15687	05576	8.11054	.07465	-4.81965
1.205	-4.000	07029	- 02502	-.15503	05265	8.08483	.07738	-4.80289
1.205	-2.000	07059	- 02717	-.15657	.04920	8 05804	07313	-4.82918
1 205	000	.07217	-.02861	-.16067	.04418	8 01793	.06084	-4.90489
1.205	2.000	07302	-.02905	- 16223	.03796	7 96821	.04472	-5.00431
1.205	4 000	06961	-.02879	- 15874	.03130	7.91510	.02880	-5.10242
	GRADIENT	00005	-.00047	- 00065	-.00269	-.02146	-.00628	-.03871

LARC 8FT TPT 749 (IA93) OTSAT'30   (MJJ056)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	≈	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	≈	1290.3000 INCHES	YMRP	≈	.0000 IN. YT
BREF	≈	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	≈	0100			

BETA	=	6.000	ELV-LI	=	8.000
ELV-LO	=	-5.000	ELV-RI	=	8.000
ELV-RO	=	-5.000			

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 150	-6.000	.10310	- 03340	-.23612	.04400	3.00875	.07502	-4.82769
1.150	-4.000	.09986	-.03765	-.23321	.04026	7.97945	.07706	-4.81545
1.150	-2.000	.09817	-.04092	-.23143	.03733	7.95660	.08066	-4.79375
1.150	.000	.09910	-.04269	-.23314	.03150	7.91108	.07873	-4.80538
1.150	2.000	.09858	-.04318	-.23453	.02478	7 85858	.06621	-4.88087
	GRADIENT	-.00014	-.00092	-.00028	- 00261	-.02041	-.00173	-.01040

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ056)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

               RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         1.205   -8.000   .11116   -.03107   -.24726   .05610   8.11312   .07222   -4.83474
         1.205   -6.000   .10749   -.03519   -.24165   .05165   8.07760   .07269   -4.83183
         1.205   -4.000   .10447   -.03853   -.23804   .04711   8.04143   .07670   -4.80706
         1.205   -2.000   .10306   -.04098   -.23691   .04301   8.00857   .07724   -4.80382
         1.205   .000   .10371   -.04237   -.23905   .03765   7.96578   .06933   -4.85254
         1.205   2.000   .10400   -.04316   -.24064   .03146   7.91631   .05437   -4.94483
         1.205   4.000   .10065   -.04344   -.23751   .02597   7.87248   .03801   -5.04566
                GRADIENT   -.00033   -.00060   -.00013   -.00269   -.02151   -.00501   -.03091

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ057)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

               RUN NO   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

         MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
         .600   -8.000   -.09888   .02975   .23742   .02638   7.76497   .00429   10.44855
         .600   -6.000   -.09502   .03033   .23240   .02473   7.75872   .00265   10.44375
         .600   -4.000   -.09153   .03094   .22624   .02336   7.75359   .00095   10.43879
         .600   -2.000   -.08971   .03156   .21868   .02159   7.74676   -.00105   10.43446
         .600   .000   -.09333   .03390   .21895   .02072   7.74355   -.00364   10.43068
         .600   2.000   -.09444   .03583   .21905   .02038   7.74224   -.00711   10.42561
         600   4.000   -.09422   .03826   .22098   .01947   7.73881   -.01069   10.42036
                GRADIENT   -.00051   .00094   -.00051   -.00045   -.00170   -.00147   -.00229

TABULATED SOURCE DATA - 1A93.

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ057)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT			BETA = -6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = .0100					

RUN NO. 0/ 0   RN/L = 3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8.000	-.11446	03021	.27294	.02715	7.83959	.00691	10.47031
.900	-6.000	-.10919	03143	.26374	.02760	7.84249	.01020	10.48663
.900	-4.000	-.10405	.03244	.25202	.02719	7.83993	.00767	10.47408
.900	-2.000	-.10223	03440	.24615	.02625	7 83387	.00390	10.45538
.900	.000	-.10068	.03654	24027	02633	7.83438	.00025	10 43722
.900	2 000	-.09811	03805	23639	02320	7 81420	-.00816	10.41575
.900	4 000	-.09972	03981	24064	.01662	7 77189	-.02437	10 37552
	GRADIENT	00064	.00092	-.0C163	-.00121	-.00779	-.00381	-.01184

RUN NO 0/ 0   RN/L = 4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	-.12171	.03507	.29152	01319	7 75652	-.00312	10.42764
.975	-6.000	-.11089	.03589	.27576	.00620	7.70803	-.00123	10.43270
.975	-4.000	-.10120	.03631	.25943	.00181	7.67754	.00001	10.43605
.975	-2 000	-.09414	03705	24507	.00234	7.68127	-.00028	10.43526
.975	000	-.09403	.03806	.23860	.00660	7 71083	-.00172	10.43138
975	2.000	-.09169	.03884	23616	01013	7 73528	-.00792	10 41480
.975	4 000	-.08826	03972	.23361	01237	7 75081	-.02352	10.37304
	GRADIENT	00142	.00043	-.00303	.00145	.01003	-.00273	-.00732

RUN NO 0/ 0   RN/L = 4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10846	.03894	27190	.06840	8.19949	-.00643	10.41662
1.150	-4.000	-.10078	04066	.25815	.06224	8.15131	-.01629	10.38688
1.150	-2 000	-.09786	.04195	.24823	.05506	8.09519	-.02695	10.35474
1.150	.000	-.10149	.04298	.24747	.04515	8 01782	-.03543	10.32917
1.150	2 000	-.10253	.04357	.24762	.03480	7.93696	-.04242	10.30809
	GRADIENT	-.00044	.00049	-.00162	-.00461	-.03602	-.00434	-.01310

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ057)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        1 205   -8.000   -.11889   .03780   .28769   .07279   8 24651   - 00599   10.41754
        1.205   -6.000   -.10947   .03973   .27244   .06642   8.19575   -.01514   10.38932
        1 205   -4 000   - 10194   .04075   25960   .06050   8.14847   -.02618   10.35528
        1.205   -2.000   -.09935   04142   .25035   .05546   8 10815   -.03514   10.32765
        1.205   .000   - 10302   .04213   .24887   04866   8.05381   -.04286   10.30385
        1.205   2.000   - 10403   04298   24891   03968   7.98205   -.05012   10 28150
        1.205   4.000   - 10073   .04390   .24882   02805   7.88916   -.05514   10.26599
                  GRADIENT - 00011   00039   -.00115   00403   - 03224   - 00365   -.01124

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ058)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   9 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3 24   GRADIENT INTERVAL = -5.00/ 5.00

        MACH   ALPHA   CYN   CBL   CY   CHEI   ELV-LI   CHEO   ELV-LO
        .600   -8 000   -.06833   .01952   .16492   .02434   7.75711   .00466   10.44962
        600   -6.000   -.06531   .01963   .16050   .02251   7.75017   .00328   10.44558
        .600   -4 000   -.06243   .01984   .15311   .02126   7.74558   .00213   10.44222
        .600   -2.000   - 06034   .02026   .14694   .01957   7 73919   .00018   10.43653
        .600   .000   -.06169   .02175   .14433   .01844   7.73492   -.00226   10.43269
        .600   2.000   -.06362   02311   14576   .01817   7.73389   - 00570   10 42765
        .600   4.000   -.06117   02433   14439   .01718   7.73014   -.00967   10.42186
                  GRADIENT - 00004   00059   -.00093   -.00048   -.00181   -.00147   -.00248

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ058)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = -4.000	ELV-LI = 8.000		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9.000	ELV-RI = 8.000		
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000			
SCALE = .0100							

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.07921	.01871	.18776	.02502	7.82589	.00607	10.46611
.900	-6 000	-.07309	.01956	.17778	.02543	7.82849	.01051	10.48813
.900	-4 000	-.06871	.02032	.16885	.02476	7.82418	.00882	10.47977
.900	-2 000	-.06794	.02194	.16579	.02391	7.81880	.00516	10 46161
.900	.000	-.06593	.02345	.15951	.02272	7 81122	.00098	10.44087
.900	2 000	- 06374	.02455	15606	01969	7.79159	- 00675	10.41925
.900	4 000	-.06486	.02541	- 16013	- -01356	7.75229	-.02249	10 38015
	GRADIENT	.00060	.00064	- 00136	- 00133	- 00855	- 00373	-.01208

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 08205	.02312	.19895	.01012	7 73520	-.00358	10 42642
975	-6.000	- 07306	.02340	.18550	.00170	7 67677	-.00211	10.43036
.975	-4.000	- 06570	.02341	.17202	-.00365	7 65399	-.00136	10 43237
.975	-2 000	- 06149	.02409	.16180	- 00275	7 65672	-.00175	10.43131
.975	.000	- 06247	.02447	15642	00350	7 68931	- 00226	10 42995
.975	2.000	- 06139	02459	.15537	.00542	7.70260	-.00540	10 42154
.975	4.000	-.05685	.02487	.15289	.00662	7 71092	-.01871	10.38590
	GRADIENT	00089	.00017	-.00223	.00144	.00799	-.00192	-.00514

RUN NO.   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.07086	.02507	.18127	.06660	8.18536	-.00205	10.42981
1.150	-4.000	- 06618	.02666	.17230	.05947	8.12965	- 00923	10.40818
1.150	-2 000	- 06485	.02721	.16340	.05290	8.07831	-.01981	10.37628
1.150	.000	-.06939	.02777	.16321	.04406	8.00924	-.02965	10.34660
1.150	2.000	-.07040	.02833	.16405	.03431	7 93306	-.03806	10 32126
	GRADIENT	- 00086	.00028	-.00125	- 00422	- 03294	-.00482	-.01452

LARC 8FT TPT '749 (1A93) OTSAT130   (MJJ058)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	-.07736	.02459	.19206	.07226	8.24232	-.00219	10.42926
1.205	-6 000	- 07137	.02589	.18236	.06592	8.19176	-.00963	10.40631
1.205	-4.000	-.06582	.02629	.17182	.05912	8.13742	-.01966	10.37539
1.205	-2 000	-.06454	.02671	.16371	.05494	8.10400	-.02870	10.34751
1.205	000	-.06973	.02759	.16488	.04945	8 06022	-.03734	10.32085
1.205	2.000	-.07103	.02834	.16553	.04038	7.98768	-.04548	10 29578
1.205	4 000	-.06844	.02906	.16635	.03009	7.90546	-.05137	10.27759
	GRADIENT	-.00059	00036	-.0C046	-.00363	-.02901	- 00401	- 01237

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJ059)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8 900	-.00291	.00081	.01516	.02010	7.74115	.00395	10.44755
.600	-6.000	-.00037	.00010	.01177	.01827	7.73419	00281	10.44422
.600	-4.000	.00234	-.00083	.00598	.01639	7.72706	00218	10.44237
600	-2 000	00397	-.00142	-.00012	.01451	7.71993	.00058	10.43770
.600	.000	.00436	-.00162	- 00472	.01333	7.71545	-.00136	10 43402
600	2 000	.00181	-.00104	-.00038	01370	7.71686	-.00435	10.42965
.600	4 000	- 00039	-.00074	00329	01308	7.71461	- 00878	10.42315
	GRADIENT	- 00038	.00003	-.00028	- 00037	- 00140	-.00134	- 00232

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ059)   (02 JUL 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	BETA = .000 ELV-LI = 8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-LO = 9.000 ELV-RI = 8.000
SCALE	=	0100				ELV-RO = 9.000

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	-.00351	.00038	.01508	.01141	7.73842	.00151	10.44350
.900	-6.000	-.00034	-.00060	.01000	.01476	7.75997	.00796	10.47553
.900	-4.000	.00088	-.00062	.00843	.01274	7.74693	.00873	10.47932
.900	-2.000	.00256	-.00082	.00252	.01107	7.73617	.00614	10.46646
.900	.000	.00315	-.00123	-.00133	.01107	7.73623	.00010	10.43648
.900	2.000	.00247	-.00097	-.00033	.01095	7.73547	-.00700	10.41862
.900	4.000	.00114	-.00090	.00187	.00855	7.71998	-.01705	10.39368
	GRADIENT	.00002	-.00003	-.00080	-.00043	-.00273	-.00323	-.01096

RUN NO   0/ 0   RN/L =   4.08   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	-.00250	.00067	.01640	.00223	7.68045	-.00456	10.42379
.975	-6.000	.00119	-.00009	.01124	-.00402	7.65287	-.00408	10.42507
.975	-4.000	.00465	-.00080	.00473	-.00941	7.63665	-.00280	10.42851
.975	-2.000	.00683	-.00139	-.00238	-.01133	7.63088	-.00246	10.42942
.975	.000	.00635	-.00192	-.00517	-.00473	7.65074	-.00389	10.42559
.975	2.000	.00507	-.00216	-.00427	.00320	7.68721	-.00571	10.42070
.975	4.000	.00097	-.00065	.00219	-.00030	7.66413	-.01164	10.40482
	GRADIENT	-.00046	-.00002	-.00035	.00164	.00556	-.00105	-.00280

RUN NO   0/ 0   RN/L =   4.19   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.00001	.00058	.01139	.05998	8.12575	-.00177	10.43067
1.150	-4.000	.00249	-.00005	.00651	.05244	8.07474	-.00006	10.43582
1.150	-2.000	.00369	-.00069	.00130	.04794	8.03965	-.00631	10.41698
1.150	.000	.00158	-.00083	.00016	.04303	8.00127	-.01710	10.38445
1.150	2.000	-.00038	-.00050	.00118	.03419	7.93209	-.02848	10.35014
	GRADIENT	-.00054	-.00008	-.00086	-.00298	-.02332	-.00480	-.01448

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ059)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		
SCALE = .0100			

BETA = .000   ELV-LI = 8.000
ELV-LO = 9.000   ELV-RI = 8.000
ELV-RO = 9.000

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	-.00039	.00159	.01390	.06688	8.19931	-.00114	10.43249
1.205	-6.000	-.00179	.00118	.01030	.06121	8.15410	-.00226	10.42904
1.205	-4 000	00450	.00027	.00474	.05584	8.11123	-.00761	10.41253
1.205	-2.000	00605	- 00052	- 00058	.05255	8.08497	- 01472	10 39059
1 205	.000	00447	-.00060	-.00215	04993	8.06404	-.02560	10 35706
1 205	2.000	00202	- 00039	-.00071	04321	8.01019	- 03546	10.32670
1.205	4.000	00049	- 00034	.00195	.03335	7 93150	- 04280	10.30406
	GRADIENT	- 00060	-.00005	- 0C029	-.00272	- 02171	-.00455	- 01404

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ061)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT		
SCALE = .0100			

BETA = 4.000   ELV-LI = 8.000
ELV-LO = 9.000   ELV-RI = 8.000
ELV-RO = 9.000

RUN NO   0/ 0   RN/L = 3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	.06034	-.01517	-.12615	.01469	7.72069	.00128	10.43975
.600	-6 000	.06019	-.01722	-.12675	.01238	7.71189	.00020	10.43659
.600	-4.000	06285	-.01956	-.13254	.01128	7.70775	-.00017	10.43576
.600	-2.000	.06402	-.02128	-.13761	.01065	7.70541	-.00108	10.43442
.600	.000	.06599	-.02333	-.14300	.01038	7 70433	- 00261	10.43219
.600	2.000	06632	- 02478	-.14341	.00972	7.70184	-.00557	10.42786
.600	4.000	06233	- 02557	- 13789	.00863	7.69771	-.00964	10.42190
	GRADIENT	.00006	-.00078	-.00083	- 00031	- 00118	-.00117	-.00171

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ061)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = 4.000   ELV-LI = 8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = 9.000   ELV-RI = 8.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
900	-8 000	.06882	-.01651	-.14793	-.00643	7 64703	-.00627	10.42043
.900	-6.000	06779	-.01901	-.14706	-.00084	7.66266	.00025	10.43725
.900	-4.000	.06475	-.02067	-.14247	.00069	7.66947	.00261	10.44895
.900	-2.000	.06457	-.02242	-.14672	-.00062	7 66326	00109	10.44141
.900	.000	.06476	-.02415	- 14981	-.00206	7 65923	-.00231	10.43027
900	2.000	06307	-.02512	- 14749	- 00370	7 65467	-.00641	10.42009
900	4 000	06424	-.02513	-.14759	-.00422	7.65320	- 01281	10.40418
GRADIENT		- 00013	-.00058	-.00055	- 00065	- 00206	-.00192	-.00554

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	07439	-.01940	- 16028	-.00617	7 64642	-.00529	10 42183
.975	-6.000	07257	-.02159	-.15716	-.01002	7 63481	-.00530	10.42180
975	-4.000	07194	-.02379	-.15623	-.01202	7 62879	- 00408	10.42508
975	-2.000	07094	- 02562	- 15711	-.01307	7 62564	- 00300	10 42796
975	.000	06996	-.02693	-.15740	-.01072	7.63271	-.00461	10.42365
.975	2 000	06542	-.02652	-.15269	-.01123	7.63117	-.00831	10.41375
.975	4 000	05855	- 02572	-.14543	- 01420	7.62224	- 01536	10.39488
GRADIENT		- 00162	-.00024	.00130	- 00013	- 00038	- 00139	- 00373

RUN NO.   0/ 0   RN/L =   4.19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.06835	-.02147	-.15178	.04387	8 00784	-.00402	10.42388
1.150	-4.000	06854	-.02467	- 15176	.03958	7.97433	-.00015	10 43554
1.150	-2 000	06978	- 02713	-.15408	.03494	7 93804	.00239	10.45041
1.150	.000	07124	-.02857	- 15870	.02876	7 88977	-.00357	10.42524
1.150	2.000	.06997	-.02839	- 15711	.02133	7 83167	- 01458	10 39205
GRADIENT		.00029	-.00063	-.00103	- 00305	- 02381	- 00246	-.00778

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ061)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8 000	.07294	-.01941	-.15733	.05461	8.10135	-.00443	10.42234
1 205	-6.000	.07279	- 02232	-.15672	05077	8.07075	- 00248	1C.42837
1 205	-4.000	.07265	- 02491	-.15699	.04687	8.03951	.00037	10 43826
1 205	-2.000	.07271	-.02677	-.15786	.04318	8.01005	-.00256	10 42811
1.205	.000	07299	-.02786	-.15971	.03845	7.97231	-.01179	10 39966
1.205	2 000	.07342	- 02850	-.16136	.03159	7.91738	- 02291	10 36537
1.205	4 000	.07027	- 02880	- 15892	.02323	7.85060	-.03289	10.33459
	GRADIENT	- 00020	- 00048	-.0C037	-.00294	-.02352	- 00434	-.01350

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ062)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9 000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.24   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.600	-8.000	09037	-.02442	-.19490	.01169	7.70933	.00137	10.44001
600	-6 000	.09064	- 02671	-.19654	.00982	7.70226	.00027	10.43680
600	-4.000	.09207	- 02943	-.20081	.00861	7.69766	.00013	10.43639
.600	-2 000	09387	-.03191	-.20592	00746	7.69333	-.00044	10.43536
.600	.000	.09680	- 03443	- 21097	.00667	7 69031	-.00179	10.43338
.600	2.000	.09729	-.03664	- 21232	.00572	7.68669	-.00504	10 42863
600	4 000	.09535	-.03892	- 20986	.00485	7 68338	-.00910	10.42269
	GRADIENT	.00050	-.00119	- 00123	-.00046	-.00176	-.00115	.00171

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ062)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.97   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.900	-8.000	.10360	-.02639	-.22605	-.01134	7.63335	-.00819	10.41568
.900	-6.000	.10264	-.02928	-.22553	-.00488	7.65139	-.00245	10.42992
.900	-4.000	.10083	-.03213	-.22376	-.00337	7.65558	-.00067	10.43434
.900	-2 000	.09976	-.03424	-.22458	-.00467	7.65196	-.00127	10.43285
.900	.000	.09855	-.03634	-.22483	-.00617	7.64778	-.00335	10 42768
.900	2 000	.09590	-.03818	-.22212	-.00740	7 64433	-.00696	10 41874
.900	4 000	.09750	-.03884	-.22420	-.00704	7 64532	-.01135	10 40782
GRADIENT		-.00053	-.00087	.0C009	-.00050	-.00141	-.00135	-.00336

RUN NO   0/ 0   RN/L =   4 08   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8 000	.11564	-.03087	-.25071	-.00966	7.63589	-.00576	10.42058
.975	-6.000	.11075	-.03315	-.24373	-.01525	7 61905	-.00584	10.42036
.975	-4 000	.10658	-.03584	-.23852	-.01776	7 61148	-.00467	10.42350
.975	-2 000	.10328	-.03825	-.23552	-.01802	7.61070	-.00365	10.42622
.975	.000	.10030	-.03940	-.23298	-.01582	7.61732	-.00565	10.42088
.975	2 000	.09383	-.03942	-.22729	-.01591	7.61707	-.01048	10 40792
.975	4 000	.08815	-.03999	-.22056	-.01697	7 61390	-.01639	10 39213
GRADIENT		-.00232	-.00047	.00221	.00019	.00056	-.00151	-.00405

RUN NO   0/ 0   RN/L =   4 19   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.10436	-.03365	-.23609	.03895	7.96938	-.00455	10.42228
1.150	-4.000	.10156	-.03755	-.23329	.03472	7.93528	-.00156	10.43130
1.150	-2.000	.10078	-.04064	-.23294	.03070	7.90486	.00221	10.44935
1 150	.000	.10135	-.04198	-.23478	.02406	7.85300	-.00042	10 43473
1.150	2 000	.09996	-.04232	-.23462	.01686	7.79673	-.00932	10.40791
GRADIENT		-.00021	-.00078	-.00029	-.00301	-.02352	-.00130	-.00424

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ062) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 6.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	.11182	-.03126	-.24686	.05156	8.07700	- 00470	10.42152
1.205	-6.000	.10857	-.03496	-.24148	.04697	8.04033	- 00384	10 42417
1.205	-4 000	.10601	-.03795	-.23815	.04195	8.00018	.00042	10.43858
1.205	-2.000	.10424	-.04002	-.23641	03746	7.96434	.00114	10.44303
1.205	.000	.10485	- 04156	-.23849	03186	7.91959	-.00610	10.41719
1 205	2 000	.10476	-.04244	-.24012	.02477	7.86291	-.01625	10.38589
1.205	4 000	10129	- 04321	-.23734	.01894	7.81634	-.02693	10 35295
	GRADIENT	- 00045	- 00065	-.00011	-.00294	-.02346	-.00360	-.01142

LARC 8FT TPT 749 (IA93) OTSAT130+TSI   (MJJ063) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = -6 000 ELV-LI = 10.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000 ELV-RI = 10.000
BREF = 1290 3000 INCHES	ZMRP = 400 0000 IN ZT	ELV-RO = 9.000
SCALE = .0100		

RUN NO. 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8.000	-.12091	.03508	.29128	.00464	10 23522	-.00534	10.42169
975	-6 000	-.10990	03560	.27541	.01270	10.29118	-.00355	10.42650
.975	-4.000	- 10018	.03579	25896	.02703	10.39062	-.00206	10.43049
.975	-2.000	- 09370	.03666	.24563	02938	10.40698	-.00260	10 42903
.975	000	- 09281	.03762	.23800	.02089	10.34807	- 00583	10.42038
.975	2 000	- 08978	03840	.23372	.00788	10.25775	-.01396	10.39858
.975	4.000	- 09092	04006	.23677	-.00797	10.17898	- 02954	10.35683
	GRADIENT	00112	00051	- 00281	-.00457	-.02863	-.00332	-.00889

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10713	.03868	.26962	.04250	10.53501	-.01058	10.40411
1.150	-4.000	-.09937	.04029	.25608	.03758	10.49655	-.02019	10.37515
1.150	-2.000	-.09713	.04196	.24820	.03241	10.45621	-.03041	10.34432
1.150	.000	-.09944	.04254	.24521	.02549	10.40211	-.03821	10.32082
1.150	2.000	- 09998	.04284	.24393	.01773	10 34156	-.04480	10 30092
	GRADIENT	- 00021	.00041	-.00197	-.00332	- 02595	-.00408	-.01231

LARC 8FT TPT /49 (1A93) OTSAT130+TS1   (MJJ063)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.11920	.03798	.28871	.04696	10.57812	-.00906	10.40807
1.205	-6.000	-.10954	.03995	.27266	.04072	10.52825	-.01762	10.38169
1 205	-4 000	-.10196	.04103	.25942	.03568	10.48794	-.02815	10.34925
1.205	-2 000	-.09841	.04138	.24938	.03156	10.45504	-.03651	10.32349
1.205	000	-.10129	.04184	.24728	.02599	10 41060	-.04379	10.30105
1.205	2 000	-.10294	.04278	.24830	01859	10 35147	-.04995	10 28209
1 205	4.000	-.10039	.04395	.24806	00912	10 27580	-.05590	10 26373
	GRADIENT	-.00007	00036	-.00119	-.00330	-.02639	-.00345	-.01062

LARC 8FT TPT 749 (1A93) OTSAT130+TS1   (MJJ064)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976 0000 IN. XT   BETA   =   000   ELV-LI =   10.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
975	-8 000	-.00293	.00072	01739	-.00335	10.19289	-.00672	10.41800
.975	-6.000	.00077	-.00015	.01232	-.00468	10.18888	-.00619	10.41941
.975	-4 000	.00441	-.00102	.00558	.00176	10 21524	-.00495	10.42272
.975	-2.000	00532	-.00122	.00079	.01043	10.27547	-.00480	10.42313
975	.000	.00496	-.00176	-.00231	.00506	10.23814	-.00678	10.41784
.975	2 000	00300	-.00147	-.00076	-.00356	10 19227	-.00901	10 41186
.975	4.000	.00117	-.00090	00089	-.01464	10 15890	-.01613	10.39282
	GRADIENT	-.00044	-.00000	-.00055	-.00234	-.00979	-.00133	-.00355

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	00004	.00045	01124	03670	10 48977	-.00444	10.42262
1 150	-4.000	.00294	-.00040	.00563	.03112	10 44620	-.00288	10 42731
1.150	-2 000	.00406	-.00102	.00038	.02736	10.41675	-.00938	10 40773
1.150	.000	00187	-.00109	-.00072	02356	10.38708	-.02074	10.37348
1.150	2.000	-.00047	-.00078	.00165	01673	10 33373	-.03146	10.34112
	GRADIENT	-.00062	-.00006	-.00065	-.00235	-.01835	-.00485	-.01464

LARC 8FT TPT 749 (IA93) OTSAT130+TS1   (MJJ064) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

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SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT              BETA    =      .000  ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT              ELV-LO  =     9.000  ELV-RI =   10.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT              ELV-RO  =     9.000
SCALE =      .0100
```

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1 205	-8 000	.00009	.00124	.01312	.04371	10.55228	-.00400	10.42366
1 205	-6 000	00126	00122	.01114	.03847	10.51028	-.00480	10.42122
1.205	-4 000	00375	.00039	.00555	.03350	10.47040	-.00986	10.40563
1.205	-2.000	.00577	- 00059	-.00029	.03031	10.44498	-.01735	10.38255
1 205	.000	00409	- 00060	-.00149	.02791	10 42588	-.02804	10.34960
1.205	2.000	.00167	- 00052	-.00078	.02241	10.38194	- 03702	10 32195
1.205	4 000	-.00003	-.00026	00238	.01474	10 32073	-.04452	10.29882
	GRADIENT	- 00058	- 00006	-.00034	- 00227	-.01812	-.00445	-.01371

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (MJJ065) (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ FT.   XMRP  =   976.0000 IN. XT              BETA    =    -6.000  ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =      0000 IN  YT              ELV-LO  =     9.000  ELV-RI =   10.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN  ZT              ELV-RO  =     9.000
SCALE =      .0100
```

RUN NO. 0/ 0 RN/L = 4.08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	- 12011	03496	.28966	.00307	10.22428	-.00527	10 42190
.975	-6.000	-.10883	.03539	.27294	.01149	10.28272	-.00346	10.42674
.975	-4.000	-.09995	.03584	25828	.02615	10 38450	-.00192	10.43086
.975	-2 000	- 09328	03659	24408	.02868	10.40215	- 00275	10 42864
975	000	- 09246	.03761	.23709	.02022	10.34340	-.00642	10.41880
.975	2.000	- 09007	.03861	23434	.00777	10.25695	-.01468	10.39666
.975	4.000	-.09059	.04009	.23624	-.00859	10.17710	-.03055	10.35417
	GRADIENT	00110	.00053	- 00269	-.00452	- 02800	-.00346	-.00927

RUN NO. 0/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	-.10721	.03888	.26972	.04272	10.53653	-.01080	10 40348
1 150	-4 000	-.09997	.04060	.25729	.03790	10.49896	-.02032	10.37477
1.150	-2.000	- 09750	.04201	24858	.03269	10.45829	-.03032	10.34463
1 150	.000	-.09899	.04241	.24429	02547	10.40183	-.03814	10.32110
1.150	2 000	-.10011	.04291	.24448	.01772	10.34129	-.04551	10.29893
	GRADIENT	-.00009	.00037	-.00214	-.00339	-.02647	-.00417	-.01255

LARC 8FT TPT 749 (IA93) OTSAT130+TSI-BASE TUBES   (MJJ065)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	-.11852	.03900	.28717	.04654	10.57485	-.00928	10.40740
1.205	-6.000	-.10874	.03981	.27135	.04076	10.52869	-.01793	10.38072
1.205	-4.000	-.10192	.04104	.25936	.03565	10.48776	-.02851	10.34813
1.205	-2.000	-.09926	.04175	.25031	.03147	10.45442	-.03682	10.32252
1.205	.000	-.10194	.04229	.24888	.02611	10.41163	-.04396	10.30046
1.205	2.000	-.10274	.04280	.24798	.01850	10.35086	-.05013	10.28143
1.205	4.000	-.10002	.04385	.24699	.01045	10.28648	-.05648	10.26190
	GRADIENT	.00002	.00033	-.00135	-.00317	-.02531	-.00346	-.01068

LARC 8FT TPT 749 (IA93) OTSAT130+TSI-BASE TUBES   (MJJ066)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   4.08   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
.975	-8.000	-.00246	.00068	.01708	-.00316	10.19347	-.00708	10.41704
.975	-6.000	.00095	.00000	.01196	-.00480	10.18855	-.00652	10.41854
.975	-4.000	.00519	-.00105	.00376	.00096	10.20965	-.00528	10.42187
.975	-2.000	.00802	-.00192	-.00440	.00931	10.26757	-.00523	10.42199
.975	.000	.00508	-.00170	-.00233	.00478	10.23615	-.00714	10.41688
.975	2.000	.00283	-.00145	-.00024	-.00368	10.19193	-.00934	10.41101
.975	4.000	.00090	-.00080	.00190	-.01518	10.15729	-.01646	10.39193
	GRADIENT	-.00069	.00005	.00002	-.00226	-.00902	-.00132	-.00354

RUN NO   0/ 0   RN/L =   4 20   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.150	-6.000	.00010	.00065	.01191	.03657	10.48862	-.00460	10.42215
1.150	-4.000	.00296	-.00021	.00623	.03107	10.44562	-.00322	10.42631
1.150	-2.000	.00370	-.00077	.00120	.02751	10.41787	-.00989	10.40619
1.150	.000	.00138	-.00084	.00052	.02367	10.38778	-.02108	10.37252
1.150	2.000	-.00067	-.00061	.00199	.01662	10.33281	-.03177	10.34029
	GRADIENT	-.00066	-.00006	-.00067	-.00236	-.01843	-.00484	-.01459

LARC 8FT TPT 749 (IA93) OTSAT130+TS1-BASE TUBES   (MJJ066)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000	
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
1.205	-8.000	.00007	.00147	.01323	.04361	10.55157	-.00428	10.42280
1.205	-6.000	.00195	.00111	.01038	.03820	10.50826	-.00529	10.41970
1.205	-4.000	.00456	.00022	.00500	.03337	10.46953	-.01023	10.40448
1.205	-2.000	.00609	-.00053	-.00078	.03030	10.44502	-.01762	10.38170
1.205	.000	.00391	-.00047	-.00107	.02761	10.42361	-.02817	10.34916
1.205	2.000	.00178	-.00043	-.00051	.02247	10.38251	-.03719	10.32137
1.205	4.000	.00041	-.00032	.00178	.01513	10.32387	-.04463	10.29840
	GRADIENT	-.00063	-.00006	-.00031	-.00222	-.01769	-.00442	-.01362

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (MJJ067)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	-6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	9.000	
SCALE = .0100						

PN/L =   4.81   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.12009	.03506	.28974	.00490	10.24327	-.00379	10.42397
-6.000	-.10912	.03549	.27328	.01215	10.30289	-.00200	10.42966
-4.000	-.09890	.03561	.25668	.02483	10.40716	-.00039	10.43477
-2.000	-.09259	.03641	.24364	.02829	10.43553	-.00101	10.43279
.000	-.09232	.03754	.23684	.01986	10.36625	-.00466	10.42122
2.000	-.08904	.03824	.23286	.00843	10.27232	-.01192	10.39817
4.000	-.08842	.04025	.23422	-.00399	10.18875	-.02757	10.34857
GRADIENT	.00123	.00056	-.00279	-.00387	-.03000	-.00326	-.01035

　　　　TABULATED SOURCE DATA - IA93.　　　　　　　　　　　　　　　

LARC 8FT TPT 749 (IA93) OTSATI30+TS2　　　　　　　　(MJJ068)　(02 JUL 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	10.000
ELV-LO	=	9 000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RN/L -　4.81　　GRADIENT INTERVAL = -5.00/ 5.00

MACH　=　.975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.00250	.00080	.01643	-.00236	10.19461	-.00562	10.41826
-6 000	.00134	-.00011	.01066	-.00363	10.19010	-.00499	10 42023
-4.000	.00510	-.00112	.00378	.00263	10.22453	-.00367	10.42441
-2.000	00675	- 00169	-.00216	.00995	10.28445	-.00338	10.42534
000	.00536	-.00183	-.00340	.00539	10 24712	- 00510	10.41989
2.000	00288	- 00133	-.00064	-.00223	10 19508	- 00753	10.41223
4.000	00076	-.00064	.0C226	-.01354	10 15490	-.01440	10 39052
GRADIENT	- 00063	00007	-.00008	- 00223	-.01143	-.00128	-.00404

LARC 8FT TPT 749 (IA93) OTSATI30+TS2　　　　　　　　(MJJ069)　(02 JUL 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400 0000 IN. ZT
SCALE	=	.0100			

BETA	=	6 000	ELV-LI	=	10 000
ELV-LO	=	9.000	ELV-RI	=	10.000
ELV-RO	=	9.000			

RN/L =　4.81　　GRADIENT INTERVAL = -5.00/ 5.00

MACH　=　.975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	- .11616	-.03140	-.25133	-.00039	10.20181	-.00744	10 41569
-6.000	.11079	-.03340	-.24417	-.00074	10 20073	-.00762	10.41520
-4.000	.10582	-.03587	-.23803	-.00024	10.20225	-.00691	10 41712
-2 000	.10223	-.03817	-.23370	.00066	10.20765	-.00650	10.41825
.000	.09938	-.03908	- 23192	.00025	10 20475	-.00911	10.41110
2 000	.09254	-.03908	-.22643	-.00052	10.20141	- 01413	10 39736
4.000	08748	-.04014	-.22008	- 00173	10.19768	-.01975	10.38201
GRADIENT	-.00232	-.00047	.00216	-.00021	- 00077	- 00167	-.00455

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (MJJ070)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RN/L - 2.04   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	- 12370	.03535	.29091	.00611	10 22418	-.00531	10.42890
-6.000	-.11121	.03630	.27418	.00790	10 23041	-.00371	10.43104
-4.000	-.10244	.03659	.25993	.01418	10 25223	-.00297	10.43203
-2.000	-.09472	.03688	.24516	.01845	10.26702	-.00348	10.43134
000	-.09354	.03761	.23752	.01318	10 24872	-.00587	10.42815
2 000	- 09119	03834	.23502	.00122	10 20723	-.01282	10 41884
4.000	- 09145	.03978	23667	-.01583	10 17916	-.02995	10.39592
GRADIENT	00128	00039	- 00283	-.00386	- 01030	-.00316	-.00424

LARC 8FT TPT 749 (IA93) OTSAT130+TS2   (MJJ071)   (02 JUL 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RN/L = 2 04   GRADIENT INTERVAL = -5.00/ 5.00

MACH = 975

ALPHA	CYN	CBL	CY	CHEI	ELV-LI	CHEO	ELV-LO
-8.000	-.00316	.00112	.01721	-.00772	10 19139	-.00780	10.42557
-6.000	.00030	.00040	.01251	-.00803	10.19090	-.00686	10.42682
-4 000	00510	-.00104	00397	- 00552	10.19468	-.00588	10.42813
-2.000	00589	-.00122	.00036	-.00033	10 20250	-.00577	10.42828
000	.00506	-.00159	-.00225	-.00345	10.19780	-.00847	10.42466
2 000	00393	-.00151	-.00222	-.01134	10.18592	-.01113	10.42111
4.000	.00163	-.00092	00125	-.02148	10.17068	-.01616	10.41439
GRADIENT	-.00045	- 00000	-.00040	-.00215	-.00323	-.00130	-.00173

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA02)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   -6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	10.00000	9.00000	-.03433	-.00508	-.01610	-.11277	.02986	.27134	.02446	.00435
.900	-6.000	10 00000	9.00000	-.01442	-.00141	-.01197	-.10745	.03113	.26219	.02627	.00857
.900	-4.000	10.00000	9.00000	00682	00245	-.00765	-.10289	.03251	25106	.02683	.00679
.900	-2 000	10.00000	9 00000	02839	00635	-.00365	-.10049	.03387	.24448	.02714	.00618
.900	000	10.00000	9.00000	05146	.01060	00085	-.09913	.03594	.23859	.02760	.00239
.900	2.000	10.00000	9.00000	.07748	.01526	00562	-.09745	03791	.23553	.02627	-.00723
.900	4.000	10 00000	9 00000	.09948	.01943	.00897	- 09894	03996	.23965	.01809	-.02359
	GRADIENT	00000	00000	01172	.00214	.00213	.00055	00095	- 00159	-.00092	-.00371

RUN NO.   0/ 0   RN/L = 4 09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	9 00000	- 05833	- 00850	-.01538	-.12204	.03512	.29297	.01083	.00013
.975	-6.000	10.00000	9 00000	-.03340	-.00392	-.01181	-.11063	.03548	.27602	.02071	.00232
975	-4.000	10 00000	9 00000	- 00934	.00046	- 00789	-.10115	03564	.25988	.03205	.00428
975	-2.000	10 00000	9.00000	01500	00474	- 00349	-.09418	.03654	24571	.02987	.00398
.975	000	10 00000	9.00000	03965	00917	.00054	- 09325	.03748	23840	.02084	00121
.975	2 000	10.00000	9.00000	.06539	01400	.00401	-.09053	.03812	23480	.00975	- 00610
.975	4 000	10 00000	9 00000	.08933	.01862	.00660	-.08815	.03975	.23435	-.00228	-.02466
	GRADIENT	.00000	.00000	.01239	.00228	.00182	00148	.00049	-.00310	-.00444	- 00340

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	- 04120	-.00476	-.00672	-.10762	03867	.27058	.04789	-.00365
1.150	-4.000	10.00000	9.00000	-.01419	.00008	-.00285	- 10053	.04063	.25775	.04272	-.01418
1.150	-2 000	10.00000	9.00000	.01441	.00518	.00103	-.09875	.04235	.24963	.03713	-.02508
1.150	.000	10.00000	9.00000	.04281	.01044	.00399	-.10126	.04275	.24669	.02871	- 03337
1.150	2.000	10 00000	9 00000	.06963	01536	00621	-.10233	04345	.24767	.01944	-.04091
	GRADIENT	00000	00000	01399	00255	.00151	- 00040	00044	-.00166	-.00391	-.00442

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA02)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = -6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = .0100			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	-.06869	-.00954	-.00813	-.11937	.03821	.28889	.05190	-.00372
1.205	-6.000	10 00000	9.00000	-.04387	-.00477	-.00556	-.10998	.04010	.27375	.04571	-.01281
1.205	-4.000	10 00000	9.00000	-.01650	.00046	-.00282	-.10285	.04131	.26154	.04040	-.02358
1 205	-2 000	10.00000	9.00000	.01287	.00590	00015	-.10093	.04225	25300	.03569	-.03296
1 205	.000	10.00000	9.00000	.04001	.01089	.00292	-.10420	04268	.25139	.02938	-.04040
1.205	2.000	10 00000	9.00000	.06383	.01535	.00487	-.10533	.04355	25129	02130	-.04763
1.205	4.000	10.00000	9.00000	.08441	01917	.00638	- 10239	04477	25125	.01119	-.05376
	GRADIENT	.00000	.00000	.01264	00234	.00116	-.00017	.00041	-.00111	-.00364	-.00375

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA03)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = -4.000	ELV-LI = 10.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10 000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 9.000	
SCALE = 0100			

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	9.00000	-.03430	-.00496	- 01608	-.07725	.01857	18507	.02123	.00344
.900	-6 000	10.00000	9.00000	-.01410	-.00120	- 01186	-.07192	.01957	.17564	.02299	00962
.900	-4 000	10.00000	9 00000	.00648	.00261	-.00769	-.06912	.02089	.16997	.02315	00745
900	-2.000	10.00000	9 00000	02968	00663	-.00297	-.06649	.02184	.16399	.02294	00584
.900	.000	10.00000	9.00000	05588	.01142	.00180	-.06491	02315	.15920	.02306	.00360
.900	2 000	10.00000	9.00000	.08443	.01668	.00661	-.06277	.02428	.15564	.02335	-.00636
.900	4.000	10.00000	9 00000	.10739	.02099	01003	-.06302	02501	.15713	.01624	-.02085
	GRADIENT	00000	00000	.01283	.00234	.00225	00080	00053	- 00170	-.00067	-.00344

LARC 8FT TPT '749 (IA93) OTSAT130   (MJJA03)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	0100				

BETA = -4.000 ELV-LI = 10.000
ELV-LO = 9.000 ELV-RI = 10.000
ELV-RO = 9.000

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	9.00000	-.05523	-.00801	-.01493	-.09325	.02341	.20155	.00879	-.00047
.975	-6.000	10.00000	9.00000	-.02943	-.00334	-.01105	-.07352	.02320	.18650	.01536	.00122
.975	-4.000	10.00000	9.00000	-.00524	.00112	-.00713	-.06590	.02288	.17243	.02448	.00235
.975	-2.000	10.00000	9.00000	.01959	.00553	-.00274	-.06173	.02367	.16246	.02450	.00231
.975	.000	10.00000	9.00000	.04483	.01016	.00154	-.06262	.02439	.15842	.01742	.00162
.975	2.000	10.00000	9.00000	.07311	.01543	.00513	-.06066	.02410	.15577	.00709	-.00333
.975	4.000	10.00000	9.00000	.09904	.02038	.00794	-.05687	.02448	.15349	-.00487	-.01857
	GRADIENT	.00000	.00000	.01310	.00242	.00190	.00096	.00018	-.00223	-.00381	-.00237

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	-.03506	-.00389	-.00615	-.07033	.02484	.18103	.04515	.00111
1.150	-4.000	10.00000	9.00000	-.00680	.00130	-.00240	-.06547	.02643	.17137	.03962	-.00678
1.150	-2.000	10.00000	9.00000	.02277	.00685	.00119	-.06592	.02775	.16580	.03495	-.01794
1.150	.000	10.00000	9.00000	.05201	.01234	.00403	-.07025	.02802	.16500	.02810	-.02794
1.150	2.000	10.00000	9.00000	.07904	.01721	.00630	-.07118	.02846	.16553	.01971	-.03588
	GRADIENT	.00000	.00000	.01434	.00266	.00145	-.00107	.00032	-.00092	-.00333	-.00487

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	-.06310	-.00875	-.00774	-.07798	.02513	.19407	.05028	.00069
1.205	-6.000	10.00000	9.00000	-.03647	-.00365	-.00519	-.07211	.02650	.18448	.04394	-.00688
1.205	-4.000	10.00000	9.00000	-.00701	.00202	-.00260	-.06672	.02690	.17402	.03888	-.01688
1.205	-2.000	10.00000	9.00000	.02402	.00781	.00036	-.06613	.02745	.16656	.03525	-.02626
1.205	.000	10.00000	9.00000	.05171	.01282	.00319	-.07069	.02802	.16668	.02985	-.03484
1.205	2.000	10.00000	9.00000	.07638	.01727	.00560	-.07280	.02903	.16907	.02252	-.04321
1.205	4.000	10.00000	9.00000	.09604	.02102	.00694	-.06999	.02971	.16760	.01220	-.04982
	GRADIENT	.00000	.00000	.01292	.00237	.00122	-.00066	.00036	-.00052	-.00331	-.00414

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA04)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	9.00000	-.04027	-.00587	- 01516	-.00489	.00079	.01777	.00880	-.00284
.900	-6.000	10.00000	9 00000	-.01672	-.00167	- 01038	-.00188	00005	.01297	.01047	.00577
.900	-4.000	10.00000	9.00000	.00832	00275	- 00515	.00037	-.00045	.00959	.00867	.00747
.900	-2.000	10.00000	9 00000	.03581	.00746	.00071	.00169	- 00074	.00485	.00581	.00434
.900	.000	10.00000	9 00000	.06645	01308	00578	.00254	-.00117	00081	.00694	.00143
.900	2.000	10.00000	9.00000	09868	01889	01074	.00247	-.00099	-.00007	.00710	-.00608
.900	4 000	10 00000	9.00000	.12432	.02323	.01466	.00225	- 00122	.00026	.00819	-.01572
	GRADIENT	00000	.00000	.01474	.00262	00248	00023	-.00009	-.00118	.00002	- 00284

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	9.00000	- 05015	-.00715	-.01391	- 00256	00079	.01720	-.00240	- 00149
.975	-6 000	10 00000	9 00000	-.02264	-.00220	- 00950	.00073	00002	.01285	-.00403	-.00079
.975	-4.000	10 00000	9 00000	.00449	.00268	- 00479	.00427	- 00089	.00638	00070	.00095
.975	-2.000	10 00000	9.00000	.03264	.00762	.00052	.00649	-.00144	- 00069	.00742	.00118
.975	.000	10.00000	9 00000	06211	.01301	.00540	00573	- 00180	-.00321	.00445	-.00075
.975	2 000	10 00000	9 00000	.08943	01826	.00899	.00415	- 00177	-.00242	-.00202	-.00316
975	4.000	10 00000	9 00000	.11639	02296	.01206	.00158	-.00110	00126	-.01270	-.01076
	GRADIENT	.00000	.00000	.01403	00256	.00210	-.00039	-.00004	- 00060	-.00181	-.00139

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5,00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10 00000	9.00000	-.02271	-.00184	-.00481	.00015	.00055	01139	.04053	.00190
1 150	-4.000	10 00000	9 00000	01123	.00445	- 00112	.00260	-.00017	.00626	03467	.00372
1.150	-2 000	10.00000	9 00000	04638	.01084	00251	.00321	-.00069	.00169	.03123	-.00314
1.150	.000	10 00000	9.00000	.07594	.01627	00532	00170	-.00105	-.00044	.02817	-.01474
1.150	2.000	10 00000	9.00000	10256	.02086	00829	-.00122	-.00044	00310	.02060	-.02585
	GRADIENT	00000	00000	01518	.00273	00155	-.00065	-.00006	- 00058	-.00226	-.00502

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA04)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	
SCALE	=	0100		

BETA   =   .000   ELV-LI =   10.000
ELV-LO =   9.000   ELV-RI =   10.000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	-.05267	-.00715	-.00721	-.00026	.00159	.01372	.04781	.00219
1.205	-6 000	10.00000	9.00000	-.02035	- 00100	-.00464	00183	.00122	.01039	.04182	.00120
1.205	-4.000	10 00000	9.00000	.01287	.00531	- 00220	.00390	.00047	.00592	.03655	-.00416
1 205	-2.000	10.00000	9.00000	.04522	.01115	00091	.00508	-.00019	.00080	.03332	- 01189
1 205	.000	10.00000	9 00000	.07478	.01647	.00396	.00389	-.00035	-.00174	.03086	-.02275
1.205	2.000	10.00000	9.00000	.09804	02062	.00664	00043	.00016	00208	.02544	-.03261
1.205	4.000	10.00000	9 00000	.11935	.02446	.00890	-.00098	.00029	.00425	.01699	-.04060
	GRADIENT	.00000	00000	.01329	00239	.00140	-.00072	-.00000	-.00010	-.00235	- 00460

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA05)   (18 AUG 7E)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT	XMRP = 976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP = .0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP = 400 0000 IN. ZT	
SCALE	=	.0100		

BETA   =   4.000   ELV-LI =   10 000
ELV-LO =   9.000   ELV-RI =   10 000
ELV-RO =   9.000

RUN NO.   0/ 0   RN/L = 3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
900	-8.000	10.00000	9.00000	-.03615	-.00522	-.01310	.06668	-.01614	-.14452	-.00505	-.00645
.900	-6 000	10.00000	9 00000	-.00953	-.00062	-.00719	.06481	-.01856	-.14279	-.00400	-.00030
900	-4 000	10 00000	9.00000	.01965	00464	-.00140	.06331	-.02073	-.14067	-.00410	.00219
S00	-2.000	10.00000	9.00000	.04898	.00997	.00405	.06362	-.02252	-.14557	-.00539	.00187
.900	.000	10.00000	9 00000	07966	.01562	.00885	06331	-.02400	-.14666	-.00615	-.00010
.900	2 000	10 00000	9 00000	11095	.02111	.01368	06261	-.02480	-.14585	-.00703	-.00370
.900	4.000	10.00000	9.00000	.13657	.02525	.01733	06267	- 02563	-.14590	-.00663	- 01014
	GRADIENT	00000	.00000	.01479	.00262	.00235	-.00011	-.00060	- 00054	-.00034	- 00151

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA05)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP =	400 0000 IN. ZT		ELV-RO =	9.000	
SCALE = .0100						

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	9.00000	-.04050	-.00553	-.01239	.07361	-.01948	-.15897	-.01323	-.00266
.975	-6.000	10.00000	9.00000	-.01103	-.00024	-.00736	.07153	-.02146	-.15557	-.01569	-.00250
.975	-4.000	10.00000	9.00000	.01917	.00516	-.00207	.07011	-.02349	-.15353	-.01667	-.00177
.975	-2 000	10.00000	9.00000	.05029	.01086	.00304	.07006	-.02563	-.15541	-.01536	-.00184
.975	000	10 00000	9 00000	.08117	.01660	.00749	.07007	-.02703	-.15734	-.01212	-.00335
.975	2.000	10.00000	9 00000	.11011	.02153	.01218	.06540	-.02646	-.15277	-.01469	-.00794
.975	4 000	10.00000	9 00000	.13731	.02629	.01500	.05750	-.02555	-.14416	-.01970	-.01617
	GRADIENT	.00000	.00000	.01481	.00265	.00216	-.00149	-.00025	.00107	-.00027	-.00174

RUN NO.   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	-.00545	.00124	-.00510	.06810	-.02152	-.15110	.02827	-.00087
1.150	-4.000	10.00000	9.00000	.03206	.00804	-.00133	.06858	-.02494	-.15192	.02444	.00325
1.150	-2.000	10.00000	9 00000	.06479	.01397	.00208	.06990	-.02747	-.15491	.02003	.00562
1.150	000	10.00000	9.00000	.09380	.01919	.00522	.07074	-.02852	-.15821	.01344	-.00142
1.150	2.000	10 00000	9 00000	.11944	.02376	.00828	.06946	-.02842	-.15608	.00705	-.01269
	GRADIENT	00000	00000	.01456	00262	00160	.00017	-.00057	-.00079	-.00294	-.00274

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8 000	10.00000	9 00000	-.04298	-.00501	-.01069	.07242	-.01930	-.15692	.03786	-.00089
1.205	-6 000	10 00000	9 00000	-.00673	.00159	-.00756	.07197	-.02214	-.15577	.03390	.00109
1.205	-4 000	10.00000	9.00000	.02834	.00800	-.00434	.07133	-.02461	-.15498	.03046	.00404
1 205	-2.000	10.00000	9.00000	.05991	.01368	-.00091	.07185	-.02659	-.15659	.02736	.00066
1.205	000	10 00000	9.00000	.08913	.01880	.00285	.07314	-.02788	-.16045	.02281	-.00893
1.205	2.000	10 00000	9 00000	.11326	.02315	.00596	.07302	-.02837	-.16091	.01654	-.02004
1.205	4.000	10 00000	9 00000	.13500	.02696	.00860	.06962	-.02857	-.15747	.00941	-.02976
	GRADIENT	.00000	.00000	.01333	00237	00164	-.00011	-.00049	-.00047	-.00265	-.00442

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LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA06)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   = 6.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO = 9.000   ELV-RI = 10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	9 00000	-.03536	-.00502	-.01223	.10164	-.02628	-.22342	-.00769	-.00721
.900	-6.000	10.00000	9.00000	-.00856	-.00039	-.00633	.09982	-.02894	-.22195	-.00646	- 00165
.900	-4.000	10.00000	9.00000	.02163	00505	- 00055	09859	- 03185	-.22108	-.00729	.00026
.900	-2.000	10.00000	9 00000	.05252	01070	.00504	.09841	-.03417	-.22353	-.00814	.00045
.900	.000	10 00000	9.00000	.08462	01663	00997	.09741	-.03627	-.22357	-.00952	-.00108
.900	2.000	10.00000	9 00000	11595	.02197	01499	09516	- 03808	-.22126	- 01005	-.00409
.900	4 000	10.00000	9.00000	.13850	02538	.01784	.09532	- 03896	- 22057	- 00937	-.00838
	GRADIENT	.00000	.00000	.01486	.00260	00234	-.00049	- 00091	00016	-.00030	-.00109

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	9 00000	- 03851	- 00510	- 01197	.11419	-.03078	-.24897	-.01792	- 00338
.975	-6.000	10 00000	9.00000	-.00727	.00044	-.00658	.10940	- 03308	- 24239	-.02122	-.00375
.975	-4 000	10 00000	9.00000	.02589	.00633	-.00099	.10498	- 03569	-.23683	-.02196	-.00345
975	-2 000	10.00000	9 00000	.05858	.01235	.00414	.10192	- 03811	-.23348	- 01959	-.00315
.975	000	10.00000	9 00000	.08903	.01799	00851	.13011	- 03954	- 23317	-.01528	- 00493
.975	2.000	10.00000	9 00000	.11829	.02284	.01318	.09320	-.03925	- 22621	-.01561	-.01064
.975	4.000	10 00000	9.00000	.14663	.02770	.01602	08670	-.03978	-.21864	-.01786	-.01685
	GRADIENT	.00000	00000	.01506	.00266	.00215	-.00226	- 00047	.00218	00061	-.00171

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	.00237	.00260	-.00570	.10366	- 03366	-.23499	.02418	-.00157
1.150	-4.000	10 00000	9.00000	.04019	.00937	- 00202	.10107	-.03761	-.23256	.02055	00162
1.150	-2.000	10 00000	9.00000	07204	.01523	.00127	.10002	-.04064	-.23199	.01629	00548
1.150	.000	10.00000	9.00000	.10167	02043	.00488	.10075	-.04201	-.23414	.00945	00227
1.150	2.000	10.00000	9.00000	.12835	.02506	.00818	.09935	- 04236	-.23368	.00234	- 00723
	GRADIENT	.00000	.00000	.01471	.00261	.00171	-.00022	- 00078	-.00028	-.00307	-.00149

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA06)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	-.03877	-.00408	-.01210	.11091	-.03102	-.24595	.03401	-.00133
1.205	-6.000	10.00000	9.00000	-.00107	.00258	-.00867	.10774	-.03476	-.24077	.03041	-.00036
1.205	-4.000	10.00000	9.00000	.03439	.00900	-.00537	.10556	-.03793	-.23829	.02637	.00427
1.205	-2.000	10.00000	9.00000	.06523	.01456	-.00203	.10417	-.04014	-.23718	.02206	.00456
1.205	.000	10.00000	9.00000	.09520	.01977	.00193	.10475	-.04157	-.23911	.01675	-.00330
1.205	2.000	10.00000	9.00000	.12086	.02422	.00538	.10448	-.04245	-.24014	.01042	-.01364
1.205	4.000	10.00000	9.00000	.14273	.02799	.00821	.10094	-.04317	-.23678	.00488	-.02391
GRADIENT		.00000	.00000	.01362	.00239	.00173	-.00045	-.00064	.00000	-.00273	-.00373

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA07)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	4.00000	-.06462	-.00880	-.01887	-.11605	.03141	.27391	.02938	.01113
.900	-6.000	10.00000	4.00000	-.04274	-.00474	-.01486	-.11015	.03233	.26383	.03032	.01422
.900	-4.000	10.00000	4.00000	-.02318	-.00106	-.01092	-.10514	.03330	.25254	.03000	.01475
.900	-2.000	10.00000	4.00000	-.00255	.00270	-.00668	-.10448	.03519	.24912	.02935	.01619
.900	.000	10.00000	4.00000	.02022	.00660	-.00156	-.10222	.03682	.24128	.03026	.01533
.900	2.000	10.00000	4.00000	.04347	.01054	.00363	-.10080	.03830	.23926	.03031	.00626
.900	4.000	10.00000	4.00000	.06401	.01440	.00703	-.10233	.04096	.24279	.02428	-.00783
GRADIENT		.00000	.00000	.01102	.00194	.00231	.00046	.00092	-.00147	-.00052	-.00276

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA07)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000		

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	4.00000	-.08891	-.01280	-.01717	-.12249	.03604	.29207	.01165	.02575
.975	-6.000	10.00000	4.00000	-.06462	-.00832	-.01350	-.11227	.03685	.27668	.01860	.02710
.975	-4.000	10.00000	4.00000	-.03898	-.00384	-.00896	-.10346	.03740	.26226	.03055	.02854
.975	-2.000	10.00000	4.00000	-.01444	.00051	-.00474	-.09637	.03814	.24843	.03364	.02795
.975	.000	10.00000	4.00000	.00981	.00473	-.00051	-.09630	.03949	.24061	.02707	.02162
.975	2.000	10.00000	4.00000	.03444	.00937	.00294	-.09386	.04048	.23799	.01831	.01251
.975	4.000	10.00000	4.00000	.05832	.01396	.00572	-.09125	.04157	.23643	.01279	.00243
	GRADIENT	.00000	.00000	.01217	.00222	.00185	.00135	.00053	-.00310	-.00254	-.00338

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	4.00000	-.05691	-.00751	-.00616	-.10821	.03943	.27073	.05242	.02011
1.150	-4.000	10.00000	4.00000	-.03092	-.00278	-.00242	-.10027	.04123	.25646	.04795	.00865
1.150	-2.000	10.00000	4.00000	-.00390	.00219	.00115	-.09839	.04300	.24850	.04264	-.00333
1.150	.000	10.00000	4.00000	.02394	.00736	.00397	-.10210	.04400	.24831	.03415	-.01346
1.150	2.000	10.00000	4.00000	.05089	.01242	.00595	-.10362	.04477	.24905	.02459	-.02237
	GRADIENT	.00000	.00000	.01366	.00254	.00140	-.00069	.00058	-.00112	-.00393	-.00516

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	-.07717	-.01166	-.00709	-.11957	.03865	.28872	.05548	.01838
1.205	-6.000	10.00000	4.00000	-.05240	-.00695	-.00439	-.11039	.04088	.27424	.04948	.00766
1.205	-4.000	10.00000	4.00000	-.02550	-.00186	-.00156	-.10325	.04226	.26268	.04415	-.00344
1.205	-2.000	10.00000	4.00000	.00322	.00350	.00130	-.10112	.04312	.25350	.03933	-.01326
1.205	.000	10.00000	4.00000	.03050	.00860	.00400	-.10506	.04369	.25189	.03292	-.02228
1.205	2.000	10.00000	4.00000	.05439	.01311	.00576	-.10604	.04438	.25208	.02502	-.03022
1.205	4.000	10.00000	4.00000	.07573	.01706	.00735	-.10345	.04558	.25228	.01420	-.03682
	GRADIENT	.00000	.00000	.01268	.00237	.00111	-.00027	.00040	-.00111	-.00371	-.00419

LARC 8FT TPT '/49 (IA93) OTSAT130   (MJJA08) ~ (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	10.000
ELV-LO	=	4.000	ELV-RI	=	10.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	4.00000	-.06599	-.00880	-.01910	-.08017	.01996	.18692	.02779	.00987
.900	-6.000	10.00000	4.00000	-.04313	-.00462	-.01493	-.07427	.02071	.17738	.02822	.01421
.900	-4.000	10.00000	4.00000	-.02274	-.00089	-.01054	-.07022	.02147	.16935	.02792	.01530
.900	-2.000	10.00000	4.00000	-.00177	.00292	-.00596	-.06938	.02290	.16594	.02788	.01655
.900	.000	10.00000	4.00000	.02385	00728	-.00041	-06868	.02481	.16235	.02814	.01594
.900	2.000	10.00000	4.00000	04916	.01160	00521	-.06675	.02552	.15824	.02914	.01264
.900	4.000	10.00000	4.00000	.06952	.01557	00800	-.06661	.02655	.16014	.02322	-.00326
	GRADIENT	.00000	.00000	.01177	.00208	00241	00049	.00064	-.00131	-.00041	-.00205

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8 000	10.00000	4.00000	-.08565	-.01228	-.01657	-.08249	.02411	.19837	.01011	02535
.975	-6 000	10 00000	4.00000	-06157	-.00782	-01304	-07441	.02460	.18734	.01326	.02683
.975	-4.000	10.00000	4 00000	-.03626	-.00338	-.00866	-.06759	.02469	.17539	.02263	.02838
.975	-2.000	10.00000	4 00000	-.01154	.00108	-.00431	-06289	.02500	.16271	.02764	.02876
.975	.000	10.00000	4 00000	.01416	.00574	.00026	-.06432	.02586	.15816	.02390	.02535
.975	2.000	10 00000	4 00000	.04065	.01079	.00385	-.06266	.02603	.15622	.01372	.01610
.975	4.000	10 00000	4 00000	.06655	.01570	.00662	-.05904	02632	.15393	00655	.00652
	GRADIENT	00000	00000	.01289	.00239	00194	.00087	.00021	-.00247	-.00230	-.00282

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	10.00000	4 00030	-.05069	-00663	-.00544	-.07070	.02545	.18031	.04863	02659
1.150	-4.000	10.00000	4.00000	-.02284	-.00153	-.00159	-06511	.02693	.16983	.04397	.01762
1.150	-2.000	10.00000	4.00000	.00640	.00396	00191	-.06572	.02836	.16466	.04003	.00554
1.150	.000	10.00000	4 00000	.03590	.00948	00463	-.07075	.02893	.16493	.03337	-.00617
1.150	2.000	10 00000	4.00000	.06247	.01442	00660	-.07220	.02963	.16679	.02445	-.01646
	GRADIENT	00000	.00000	.01427	00267	.00136	-.00131	.00043	-.00044	-.00326	-.00570

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA08)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = -4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000	
SCALE = .0100			

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	-.07211	-.01092	-.00685	-.07796	.02546	.19343	.05276	.02428
1.205	-6.000	10.00000	4.00000	-.04530	-.00587	-.00416	-.07197	02697	.18364	.04695	.01548
1.205	-4.000	10.00000	4.00000	-.01573	-.00026	-.00134	-.06674	.02758	.17332	.04242	.00470
1.205	-2.000	10.00000	4.00000	01516	00550	00173	-.06626	02816	.16599	.03900	-.00564
1.205	.000	10.00000	4 00000	04343	.01069	00446	-.07126	02880	16688	.03358	-.01551
1.205	2.000	10.00000	4.00000	06717	.01514	00632	-.07322	02962	.16911	.02636	-.02520
1.205	4.000	10.00000	4.00000	08729	.01896	.00771	-.07080	.03042	.16859	.01644	-.03241
	GRADIENT	.00000	00000	01290	.00240	.00113	-.00075	00036	-.00032	-.00323	-.00469

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA09)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN XT	BETA = 000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4 000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000	
SCALE = .0100			

RUN NO   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	4.00000	-.07054	-.00962	-.01774	-.00784	.00214	02011	.01711	.00571
.900	-6.000	10.00000	4 00000	-.04508	-.00512	-.01271	-.00379	.00111	01342	.01722	01213
.900	-4.000	10.00000	4 00000	-.02109	-.00090	-.00763	-.00100	.00049	.00984	.01559	.01591
.900	-2.000	10 00000	4.00000	00663	00383	-00175	-00050	00037	.00724	.01557	.01787
.900	.000	10.00000	4.00000	03151	.00832	.00351	00029	00005	.00253	.01733	.01884
.900	2 000	10 00000	4.00000	.05881	.01286	.00955	.00131	00024	-.00146	01873	.01742
.900	4.000	10 00000	4 00000	08155	.01685	.01259	00084	00073	.00055	.02005	.00734
	GRADIENT	.00000	.00000	.01287	.00223	.00259	.00027	.00002	-00136	.00060	-.00088

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA09)   (18 AUG 76)

REFERENCE DATA				PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	4.00000	-.07842	-.01132	-.01495	-.00519	.00213	.01959	.00070	.02462
.975	-6.000	10.00000	4.00000	-.05092	-.00643	-.01032	-.00183	.00146	.01436	-.00292	.02604
.975	-4.000	10.00000	4.00000	-.02466	-.00176	-.00561	.00230	.00053	.00614	-.00058	.02868
975	-2.000	10.00000	4.00000	.00162	.00294	-.00076	.00447	.00001	-.00005	.00786	.03001
.975	.000	10.00000	4.00000	.03001	00820	00380	.00380	-.00036	-.00194	.00756	.02877
.975	2 000	10.00000	4.00000	.05905	01382	.00752	.00299	-.00069	-.00289	.00416	.02462
.975	4 000	10 00000	4.00000	08468	.01859	01042	-.00058	.00052	.00291	-.00394	.01402
	GRADIENT	00000	00000	.01381	00258	00202	-.00036	-.00004	-.00047	-.00052	-.00173

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	4 00000	-.03981	-.00475	-.00414	-.00031	.00107	01071	.04346	.02900
1.150	-4 000	10 00000	4 00000	-.00609	.00150	-.00057	.00152	.00063	00687	03799	.03130
1.150	-2.000	10 00000	4.00000	02864	.00788	00270	.00191	.00020	.00317	.03481	.02313
1.150	000	10.00000	4 00000	05948	.01350	.00588	.00069	-.00028	.00005	.03232	.00972
1.150	2.000	10.00000	4 00000	.08518	.01811	.00829	-.00199	.00033	.00355	.02574	-.00431
	GRADIENT	.00000	.00000	.01523	.00277	.00149	-00059	-.00007	-.00065	-.00196	-.00601

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	-.06012	-.00921	-.00585	-.00137	.00226	.01465	.05004	.02732
1.205	-6.000	10.00000	4 00000	-.02882	-.00322	-.00329	.00063	.00186	.01186	.04449	02611
1.205	-4.000	10.00000	4.00C00	.00381	00305	-.00101	.00336	.00099	.00649	.03977	.02011
1.205	-2 000	10.00000	4.00000	.03707	00911	.00193	.00499	.00017	.00031	03698	.01094
1.205	.000	10.00000	4.00000	.06701	.01444	.00509	.00341	-.00000	-.00142	.03480	-.00118
1 205	2 000	10 00000	4.00000	.09121	.01879	.00778	00017	.00052	.00208	.02941	-01289
1 205	4 000	10 00000	4 00000	.11123	.02255	.00953	-00179	.00092	00527	.02107	-.02273
	GRADIENT	.00000	00000	.01345	.00243	00135	-.00076	.00001	-00003	-.002251	-.00548

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJAIOI (18 AUG 76)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	4.000
LREF	=	1290.3000 INCHES	YMPP =	.0000 IN. YT	ELV-LO =	4.000
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000
SCALE	=	.0100				

ELV-LI =	10.000
ELV-RI =	10.000

RUN NO. 0/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	4.00000	-.06587	-.00896	-.01579	.06532	-.01492	-.14505	.00131	-.00276
.900	-6.000	10.00000	4.00000	-.03887	-.00417	-.01020	.06427	-.01770	-.14393	.00290	.00618
.900	-4.000	10.00000	4.00000	-.01080	.00076	-.00416	.06186	-.01958	-.13973	.00333	.01458
.900	-2.000	10.00000	4.00000	.01730	.00569	.00172	.06202	-.02137	-.14483	.00201	.01721
.900	.000	10.00000	4.00000	.04349	.01048	.00697	.06166	-.02267	-.14605	.00248	.01835
.900	2.000	10.00000	4.00000	.07068	.01495	.01223	.05999	-.02266	-.14387	.00245	.01758
.900	4.000	10.00000	4.00000	.09224	.01835	.01458	.06293	-.02401	-.14789	.00212	.01079
	GRADIENT	.00000	.00000	.01297	.00222	.00240	.00001	-.00051	-.00077	-.00010	-.00036

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	4.00000	-.06928	-.00996	-.01344	.07201	-.01774	-.15789	-.01149	.02080
.975	-6.000	10.00000	4.00000	-.03876	-.00460	-.00809	.06965	-.01985	-.15459	-.01322	.02146
.975	-4.000	10.00000	4.00000	-.01016	.00061	-.00311	.06875	-.02199	-.15392	-.01399	.02409
.975	-2.000	10.00000	4.00000	.02008	.00615	.00191	.06791	-.02374	-.15430	-.01190	.02568
.975	.000	10.00000	4.00000	.05111	.01206	.00635	.06650	-.02504	-.15263	-.00735	.02497
.975	2.000	10.00000	4.00000	.07864	.01728	.00989	.06305	-.02522	-.15028	-.00679	.02090
.975	4.000	10.00000	4.00000	.10617	.02189	.01405	.05637	-.02424	-.14352	-.00952	.01523
	GRADIENT	.00000	.00000	.01456	.00268	.00212	-.00148	-.00030	.00124	.00069	-.00113

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	4.00000	-.02148	-.00164	-.00434	.06724	-.02065	-.15082	.03021	.02560
1.150	-4.000	10.00000	4.00000	.01520	.00510	-.00080	.06754	-.02416	-.15135	.02697	.03082
1.150	-2.000	10.00000	4.00000	.04775	.01115	.00243	.06886	-.02693	-.15399	.02285	.03381
1.150	.000	10.00000	4.00000	.07732	.01656	.00538	.07019	-.02824	-.15826	.01653	.02578
1.150	2.000	10.00000	4.00000	.10279	.02116	.00819	.06895	-.02795	-.15581	.01063	.01254
	GRADIENT	.00000	.00000	.01462	.00268	.00150	.00028	-.00063	-.00088	-.00277	-.00314

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA10)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

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SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT          BETA   =    4.000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT          ELV-LO =    4.000   ELV-RI =   10.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT          ELV-RO =    4.000
SCALE =      .0100
```

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	-.04974	-.00706	-.00891	.07185	-.01871	-.15637	.03872	.02347
1.205	-6.000	10.00000	4.00000	-.01382	-.00036	-.00620	.07147	-.02180	-.15501	.03538	.02610
1.205	-4.000	10.00000	4.00000	.02147	.00612	-.00319	.07092	-.02450	-.15457	.03256	.03028
1.205	-2.000	10.00000	4.00000	.05281	.01182	.00027	.07128	-.02647	-.15639	.02966	.02673
1.205	.000	10.00000	4.00000	.08058	.01698	.00341	.07309	-.02786	-.16098	.02542	.01535
1.205	2.000	10.00000	4.00000	.10571	.02141	.00648	.07360	-.02852	-.16247	.02016	.00284
1.205	4.000	10.00000	4.00000	.12816	.02536	.00913	.06982	-.02855	-.15817	.01339	-.00939
	GRADIENT	.00000	.00000	.01331	.00240	.00154	.00001	-.00051	-.00066	-.00239	-.00516

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA11)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT          BETA   =    6.000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =     0000 IN. YT           ELV-LO =    4.000   ELV-RI =   10.000
BREF  =  1290 3000 INCHES   ZMRP  =   400.0000 IN. ZT          ELV-RO =    4.000
SCALE =      .0100
```

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	10.00000	4.00000	-.06614	-.00883	-.01540	.10123	-.02512	-.22453	-.00203	-.00284
.900	-6.000	10.00000	4.00000	-.03830	-.00402	-.00960	.10010	-.02823	-.22400	-.00026	.00617
.900	-4.000	10.00000	4.00000	-.00901	.00112	-.00347	.09842	-.03113	-.22236	-.00062	.01392
.900	-2.000	10.00000	4.00000	.02085	.00636	.00292	.09704	-.03297	-.22266	-.00135	.01611
.900	.000	10.00000	4.00000	.04981	.01146	.00866	.09649	-.03494	-.22342	-.00148	.01767
.900	2.000	10.00000	4.00000	.07439	.01564	.01320	.09387	-.03606	-.21996	-.00173	.01695
.900	4.000	10.00000	4.00000	.09624	.01904	.01527	.09527	-.03754	-.22187	-.00174	.01148
	GRADIENT	.00000	.00000	.01320	.00226	.00239	-.00047	-.00079	.00018	-.00013	-.00020

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA11) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT	BETA = 6.000 ELV-LI = 0.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = .0100		

RUN NO. 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	10.00000	4.00000	-.06739	-.00950	-.01307	.11213	-.02899	-.24732	-.01649	.02077
.975	-6.000	10 00000	4.00000	-.03641	-.00402	-.00758	.10787	-.03142	-.24159	-.01873	.02073
.975	-4.000	10.00000	4.00000	-.00533	.00157	-.00233	.10408	-.03412	-.23687	-.01861	.02218
975	-2.000	10.00000	4 00000	.02781	.00765	00267	.10031	-.03636	-.23232	-.01541	.02284
.975	.000	10.00000	4.00000	.06004	.01388	.00682	.09773	-.03817	-.22967	-.01002	.02201
.975	2.000	10 00000	4.00000	08702	01876	01071	.09185	-.03831	-.22492	-.00792	.01900
.975	4.000	10.00000	4.00000	11408	02319	01503	08579	-.03863	-.21838	-.00770	.01518
	GRADIENT	.00000	00000	01490	00272	00214	-.00225	-00055	.00222	.00147	-.00089

RUN NO 0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10 00000	4 00000	-01370	-.00017	-.00524	.10308	-.03296	-.23489	.02600	.02496
1.150	-4.000	10.00000	4.00000	02396	.00663	-.00173	.10032	-.03700	-.23214	.02284	.02861
1.150	-2.000	10.00000	4 00000	.05542	.01251	.00147	.09940	-04020	-.23158	.01883	.03325
1.150	000	10 00000	4.00000	08528	.01789	.00478	.10014	-.04174	-.23364	.01233	.03080
1 150	2.000	10 00000	4.00000	.11227	.02263	00791	09894	-04198	-.23284	.00551	.01960
	GRADIENT	.00000	00000	01474	.00267	.00161	-00017	-00082	-.00021	-.00293	-.00147

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	-.04583	-.00604	-.01064	11055	-.03058	-.24576	.03465	.02310
1.205	-6 000	10.00000	4.00000	-.00825	.00070	-.00745	.10728	-.03445	-.24008	.03169	.02446
1 205	-4 000	10 00000	4.00000	.02713	.00715	-.00436	.10510	-.03785	-.23750	.02835	.03018
1.205	-2.000	10.00000	4.00000	05827	.01282	-.00111	.10389	-.04029	-.23692	.02425	.03094
1.205	.000	10.00000	4.00000	.08758	.01802	.00263	.10439	-.04147	-.23872	.01933	.02220
1 205	2.000	10.00000	4 00000	.11371	.02257	.00592	.10474	-.04243	-.24059	.01348	01032
1.205	4 000	10 00000	4.00000	.13621	.02643	00885	10122	-.04315	-.23744	.00846	-.00206
	GRADIENT	00000	.00000	01368	.00242	00167	-.00035	-.00064	-00018	-.00253	-.00426

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA12)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	10.000
ELV-LO	=	14.000	ELV-RI	=	10.000
ELV-RO	=	14.000			

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03242	-.00399	-.01821	-.11257	.03034	.27005	.01594	-.01308
-6.000	10.00000	14.00000	-.01286	-.00032	-.01415	-.10804	.03205	.26243	.01746	-.01221
-4.000	10.00000	14.00000	.00802	.00356	-.01004	-.10347	.03333	.25213	.01797	-.01615
-2.000	10.00000	14.00000	.02966	.00752	-.00601	-.10054	.03473	.24433	.01818	-.01793
.000	10.00000	14.00000	.05350	.01202	-.00179	-.09832	.03687	.23729	.01657	-.02140
2.000	10.00000	14.00000	.07982	.01681	.00265	-.09570	.03893	.23233	.01555	-.02892
4.000	10.00000	14.00000	.10348	.02127	.00610	-.09755	.04092	.23717	.01094	-.04169
GRADIENT	.00000	.00000	.01205	.00224	.00205	.00083	.00097	-.00210	-.00083	-.00310

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.05655	-.00719	-.01796	-.12247	.03578	.29256	.01193	-.02691
-6.000	10.00000	14.00000	-.03139	-.00254	-.01446	-.11095	.03608	.27538	.01895	-.02395
-4.000	10.00000	14.00000	-.00657	.00196	-.01053	-.10141	.03521	.25913	.02264	-.02204
-2.000	10.00000	14.00000	.01850	.00631	-.00602	-.09460	.03724	.24556	.01311	-.02339
.000	10.00000	14.00000	.04310	.01082	-.00209	-.09364	.03818	.23813	-.00176	-.02690
2.000	10.00000	14.00000	.06949	.01576	.00120	-.09138	.03922	.23526	-.01616	-.03974
4.000	10.00000	14.00000	.09382	.02044	.00388	-.08862	.04107	.23399	-.02354	-.05746
GRADIENT	.00000	.00000	.01259	.00232	.00180	.00144	.00058	-.00303	-.00608	-.00436

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJAI3)   (18 AUG 76)

REFERENCE DATA		PARAMETRIC DATA	

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000

LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10 000

BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000

SCALE =   .0100

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03247	-.00386	-.01830	-.07777	.01901	.18432	.01087	-.01475
-6.000	10.00000	14.00000	-.01237	-.00009	-.01418	-.07251	.02037	.17569	.01219	-.01252
-4.000	10.00000	14.00000	.00951	.00386	-.01011	-.06936	.02150	.16978	.01207	-.01690
-2.000	10.00000	14.00000	.03189	.00801	-.00541	-.06713	.02264	.16358	.01190	-.01965
.000	10.00000	14 00000	.05920	.01302	-.00088	-.06466	.02400	.15657	.01059	-.02228
2.000	10.00000	14 00000	.08769	.01842	.00354	-.06163	.02510	.15240	.00964	-.03008
4 000	10.00000	14 00000	.11265	.02299	00728	-.06266	02618	.15628	.00699	-.03985
GRADIENT	.00000	.00000	.01320	00243	00219	00094	00059	- 00191	-.00062	-.00282

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14 00000	-.05349	-.00669	-.01749	-.08333	.02392	.20007	.00993	- 02803
-6.000	10 00000	14.00000	-.02777	- 00201	-.01377	- 07332	.02366	.18472	.01456	-.02637
-4.000	10.00000	14.00000	-.00262	00261	-.00983	-.06611	.02343	.17138	.01694	-.02537
-2 000	10.00000	14.00000	.02323	.00712	-.00524	- 06262	.02448	.16284	.01002	-.02558
.000	10.00000	14.00000	.04900	.01189	-.00108	-.06382	.02529	.15941	- 00451	-.02782
2.000	10.00000	14 00000	.07711	.01727	.00200	-.06191	.02519	15560	- 01977	- 03684
4.000	10.00000	14.00000	.10418	.02235	.00503	-.05810	.02590	.15315	-.02880	-.05274
GRADIENT	.00000	00000	.01337	.00248	.00185	.00084	00028	-.00219	-.00606	-.00330

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJAI4)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE =	.0100		

BETA =	.000	ELV-LI =	10.000
ELV-LO =	14.000	ELV-RI =	10.000
ELV-RO =	14.000	

RN/L = 3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03934	-.00483	-.01800	-.00490	.00125	.01644	-.00257	-.02163
-6.000	10.00000	14.00000	-.01457	-.00044	-.01310	-.00158	.00063	.01110	-.00188	-.01771
-4.000	10.00000	14.00000	.01172	.00422	-.00779	.00098	.00028	.00728	-.00413	-.01930
-2.000	10.00000	14.00000	.03929	.00899	-.00217	.00166	.00033	.00338	-.00757	-.02348
.000	10 00000	14 00000	.07134	.01495	.00270	.00222	-.00014	.00048	-.00729	-.02764
2.000	10.00000	14 00000	.10356	.02098	.00729	.00267	-.00013	-.00226	-.00841	-.03345
4 000	10.00000	14 00000	.13053	.02551	.01171	.00225	-.00014	-.00106	-.00622	-.03882
GRADIENT	.00000	.00000	.01510	.00273	.00242	.00018	-.00007	-.00112	-.00025	-.00245

RN/L = 4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	10 00000	14 00000	-.04806	-.00580	-.01642	-.00302	.00135	.01689	-.00308	-.03039
-6 000	10 00000	14 00C00	-.02028	-.00078	-.01206	.00012	.00065	.01270	-.00191	-.03040
-4 000	10.00000	14.00000	.00777	.00423	-.00724	.00369	-.00023	.00574	.00034	-.03002
-2.000	10 00000	14.00000	.03622	.00926	-.00199	.00557	-.00067	-.00088	-.00246	-.03005
.000	10.00000	14.00000	.06494	.01458	.00260	.00374	-.00079	-.00087	-.01196	-.03120
2.000	10.00000	14.00000	.09366	.01991	.00617	.00244	-.00063	-.00115	-.02528	-.03522
4.000	10.00000	14.00000	.12064	.02469	.00899	.00031	.00022	.00151	-.03974	-.04674
GRADIENT	.00000	.00000	.01416	.00258	.00203	-.00049	.00005	-.00044	-.00515	-.00193

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJAI5)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03537	-.00428	-.01559	.06618	-.01517	-.14456	-.01383	-.02362
-6.000	10.00000	14.00000	- 00898	.00032	-.01008	.06466	-.01740	-.14289	-.01327	-.02181
-4.000	10.00000	14 00000	.02150	.00576	-.00447	.06384	-.01961	-.14172	-.01400	-.02282
-2.000	10.00000	14.00000	05304	.01155	00121	.06440	-.02163	-.14754	-.01518	-.02490
.000	10.00000	14.00000	.08514	.01757	00585	06354	-.02313	-.14755	-.01563	-.02888
2.000	10.00000	14 00000	11742	.02333	.01056	06122	-.02367	-.14494	-.01703	-.03264
4.000	10.00000	14.00000	14372	02769	.01453	06104	- 02456	-.14514	- 01675	- 03669
GRADIENT	00000	00000	.01544	00278	.00237	- 00044	-.00060	- 00021	-.00037	-.00178

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	10.00000	14.00000	-.03791	-.00416	-.01483	07388	-.01900	-.16018	-.01919	-.03092
-6.000	10.00000	14 00000	-.00785	.00124	-.00981	.07148	-.02089	-.15630	- 02309	-.03038
-4.000	10 00000	14 00000	02237	.00667	-.00460	.06976	-.02270	-.15363	-.02595	-.03006
-2.000	10.00000	14 00000	05249	.01230	.00030	.06950	-.02459	-.15499	-.02769	-.03195
.000	10.00000	14.00000	.08392	.01816	.00485	.06879	-.02581	-.15631	-.02783	-.03641
2.000	10.00000	14.00000	.11447	.02318	.00960	.06429	-.02511	- 15265	-.03289	-.04597
4.000	10.00000	14.00000	.14215	.02809	.01215	.05669	-.02433	- 14431	-.03815	-.05549
GRADIENT	00000	.00000	.01508	.00269	.00214	- 00157	-.00019	.00105	-.00148	-.00324

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA16)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03454	-.00416	-.01471	.10136	-.02523	-.22403	-.01621	-.02437
-6.000	10.00000	14.00000	-.00762	.00059	-.00910	.09930	-.02772	-.22184	-.01523	-.02260
-4.000	10.00000	14.00000	.02367	.00625	-.00347	.09773	-.03047	-.22005	-.01598	-.02363
-2.000	10.00000	14.00000	.05659	.01232	.00213	.09840	-.03314	-.22421	-.01611	-.02499
.000	10.00000	14.00000	.09019	.01861	.00694	.09739	-.03547	-.22433	-.01729	-.02852
2.000	10.00000	14.00000	.12252	.02423	.01193	.09350	-.03705	-.21971	-.01805	-.03177
4.000	10.00000	14.00000	.14625	.02801	.01545	.09360	-.03830	-.21994	-.01766	-.03508
GRADIENT	.00000	.00000	.01556	.00277	.00238	-.00066	-.00098	.00024	-.00027	-.00148

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	10.00000	14.00000	-.03564	-.00367	-.01446	.11449	-.03027	-.25047	-.02432	-.03293
-6.000	10.00000	14.00000	-.00393	.00197	-.00900	.10916	-.03235	-.24279	-.02953	-.03251
-4.000	10.00000	14.00000	.02894	.00786	-.00346	.10451	-.03484	-.23650	-.03219	-.03145
-2.000	10.00000	14.00000	.06115	.01384	.00147	.10184	-.03731	-.23437	-.03248	-.03350
.000	10.00000	14.00000	.09200	.01949	.00598	.09890	-.03823	-.23264	-.03076	-.03990
2.000	10.00000	14.00000	.12262	.02456	.01044	.09177	-.03789	-.22573	-.03178	-.04777
4.000	10.00000	14.00000	.15116	.02958	.01296	.08500	-.03841	-.21769	-.03445	-.05484
GRADIENT	.00000	.00000	.01530	.00271	.00209	-.00245	-.00039	.00231	-.00019	-.00305

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA17)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	-5.00000	-.07266	-.01097	-.00424	-.10739	.03924	.27036	.06138	.06633
1.150	-4.000	10.00000	-5.00000	-.04698	-.00623	-.00069	-.09978	.04148	.25709	.05568	.05085
1.150	-2.000	10.00000	-5.00000	-.02010	-.00128	.00275	-.09768	04328	.24868	.04879	.03551
1.150	.000	10.00000	-5.00000	.00784	.00393	.00561	- 10138	.04446	.24773	.04005	.02207
1.150	2.000	10 00000	-5.00000	.03604	.00922	.00763	-.10271	.04511	.24815	.03005	.00992
	GRADIENT	.00000	00000	.01385	.00258	.00139	-.00062	.00060	-.00139	-.00428	-.00681

RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10 00000	-5 00000	- 09292	-.01503	-.00503	- 11922	.03869	.28910	.06064	.06541
1.205	-6.000	10 00000	-5 00000	-.06765	- 01025	-.00226	-.10955	04102	.27336	.05315	.05051
I 205	-4.000	10.00000	-5 00000	-.04095	-.00514	.00035	-.10188	.04229	.26064	.04697	.03652
1.205	-2.000	10 00000	-5 00000	-.01277	.00016	.00305	-.09966	.04325	.25176	.04214	.02537
1.205	.000	10 00000	-5 00000	01454	.00530	00557	-.10377	04389	.25032	.03568	.01454
1.205	2.000	10.00000	-5 00000	.03948	.01015	.00702	- 10494	04423	.24979	.02783	.00427
1.205	4 000	10.00000	-5 00000	.06077	.01427	.00799	-.10194	.04543	.25001	.01514	-.00473
	GRADIENT	.00000	00000	.01278	.00244	.00096	-.00027	.00036	-.00116	-.00390	- 00518

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA18)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN YT   ELV-LO =   -5.000   ELV-RI =   ·10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   0100

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	10.00000	-5 00000	-.06695	- 01016	- 00363	-.07043	.02531	.18042	.05684	.07468
1.150	-4 000	10.00000	-5 00000	-.03963	-.00506	-.00006	-.06501	.02705	.17026	.05166	.06260
1.150	-2.000	10.00000	-5 00000	- 01048	.00041	.00331	-.06429	.02819	.16261	.04601	.04701
1.150	.000	10.00000	-5.00000	02013	.00610	.00621	-.07035	.02933	.16457	.03886	.03170
1.150	2.000	10.00000	-5.00000	.04781	.01135	.00801	-.07097	.02961	.16470	.02993	.01753
	GRADIENT	.00000	.00000	.01465	.00275	.00136	- 00120	.00044	-.00074	-.00362	-.00753

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJAI8)   (18 AUG 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	-.08807	-.01439	-.00474	-.07770	.02544	.19368	.05750	.07361
1.205	-6.000	10.00000	-5.00000	-.06149	-.00929	-.00223	-.07154	.02719	.18358	.05131	.06082
1.205	-4.000	10.00000	-5.00000	-.03225	-.00366	.00036	-.06590	.02780	.17306	.04599	.04622
1.205	-2.000	10.00000	-5.00000	-.00156	.00211	.00335	-.06548	.02840	.16630	.04171	.03415
1.205	.000	10.00000	-5.00000	.02637	.00746	.00550	-.07062	.02906	.16650	.03642	.02217
1.205	2.000	10.00000	-5.00000	.05246	.01238	.00712	-.07142	.02910	.16556	.03014	.01034
1.205	4.000	10.00000	-5.00000	.07276	.01630	.00832	-.06972	.03033	.16765	.01981	-.00049
	GRADIENT	.00000	.00000	.01320	.00251	.00098	-.00068	.00029	-.00058	-.00320	-.00586

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJAI9)   (18 AUG 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	-5.00000	-.05511	-.00827	-.00224	-.00131	.00098	.01228	.04697	.07967
1.150	-4.000	10.00000	-5.00000	-.02190	-.00203	.00110	.00095	.00041	.00744	.04232	.07946
1.150	-2.000	10.00000	-5.00000	.01337	.00449	.00454	.00225	-.00025	.00188	.03965	.06926
1.150	.000	10.00000	-5.00000	.04525	.01040	.00742	.00108	-.00071	-.00044	.03671	.05349
1.150	2.000	10.00000	-5.00000	.07074	.01527	.00911	-.00182	.00005	.00295	.02956	.03634
	GRADIENT	.00000	.00000	.01549	.00289	.00135	-.00047	-.00008	-.00079	-.00206	-.00726

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	-.07890	-.01292	-.00429	-.00007	.00155	.01255	.05367	.07864
1.205	-6.000	10.00000	-5.00000	-.04659	-.00667	-.00195	.00128	.00158	.01035	.04783	.07597
1.205	-4.000	10.00000	-5.00000	-.01264	-.00011	.00011	.00414	.00035	.00496	.04292	.06785
1.205	-2.000	10.00000	-5.00000	.02117	.00605	.00318	.00554	-.00039	-.00060	.04010	.05551
1.205	.000	10.00000	-5.00000	.05257	.01164	.00631	.00294	-.00007	.00010	.03737	.04107
1.205	2.000	10.00000	-5.00000	.07671	.01612	.00851	.00098	.00005	.00045	.03223	.02673
1.205	4.000	10.00000	-5.00000	.09826	.02006	.01046	-.00072	.00042	.00359	.02484	.01274
	GRADIENT	.00000	.00000	.01387	.00252	.00130	-.00071	.00003	-.00009	-.00220	-.00695

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　　　　　(MJJA20)　 (18 AUG 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	10.000
ELV-LO	=	-5.000	ELV-RI	=	10.000
ELV-RO	=	-5.000			

RUN NO.　　0/ 0　　RN/L =　4.21　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	-5.00000	-.03852	-.00526	-.00269	.06658	-.02106	-.15116	.03260	.07768
1.150	-4.000	10.00000	-5.00000	-.00064	.00177	.00071	.06650	-.02468	-.15173	.02943	.08089
1.150	-2.000	10.00000	-5.00000	.03304	.00814	.00355	.06740	-.02750	-.15339	.02652	.08245
1.150	.000	10.00000	-5.00000	.06224	.01366	.00628	.06890	-.02909	-.15658	.02163	.07429
1.150	2.000	10.00000	-5.00000	.08892	.01848	.00911	.06882	-.02896	-.15682	.01556	.05702
1.150	GRADIENT	.00000	.00000	.01489	.00278	.00140	.00042	-.00072	-.00092	-.00233	-.00399

RUN NO　　0/ 0　　RN/L =　4.22　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	-.06784	-.01059	-.00751	.07204	-.01934	-.15811	.04172	.07440
1.205	-6.000	10.00000	-5.00000	-.02950	-.00356	-.00455	.07154	-.02265	-.15674	.03791	.07581
1.205	-4.000	10.00000	-5.00000	.00617	.00313	-.00200	.07119	-.02550	-.15710	.03460	.07868
1.205	-2.000	10.00000	-5.00000	.03618	.00885	.00076	.07125	-.02747	-.15816	.03204	.07425
1.205	.000	10.00000	-5.00000	.06661	.01417	.00457	.07196	-.02853	-.15952	.02812	.06126
1.205	2.000	10.00000	-5.00000	.09198	.01877	.00740	.07317	-.02907	-.16221	.02245	.04466
1.205	4.000	10.00000	-5.00000	.11472	.02279	.00991	.06957	-.02899	-.15900	.01589	.02869
1.205	GRADIENT	.00000	.00000	.01365	.00246	.00152	-.00007	-.00043	-.00039	-.00235	-.00648

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　　　　　(MJJA21)　 (18 AUG 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	6.000	ELV-LI	=	10.000
ELV-LO	=	-5.000	ELV-RI	=	10.000
ELV-RO	=	-5.000			

RUN NO.　　0/ 0　　RN/L =　4.21　　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	10.00000	-5.00000	-.03026	-.00368	-.00356	.10290	-.03355	-.23610	.02822	.07710
1.150	-4.000	10.00000	-5.00000	.00857	.00350	-.00033	.09947	-.03773	-.23232	.02497	.07903
1.150	-2.000	10.00000	-5.00000	.04184	.00974	.00270	.09809	-.04105	-.23096	.02204	.08248
1.150	.000	10.00000	-5.00000	.07173	.01518	.00592	.09935	-.04294	-.23421	.01644	.08019
1.150	2.000	10.00000	-5.00000	.10043	.02022	.00893	.09872	-.04346	-.23484	.01015	.06660
1.150	GRADIENT	.00000	.00000	.01527	.00278	.00155	-.00005	-.00095	-.00054	-.00250	-.00198

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA21)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT                    BETA   =    6.000   ELV-LI =   10.000
LREF  = 1290.3000 INCHES   YMRP  =      .0000 IN. YT                    ELV-LO =   -5.000   ELV-RI =   10.000
BREF  = 1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT                    ELV-RO =   -5.000
SCALE =     .0100
```

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	-.06247	-.00945	-.00900	.11104	-.03132	-.24824	.03749	.07355
1.205	-6.000	10.00000	-5.00000	-.02328	-.00235	-.00606	.10741	-.03552	-.24231	.03416	.07383
1.205	-4.000	10.00000	-5.00000	.01285	.00429	-.00321	.10449	-.03883	-.23857	.03030	.07816
1.205	-2.000	10.00000	-5.00000	.04334	.00998	-.00023	.10316	-.04124	-.23757	.02631	.07867
1.205	.000	10.00000	-5.00000	.07254	.01521	.00318	.10399	-.04268	-.23990	.02181	.07022
1.205	2.000	10.00000	-5.00000	.09984	.01993	.00659	.10432	-.04347	-.24184	.01605	.05494
1.205	4.000	10.00000	-5.00000	.12267	.02382	.00957	.10053	-.04370	-.23755	.01107	.03754
	GRADIENT	.00000	.00000	.01381	.00245	.00162	-.00034	-.00060	-.00011	-.00244	-.00525

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA22)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT                    BETA   =   -6.000   ELV-LI =   12.000
LREF  = 1290.3000 INCHES   YMRP  =      .0000 IN. YT                    ELV-LO =   -5.000   ELV-RI =   12.000
BREF  = 1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT                    ELV-RO =   -5.000
SCALE =     .0100
```

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	-.06610	-.01047	-.00399	-.10685	.03928	.26959	.03296	.06634
1.150	-4.000	12.00000	-5.00000	-.04006	-.00570	-.00037	-.09933	.04152	.25628	.02891	.05091
1.150	-2.000	12.00000	-5.00000	-.01238	-.00068	.00327	-.09736	.04353	.24843	.02389	.03570
1.150	.000	12.00000	-5.00000	.01571	.00449	.00626	-.10090	.04468	.24766	.01685	.02239
1.150	2.000	12.00000	-5.00000	.04458	.00986	.00851	-.10235	.04524	.24789	.00904	.00976
	GRADIENT	.00000	.00000	.01410	.00259	.00148	-.00063	.00062	-.00130	-.00332	-.00684

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	-.08683	-.01458	-.00500	-.11885	.03888	.28927	.03356	.06535
1.205	-6.000	12.00000	-5.00000	-.06093	-.00973	-.00207	-.10932	.04110	.27335	.02795	.05022
1.205	-4.000	12.00000	-5.00000	-.03401	-.00459	.00066	-.10141	.04230	.26006	.02356	.03662
1.205	-2.000	12.00000	-5.00000	-.00619	.00068	.00324	-.09892	.04324	.25100	.01983	.02565
1.205	.000	12.00000	-5.00000	.02245	.00594	.00609	-.10311	.04385	.24954	.01350	.01431
1.205	2.000	12.00000	-5.00000	.04839	.01081	.00802	-.10497	.04455	.25064	.00431	.00394
1.205	4.000	12.00000	-5.00000	.06991	.01498	.00912	-.10245	.04551	.25011	-.00626	-.00573
	GRADIENT	.00000	.00000	.01312	.00246	.00109	-.00041	.00039	-.00101	-.00376	-.00532

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA23)   (18 AUG 76)

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SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	= .0100			

BETA	= -4.000
ELV-LO	= -5.000
ELV-RO	= -5.000
ELV-LI	= 12.000
ELV-RI	= 12.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	-.05954	-.00962	-.00322	-.06957	.02538	.18026	.02975	.07477
1.150	-4.000	12.00000	-5.00000	-.03191	-.00447	.00044	-.06439	.02720	.17006	.02595	.06231
1.150	-2.000	12.00000	-5.00000	-.00208	.00109	.00406	-.06450	.02871	.16344	.02199	.04643
1.150	.000	12.00000	-5.00000	.02784	.00661	.00697	-.06973	.02962	.16489	.01637	.03159
1.150	2.000	12.00000	-5.00000	.05652	.01202	.00909	-.07101	.02990	.16546	.00896	.01714
	GRADIENT	.00000	.00000	.01476	.00275	.00144	-.00126	.00045	-.00062	-.00283	-.00752

RUN NO.   0/ 0   PN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	-.08140	-.01387	-.00447	-.07727	.02548	.19292	.03129	.07321
1.205	-6.000	12.00000	-5.00000	-.05370	-.00865	-.00163	-.07119	.02729	.18304	.02647	.06007
1.205	-4.000	12.00000	-5.00000	-.02453	-.00303	.00089	-.06555	.02794	.17244	.02228	.04573
1.205	-2.000	12.00000	-5.00000	.00538	.00268	.00347	-.06490	.02844	.16488	.01908	.03411
1.205	.000	12.00000	-5.00000	.03478	.00811	.00616	-.06391	.02901	.16549	.01464	.02228
1.205	2.000	12.00000	-5.00000	.06074	.01293	.00811	-.07197	.02947	.16693	.00748	.00973
1.205	4.000	12.00000	-5.00000	.08197	.01701	.00946	-.07001	.03020	.16677	-.00231	-.00089
	GRADIENT	.00000	.00000	.01342	.00252	.00109	-.00080	.00028	-.00046	-.00304	-.00588

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA24)   (18 AUG 76)

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SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	= .0100			

BETA	= .000
ELV-LO	= -5.000
ELV-RO	= -5.000
ELV-LI	= 12.000
ELV-RI	= 12.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	-.04782	-.00776	-.00186	-.00092	.00113	.01261	.02392	.07946
1.150	-4.000	12.00000	-5.00000	-.01397	-.00144	.00166	.00199	.00029	.00661	.02080	.07925
1.150	-2.000	12.00000	-5.00000	.02072	.00500	.00498	.00322	.00115	.00115	.01889	.06892
1.150	.000	12.00000	-5.00000	.05172	.01079	.00781	-.00004	-.00013	.00237	.01646	.05312
1.150	2.000	12.00000	-5.00000	.07792	.01575	.00964	-.00142	.00008	.00273	.01102	.03642
	GRADIENT	.00000	.00000	.01533	.00287	.00134	-.00067	-.00002	-.00052	-.00159	-.00721

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA24)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA   =   .000   ELV-LI =   12.000
ELV-LO =   -5.000   ELV-RI =   12.000
ELV-RO =   -5.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-Li	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	-.07019	-.01219	-.00391	-.00074	.00193	.01369	.02878	.07816
1.205	-6.000	12.00000	-5.00000	-.03843	-.00605	-.00156	.00162	.00132	.00976	.02454	.07564
1.205	-4 000	12.00000	-5 00000	-.00524	.00035	.00070	.00420	.00043	.00461	.02096	06724
1 205	-2.000	12 00000	-5 00000	02949	.00662	00393	.00452	.00010	.00143	.01874	.05464
1 205	000	12.00000	-5 00000	06086	.01224	.00699	.00341	-.00019	-.00103	.01655	04053
1 205	2.000	12.00000	-5 00000	.08431	.01667	.00911	.00087	.00011	.00079	01204	.02594
1.205	4 000	12 00000	-5 00000	10583	02060	.01124	-.00059	.00035	00339	.00571	.01314
	GRADIENT	00000	.00000	.01385	00253	.00131	-.00066	-00001	-.00015	-.00186	-.00684

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA25)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	0100				

BETA   =   4.000   ELV-LI =   12.000
ELV-LO =   -5 000   ELV-RI =   12 000
ELV-RO =   -5.000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	-5 00000	-.02944	-.00460	-.00199	.06655	-.02096	-.15093	.01327	.07727
1.150	-4 000	12.00000	-5.00000	00807	.00241	.00125	.06662	-.02465	-.15154	.01085	08052
1.150	-2.000	12.00000	-5.00000	.04208	.00881	.00422	06754	-.02759	-.15340	.00778	.08194
1 150	000	12.00000	-5.00000	.07179	.01435	.00717	06882	-.02899	-.15632	.00204	.07354
1.150	2.000	12.00000	-5.00000	.09765	.01911	.00983	.06936	-.02899	-.15725	-.00364	.05740
	GRADIENT	.00000	.00000	.01492	00278	.00143	.00047	-.00072	-.00100	-.00246	-.00389

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	-5 00000	-.06008	-.01004	-.00714	.07204	-.01912	-.15740	.020E	.07440
1.205	-6.000	12.00000	-5.00000	-.02225	-00306	-00432	07138	-02240	-.15597	.01773	.07572
1.205	-4.000	12.00000	-5.00000	.01388	.00367	-.00146	.07030	-.02517	-.15521	.01523	.07812
1.205	-2.000	12.00000	-5.00000	.04503	.00948	.00168	.07009	-.02708	-.15566	.01310	.07343
1 205	.000	12.00000	-5.00000	.07522	.01484	.00512	.07204	-.02857	-.15950	.00933	.06086
1.205	2.000	12.00000	-5.00000	.10089	.01943	.00821	.07365	-.02922	-.16342	.00378	.04424
1.205	4.000	12.00000	-5.00000	.12383	.02343	.01093	.07035	-.02899	-.15961	-.00206	.02853
	GRADIENT	00000	.00000	.01379	00247	.00157	.00018	-.00049	-.00083	-.00219	-.00642

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA26)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   6.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO = -5.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	-.02140	-.00300	-.00302	.10264	-.03351	-.23541	.00973	.07663
1.150	-4.000	12.00000	-5.00000	.01723	.00413	.00027	.09934	-.03775	-.23211	.00709	.07859
1.150	-2.000	12.00000	-5.00000	.05085	.01037	.00346	.09799	-.04109	-.23094	.00413	.08191
1.150	.000	12.00000	-5.00000	.08073	.01581	.00664	.09926	-.04293	-.23380	-.00174	.07942
1.150	2.000	12.00000	-5.00000	.10870	.02074	.00976	.09883	-.04329	-.23400	-.00804	.06636
GRADIENT		.00000	.00000	.01522	.00276	.00158	-.00001	-.00092	-.00043	-.00256	-.00196

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	-.05418	-.00882	-.00851	.11057	-.03106	-.24668	.01770	.07334
1.205	-6.000	12.00000	-5.00000	-.01575	-.00184	-.00569	.10717	-.03522	-.24117	.01510	.07374
1.205	-4.000	12.00000	-5.00000	.02019	.00477	-.00276	.10443	-.03864	-.23805	.01202	.07763
1.205	-2.000	12.00000	-5.00000	.05176	.01057	-.00050	.10299	-.04113	-.23705	.00874	.07785
1.205	.000	12.00000	-5.00000	.08150	.01593	.00404	.10393	-.04264	-.23920	.00459	.06959
1.205	2.000	12.00000	-5.00000	.10858	.02053	.00751	.10421	-.04324	-.24067	-.00138	.05409
1.205	4.000	12.00000	-5.00000	.13153	.02447	.01041	.10140	-.04370	-.23847	-.00621	.03751
GRADIENT		.00000	.00000	.01397	.00247	.00167	-.00024	-.00061	-.00022	-.00233	-.00520

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA27)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE =   .0100

BETA   = -6.000   ELV-LI = 12.000
ELV-LO = 4.000   ELV-RI = 12.000
ELV-RO = 4.000

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	4.00000	-.06286	-.00870	-.01905	-.11582	.03170	.27369	.02114	.00848
.900	-6.000	12.00000	4.00000	-.04089	-.00462	-.01496	-.11066	.03287	.26590	.02385	.01271
.900	-4.000	12.00000	4.00000	-.02119	-.00086	-.01087	-.10532	.03381	.25358	.02475	.01383
.900	-2.000	12.00000	4.00000	-.00073	.00285	-.00658	-.10235	.03504	.24532	.02467	.01517
.900	.000	12.00000	4.00000	.02179	.00672	-.00182	-.10239	.03754	.24289	.02520	.01379
.900	2.000	12.00000	4.00000	.04513	.01077	.00324	-.09966	.03986	.23826	.02073	.00388
.900	4.000	12.00000	4.00000	.06636	.01472	.00656	-.10115	.04146	.24127	.00838	-.01128
GRADIENT		.00000	.00000	.01105	.00195	.00223	.00055	.00096	-.00158	-.00183	-.00308

RUN NO   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	4.00000	-.08523	-.01230	-.01763	-.12221	.03617	.29201	.02171	.02276
.975	-6.000	12.00000	4.00000	-.06119	-.00785	-.01401	-.11146	.03684	.27622	.02625	.02519
.975	-4.000	12.00000	4.00000	-.03638	-.00349	-.00970	-.10215	.03718	.26065	.02812	.02727
.975	-2.000	12.00000	4.00000	-.01181	.00087	-.00527	-.09519	.03803	.24596	.02280	.02640
.975	.000	12.00000	4.00000	.01364	.00529	-.00086	-.09511	.03960	.23921	.01137	.01951
.975	2.000	12.00000	4.00000	.03781	.00983	.00236	-.09376	.04094	.23801	-.00216	.00958
.975	4.000	12.00000	4.00000	.06160	.01445	.00523	-.09133	.04216	.23671	-.01193	-.00288
GRADIENT		.00000	.00000	.01228	.00224	.00187	.00115	.00064	-.00279	-.00525	-.00386

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	4.00000	-.05690	-.00734	-.00767	-.10760	.03956	.27002	.02653	.01772
1.150	-4.000	12.00000	4.00000	-.03072	-.00258	-.00390	-.10018	.04150	.25672	.02308	.00610
1.150	-2.000	12.00000	4.00000	-.00271	.00247	-.00010	-.09829	.04328	.24847	.01863	-.00631
1.150	.000	12.00000	4.00000	.02511	.00767	.00276	-.10201	.04432	.24758	.01155	-.01669
1.150	2.000	12.00000	4.00000	.05157	.01266	.00461	-.10300	.04485	.24767	.00389	-.02529
GRADIENT		.00000	.00000	.01373	.00255	.00142	-.00061	.00056	-.00140	-.00323	-.00523

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA27) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   = -6.000 ELV-LI = 12.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO = 4.000 ELV-RI = 12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	-.07769	-.01149	-.00864	-.11920	03901	.28846	.02927	.01564
1.205	-6.000	12.00000	4.00000	-.05240	-.00674	-.00577	-.11005	.04110	.27343	.02434	.00483
1 205	-4.000	12.00000	4 00000	-.02516	-.00163	-.00279	-.10281	.04239	.26132	.02015	-.00607
1 205	-2.000	12.00000	4.00000	.00326	.00370	.00005	-.10046	04323	.25230	.01653	-.01581
1.205	.000	12.00000	4.00000	.03041	.00878	00271	-.10404	.04364	.25015	.01060	-.02506
1.205	2.000	12 00000	4.00000	.05406	.01332	00447	-.10549	.04440	.25069	.00317	-.03268
1.205	4.000	12 00000	4.00000	.07546	.01722	.00611	-.10305	.04566	.25102	-.00561	-.03947
	GRADIENT	.00000	.00000	.01260	.00237	.00111	- 00028	.00039	-.00111	-.00324	-.00418

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA28) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN XT   BETA   = -4.000 ELV-LI = 12.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN YT   ELV-LO = 4.000 ELV-RI = 12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO. 0/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	4 00000	-.06379	-.00869	-.01909	-.08144	.02052	.18981	.01874	.00708
900	-6.000	12 00000	4.00000	-.04151	-.00457	- 01487	-.07574	02139	.18153	.02118	.01279
.900	-4.000	12.00000	4.00000	-.02112	-.00069	-.01064	-.06968	.02162	.16941	.02149	.01470
.900	-2.000	12-00000	4.00000	.00100	.00321	-.00574	-.06628	.02226	.16052	.02102	.01601
.900	.000	12.00000	4 00000	.02600	.00750	-.00062	-.06803	.02507	.16182	.02144	.01452
.900	2 000	12 00000	4 00000	.05085	.01189	.00450	-.06502	.02585	.15626	.02133	.01031
.900	4.000	12.00000	4.00000	07309	.01609	.00778	-.06590	.02709	.15922	.00818	-.00676
	GRADIENT	00000	.00000	.01191	.00211	.00235	00044	.00073	-.00123	- 00131	- 00243

LARC 8FT TPT 749 (IA93) OTSAT130   (HJJA28)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	12.000
ELV-LO	=	4.000	ELV-RI	=	12.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	4.00000	-.08221	-.01180	-.01720	-.08229	.02417	.19897	.01871	.02241
.975	-6.000	12.00000	4.00000	-.05810	-.00740	-.01352	-.07399	.02459	.18779	.02095	.02462
975	-4.000	12 00000	4.00000	-.03280	-.00294	-.00923	-.06674	.02451	.17386	.02026	.02647
.975	-2.000	12.00000	4 00000	-.00692	.00163	-.00437	-.06255	.02512	.16178	.01609	.02659
.975	.000	12 00000	4.90000	.01718	.00610	-.00006	-.06436	02640	.16036	00545	.02273
.975	2.000	12.00000	4.00000	.04444	01115	00346	-.06249	.02657	.15700	-.00638	.01319
975	4.000	12.00000	4.00000	06985	01617	00616	-.05866	.02687	.15336	-.01643	.00122
	GRADIENT	.00000	00000	01283	.00239	.00193	00081	.00031	-.00229	-.00479	-.00319

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12 00000	4 00000	-05132	-.00651	-.00712	-07018	02577	18015	02376	.02403
1 150	-4.000	12.00000	4 00000	-02319	-.00136	-00322	-06512	02738	.17030	.02017	.01501
1.150	-2.000	12 00000	4 00000	00752	00422	00067	-.06527	02856	.16364	.01666	.00249
1.150	.000	12 0000C	4 00000	03645	.00967	.00331	-.07046	.02927	16419	01079	-.00904
1.150	2.000	12.00000	4 00000	06303	01468	00530	-.07102	02945	.16374	.00313	-.01932
	GRADIENT	00000	00000	01438	00268	.00141	-.00114	.00035	-.00096	-.00285	-.00573

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	-07252	-.01077	-.00822	-.07823	.02595	.19413	.02756	.02156
1.205	-6 000	12.00000	4.00000	-04565	-.00567	-.00553	-.07202	.02739	.18382	.02285	.01254
1.205	-4.000	12.00000	4 00C30	-01554	-.00004	-.00258	-.06671	.02796	.17368	.01909	.00179
1.205	-2 000	12.00000	4.00000	01532	.00572	.00048	-.06643	.02858	.16682	.01631	-.00841
1.205	.000	12.00000	4 00000	04279	.01092	.00301	-.07146	.02912	.16691	.01150	-.01880
1.205	2.000	12 00000	4.00000	06634	.01529	00510	-.07329	.02986	16885	.00446	-.02792
1.205	4.000	12.00000	4.00000	.08774	.01921	00672	-.07106	.03066	.16823	-.00354	-.03550
	GRADIENT	.00000	.00000	.01288	.00240	.00116	-.00078	.00033	-.00044	-.00286	-.00471

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA29)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN. XT	BETA = 000 ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000 ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = 0100		

RUN NO. 0/ 0 RN/L = 3.98 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	4.00000	-.06859	-.00952	-.01788	-.00707	.00231	01799	.00856	.00246
.900	-6.000	12.00000	4.00000	-.04329	-.00501	-.01290	-.00414	.00151	01356	01030	.00984
.900	-4.000	12.00000	4.00000	-.01784	-.00048	-.00765	-.00206	.00092	.01204	.00927	.01612
.900	-2.000	12.00000	4.00000	00990	.00424	-.00181	.00119	.00018	.00379	.00726	.01793
.900	.000	12.00000	4.00000	.03583	00887	.00371	.00187	-.00000	-.00122	00810	01659
.900	2.000	12.00000	4.00000	.06310	.01363	.00878	00104	.00081	-.00033	.00713	.01293
900	4.000	12.00000	4.00000	.08646	01772	.01195	00060	.00115	.00116	.00537	.00291
	GRADIENT	.00000	.00000	.01309	.00229	.00249	00026	.00005	-.00129	-.00040	-.00157

RUN NO 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	4.00000	-.07538	-.01094	-.01560	-.00383	.00199	01685	.00486	.02174
.975	-6.000	12.00000	4.00000	-.04840	-.00604	-.01124	-.00097	00131	.01315	.00811	.02361
.975	-4.000	12.00000	4.00000	-.02280	-.00141	-.00659	00335	-.00027	.00507	.00728	.02656
.975	-2.000	12.00000	4.00000	.00536	.00351	-.00101	.00517	-.00009	-.00136	.00199	.02749
.975	.000	12.00000	4.00000	.03396	.00886	00355	00270	.00013	-.00031	-.00524	.02577
.975	2.000	12.00000	4.00000	06191	.01426	.00676	00211	-.00026	-.00161	-.01313	.02131
975	4.000	12.00000	4.00000	08893	.01915	.00993	-00041	.00067	.00188	-.02183	00964
	GRADIENT	.00000	.00000	.01400	.00259	00204	-.00053	.00003	-.00033	-.00367	-.00200

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	4.00000	-03883	-.00450	-00578	-.00132	.00166	.01263	02042	.02615
1.150	-4.000	12.00000	4.00000	-00555	.00169	-.00215	00122	00094	.00766	.01613	.02892
1.150	-2.000	12.00000	4.00000	02967	.00813	00141	.00239	.00019	.00257	.01381	.02050
1.150	.000	12.00000	4.00000	06042	01369	00454	-.00058	-.00006	00069	.01168	.00633
1.150	2.000	12.00000	4.00000	.08500	.01824	.00688	-.00174	00047	.00239	00552	-.00684
	GRADIENT	.00000	.00000	.01512	.00276	.00151	-00054	-00008	-00088	-.00170	-00607

. LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA29)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   'ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	-.06096	-.00909	-.00755	-.00110	.00237	.01466	.02577	.02446
1.205	-6.000	12.00000	4.00000	-.02972	-.00302	-.00506	.00096	.00197	.01133	.02159	.02344
1.205	-4.000	12.00000	4.00000	.00333	.00338	-.00280	.00376	.00091	.00514	.01809	.01763
1.205	-2.000	12.00000	4.00000	.03692	.00936	.00051	.00488	.00017	.00035	.01596	.00881
1.205	.000	12.00000	4.00000	.06658	.01461	.00381	.00274	.00039	-.00026	.01372	-.00394
1.205	2.000	12.00000	4.00000	.09022	.01894	.00628	.00024	.00058	.00129	.00876	-.01547
1.205	4.000	12.00000	4.00000	.11140	.02283	.00832	-.00082	.00066	.00305	.00137	-.02523
	GRADIENT	.00000	.00000	.01347	.00242	.00140	-.00069	-.00000	-.00016	-.00203	-.00550

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA30)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	4.00000	-.06433	-.00885	-.01612	.06419	-.01440	-.14275	-.00364	-.00276
.900	-6.000	12.00000	4.00000	-.03706	-.00405	-.01044	.06386	-.01741	-.14283	-.00293	.00589
.900	-4.000	12.00000	4.00000	-.00862	.00104	-.00464	.06287	-.01988	-.14157	-.00246	.01399
.900	-2.000	12.00000	4.00000	.02110	.00612	.00171	.06162	-.02105	-.14380	-.00275	.01696
.900	.000	12.00000	4.00000	.04858	.01108	.00729	.06241	-.02284	-.14708	-.00299	.01853
.900	2.000	12.00000	4.00000	.07316	.01545	.01145	.06081	-.02274	-.14526	-.00417	.01537
.900	4.000	12.00000	4.00000	.09502	.01893	.01377	.06288	-.02376	-.14725	-.00688	.00775
	GRADIENT	.00000	.00000	.01297	.00226	.00233	-.00004	-.00047	-.00064	-.00051	-.00069

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA30)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	4.00000	-.06654	-.00954	-.01455	.07368	-.01810	-.16118	-.01831	.01782
.975	-6.000	12.00000	4.00000	-.03648	-.00418	-.00917	.07039	-.01980	-.15591	-.01792	.01855
975	-4.000	12.00000	4.00000	-.00713	.00114	-.00360	.06776	-.02153	-.15156	-.01819	.02040
975	-2.000	12.00000	4.00000	.02368	.00671	.00167	.06822	-.02383	-.15476	-.01702	.02130
.975	.000	12.00000	4.00000	.05576	.01273	.00635	.06726	-.02524	-.15471	-.01356	.02037
.975	2.000	12.00000	4 00000	.08236	.01786	.00958	.06358	-.02533	-.15119	-.01331	.01627
975	4.000	12.00000	4 00000	.10921	.02232	.01313	.05729	-.02459	-.14502	-.01706	.00980
	GRADIENT	.00000	.00000	.01457	.00268	.00207	-.00128	-.00038	.00083	.00030	-.00131

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12 00000	4.00000	-.02005	-.00133	-.00591	.06727	-.02065	-.15171	.01069	.02272
1.150	-4.000	12.00000	4.00000	.01707	.00553	-.00236	.06762	-.02425	-.15242	.00805	.02834
1.150	-2.000	12.00000	4.00000	.04964	.01162	-.00096	.06824	-.02669	-.15369	.00422	.03165
1.150	.000	12.00000	4.00000	.07824	.01685	.00396	.06953	-.02791	-.15706	-.00251	.02347
1.150	2 000	12.00000	4 00000	.10388	.02150	.00683	.06930	-.02800	-.15708	-.00838	.00935
	GRADIENT	.00000	.00000	.01445	.00266	.00153	.00032	-.00062	-.00087	-.00280	-.00326

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	-.05028	-.00674	-.01088	.07154	-.01861	-.15690	.01787	.02070
1.205	-6.000	12 00000	4 00000	-.01365	.00002	-.00790	.07108	-.02169	-.15556	.01569	.02348
1 205	-4 000	12 00000	4.00000	.02126	.00636	-.00476	.07139	-.02454	-.15655	.01361	.02781
1.205	-2.000	12.00000	4.00000	.05213	.01198	-.00142	.07192	-.02669	-.15843	.01094	.02443
1.205	.000	12 00000	4.00000	.08103	.01719	.00204	.07329	-.02798	-.16106	.00718	.01301
1.205	2 000	12 00000	4.00000	.10633	.02165	.00518	.07330	-.02820	-.16179	.00181	.00011
1.205	4.000	12.00000	4.00000	.12887	.02562	.00802	.07062	-.02855	-.15977	-.00511	-.01214
	GRADIENT	.00000	.00000	.01347	.00241	.00161	-.00001	-.00048	-.00049	-.00233	-.00521

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA31)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	4.00000	-.06359	-.00862	-.01560	.10035	-.02483	-.22341	-.00608	-.00272
.900	-6.000	12.00000	4.00000	-.03529	-.00369	-.00968	.09960	-.02804	-.22335	-.00616	.00662
.900	-4.000	12.00000	4.00000	-.00630	.00151	-.00380	.09778	-.03094	-.22099	-.00648	.01408
.900	-2.000	12.00000	4.00000	.02476	.00685	.00266	.09728	-.03302	-.22322	-.00703	.01551
.900	.000	12.00000	4.00000	.05383	.01200	.00819	.09806	-.03549	-.22648	-.00801	.01680
.900	2.000	12.00000	4.00000	.07970	.01649	.01256	.09367	-.03598	-.22002	-.00880	.01504
.900	4.000	12.00000	4.00000	.09823	.01952	.01407	.09595	-.03762	-.22315	-.00952	.00940
	GRADIENT	00000	00000	.01320	.00228	.00228	-.00036	-.00082	-.00006	-.00039	-.00049

RUN NO 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	4.00000	-.06323	-.00892	-.01396	.11299	-.02916	-.24970	-.02526	.01764
.975	-6.000	12.00000	4.00000	-.03192	-.00340	-.00822	.10711	-.03115	-.24104	-.02448	.01763
.975	-4.000	12.00000	4.00000	-.00034	.00228	-.00257	.10258	-.03363	-.23518	-.02292	.01850
.975	-2.000	12.00000	4.00000	.03244	.00829	.00265	.10062	-.03646	-.23465	-.01429	.01850
.975	.000	12.00000	4.00000	.06329	.01427	.00677	.09763	-.03801	-.23083	-.01429	.01744
975	2.000	12.00000	4.00000	.09100	.01933	.01060	.09185	-.03836	-.22529	-.01301	.01405
.975	4.000	12.00000	4.00000	.11804	.02382	.01402	.08564	-.03869	-.21870	-.01403	.00973
	GRADIENT	00000	00000	.01477	.00271	.00206	-.00213	-.00060	.00212	.00121	-.00110

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	4.00000	-.01280	.00011	-.00689	.10309	-.03289	-.23552	.00785	.02198
1.150	-4.000	12.00000	4.00000	.02481	.00695	-.00337	.10066	-.03713	-.23365	.00508	.02600
1.150	-2.000	12.00000	4.00000	.05678	.01292	-.00011	.09949	-.04034	-.23293	.00120	.03102
1.150	.000	12.00000	4.00000	.08695	.01829	.00345	.10020	-.04179	-.23483	-.00530	.02842
1.150	2.000	12.00000	4.00000	.11434	.02306	.00669	.09955	-.04222	-.23498	-.01203	.01697
	GRADIENT	00000	00000	.01494	.00268	.00169	-.00013	-.00084	-.00029	-.00289	-.00148

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA31)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	4.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	4.000		
SCALE =	.0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	-.04614	-.00578	-.01242	.11084	-.03058	-.24707	.01530	.02033
1.205	-6.000	12.00000	4.00000	-.00837	.00095	-.00925	.10765	-.03457	-.24160	.01317	.02170
1.205	-4.000	12.00000	4.00000	.02723	.00736	-.00596	.10556	-.03796	-.23899	.01028	.02769
1.205	-2.000	12.00000	4.00000	.05845	.01304	-.00259	.10425	-.04035	-.23832	.00637	.02867
1.205	.000	12.00000	4.00000	.08728	.01821	.00098	.10485	-.04167	-.24019	.00169	.01991
1.205	2.000	12.00000	4.00000	.11393	.02277	.00458	.10468	-.04231	-.24041	-.00385	.00792
1.205	4.000	12.00000	4.00000	.13614	.02664	.00744	.10164	-.04312	-.23836	-.00882	-.00495
	GRADIENT	.00000	.00000	.01366	.00241	.00170	-.00037	-.00061	-.00004	-.00242	-.00430

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA32)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN XT		BETA =	-6.000	ELV-LI =	12.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN YT		ELV-LO =	9.000	ELV-RI =	12.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN ZT		ELV-RO =	9.000		
SCALE =	.0100							

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	9.00000	-.05057	-.00613	-.01998	-.11299	.03022	.27126	.01424	.00277
.900	-6.000	12.00000	9.00000	-.03041	-.00233	-.01590	-.10768	.03134	.26170	.01645	.00801
.900	-4.000	12.00000	9.00000	-.01012	.00149	-.01170	-.10275	.03243	.25006	.01700	.00725
.900	-2.000	12.00000	9.00000	.01114	.00532	-.00740	-.10055	.03418	.24427	.01700	.00627
.900	.000	12.00000	9.00000	.03475	.00966	-.00304	-.09878	.03621	.23817	.01696	.00313
.900	2.000	12.00000	9.00000	.05984	.01422	.00139	-.09600	.03787	.23329	.01563	-.00637
.900	4.000	12.00000	9.00000	.08193	.01845	.00458	-.09795	.04021	.23801	.00161	-.02350
	GRADIENT	.00000	.00000	.01164	.00214	.00207	.00071	.00096	-.00176	-.00161	-.00371

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA32)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   (.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	9.00000	-.07106	-.00921	-.01939	-.12042	.03485	.29039	.01975	.00075
.975	-6 000	12.00000	9.00000	-.04613	-.00462	-.01580	-.10961	.03539	.27479	.02548	.00341
975	-4.000	12.00000	9.00000	-.02147	-.00014	- 01177	-.10031	.03559	.25876	.02601	.00558
.975	-2.000	12.00000	9.00000	.00265	.00417	-.00736	-.09305	.03635	.24347	.01858	.00525
975	000	12.00000	9 00000	.02596	.00849	-.00342	-.09275	.03762	.23718	.00582	.00259
.975	2.000	12 00000	9.00000	.05164	.01331	- 00000	-.09032	03848	.23400	-.00983	-.00530
.975	4.000	12.00000	9 00000	07562	01802	00255	-.08746	.03985	.23160	-.02379	-.02601
	GRADIENT	00000	00000	01216	.00227	.00180	00142	.00053	- 00319	-.00640	- 00369

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	9.00000	- 04649	-.00496	-.00909	-.10676	03881	26923	.02281	-.00420
1.150	-4.000	12 00000	9 00000	- 02041	-.00016	- 00547	-.09962	.04074	.25604	01893	-.01471
1.150	-2 000	12 00000	9 00000	00781	.00494	- 00167	- 09773	.04241	.24754	01422	-.02566
1.150	.000	12.00000	9 00000	03532	01013	.00121	-.10045	.04295	.24547	00734	-.03426
1.150	2.000	12.00000	9.00000	06117	.01500	.00312	-.10158	04363	.24603	.00150	-.04146
	GRADIENT	.00000	.00000	.01361	00253	00143	-.00043	00046	-.00160	-.00296	-.00444

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	9.00000	-.06867	-.00934	-.00981	-.11844	03830	28737	02611	-.00457
1.205	-6.000	12 00000	9.00000	-.04369	-.00454	-.00723	-.10887	04005	.27160	02130	- 01379
1.205	-4.000	12 00000	9.00030	-.01658	.00064	-.00453	- 10195	04132	.26003	.01736	-.02431
1.205	-2.000	12 00000	9.00000	.01255	.00604	-.00152	-.09998	.04226	.25141	01392	-.03326
1.205	000	12.00000	9.00000	.03976	.01108	.00136	-.10309	04255	.24878	.00839	-.04099
1.205	2 000	12.00000	9.00000	.06310	.01549	.00308	-.10418	04332	.24903	00062	-.04823
1.205	4.000	12 00000	9.00000	.08419	.01934	.00474	-.10153	04457	.24923	-.00729	-.05458
	GRADIENT	00000	.00000	.01260	.00234	.00116	- 00017	00038	-.00120	- 00313	- 00378

LARC 8FT TPT 749 (IA93) OTSAT130   (HJJA33)   (18 AUG 76)

REFERENCE DATA			PARAMETRIC DATA		
SREF = 2690.0000 SQ FT	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI = 12.000	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000		
SCALE = .0100					

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	9.00000	-.05107	-.00696	-.02021	-.07825	.01877	.18605	.01116	.00173
.900	-6.000	12.00000	9.00000	-.03005	-.00205	-.01589	-.07228	.01953	.17606	.01300	.00898
.900	-4.000	12.00000	9.00000	-.00969	.00174	-.01157	-.06826	.02045	.16791	.01305	.00801
.900	-2.000	12.00000	9.00000	.01212	.00566	-.00693	-.06731	.02210	.16463	.01212	.00615
.900	.000	12.00000	9.00000	.03898	.01051	-.00230	-.06452	.02336	.15788	.01108	.00365
.900	2.000	12.00000	9.00000	.06631	.01558	.00226	-.06212	.02442	.15377	.01139	-.00482
.900	4.000	12.00000	9.00000	.08961	.01996	.00571	-.06311	.02565	.15656	-.00050	-.02092
	GRADIENT	.00000	.00000	.01264	.00232	.00219	.00077	.00064	-.00168	-.00139	-.00343

RUN NO   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	9.00000	-.06869	-.00876	-.01910	-.08104	.02293	.19767	.01675	.00027
.975	-6.000	12.00000	9.00000	-.04302	-.00411	-.01524	-.07194	.02297	.18447	.01995	.00232
.975	-4.000	12.00000	9.00000	-.01799	.00044	-.01115	-.06468	.02278	.17156	.01817	.00377
.975	-2.000	12.00000	9.00000	.00682	.00486	-.00658	-.05992	.02329	.15955	.01262	.00371
.975	.000	12.00000	9.00000	.03133	.00946	-.00232	-.06145	.02413	.15597	.00067	.00311
.975	2.000	12.00000	9.00000	.05865	.01473	.00082	-.06008	.02415	.15387	-.01183	-.00181
.975	4.000	12.00000	9.00000	.08478	.01978	.00354	-.05635	.02463	.15122	-.02693	-.01946
	GRADIENT	.00000	.00000	.01287	.00243	.00184	.00082	.00023	-.00232	-.00573	-.00260

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	9.00000	-.04077	-.00409	-.00862	-.06929	.02499	.17890	.02085	.00079
1.150	-4.000	12.00000	9.00000	-.01243	.00116	-.00481	-.06462	.02656	.16934	.01658	-.00720
1.150	-2.000	12.00000	9.00000	.01773	.00672	-.00109	-.06466	.02766	.16301	.01261	-.01831
1.150	.000	12.00000	9.00000	.04571	.01204	.00160	-.06961	.02830	.16355	.00676	-.02846
1.150	2.000	12.00000	9.00000	.07257	.01695	.00387	-.07042	.02866	.16334	-.00065	-.03673
	GRADIENT	.00000	.00000	.01415	.00263	.00144	-.00112	.00035	-.00087	-.00288	-.00494

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA33)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI =	12.000
LREF = 1290 3000 INCHES	YMRP = .0000 IN YT		ELV-LO = 9.000	ELV-RI =	12 000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9 000		
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	9.00000	-.06330	-.00857	- 00949	-.07717	02520	.19240	.02506	-.00012
1.205	-6.000	12.00000	9.00000	-.03662	-.00344	- 00700	-.07096	.02638	.18219	.02021	-.00775
1.205	-4 000	12.00000	9.00000	- 00697	.00225	-.00440	-.06576	02684	.17238	.01641	-.01762
1.205	-2 000	12.00000	9 00000	.02394	.00804	- 00134	-.06543	02747	.16507	.01321	- 02695
1.205	.000	12.00000	9 00000	.05108	.01302	.00149	-.07009	02805	.16487	.00845	-.03562
1.205	2.000	12.00000	9 00000	.07536	.01741	.00376	- 07169	.02876	.16659	.00197	-.04366
1.205	4.000	12 00000	9 00000	.09569	.02118	00531	- 06954	.02959	.16655	-.00611	-.05098
	GRADIENT	00000	00000	.01284	.00236	00123	- 00069	00034	-.00051	-.00281	-.00417

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA34)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI =	12.000
LREF = 1290 3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = 9.000	ELV-RI =	12.000
BREF = 1290 3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9 000		
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	12.00000	9 00000	-.05802	-.00684	- 02001	-.00379	.00065	.01537	-.00059	-.00472
.900	-6.000	12 00000	9 00000	-.03270	-.00239	-.01489	- 00123	-.00015	.01099	.00163	00449
.900	-4.000	12 00000	9 00000	-.00702	00208	- 00960	.00021	-.00041	.00909	.00017	.00762
.900	-2.000	12 00000	9.00000	.01960	00664	-.00386	.00265	-.00086	.00266	-.00313	.00493
.900	000	12.00000	9 00000	.05148	.01243	.00156	.00391	-.00145	-.00250	-.00418	.00204
.900	2.000	12 00000	9.00000	.08093	.01792	.00574	.00321	-.00113	- 00204	-.00487	-.00415
.900	4.000	12.00000	9.00000	.10537	.02212	.00941	.00262	-.00103	- 00075	- 00554	-.01409
	GRADIENT	00000	00000	01430	.00257	.00238	.00027	-.00008	-.00122	-.00066	- 00263

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA34)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA =	.000	ELV-LI = 12.000
LREF	= 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO =	9.000	ELV-RI = 12.000
BREF	= 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO =	9.000	
SCALE	= .0100					

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	9.00000	-.06478	-.00799	-.01823	-.00208	.00057	.01570	00350	-.00045
.975	-6.000	12.00000	9.00000	-03619	-.00295	-.01345	00127	-00025	.01102	.00647	.00057
.975	-4.000	12.00000	9.00000	-.00903	00186	-.00831	.00516	-00120	.00372	00512	00270
.975	-2.000	12.00000	9.00000	01871	00676	-.00307	00752	-00170	-.00400	-.00165	00314
.975	.000	12.00000	9.00000	.04749	01215	00139	00620	-00190	-00503	-.00983	.00150
.975	2.000	12.00000	9.00000	.07484	.01747	00442	.00403	-00176	-.00285	-.01951	-.00029
.975	4.000	12.00000	9.00000	10132	.02220	00715	.00155	-.00086	00076	-.03014	-.00841
	GRADIENT	00000	.00000	.01384	00257	.00192	-00054	.00003	-.00024	-00442	-.00128

RUN NO.   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	12.00000	9 00000	-.02857	-00208	-00745	.00052	.00065	01048	.01838	.00199
1.150	-4 000	12.00000	9.00000	00553	00426	-00369	.00283	-00006	.00579	.01370	.00421
1.150	-2 000	12.00000	9 00000	04078	.01069	.00003	00306	-00045	.00210	.01088	-.00293
1.150	.000	12 00000	9 00000	.06941	.01597	.00282	00095	-00057	.00110	00825	-.01520
1 150	2 000	12.00000	9.00000	.09487	.02053	.00552	-.0007	-00028	.00177	.00164	-.02641
	GRADIENT	.00000	.00000	.01483	.00271	00152	-00064	-.00004	-00065	-.00194	-00521

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8 000	12.00000	9.00000	-.05206	-00683	-00913	00029	00161	01281	02418	.00162
1.205	-6.000	12 00000	9.00000	-.02068	-.00075	-.00674	.00216	.00122	.01000	.01962	.00064
1.205	-4 000	12.00000	9.00000	01223	.00557	-00436	.00456	.00025	.00481	.01572	-.00464
1.205	-2.000	12 00000	9 00000	04535	.01143	-.00093	.00597	-.00049	-.00073	01318	-01215
1.205	.000	12.00000	9.00000	07489	.01668	00226	00421	-.00043	-.00228	01078	-.02350
1 205	2.000	12 00000	9.00000	.09851	.02092	00498	00127	-.00013	.00019	00575	-03380
1.205	4.000	12 00000	9.00000	.11913	02463	.00720	-.00040	.00028	00313	-.00146	-.04222
	GRADIENT	00000	00000	.01335	00238	00145	-00073	00002	-00012	-.00209	-.00484

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA35)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	9.00000	-.05396	-.00618	-.01823	.06731	-.01646	-.14600	-.01068	-.00605
.900	-6.000	12.00000	9.00000	-.02795	-.00167	-.01245	.06652	-.01902	-.14597	-.00926	-.00050
.900	-4.000	12.00000	9.00000	.00140	.00353	-.00672	.06541	-.02111	-.14475	-.01022	.00279
.900	-2.000	12.00000	9.00000	.03230	.00906	-.00089	.06525	-.02292	-.14854	-.01209	.00320
.900	.000	12.00000	9.00000	.06393	.01485	.00429	.06411	-.02440	-.14835	-.01332	.00125
.900	2.000	12.00000	9.00000	.09374	.02026	.00844	.06159	-.02462	-.14488	-.01513	-.00196
.900	4.000	12.00000	9.00000	.11473	.02354	.01131	.06468	-.02562	-.14949	-.01546	-.00855
	GRADIENT	.00000	.00000	.01441	.00256	.00227	-.00026	-.00054	-.00029	-.00068	-.00139

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	9.00000	-.05533	-.00644	-.01712	.07463	-.01943	-.16059	-.01967	-.00158
.975	-6.000	12.00000	9.00000	-.02498	-.00104	-.01175	.07216	-.02140	-.15704	-.02060	-.00128
.975	-4.000	12.00000	9.00000	.00494	.00433	-.00627	.07050	-.02324	-.15459	-.02195	-.00073
.975	-2.000	12.00000	9.00000	.03559	.00994	-.00099	.06961	-.02506	-.15524	-.02131	-.00089
.975	.000	12.00000	9.00000	.06547	.01560	.00341	.07030	-.02691	-.15890	-.01752	-.00239
.975	2.000	12.00000	9.00000	.09412	.02069	.00726	.06513	-.02623	-.15211	-.01941	-.00718
.975	4.000	12.00000	9.00000	.12262	.02555	.01023	.05928	-.02597	-.14690	-.02432	-.01473
	GRADIENT	.00000	.00000	.01469	.00266	.00206	-.00135	-.00033	.00093	-.00014	-.00172

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	9.00000	-.01077	.00109	-.00785	.06814	-.02148	-.15180	.00905	-.00072
1.150	-4.000	12.00000	9.00000	.02633	.00785	-.00413	.06846	-.02494	-.15225	.00600	.00392
1.150	-2.000	12.00000	9.00000	.05874	.01376	-.00064	.06954	-.02736	-.15471	.00189	.00663
1.150	.000	12.00000	9.00000	.08764	.01904	.00263	.07084	-.02846	-.15847	-.00513	-.00065
1.150	2.000	12.00000	9.00000	.11250	.02353	.00554	.07063	-.02852	-.15862	-.01121	-.01264
	GRADIENT	.00000	.00000	.01437	.00261	.00161	.00039	-.00059	-.00114	-.00293	-.00285

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA35)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	≈	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	≈	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	≈	400.0000 IN ZT	
SCALE	=	.0100				

BETA	=	4.000	ELV-LI =	12.000
ELV-LO	=	9.000	ELV-RI =	12.000
ELV-RO	=	9.000	

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	9.00000	-.04183	-.00462	-.01255	.07267	-.01949	-.15807	.01740	-.00176
1.205	-6.000	12.00000	9.00000	-.00574	.00195	-.00936	.07237	-.02240	-.15704	.01460	.00075
1.205	-4.000	12.00000	9.00000	.02841	.00824	-.00627	.07211	-.02496	-.15730	.01181	.00422
1.205	-2.000	12.00000	9.00000	.05958	.01389	-.00286	.07256	-.02701	-.15884	.00892	.00092
1.205	.000	12.00000	9.00000	.08912	.01908	.00100	.07374	-.02817	-.16147	.00476	-.00887
1.205	2.000	12.00000	9.00000	.11273	.02330	.00403	.07369	-.02851	-.16219	-.00135	-.02018
1.205	4.000	12.00000	9.00000	.13443	.02714	.00678	.07077	-.02886	-.16007	-.00783	-.03082
	GRADIENT	.00000	.00000	.01326	.00236	.00165	-.00008	-.00046	-.00044	-.00248	-.00456

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA36)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	≈	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	≈	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	≈	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	6.000	ELV-LI =	12.000
ELV-LO	=	9.000	ELV-RI =	12.000
ELV-RO	=	9.000	

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	12.00000	9.00000	-.05273	-.00592	-.01755	.10266	-.02666	-.22566	-.01273	-.00597
.900	-6.000	12.00000	9.00000	-.02539	-.00127	-.01138	.10028	-.02911	-.22317	-.01238	-.00115
.900	-4.000	12.00000	9.00000	.00489	.00410	-.00554	.09858	-.03193	-.22143	-.01349	.00154
.900	-2.000	12.00000	9.00000	.03577	.00977	-.00015	.09922	-.03457	-.22530	-.01463	.00195
.900	.000	12.00000	9.00000	.06829	.01577	.00508	.09783	-.03668	-.22432	-.01629	.00034
.900	2.000	12.00000	9.00000	.09961	.02123	.00990	.09471	-.03824	-.22110	-.01742	-.00227
.900	4.000	12.00000	9.00000	.11923	.02419	.01234	.09684	-.03930	-.22380	-.01717	-.00666
	GRADIENT	.00000	.00000	.01463	.00258	.00229	-.00040	-.00092	-.00003	-.00051	-.00103

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA36)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	12.00000	9.00000	-.05257	-.00587	-.01663	.11481	-.03080	-.25049	-.02688	-.00240
.975	-6.000	12.00000	9.00000	-.02072	-.00030	-.01090	.10942	-.03286	-.24294	-.02740	-.00279
.975	-4.000	12.00000	9.00000	.01210	.00553	-.00503	.10465	-.03529	-.23679	-.02644	-.00255
975	-2.000	12.00000	9.00000	.04413	.01155	.00006	.10176	-.03784	-.23415	-.02297	-.00264
.975	.000	12.00000	9.00000	.07360	.01714	.00415	.09938	-.03914	-.23229	-.01789	-.00488
.975	2.000	12.00000	9.00000	.10368	.02221	.00849	.09364	-.03947	-.22802	-.01776	-.01033
.975	4.000	12.00000	9.00000	.13224	.02716	.01106	.08774	-.04022	-.22068	-.02029	-.01563
	GRADIENT	.00000	.00000	.01499	.00270	.00203	-.00210	-.00057	.00192	.00088	-.00169

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	12.00000	9.00000	-.00373	.00238	-.00863	.10437	-.03375	-.23668	.00629	-.00141
1.150	-4.000	12.00000	9.00000	.03375	.00914	-.00491	.10134	-.03771	-.23369	.00303	.00211
1.150	-2.000	12.00000	9.00000	.06611	.01504	-.00143	.10008	-.04074	-.23297	-.00098	.00634
1.150	.000	12.00000	9.00000	.09591	.02030	.00226	.10124	-.04213	-.23557	-.00778	.00336
1.150	2.000	12.00000	9.00000	.12144	.02482	.00548	.10007	-.04237	-.23546	-.01474	-.00641
	GRADIENT	.00000	.00000	.01464	.00262	.00174	-.00013	-.00077	-.00040	-.00301	-.00143

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	12.00000	9.00000	-.03799	-.00375	-.01398	.11135	-.03123	-.24724	.01494	-.00197
1.205	-6.000	12.00000	9.00000	-.00059	.00287	-.01062	.10827	-.03506	-.24222	.01226	-.00060
1.205	-4.000	12.00000	9.00030	.03470	.00925	-.00731	.10615	-.03830	-.23987	.00865	.00449
1.205	-2.000	12.00000	9.00000	.06566	.01485	-.00383	.10476	-.04053	-.23880	.00446	.00500
1.205	.000	12.00000	9.00000	.09514	.02001	.00007	.10541	-.04191	-.24057	-.00043	-.00277
1.205	2.000	12.00000	9.00000	.12064	.02440	.00366	.10516	-.04272	-.24174	-.00673	-.01338
1.205	4.000	12.00000	9.00000	.14182	.02812	.00638	.10176	-.04339	-.23880	-.01154	-.02441
	GRADIENT	.00000	.00000	.01346	.00236	.00174	-.00042	-.00062	-.00004	-.00258	-.00381

LARC BFT TPT 749 (IA93) OTSAT130   (MJJA37)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT   XMRP =   976 0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	12.00000	14.00000	- 03976	-.00430	-.01985	-.11237	.03071	.27008	.00405	-.01638
-6.000	12.00000	14.00000	-.01977	- 00052	- 01577	-.10767	.03227	.26154	.00549	-.01491
-4.000	12.00000	14.00000	.00073	.00329	-.01159	-.10290	03354	.25040	.00586	-.01789
-2.000	12.00000	14.00000	.02201	.00718	- 00741	-.10014	.03512	.24348	.00558	-.01996
.000	12.00000	14 00000	.04719	01180	- 00302	-.09807	03728	.23699	.00539	- 02276
2.000	12 00000	14 00000	.07276	.01653	.00112	- 09453	03900	.23062	.00564	- 02998
4.000	12.00000	14 00000	.09599	02094	00443	-.09656	04119	.23610	-.00389	- 04218
GRADIENT	.00000	.00000	.01206	.00223	.00203	00091	.00096	- 00207	-.00097	-.00293

RN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	12.00000	14.00000	-.06087	-.00722	-.01991	- 12105	03563	.29065	.00859	-.02829
-6.000	12.00000	14.00000	- 03559	-.00254	-.01640	-.11043	.03624	.27517	.01082	-.02564
-4.000	12 00000	14.00000	- 01094	00197	- 01244	- 10161	03658	26030	00735	-.02376
-2.000	12.00000	14.00000	01357	00629	-.00790	- 09389	.03742	24456	-.00540	-.02533
.000	12 00000	14.00000	.03824	.01082	-.00397	-.09316	.03843	.23696	-.02100	-.03019
2.000	12 00000	14.00000	06437	01576	-.00068	-.09087	.03948	.23397	- 03375	- 04228
4.000	12.00000	14 00000	.08956	.02056	00218	-.08778	.04110	23194	-.03933	-.05893
GRADIENT	00000	.00000	.01259	00233	.00182	.00153	.00055	- 00337	-.00609	-.00436

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA38)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3.98   GRADIENT INTERVAL = -5 00/ 5.00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	12.00000	14.00000	-.04033	-.00417	- 02007	-.07806	.01932	.18599	-.00052	-.01827
-6 000	12.00000	14.00000	-.01919	-.00024	-.01588	- 07286	.02058	.17772	.00048	-.01551
-4 000	12.00000	14 00000	.00206	.00367	- 01153	-.06910	.02166	.16902	.00013	-.01855
-2.000	12 00000	14 00000	.02381	.00761	- 00695	- 06753	.02306	16445	-.00087	-.02141
000	12.00000	14.00000	05240	.01278	-.00223	-.06430	.02428	.15677	-.00173	- 02407
2 000	12.00000	14 00000	08012	01804	.00194	-.06120	02519	.15167	-.00156	-.03073
4.000	12 00000	14.00000	.10502	02266	00554	- 06205	02655	15503	-.00762	-.04071
GRADIENT	00000	00000	.01311	00242	00215	.00102	00060	- 00204	-.00081	-.00268

RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5 00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	12.00000	14.00000	- 05806	- 00676	-.01946	- 08188	.02364	.19849	.00779	-.02926
-6.000	12 00000	14.00000	--03190	-.00198	- 01570	-.07308	02378	.18536	.00737	- 02762
-4.000	12 00000	14.00000	- 00643	.00268	-.01169	-.06577	02358	.17208	.00144	-.02656
-2.000	12.00000	14.00000	01815	.00708	- 00721	- 06064	02406	.16007	-.00969	-.02719
.000	12.00000	14 00000	04393	01187	-.00301	- 06243	.02510	.15711	-.02564	- 03094
2.000	12 00000	14.00000	07177	.01726	-.00007	-.06118	.02520	.15469	- 03794	- 03994
4.000	12 00000	14.00000	09899	.02240	.00294	-.05757	02590	15206	- 04500	-.05377
GRADIENT	.00000	.00000	.01322	.00248	00182	.00079	00029	-.00227	-.00606	-.00336

LARC 8FT TPT 749 (IA93) OTSATI30　　　　　　　　　　(MJJA39)　(18 AUG 76)

REFERENCE DATA　　　　　　　　　　　　　　　　　　　　　　　　　　PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	12.000
ELV-LO	=	14.000	ELV-RI	=	12.000
ELV-RO	=	14.000			

RN/L = 3.98　　GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	12.00000	14.00000	-.04683	-.00504	-.02000	-.00414	.00117	.01547	-.01139	-.02403
-6.000	12.00000	14.00000	-.02107	-.00046	-.01505	-.00160	.00071	.01124	-.01065	-.02001
-4.000	12.00000	14.00000	.00545	.00420	-.00981	.00000	.00067	.00888	-.01291	-.02119
-2.000	12.00000	14.00000	.03256	.00889	-.00417	.00247	.00021	.00214	-.01661	-.02487
.000	12.00000	14.00000	.06484	.01493	.00076	.00350	-.00039	-.00229	-.01755	-.02879
2.000	12.00000	14.00000	.09569	.02069	.00505	.00243	.00007	-.00139	-.01713	-.03360
4.000	12.00000	14.00000	.12180	.02507	.00926	.00244	.00012	-.00146	-.01617	-.03942
GRADIENT	.00000	.00000	.01479	.00268	.00237	.00024	-.00006	-.00121	-.00035	-.00226

RN/L = 4.09　　GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	12.00000	14.00000	-.05331	-.00586	-.01848	-.00321	.00136	.01718	-.00015	-.03026
-6.000	12.00000	14.00000	-.02542	-.00084	-.01399	.00053	.00046	.01164	-.00161	-.03028
-4.000	12.00000	14.00000	.00247	.00410	-.00890	.00455	-.00048	.00399	-.00821	-.03000
-2.000	12.00000	14.00000	.03151	.00922	-.00373	.00556	-.00056	-.00124	-.01946	-.02977
.000	12.00000	14.00000	.06051	.01464	.00060	.00421	-.00083	-.00234	-.03237	-.03118
2.000	12.00000	14.00000	.08907	.01998	.00374	.00246	-.00066	-.00139	-.04444	-.03724
4.000	12.00000	14.00000	.11664	.02489	.00649	.00055	.00015	.00084	-.05276	-.04787
GRADIENT	.00000	.00000	.01429	.00262	.00191	-.00056	.00006	-.00032	-.00570	-.00216

LARC 8FT TPT '/49 (IA93) OTSATI30   (MJJA40)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   14 000
SCALE =   .0100

                    RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900
       ALPHA   ELV-LI   ELV-LO   CNW   CBW   CTW   CYN   CBL   CY   CHEI   CHEO
       -8.000   12.00000   14 00000   - 04256   -.00443   -.01786   .06686   - 01553   -.14538   -.01971   -.02450
       -6.000   12.00000   14.00000   -.01604   .00022   -.01223   .06572   -.01776   -.14518   -.01924   -.02274
       -4 000   12 00000   14 00000   01436   .00563   - 00672   .06508   -.01984   -.14462   - 02037   -.02377
       -2.000   12 00000   14 00000   .04590   .01138   - 00115   .06411   -.02148   -.14653   -.02136   - 02549
        000   12.00000   14 00000   .07844   .01750   .00371   .06373   -.02336   -.14810   -.02207   -.02872
       2 000   12.00000   14 00000   10960   .02311   .00797   .06120   -.02387   - 14572   -.02381   -.03207
       4.000   12 00000   14 00000   13372   .02695   01163   06244   -.02468   - 14752   -.02387   - 03670
       GRADIENT   .00000   00000   .01512   00272   00229   -.00041   -.00060   - 00025   - 00047   -.00162

                    RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   975
       ALPHA   ELV-LI   ELV-LO   CNW   CBW   CTW   CYN   CBL   CY   CHEI   CHEO
       -8 000   12.00000   14 00000   - 04364   - 00434   - 01713   .07349   -.01876   - 15918   -.02716   -.03213
       -6.000   12.00000   14 00000   -.01366   .00102   -.01188   .07128   -.02068   - 15579   -.03030   - 03210
       -4 000   12.00000   14.00000   .01690   00648   -.00637   .07044   -.02261   - 15496   -.03402   -.03290
       -2.000   12.00000   14.00000   .04815   01226   -.00124   .06932   -.02436   -.15532   - 03648   - 03600
        000   12 00000   14 00000   .07806   01795   .00274   .06867   -.02564   -.15682   - 03480   - 04030
       2.000   12 00000   14 00000   10771   .02309   00651   .06350   - 02487   -.15084   -.03708   -.04760
       4 000   12.00000   14 00000   .13841   .02827   .00964   .05759   -.02479   -.14559   -.04243   -.05578
       GRADIENT   .00000   00000   01513   00272   .00199   -.00158   -.00024   .00116   -.00087   -.00287

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA41)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE =	.0100			

BETA =	6.000	ELV-LI =	12.000
ELV-LO =	14.000	ELV-RI =	12.000
ELV-RO =	14.000		

RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	12 00000	14.00000	- 04181	-.00427	- 01724	.10195	-.02561	-.22481	-.02132	-.02509
-6.000	12.00000	14 00000	-.01398	.00055	-.01129	.09974	-.02799	-.22287	-.02119	-.02349
-4.000	12.00000	14 00000	.01723	.00613	- 00564	.09866	- 03094	-.22211	-.02177	-.02440
-2.000	12.00000	14.00000	04927	01209	-.00032	09878	-.03348	-.22443	- 02137	-.02528
.000	12.00000	14.00000	08371	01855	.00469	.09633	-.03547	-.22178	- 02273	-.02826
2 000	12.00000	14.00000	.11595	02418	.00955	.09348	-.03738	-.22003	-.02411	-.03131
4.000	12.00000	14 00000	.13726	.02746	01261	.09443	- 03840	-.22132	-.02395	-.03480
GRADIENT	.00000	00000	01534	.00274	.00232	-.00069	- 00094	.00030	-.00036	-.00134

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	12 00000	14.00000	- 04088	- 00380	-.01663	.11427	-.03019	- 24993	-.03301	-.03438
-6.000	12.00000	14 00000	-.00920	.00179	-.01100	10883	-.03220	- 24231	- 03583	-.03465
-4.000	12.00000	14.00000	.02378	.00768	- 00518	.10419	- 03459	-.23621	-.03753	-.03490
-2.000	12.00000	14 0J000	05623	.01379	-.00022	10193	- 03697	-.23327	-.03705	-.03801
.000	12 00000	14 00000	.08669	01945	.00379	.09824	-.03805	-.23149	-.03334	-.04331
2.000	12 00000	14 00000	11741	.02459	.00784	.09196	-.03806	- 22634	-.03357	-.04910
4.000	12.00000	14.00000	.14726	02978	01053	.98612	-.03905	-.21940	-.03675	-.05500
GRADIENT	.00000	.00000	.01541	.00275	.00197	-.00226	-.00050	.00203	.00025	-.00256

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA42)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14.00000	-.04879	-.00539	-.01995	-.11383	.03055	.27149	.02131	-.00732
-6.000	8.00000	14 00000	-.02827	-.00161	-.01596	-.10890	.03205	.26278	.02237	- 00702
-4.000	8.00000	14.00000	-.00717	.00230	-.01197	-.10420	.03328	.25216	.02293	-.01131
-2.000	8.00000	14.00000	01398	.00623	-.00807	- 10198	.03508	.24593	.02269	-.01449
000	8.00000	14.00000	03831	.01077	- 00370	- 09996	03729	.23935	.02110	-.01779
2 000	8.00000	14.00000	06453	.01559	.00077	- 09694	03918	.23420	.01875	-.02492
4 000	8.00000	14.00000	09821	02006	.00415	- 09868	.04096	.23906	.01494	-.03808
GRADIENT	.00000	00000	01207	.00224	.00205	.00080	.00097	- 00190	-.00100	- 00320

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8 00000	14 00000	-.07014	- 00836	-.01884	-.12282	.03597	.29282	01386	-.02406
-6.000	8.00000	14 00000	-.04496	- 00373	-.01536	-.11174	.03659	.27653	.00975	-.02156
-4.000	8 00000	14 00000	-.02024	.00078	-.01150	-.10213	.03688	.25983	.00881	-.02015
-2 000	8 00000	14 00000	00446	.00513	-.00712	-.09510	.03768	.24546	.00891	-.02123
000	8.00000	14 00000	02959	.00962	-.00318	-.09474	.03867	.23935	.00425	-.02293
2.000	8.00000	14.00000	05589	.01448	.00011	-.09216	.03939	23596	- 00304	-.03251
4.000	8.00000	14.00000	08089	.01927	.00286	- 08849	.04078	.23311	- 00770	-.04943
GRADIENT	.00000	.00000	.01268	.00232	.00180	00151	.00048	-.00315	- 00225	-.00349

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA43)   (18 AUG 76)

| REFERENCE DATA | | | | | | PARAMETRIC DATA | | | |

SREF = 2690.0000 SQ.FT.   XMRP =   976 0000 IN. XT   BETA   =   -4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14.00000	-.04887	-.00525	- 02019	-.07879	.01912	.18647	.01676	-.00865
-6.000	8.00000	14.00000	-.02819	-.00143	-.01617	-.07332	.02032	.17779	01799	-.00728
-4.000	8.00000	14 00000	- 00665	00257	-.01208	-.06978	.02135	.17042	.01824	-.01160
-2.000	8.00000	14 00000	01663	00673	- 00748	- 0684 ·	.02277	16567	.01855	-.01523
000	8 00000	14.00000	.04453	.01181	-.00270	- 06576	.02418	.15873	.01687	-.01887
2 000	8 00000	14.00000	.07247	.01720	.00158	-.06270	02534	.15372	.01308	-.02522
4.000	8.00000	14 00000	.09781	02182	.00528	- 06352	02620	15725	.01150	-.03632
GRADIENT	.00000	00000	.01324	.00245	.00219	00091	00061	-.00191	-.00095	-.00297

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14 00000	-.06699	-.00783	-.01857	-.08269	.02379	.19929	.01096	-.02503
-6.000	8.00000	14.00000	-.04108	-.00310	-.01488	-.07370	02402	.18561	.00482	-.02366
-4.000	8 00000	14 00000	- 01542	.00156	- 01076	- 06691	.02405	.17281	.00287	-.02306
-2.000	8.00000	14.00000	.01003	.00603	-.00618	-.06281	.02479	.16298	.00477	- 02351
.000	8 00000	14.00000	.03570	.01072	-.00208	-.06387	.02537	.15888	.00255	-.02470
2.000	8.00000	14 00000	.06296	.01595	.00102	-.06231	.02526	.15616	-.00622	-.03031
4.000	8.00000	14 00000	.09038	.02104	.00399	-.05808	02585	.15322	-.01348	-.04490
GRADIENT	.00000	.00000	.01323	.00244	.00183	00091	.00020	-.00230	-.00219	-.00252

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA44)   (18 AUG 76)

REFERENCE DATA

SREF = 2690.0000 SQ FT	XMRP = 976 0000 IN. XT
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT
SCALE = .0100	

PARAMETRIC DATA

BETA = 000	ELV-LI = 8.000
ELV-LO = 14.000	ELV-RI = 8.000
ELV-RO = 14.000	

RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14.00000	- 05437	-.00620	-.01956	-.00429	.00116	01563	.00124	-.01529
-6.000	8.00000	14.00000	- 02886	-.00171	-.01470	-.00123	.00055	.01065	.00414	-.01180
-4.000	8.00000	14 00000	-.00234	00296	-.00943	.00050	.00045	.00809	.00297	-.01400
-2.000	8.00000	14.30000	02453	00761	-.00385	00193	.00028	.00301	.00083	-.01787
000	8 00000	14.00000	.05656	.01364	.00106	.00279	-.00030	-.00120	.00106	-.02310
2.000	8 00000	14 00000	08696	.01949	.00516	00198	.00006	-.00043	.00056	-.02888
4.000	8 00000	14 00000	11370	02393	00987	.00143	.00019	.00078	.00143	-.03475
GRADIENT	00000	00000	01472	.00269	.00238	.00010	-.00004	-.00090	-.00017	-.00263

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	8.00000	14 00000	-.06078	-.00673	- 01778	-.0032?	.00137	.01709	00038	-.02711
-6 000	8 00000	14 00000	-.03288	-.00173	-.01348	00028	.00059	.01204	-.00495	-.02728
-4.000	8.00000	14.00000	-.00399	.00333	-.00860	.00369	-.00014	.00537	- 00837	-.02699
-2 000	8.00000	14 00000	02516	.00840	-.00329	.00567	-.00062	-.00110	-.00863	-.02706
.000	8.00000	14 00000	05282	01362	.00106	.00441	-.00098	- 00224	-.00552	- 02809
2.000	8.00000	14 00000	08163	01904	.00507	.00325	-.00101	-.00258	-.00951	-.03094
4 000	8 00000	14.90000	.10755	.02365	.00801	- 00008	.00027	.00249	-.02180	-.03921
GRADIENT	.00000	.00000	.01398	.00256	.00208	-.00050	.00002	-.00036	-.00139	-.00142

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA45)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14.00000	-.04975	-.00558	-.01708	.06741	-.01536	-.14659	-.01231	-.02084
-6 000	8.00000	14.00000	- 02325	-.00092	-.01156	.06596	- 01758	-.14520	-.00823	-.01807
-4 000	8.00000	14.00000	00659	.00446	-.00610	.06450	-.01956	-.14310	-.00769	-.01868
-2.000	8.00000	14 00000	03761	01009	- 00050	.06504	- 02161	-.14823	-.00912	-.02106
000	8 00000	14 00000	.07057	.01623	00430	06357	- 02301	-.14760	-.01007	- 02538
2.000	8 00000	14 00000	10197	.02200	00869	06180	-.02390	-.14613	-.01186	-.02949
4.000	8 00000	14.00000	12430	02558	.01238	06263	-.02440	- 14703	- 01170	-.03371
GRADIENT	.00000	00000	01498	.00271	.00231	-.00035	-.00060	- 00029	- 00054	-.00193

RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5.00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14.00000	-.05111	- 00529	- 01604	.07369	- 01884	-.15978	-.01043	-.02712
-6 000	8 00000	14.00000	- 02065	.00017	-.01103	.07179	- 02089	-.15689	-.01496	-.02658
-4 000	8 00000	14 00000	.01042	.00569	-.00578	07083	-.02289	-.15539	-.01819	-.02540
-2.000	8 00000	14 00000	04097	01131	- 00092	.07011	-.02476	-.15577	- 02037	-.02564
.000	8 00000	14 00000	07179	01717	00346	.06922	- 02603	- 15693	-.02042	- 02932
2 000	8.00000	14 00000	.10093	.02210	00804	.06435	- 02528	- 15254	- 02541	-.03804
4 000	8 00000	14.00000	12822	.02692	01111	.05710	-.02452	- 14475	- 03053	-.04813
GRADIENT	00000	.00000	.01478	.00266	.00214	-.00166	-.00019	.00123	-.00149	- 00289

LARC 8FT TPT /49 (IA93) OTSATI30   (MJJA46)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT          BETA   =    6.000   ELV-LI =   8.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT          ELV-LO =   14.000   ELV-RI =   8.000
BREF  =  1290.3000 INC'ES   ZMRP  =   400.0000 IN. ZT          ELV-RO =   14 000
SCALE =      .0100
```

RN/L -   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8 000	8.00000	14.00000	-.04900	-.00537	-.01638	.10223	-.02523	-.22501	-.01604	-.02241
-6 000	8 00000	14.00000	- 02174	-.00059	-.01066	.10076	-.02788	-.22383	-.01087	-.01968
-4.000	8.00000	14 00000	00898	.00495	-.00514	.09936	-.03076	-.22227	-.01025	-.02033
-2.000	8.00000	14 00000	04134	.01092	00033	09950	- 03337	-.22511	-.01131	-.02196
000	8 00000	14.00000	07576	01736	00530	09812	-.03558	-.22501	- 01274	-.02550
2 000	8 00000	14 00000	.10709	02295	.01007	09427	-.03713	-.22048	-.01403	-.02909
4.000	8.00000	14 00000	12708	02595	01332	.09517	-.03799	-.22187	- 01348	-.03265
GRADIENT	.00000	00000	.01511	00270	.00233	-.00068	-.00091	.00027	-.00046	-.00159

RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5 00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
-8.000	8.00000	14 00000	- 04801	-.00468	- 01538	.11452	- 03023	-.25009	-.01424	-.02862
-6 000	8 00000	14.00000	-.01613	00096	-.01000	.10960	-.03240	- 24322	-.02049	-.02781
-4 000	8.00000	14 00000	.01688	00682	- 00459	10559	-.03504	-.23806	-.02430	- 02570
-2 000	8 00000	14 00000	04925	.01283	00015	10267	-.03752	-.23516	-.02613	-.02603
000	8.00000	14 00000	07948	01850	.00442	.09944	-.03846	-.23260	-.02608	- 03185
2.000	8.00000	14 00000	.10921	.02348	.00901	.09225	-.03807	-.22614	-.02796	-.04077
4 000	8.00000	14 00000	.13751	.02841	.01209	.08606	- 03871	-.21902	-.03002	-.04842
GRADIENT	.00000	00000	.01506	.00269	.00211	- 00247	-.00039	.00236	-.00066	-.00301

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA47)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT	BETA =	-6.000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE =	.0100						

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	4.00000	-.06334	-.00901	-.01711	-.11596	.03109	.27340	.03093	.01121
.900	-6.000	8.00000	4.00000	-.04029	-.00471	-.01322	-.11015	.03216	.26439	.03033	.01370
.900	-4.000	8.00000	4.00000	-.01919	-.00073	-.00955	-.10562	.03329	.25403	.02994	.01513
.900	-2.000	8.00000	4.00000	.00105	.00298	-.00567	-.10434	.03483	.24867	.02958	.01931
.900	.000	8.00000	4.00000	.02363	.00681	-.00039	-.10222	.03628	.24168	.03026	.01908
.900	2.000	8.00000	4.00000	.04542	.01060	.00448	-.10124	.03713	.24018	.03181	.01085
.900	4.000	8.00000	4.00000	.06619	.01453	.00796	-.10224	.04034	.24277	.03000	-.00298
	GRADIENT	.00000	.00000	.01076	.00191	.00226	.00049	.00082	-.00155	.00012	-.00223

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	4.00000	-.08696	-.01254	-.01533	-.12257	.03537	.29170	.02059	.02962
.975	-6.000	8.00000	4.00000	-.06277	-.00808	-.01181	-.11197	.03637	.27621	.01677	.03084
.975	-4.000	8.00000	4.00000	-.03848	-.00375	-.00769	-.10311	.03714	.26178	.01576	.03168
.975	-2.000	8.00000	4.00000	-.01399	.00061	-.00350	-.09595	.03784	.24710	.01680	.03005
.975	.000	8.00000	4.00000	.01071	.00492	.00062	-.09557	.03910	.24002	.01777	.02353
.975	2.000	8.00000	4.00000	.03608	.00958	.00435	-.09347	.04004	.23666	.01886	.01465
.975	4.000	8.00000	4.00000	.05923	.01409	.00703	-.09298	.04138	.23831	.02225	.00382
	GRADIENT	.00000	.00000	.01227	.00223	.00187	.00114	.00053	-.00287	.00075	-.00356

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	4.00000	-.05975	-.00767	-.00524	-.10722	.03858	.26969	.07494	.02352
1.150	-4.000	8.00000	4.00000	-.03373	-.00296	-.00153	-.09985	.04069	.25692	.07038	.01109
1.150	-2.000	8.00000	4.00000	-.00601	.00208	.00212	-.09809	.04258	.24901	.06482	-.00165
1.150	.000	8.00000	4.00000	.02312	.00746	.00506	-.10118	.04326	.24595	.05441	-.01194
1.150	2.000	8.00000	4.00000	.04977	.01239	.00710	-.10260	.04423	.24781	.04197	-.02160
	GRADIENT	.00000	.00000	.01398	.00257	.00144	-.00057	.00056	-.00152	-.00478	-.00542

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA47)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA	=	-6.000
ELV-LO	=	4.000
ELV-RO	=	4.000

ELV-LI =	8.000
ELV-RI =	8.000

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	-.09065	-.01183	-.00597	-.11957	.03832	.28817	.07727	.02119
1.205	-6.000	8.00000	4.00000	-.05516	-.00705	-.00328	-.11021	.04043	.27349	.07131	.00930
1.205	-4.000	8.00000	4.00000	-.02796	-.00195	-.00048	-.10292	.04165	.26180	.06637	-.00184
1.205	-2.000	8.00000	4.00000	.00048	.00339	.00234	-.10032	.04236	.25223	.06162	-.01099
1.205	.000	8.00000	4.00000	.02781	.00846	.00500	-.10371	.04291	.25017	.05344	-.02075
1.205	2.000	8.00000	4.00000	.05163	.01296	.00674	-.10510	.04382	.24973	.04347	-.02997
1.205	4.000	8.00000	4.00000	.07286	.01683	.00841	-.10258	.04513	.24999	.03154	-.03616
	GRADIENT	.00000	.00000	.01264	.00236	.00111	-.00020	.00042	-.00131	-.00439	-.00438

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA48)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE	=	.0100		

BETA	=	-4.000
ELV-LO	=	4.000
ELV-RO	=	4.000

ELV-LI =	8.000
ELV-RI =	8.000

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	4.00000	-.06357	-.00890	-.01740	-.07967	.01944	.18682	.02969	.00913
.900	-6.000	8.00000	4.00000	-.03964	-.00447	-.01334	-.07400	.02041	.17851	.02860	.01281
.900	-4.000	8.00000	4.00000	-.01841	-.00049	-.00935	-.06979	.02115	.16951	.02762	.01471
.900	-2.000	8.00000	4.00000	.00284	.00332	-.00502	-.06924	.02240	.16569	.02691	.01888
.900	.000	8.00000	4.00000	.02710	.00748	.00042	-.06609	.02317	.15737	.02695	.01871
.900	2.000	8.00000	4.00000	.05249	.01171	.00611	-.06677	.02367	.15915	.03129	.01469
.900	4.000	8.00000	4.00000	.07391	.01583	.00952	-.06629	.02570	.15956	.02878	.00022
	GRADIENT	.00000	.00000	.01171	.00205	.00244	.00047	.00052	-.00132	.00034	-.00166

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA48)   (18 AUG 76)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE =	.0100		

PARAMETRIC DATA

BETA =	-4.000	ELV-LI =	8.000
ELV-LO =	4.000	ELV-RI =	8.000
ELV-RO =	4.000		

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	4.00000	-.08440	-.01205	-.01497	-.08288	.02354	.19894	.01854	.02939
.975	-6.000	8.00000	4.00000	-.05919	-.00751	-.01120	-.07362	.02392	.18580	.01239	.03068
.975	-4.000	8.00000	4.00000	-.03397	-.00307	-.00692	-.06614	.02382	.17247	.01082	.03191
.975	-2.000	8.00000	4.00000	-.01020	.00127	-.00288	-.06190	.02437	.16136	.01297	.03142
.975	.000	8.00000	4.00000	.01396	.00572	.00098	-.06359	.02534	.15871	.01552	.02738
.975	2.000	8.00000	4.00000	.04291	.01102	.00524	-.06188	.02518	.15485	.01522	.01922
.975	4.000	8.00000	4.00000	.06760	.01583	.00792	-.05794	.02555	.15214	.01530	.00808
	GRADIENT	.00000	.00000	.01281	.00238	.00189	.00082	.00021	-.00236	.00056	-.00299

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	4.00000	-.05362	-.00683	-.00458	-.06991	.02486	.18041	.07102	.03042
1.150	-4.000	8.00000	4.00000	-.02643	-.00181	-.00095	-.06510	.02658	.17093	.06537	.02037
1.150	-2.000	8.00000	4.00000	.00354	.00377	.00268	-.06498	.02777	.16397	.06091	.00742
1.150	.000	8.00000	4.00000	.03396	.00945	.00560	-.07014	.02835	.16397	.05371	-.00438
1.150	2.000	8.00000	4.00000	.06075	.01434	.00762	-.07143	.02922	.16588	.04165	-.01567
	GRADIENT	.00000	.00000	.01460	.00271	.00143	-.00121	.00042	-.00076	-.00392	-.00600

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	-.07607	-.01119	-.00561	-.07806	.02515	.19309	.07421	.02822
1.205	-6.000	8.00000	4.00000	-.04798	-.00596	-.00287	-.07228	.02680	.18368	.06800	.01782
1.205	-4.000	8.00000	4.00000	-.01841	-.00031	-.00030	-.06724	.02733	.17409	.06379	.00617
1.205	-2.000	8.00000	4.00000	.01140	.00532	.00251	-.06608	.02763	.16598	.06138	-.00331
1.205	.000	8.00000	4.00000	.03952	.01038	.00529	-.07008	.02821	.16544	.05499	-.01367
1.205	2.000	8.00000	4.00000	.06424	.01492	.00736	-.07192	.02895	.16610	.04483	-.02435
1.205	4.000	8.00000	4.00000	.08455	.01865	.00897	-.07058	.03026	.16791	.03372	-.03200
	GRADIENT	.00000	.00000	.01294	.00238	.00117	-.00063	.00036	-.00061	-.00383	-.00487

TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130

(MJJA49)   (18 AUG 76)

REFERENCE DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE =   .0100

PARAMETRIC DATA

BETA   =   .000   ELV-LI = 8.000
ELV-LO = 4.000   ELV-RI = 8.000
ELV-RO = 4.000

RUN NO. 0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	4.00000	-.06748	-.00945	-.01678	-.00643	.00174	.01852	.01993	.00353
.900	-6.000	8.00000	4.00000	-.04069	-.00473	-.01189	-.00218	.00060	.01113	.01905	.00900
.900	-4.000	8.00000	4.00000	-.01660	-.00044	-.00682	.00017	.00013	.00816	.01631	.01422
.900	-2.000	8.00000	4.00000	.01122	.00428	-.00105	.00059	-.00004	.00595	.01619	.01657
.900	.000	8.00000	4.00000	.03706	.00889	.00481	.00179	-.00063	-.00026	.01803	.01975
.900	2.000	8.00000	4.00000	.06289	.01329	.01045	.00169	-.00041	-.00114	.02184	.02017
.900	4.000	8.00000	4.00000	.08195	.01660	.01363	.00192	-.00014	-.00094	.02714	.00956
	GRADIENT	.00000	.00000	.01244	.00215	.00262	.00023	-.00005	-.00126	.00137	-.00029

RUN NO 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	4.00000	-.07764	-.01117	-.01353	-.00444	.00145	.01882	.00774	.02805
.975	-6.000	8.00000	4.00000	-.05032	-.00623	-.00914	-.00152	.00082	.01438	.00226	.02943
.975	-4.000	8.00000	4.00000	-.02359	-.00149	-.00437	-.00242	.00005	.00616	-.00160	.03232
.975	-2.000	8.00000	4.00000	.00384	.00328	.00052	.00557	-.00058	-.00204	-.00143	.03349
.975	.000	8.00000	4.00000	.03294	.00864	.00482	.00532	-.00116	-.00438	.00134	.03190
.975	2.000	8.00000	4.00000	.06200	.01417	.00861	.00295	-.00111	-.00144	.00443	.02745
.975	4.000	8.00000	4.00000	.08627	.01878	.01159	.00029	-.00032	.00231	.00691	.01766
	GRADIENT	.00000	.00000	.01389	.00257	.00200	-.00034	-.00006	-.00036	.00114	-.00177

RUN NO 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	4.00000	-.04256	-.00502	-.00294	.00021	.00072	.01046	.06307	.03266
1.150	-4.000	8.00000	4.00000	-.00897	.00124	.00042	.00272	.00008	.00575	.05662	.03542
1.150	-2.000	8.00000	4.00000	.02680	.00779	.00394	.00278	-.00028	.00236	.05276	.02671
1.150	.000	8.00000	4.00000	.05642	.01321	.00700	.00055	-.00034	.00112	.05013	.01195
1.150	2.000	8.00000	4.00000	.08203	.01774	.00957	-.00157	.00009	.00259	.04249	-.00185
	GRADIENT	.00000	.00000	.01513	.00275	.00153	-.00075	-.00000	-.00054	-.00225	-.00533

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA49)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	-.06532	-.00954	-.00502	-.00065	.00190	.01367	.07000	.03093
1.205	-6.000	8.00000	4.00000	-.03342	-.00345	-.00253	.00112	.00158	.01115	.06435	.02901
1.205	-4.000	8.00000	4.00000	-.00072	.00283	-.00043	.00391	.00056	.00558	.05912	.02293
1.205	-2.000	8.00000	4.00000	.03222	.00871	.00275	.00608	-.00034	-.00137	.05582	.01383
1.205	.000	8.00000	4.00000	.06200	.01395	.00625	.00377	-.00016	-.00192	.05410	.00082
1.205	2.000	8.00000	4.00000	.08533	.01821	.00855	.00033	.00027	-.00179	.04929	-.01046
1.205	4.000	8.00000	4.00000	.10573	.02200	.01037	-.00101	.00056	.00389	.03891	-.02110
	GRADIENT	.00000	.00000	.01330	.00239	.00137	-.00078	.00003	-.00001	-.00235	-.00562

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA50)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	4.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	4.00000	-.06307	-.00869	-.01509	.06621	-.01525	-.14493	.00204	-.00347
.900	-6.000	8.00000	4.00000	-.03668	-.00401	-.00976	.06609	-.01820	-.14592	.00630	.00363
.900	-4.000	8.00000	4.00000	-.00938	.00089	-.00400	.06462	-.02039	-.14422	.00850	.01202
.900	-2.000	8.00000	4.00000	.02152	.00608	.00257	.06370	-.02193	-.14681	.00821	.01629
.900	.000	8.00000	4.00000	.04807	.01098	.00808	.06396	-.02372	-.14903	.00820	.01847
.900	2.000	8.00000	4.00000	.07322	.01546	.01276	.06224	-.02398	-.14695	.00830	.01774
.900	4.000	8.00000	4.00000	.09054	.01800	.01561	.06408	-.02443	-.14795	.00973	.01163
	GRADIENT	.00000	.00000	.01258	.00218	.00247	-.00013	-.00051	-.00038	.00013	.00003

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA50.)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	4.000	ELV-LI	=	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	4.000	ELV-RI	=	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	4.000			
SCALE	=	.0100										

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	4.00000	- 06995	-.01002	-.01252	.07312	-.01840	-.15868	-.00328	.02393
.975	-6.000	8.00000	4 00000	-.03868	- 00449	- 00712	.07018	-.02022	-.15399	-.00666	.02454
975	-4.000	8.00000	4.00000	-.00849	.00091	- 00187	.06889	-.02226	-.15336	-.00816	.02670
975	-2.000	8.00000	4.00000	.02089	.00633	.00275	.06886	-.02442	-.15531	-.00713	.02802
975	.000	8 00000	4 00000	05162	01223	.00716	06760	-.02591	-.15334	-.00290	.02842
.975	2 000	8 00000	4.00000	08007	.01753	01069	06402	-.02603	- 15145	-.00218	.02464
.975	4.000	8.00000	4.00000	.10810	.02211	01513	05789	-.02541	- 14560	-.00321	01915
	CRADIENT	00000	00000	.01462	00268	.00210	- 00134	-.00040	.00097	.00074	- 00092

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	8.00000	4.00000	- 02397	-.00178	- 00328	.06867	-.02124	-.15321	.04790	.02906
1.150	-4 000	8 00000	4 00000	.01289	.00498	00029	.06850	- 02455	- 15305	.04360	03440
1.150	-2.000	8 00000	4 00000	04604	.01096	00387	.06901	-.02688	- 15390	03927	03735
1.150	.000	8 00000	4.00000	.07504	01629	00689	.06982	-.02813	-.15745	.03278	.02916
1.150	.2.000	8.00000	4.00000	.10049	.02088	00976	06939	-.02924	-.15745	.02584	01529
	GRADIENT	00000	.00000	01459	00265	.00157	.00018	-.00062	-.00084	-.00299	-.00328

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	-.05391	-.00721	- 00809	.07260	-.01908	-.15766	.05847	.02745
1.205	-6.000	8 00000	4.00000	-.01732	-.00048	-.00519	.07246	-.02218	-.15687	.05452	02981
1.205	-4.000	8 00000	4.00000	01735	.00580	-.00193	.07210	-.02476	-.15701	.05079	03380
1.205	-2.000	8.00000	4.00000	.04681	01120	.00141	.07220	-.02667	-.15824	04725	.03047
1.205	.000	8.00000	4.00000	07522	01638	00456	07292	-.02784	- 16055	.04232	.01892
1.205	2.000	8 00000	4.00000	10092	.02091	00761	.07348	-.02853	-.16217	.03564	.00497
1 205	4.000	8 00000	4 00000	.12445	.02494	01048	.07056	-.02887	-.15971	.02851	-.00717
	GRADIENT	.00000	00000	01341	00240	.00155	- 00009	-.00050	-.00047	-.00281	-.00537

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA51)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4 000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	8.00000	4.00000	-.06325	-.00851	- 01455	.10244	-.02559	-.22546	-.00212	-.00327
.900	-6.000	8 00000	4.00000	-.03532	-.00368	- 00884	.10115	-.02858	-.22435	.00319	.00436
.900	-4.000	8.00000	4.00000	- 00584	00149	-.00261	.09993	-.03189	-.22369	.00552	.01217
.900	-2 000	8.00000	4 00000	02486	.00681	.00397	.09954	- 03412	- 22546	.00469	.01539
.900	000	8.00000	4.00000	.05279	.01190	.00962	.09894	- 03616	- 22517	.00406	.01740
.900	2 000	8 00000	4.00000	07620	.01598	.01395	.09681	- 03742	-.22342	.00392	01679
.900	4.000	8.00000	4.00000	09379	.01850	01629	.09699	-.03789	-.22311	.00426	.01213
	GRADIENT	.00000	00000	.01253	00216	00239	- 00043	-.00077	00016	-.00016	.00007

RUN NO   0/ 0   RN/L = 4 09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
975	-8.000	8.00000	4 00000	-.06680	- 00941	-.01163	11390	-.02982	-.25003	-.00619	02363
.975	-6.000	8.00000	4 00000	-.03539	- 00386	- 00615	10922	-.03211	-.24344	-.01119	.02346
.975	-4 000	8.00000	4.00000	-.00361	.00185	- 00091	10470	-.03473	-.23769	-.01337	.02470
.975	-2.000	8.00000	4.00000	02930	.00793	00387	.10152	-.03727	-.23443	-.01171	.02527
.975	000	8 00000	4.00000	.06087	.01404	00779	09919	- 03918	- 23217	-.00698	.02542
.975	2.000	8.00000	4 00000	08907	.01904	.01182	.09253	- 03914	- 22569	-.00462	.02282
975	4.000	8.00000	4 00000	11505	02326	.01608	08752	- 03969	- 22027	-.00376	.01925
	GRADIENT	.00000	00000	.01485	.00270	.00210	-.00217	-.00059	.00218	.00132	-.00067

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	4 00000	- 01653	-.00036	-.00412	.10422	-.03338	-.23649	.04340	.02834
1.150	-4.000	8 00000	4.00000	.02099	.00641	-.00048	.10119	- 03728	-.23352	.03939	.03209
1.150	-2.000	8.00000	4 00000	.03312	.01225	.00301	09957	- 04024	-.23186	.03477	.03684
1.150	.000	8.00000	4.00000	.08237	.01750	00625	10033	-.04180	-.23442	.02784	.03434
1.150	2.000	8.00000	4.00000	.11020	02236	.00949	.09937	-.04223	-.23417	.02048	02307
	GRADIENT	.00000	00000	.01484	.00266	.00166	-.00023	-.00082	-.00023	-.00318	- 00148

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA51)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	6.000 ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN. YT	ELV-LO =	4.000 ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	4.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8 00000	4.00000	- 04959	-.00620	-.00970	.11176	- 03106	-.24757	.05361	.02682
1.205	-6 000	8 00000	4.00000	- 01213	00048	- 00651	.10856	- 03490	-.24259	05022	02819
1.205	-4 000	8 00000	4 00000	02297	.00673	- 00310	.10606	-.03795	-.23957	.04596	.03375
1.205	-2 000	8.00000	4.00000	05347	.01224	00029	.10448	-.04027	-.23802	.04105	.03443
1.205	000	8.00000	4 00000	08234	.01746	-.00364	10507	- 04174	-.24024	.03531	.02584
1.205	2.000	8 00000	4.00000	10909	.02208	.00702	.10508	-.04260	-.24156	.02858	.01307
1.205	4 000	8.00000	4 00000	.13196	.02600	.00990	.10188	-.04344	- 23884	.02320	.00004
	GRADIENT	00000	.00000	.01368	00242	.00164	- 00039	-.00067	- 00010	-.00290	-.00444

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA52)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.	XMRP =	976.0000 IN XT	BETA =	-6.000 ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	0000 IN YT	ELV-LO =	-5.000 ELV-RI =	8 000
BREF = 1290.3000 INCHES	ZMRP =	400 0000 IN. ZT	ELV-RO =	-5.000	
SCALE = .0100					

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	8 00000	-5.00000	-.06595	-.01056	- 00141	-.10787	.03911	.27070	.08640	.06634
1 150	-4.000	8 00000	-5.00000	- 03986	- 00576	.00225	-.10024	04141	.25765	.07935	.05055
1.150	-2 000	8 00000	-5.00000	-.01239	-.00081	00591	-.09809	.04338	.24963	07113	.03485
1.150	.000	8 00000	-5 00000	01420	.00424	.00841	-.10136	04457	.24800	.06082	.02221
1.150	2.000	8 00000	-5 00000	.04261	.00962	.01041	-.10266	.04521	.24803	.04881	00949
	GRADIENT	.00000	.00000	.01370	.00256	.00135	-.00053	.00063	-.00152	-.00510	- 00679

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8 000	8.00000	-5.00000	-.08619	-.01462	-.00233	-.11931	.03839	.28811	.08555	.06572
1.205	-6.000	8.00000	-5.00000	-.06077	-.00980	.00046	-.10980	.04087	.27328	.07762	.04996
1.205	-4.000	8.00000	-5.00000	-.03378	-.00467	.00321	-.10300	.04257	.26174	.07088	.03528
1.205	-2.000	8.00000	-5 00000	-.00587	.00063	00584	-.10033	.04336	.25192	.06546	.02428
1.205	000	8.00000	-5 00000	.02129	.00576	.00833	-.10318	.04366	.24990	.05801	.01385
1.205	2.000	8.00000	-5 00000	04671	.01064	00989	-.10472	.04422	.24977	.04840	.00424
1.205	4.000	8 00000	-5.00000	.06713	.01471	01058	-.10241	.04544	.25062	.03474	-.00437
	GRADIENT	00000	00000	.01272	00244	00094	-.00016	.00033	-.00122	-.00447	-.00497

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA53) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA = -4.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = -5.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE = 0100

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	8.00000	-5.00000	-.06003	-.00978	-.00079	-.07128	.02529	.18242	.08255	.07531
1.150	-4 000	8.00000	-5.00000	-.03236	-.00465	00294	- 06616	.02704	.17217	.07600	.06284
1.150	-2.000	8.00000	-5.00000	- 00355	00081	.00630	- 06567	.02835	16456	.06727	.04628
1.150	.000	8.00000	-5 00000	.02536	00630	.00880	-.06992	.02941	.16454	.05911	.03222
1.150	2 000	8.00000	-5.00000	05370	.01165	01069	-.07149	02996	.16618	04783	01762
	GRADIENT	.00000	.00000	.01435	.00272	00129	- 00101	00049	- 00090	-.00463	- 00749

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	-5 00000	-.08119	-.01392	-.00181	-.07819	.02521	.19309	.08085	.07347
1.205	-6.000	8.00000	-5.00000	-.05409	-.00877	.00075	- 07238	.02726	18449	.07418	06021
1.205	-4.000	8.00000	-5.00000	- 02575	-.00328	.00317	- 06706	.02813	17472	.06859	.04551
1.205	-2 000	8.00000	-5.00000	00450	.00245	.00597	- 06611	.02850	16668	.06422	.03315
1.205	.000	8.00000	-5 00000	.03358	.00789	00841	- 07100	.02919	16752	.05760	.02064
1.205	2.000	8.00000	-5 00000	.05824	01268	.00983	-.07187	.02929	16697	.04950	.00960
1.205	4 000	8.00000	-5.00000	.07P06	.01675	01069	-.06990	.03011	.16740	.03910	-.00049
	GRADIENT	.00000	00000	.01316	.00251	00094	- 00057	.00024	-.00072	-.00369	-.00578

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA54) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT XMRP = 976.0000 IN. XT   BETA = .000 ELV-LI = 8.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = -5 000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400 0000 IN. ZT   ELV-RO = -5 000
SCALE = .0100

RUN NO. 0/ 0 RN/L = 4 21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	-.04889	-.00791	.00074	-.00192	.00120	.01374	.06847	07900
1.150	-4.000	8.00000	-5.00000	- 01452	-.00158	.00436	.00034	.00068	.00908	.06300	.07959
1.150	-2.000	8.00000	-5.00000	.02043	.00495	.00754	.00154	.00004	00327	.05894	.06951
1.150	.000	8.00000	-5.00000	05033	.01071	.00982	-.00021	-.00017	.00215	.05432	.05311
1.150	2.000	8.00000	-5.00000	07660	01565	.01175	-.00125	-.00014	.00147	.04630	.03701
	GRADIENT	.00000	00000	.01516	.00287	.00122	-.00033	-.00013	-.00120	-.00274	-.00721

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA54)   (18 AUG 76)

REFERENCE DATA	PARAMETRIC DATA
SREF = 2690.0000 SQ.FT, XMRP = 976.0000 IN. XT	BETA = .000 ELV-LI = 8.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT	ELV-LO = -5.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT	ELV-RO = -5.000
SCALE = .0100	

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	-5.00000	-.07140	-.01237	-.00139	-.00195	.00208	01583	.07459	.07768
1.205	-6.000	8.00000	-5.00000	-.04029	-.00635	00088	.00043	.00162	.01198	06908	.07564
1.205	-4.000	8.00000	-5.00000	- 00773	- 00004	00299	.00357	.00067	.00569	06393	06773
1.205	-2 000	8 00000	-5 00000	.02729	.00636	.00619	.00452	.00010	00132	.06051	.05483
1.205	000	8 00000	-5 00000	.05845	.01194	00907	.00288	.00005	-.00019	.05836	03986
1.205	2 000	8 00000	-5 00000	.08162	01633	01088	.00015	00029	.00228	.05254	02583
1.205	4.000	8.00000	-5 00000	.10318	02032	.01292	-.00082	.00035	.00372	.04331	.01285
	GRADIENT	.00000	00000	.01381	00253	.00123	-.00066	-.00002	-.00015	-.00246	-.00694

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA55)   (18 AUG 76)

REFERENCE DATA	PARAMETRIC DATA
SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT	BETA = 4.000 ELV-LI = 8.000
LREF = 1290 3000 INCHES YMRP = 0000 IN. YT	ELV-LO = -5.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES ZMRP = 400 0000 IN. ZT	ELV-RO = -5.000
SCALE = .0100	

RUN NO.   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6 000	8.00000	-5 00000	-.03285	-.00488	.00014	.06740	- 02121	-.15219	.04981	.07640
1.150	-4 000	8 00000	-5.00000	.00521	.00214	.00358	.06733	-.02480	-.15272	.04588	07987
1.150	-2.000	8 00000	-5.00C00	03976	.00859	.00664	06749	-.02736	- 15348	.04220	08181
1.150	.000	8 00000	-5.00000	06753	.01398	.00879	06861	-.02885	-.15575	.03720	.07407
1.150	2.000	8.00000	-5 00000	.09505	.01893	.01178	.06863	-.02882	- 15662	.03014	05716
	GRADIENT	00000	.00000	.01487	00279	.00134	00025	-.00069	-.00070	- 00261	- 00379

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	-5.00000	-.06170	-.01018	-.00482	.07300	-.01927	- 15883	.06057	.07401
1.205	-6 000	8.00000	-5.00000	-.02453	-.00324	-.00206	.07186	- 02245	-.15687	.05683	.07556
1.205	-4.000	8.00000	-5.00000	.01164	.00343	.00083	07018	- 02501	-.15485	.05338	.07833
1.205	-2 000	8.00000	-5.00000	.04312	.00927	.00390	07052	-.02717	-.15645	.04974	.07393
1.205	.000	8.00000	-5.00000	07221	01458	.00721	.07217	-.02862	-.16068	.04433	.06129
1.205	2.000	8.00000	-5.00000	09775	.01913	01010	.07302	-.02905	-.16222	.03773	.04470
1 205	4.000	8.00000	-5 00000	11970	.02302	.01249	.06962	-.02880	-.15877	.03070	.02842
	GRADIENT	00000	.00000	01354	.00245	00148	.00007	-.00047	-.00068	-.00287	-.00645

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA56)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                          RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	-.02501	-.00342	-.00070	.10308	-.03340	-.23610	.04405	.07594
1.150	-4.000	8.00000	-5.00000	.01374	.00376	.00242	.09982	-.03766	-.23319	.04009	.07801
1.150	-2.000	8.00000	-5.00000	.04804	.01016	.00550	.09814	-.04095	-.23141	.03704	.08169
1.150	.000	8.00000	-5.00000	.07718	.01554	.00846	.09909	-.04272	-.23317	.03094	.07972
1.150	2.000	8.00000	-5.00000	.10488	.02048	.01136	.09858	-.04322	-.23457	.02392	.06676
	GRADIENT	.00000	.00000	.01513	.00278	.00149	-.00014	-.00092	-.00030	-.00273	-.00179

                          RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	-5.00000	-.05736	-.00911	-.00631	.11115	-.03106	-.24717	.05729	.07305
1.205	-6.000	8.00000	-5.00000	-.01873	-.00208	-.00351	.10747	-.03518	-.24159	.05238	.07353
1.205	-4.000	8.00000	-5.00000	.01818	.00458	-.00045	.10442	-.03854	-.23797	.04748	.07761
1.205	-2.000	8.00000	-5.00000	.04925	.01030	.00263	.10302	-.04100	-.23686	.04310	.07817
1.205	.000	8.00000	-5.00000	.07765	.01551	.00586	.10368	-.04239	-.23904	.03741	.07006
1.205	2.000	8.00000	-5.00000	.10483	.02023	.00926	.10401	-.04318	-.24070	.03087	.05465
1.205	4.000	8.00000	-5.00000	.12720	.02406	.01206	.10064	-.04346	-.23751	.02512	.03780
	GRADIENT	.00000	.00000	.01368	.00244	.00158	-.00033	-.00060	-.00015	-.00285	-.00516

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA57)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	= -6.000
ELV-LO	= 9.000
ELV-RO	= 9.000
ELV-LI	= 8.000
ELV-RI	= 8.000

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	9.00000	-.05378	-.00677	-.01872	-.11456	.03022	.27304	.02837	.00925
.900	-6.000	8.00000	9.00000	-.03284	-.00293	-.01477	-.10919	.03140	.26384	.02872	.01298
.900	-4.000	8.00000	9.00000	-.01223	.00093	-.01082	-.10413	.03244	.25221	.02826	.01124
.900	-2.000	8.00000	9.00000	.00848	.00477	-.00696	-.10234	.03429	.24631	.02740	.00867
.900	.000	8.00000	9.00000	.03192	.00905	-.00240	-.10081	.03633	.24041	.02782	.00531
.900	2.000	8.00000	9.00000	.05741	.01365	.00245	-.09860	.03775	.23709	.02537	-.00349
.900	4.000	8.00000	9.00000	.08029	.01793	.00584	-.10005	.03973	.24097	.01902	-.02004
	GRADIENT	.00000	.00000	.01170	.00214	.00214	.00059	.00090	-.00159	-.00103	-.00374

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	9.00000	-.07445	-.00989	-.01715	-.12176	.03498	.29163	.01359	.00396
.975	-6.000	8.00000	9.00000	-.04946	-.00529	-.01356	-.11087	.03578	.27576	.00933	.00567
.975	-4.000	8.00000	9.00000	-.02533	-.00090	-.00970	-.10129	.03620	.25972	.00795	.00692
.975	-2.000	8.00000	9.00000	-.00073	.00342	-.00530	-.09425	.03696	.24541	.00797	.00655
.975	.000	8.00000	9.00000	.02399	.00785	-.00119	-.09397	.03799	.23863	.01061	.00432
.975	2.000	8.00000	9.00000	.04930	.01255	.00217	-.09165	.03878	.23604	.01314	-.00198
.975	4.000	8.00000	9.00000	.07279	.01717	.00462	-.08880	.03978	.23446	.01450	-.01739
	GRADIENT	.00000	.00000	.01231	.00226	.00180	.00138	.00045	-.00299	.00091	-.00286

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	-.05557	-.00594	-.00789	-.10819	.03887	.27137	.07150	.00052
1.150	-4.000	8.00000	9.00000	-.02924	-.00114	-.00426	-.10052	.04066	.25776	.06535	-.01008
1.150	-2.000	8.00000	9.00000	-.00082	.00399	-.00054	-.09787	.04208	.24831	.05811	-.02140
1.150	.000	8.00000	9.00000	.02812	.00929	.00244	-.10141	.04301	.24702	.04744	-.03050
1.150	2.000	8.00000	9.00000	.05511	.01424	.00459	-.10254	.04369	.24766	.03602	-.03825
	GRADIENT	.00000	.00000	.01410	.00257	.00148	-.00048	.00050	-.00158	-.00493	-.00468

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA57)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9 000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1 205	-8.000	8.00000	9.00000	-.07516	-.01021	-.00828	-.11902	.03791	.28764	.07593	.00021
1 205	-6.000	8.00000	9.00000	-.04936	-.00531	-.00558	-.10964	.03989	.27259	.06925	-.00977
1.205	-4.000	8.00000	9 00000	-.02193	-.00008	-.00287	-.10213	.04094	.26006	.06315	-.02089
1.205	-2 000	8.00000	9 00000	.00685	.00529	-.00000	- 09952	04160	.25071	.05781	- 02995
1.205	000	8.00000	9.90000	03503	.01042	.00297	-.10319	.04230	.24914	.05014	- 03834
1.205	2 000	8.00000	9 00000	05937	.01495	.00483	- 10432	04318	.24913	.04034	- 04620
1.205	4 000	8.00000	9 00000	.08049	.01881	.00649	-.10126	04423	- .24920	.02812	-.05159
	GRADIENT	.00000	.00000	01287	.00237	.00118	-.00015	00041	- 00116	-.00438	-.00388

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJA58)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN ZT
SCALE	=	.0100			

BETA	=	-4 000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	8 00000	9.00000	-.05416	-.00665	-.01898	- 07910	.01872	.18751	.02656	.00824
.900	-6.000	8 00000	9.00000	-.03281	-.00274	-.01490	-.07304	01956	.17764	.02681	.01324
.900	-4 000	8 00000	9.00000	-.01215	.00113	-.01081	- 06974	.02034	16885	.02603	.01230
900	-2.000	8 00000	9.00000	.01053	.00513	-.00622	- 06783	.02185	.16554	.02507	.00981
900	.000	8 00000	9 00000	03757	.01000	-.00135	- 06582	.02326	.15912	.02425	.00619
.900	2.000	8.00000	9 00000	06439	01504	.00337	-.06413	.02427	.15674	.02267	- 00173
.900	4.000	8.00000	9 00000	08836	.01950	.00681	-.06492	02526	.16002	.01642	- 01792
	GRADIENT	00000	.00000	.01274	.00233	.00227	.00057	.00061	- 00132	-.00108	- 00360

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA58)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	8.000
ELV-LO	=	9.000	ELV-RI	=	8.000
ELV-RO	=	9.000			

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
975	-8.000	8 00000	9.00000	-.07095	-.00931	-.01674	-.08233	02314	.19944	.01075	.00352
.975	-6.000	8.00000	9.00000	-.04495	-.00462	-.01290	-.07315	02333	.18571	.00500	.00491
.975	-4.000	8.00000	9.00000	-.02040	-.00015	-.00894	-.06562	.02325	.17196	.00268	.00575
.975	-2.000	8.00000	9.00000	.00446	00425	- 00442	- 06147	02395	.16181	.00330	00541
975	.000	8.00000	9 00000	03000	00890	- 00006	-.06247	02444	15684	.00758	-.00456
.975	2 000	8.00000	9 00000	05655	01398	.00327	- 06121	.02447	.15531	00868	-.00080
.975	4.000	8.00000	9.00000	.08349	01900	00620	- 05682	.02475	.15291	00889	-.01254
	GRADIENT	.00000	00000	.01299	.00240	.00190	.00089	00018	-.00223	00089	-.00206

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8 00000	9 00000	-.04867	-.00501	-.00711	-.07059	.02503	.18091	.06903	00555
1.150	-4 000	8.00000	9.00000	- 02032	00021	-.00340	-.06587	.02665	.17187	.06173	-.00249
1.150	-2 000	8 00000	9 00000	.00989	.00581	.00019	- 06481	.02733	.16341	.05538	-.01378
1.150	000	8.00000	9 00000	.03956	01132	00310	-.06959	.02789	.16338	.04646	-.02430
1.150	2 000	8.00000	9 00000	.06634	.01618	.00525	-.07068	.02852	16455	.03563	-.03351
	GRADIENT	.00000	00000	.01448	.00267	.00144	-.00096	.00031	-.00110	-.00436	-.00518

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8 000	8.00000	9.00000	-.06984	-.00949	-.00783	-.07746	02469	.19204	.07481	.00488
1.205	-6.000	8.00000	9 00000	-.04196	-.00419	- 00519	- 07152	.02608	.18243	06804	-.00345
1.205	-4 000	8.00000	9 00000	-.01227	.00156	- 00261	- 06614	.02651	.17222	.06135	- 0'399
1.205	-2 000	8 00000	9 00000	.01801	.00723	.00023	- 06486	.02690	.16411	.05738	- 02318
1.205	000	8.00000	9 00000	.04643	.01234	00315	-.06977	.02771	.16489	05127	- 03234
1.205	2 000	8 00000	9 00000	.07198	01688	00554	- 07127	.02849	.16567	.04127	-.04127
1 205	4 000	8.00000	9 00000	.09230	02064	00715	-.06906	02938	.16680	.03017	-.04767
	GRADIENT	.00000	.00000	.01315	.00239	.00124	- 00061	00037	-.00046	-.00392	-.00427

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA59)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = 0100				

RUN NO. 0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8.000	8.00000	9.00000	-.05900	-.00739	-.01835	-.00397	.00049	.01585	.01367	.00326
.900	-6.000	8.00000	9.00000	-.03388	-.00298	-.01348	-.00064	-.00052	.01046	.01637	.01041
.900	-4.000	8.00000	9.00000	-.00818	.00146	-.00792	.00082	-.00067	.00857	.01409	.01223
.900	-2.000	8.00000	9.00000	.01875	.00596	-.00202	.00227	-.00087	.00324	.01243	.01023
.900	.000	8.00000	9.00000	.04905	.01159	.00300	.00292	-.00128	-.00083	.01281	.00557
.900	2.000	8.00000	9.00000	.07917	.01723	.00752	.00244	-.00105	-.00035	.01325	-.00098
.900	4.000	8.00000	9.00000	.10388	.02138	.01166	.00139	-.00103	.00141	.01192	-.01171
	GRADIENT	.00000	.00000	.01423	.00256	.00244	.00007	-.00005	-.00090	-.00018	-.00295

RUN NO. 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	9.00000	-.06561	-.00839	-.01607	-.00262	.00068	.01674	.00214	.00245
.975	-6.000	8.00000	9.00000	-.03762	-.00341	-.01156	.00090	-.00006	.01189	-.00337	.00308
.975	-4.000	8.00000	9.00000	-.00949	.00152	-.00658	.00080	-.00080	.00526	-.00660	.00473
.975	-2.000	8.00000	9.00000	.01960	.00656	-.00131	.00675	-.00141	-.00208	-.00652	.00516
.975	.000	8.00000	9.00000	.04858	.01194	.00309	.00635	-.00194	-.00501	-.00193	.00358
.975	2.000	8.00000	9.00000	.07553	.01721	.00673	.00488	-.00212	-.00376	.00437	.00151
.975	4.000	8.00000	9.00000	.10064	.02171	.00995	.00116	-.00084	.00198	.00142	-.00507
	GRADIENT	.00000	.00000	.01381	.00255	.00206	-.00042	-.00004	-.00041	.00135	-.00116

RUN NO 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	-.03680	-.00306	-.00567	.00014	.00061	.01097	.06083	.00621
1.150	-4.000	8.00000	9.00000	-.00250	.00328	-.00210	.00263	-.00002	.00617	.05387	.00822
1.150	-2.000	8.00000	9.00000	.03247	.00968	-.00146	.00348	-.00059	.00156	.04928	.00120
1.150	.000	8.00000	9.00000	.06242	.01510	.00446	.00133	-.00071	.00038	.04479	-.01080
1.150	2.000	8.00000	9.00000	.08897	.01972	.00726	-.00072	-.00034	.00165	.03588	-.02295
	GRADIENT	.00000	.00000	.01522	.00274	.00155	-.00061	-.00005	-.00074	-.00292	-.00528

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA59)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9 000
SCALE =   .0100

                   RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8 000	8 00000	9.00000	- 05918	-.00772	-.00748	-.00047	.00170	.01380	.06912	00627
1.205	-6.000	8.00000	9.00000	- 02658	-.00152	-.00484	.00159	.00130	.01054	06312	.00483
1.205	-4.000	8.00000	9 00000	00705	00486	- 00243	.00437	.00034	.00491	.05743	-.00079
1 205	-2.000	8.00000	9.00000	03929	.01067	.00065	.00616	- 00050	-.00097	.05392	-.00841
1.205	.000	8.00000	9 90000	.06892	.01589	.00403	.00433	-.00049	-.00217	.05138	- 01993
1 205	2 000	8.00000	9 00000	.09285	02015	00664	.00160	-.00022	-.00009	.04474	-.03023
1.205	4 000	8.00000	9.00000	.11401	02400	00876	.00007	- 00009	00251	03419	-.03847
	GRADIENT	.00000	00000	.01337	.00239	.00142	-.00066	- 00003	-.00020	-.00278	-.00486

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA61)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290 3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

                   RUN NO   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	8.00000	9.00000	-.05304	-.00656	-.01615	.06826	- 01643	-.14699	-.00428	-.00429
.900	-6.000	8.00000	9.00000	-.02665	-.00200	- 01043	.06723	- 01900	-.14624	.00051	00272
.900	-4.000	8 00000	9.00030	00321	.00328	- 00432	06447	-.02080	-.14217	.00203	00616
.900	-2.000	8 00000	9.00000	.03339	.00861	00160	06419	- 02248	-.14624	.00088	00560
.900	000	8.00000	9 00000	.06363	.01426	00631	06458	-.02423	-.14943	-.00035	00318
.900	2 000	8.00000	9 00000	.09259	01968	.01055	06314	- 02512	-.14738	-.00161	- 00053
.900	4.000	8 00000	9.00000	11366	.02278	.01398	06402	-.02525	-.14716	- 00180	- 00721
	GRADIENT	00000	.00000	.01400	.00250	.00228	-.00010	-.00058	-.00056	-.00051	-.00164

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA61) (18 AUG 76)

REFERENCE DATA				PARAMETRIC DATA			
SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA =	4.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO =	9.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO =	9.000		
SCALE = .0100							

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	9.00000	-.05598	-.00689	-.01453	.07419	-.01940	-.15991	-.00639	.00106
.975	-6.000	8.00000	9.00000	-.02582	-.00150	-.00938	.07219	-.02151	-.15645	-.00996	.00105
.975	-4.000	8.00000	9.00000	.00505	.00398	-.00401	.07132	-.02368	-.15535	-.01155	.00226
.975	-2.000	8.00000	9.00000	.03688	.00973	.00102	.07068	-.02564	-.15675	-.01175	.00326
.975	.000	8.00000	9.00000	.06694	.01550	.00525	.06982	-.02697	-.15694	-.00878	.00215
.975	2.000	8.00000	9.00000	.09518	.02042	.00958	.06544	-.02663	-.15267	-.00908	-.00119
.975	4.000	8.00000	9.00000	.12118	.02498	.01290	.05839	-.02580	-.14519	-.01201	-.00811
	GRADIENT	.00000	.00000	.01453	.00264	.00212	-.00156	-.00026	.00122	.00009	-.00126

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	-.01903	.00014	-.00610	.06849	-.02140	-.15222	.04495	.00329
1.150	-4.000	8.00000	9.00000	.01843	.00695	-.00238	.06858	-.02463	-.15214	.04047	.00761
1.150	-2.000	8.00000	9.00000	.05161	.01293	.00131	.06963	-.02706	-.15407	.03571	.01028
1.150	.000	8.00000	9.00000	.08095	.01819	.00448	.07088	-.02842	-.15839	.02912	.00345
1.150	2.000	8.00000	9.00000	.10639	.02274	.00741	.06990	-.02834	-.15713	.02157	-.00845
	GRADIENT	.00000	.00000	.01466	.00263	.00163	.00024	-.00062	-.00096	-.00316	-.00275

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	9.00000	-.04859	-.00554	-.01063	.07285	-.01931	-.15739	.05623	.00270
1.205	-6.000	8.00000	9.00000	-.01199	.00111	-.00740	.07275	-.02228	-.15679	.05217	.00479
1.205	-4.000	8.00000	9.00000	.02331	.00751	-.00403	.07259	-.02486	-.15712	.04811	.00799
1.205	-2.000	8.00000	9.00000	.05400	.01311	-.00064	.07263	-.02673	-.15804	.04427	.00491
1.205	.000	8.00000	9.00000	.08288	.01824	.00302	.07300	-.02782	-.15994	.03927	-.00509
1.205	2.000	8.00000	9.00000	.10755	.02268	.00608	.07343	-.02848	-.16152	.03213	-.01707
1.205	4.000	8.00000	9.00000	.13037	.02657	.00887	.07032	-.02881	-.15902	.02379	-.02758
	GRADIENT	.00000	.00000	.01338	.00238	.00163	-.00019	-.00048	-.00036	-.00304	-.00466

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJA62)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA	=	6.000	ELV-LI =	8.000

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SREF  =  2690.0000 SQ.FT.    XMRP  =   976.0000 IN. XT        BETA   =   6.000    ELV-LI =    8.000
LREF  =  1290.3000 INCHES    YMRP  =     0000 IN. YT          ELV-LO =   9.000    ELV-RI =    8.000
BREF  =  1290.3000 INCHES    ZMRP  =   400.0000 IN. ZT        ELV-RO =   9.000
SCALE =       .0100
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RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-Li	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.900	-8 000	8.00000	9.00000	-.05172	-.00628	-.01519	.10322	-.02642	- 22549	-.00882	-.00583
.900	-6 000	8 00000	9.00000	-.02480	-.00163	-.00925	10215	- 02931	-.22484	-.00330	.00049
.900	-4 000	8 00000	9.00000	.00486	.00367	-.00340	.10048	- 03223	- 22338	-.00197	.00324
900	-2.000	8 00000	9.00000	.03589	00928	.00232	09951	- 03433	- 22439	- 00314	.00335
900	.000	8 00000	9 50000	.06803	.01525	.00738	09848	- 03642	- 22464	- 00453	.00199
.900	2.000	8.00000	9 00000	.09697	.02043	.01189	09613	-.03823	- 22238	-.00548	-.00123
.900	4.000	8 00000	9 00000	.11641	.02319	01480	.09725	-.03886	-.22351	- 00508	-.00574
	GRADIENT	00000	.00000	01421	00251	00230	- 00049	- 00086	.00009	-.00043	-.00113

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
.975	-8.000	8.00000	9 00000	-.05325	- 00638	-.01382	.11533	-.03084	-.25040	-.00991	.00064
.975	-6.000	8.00000	9.00000	- 02132	- 00075	-.00838	.11048	-.03314	-.24350	-.01513	.00033
.975	-4.000	8 00000	9.00000	.01174	.00513	-.00296	.10616	-.03581	-.23811	-.01721	.00118
.975	-2.000	8 00000	9 00000	.04452	.01118	.00189	10291	-.03824	-.23506	-.01658	.00214
.975	000	8 00000	9 00000	.07462	.01689	.00612	.10031	-.03956	- 23311	-.01345	.00091
.975	2 000	8 00000	Ͻ Ͻ0000	10368	.02179	.01079	09374	-.03952	-.22696	- 01312	-.00341
.975	4.000	8 00000	9.00000	13043	.02636	.01415	08799	-.04006	-.22022	-.01412	-.00905
	GRADIENT	00000	.00030	.01483	.00265	.00216	- 00228	-.00049	.00219	.00048	-.00130

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.150	-6.000	8 00000	9 00000	-.01182	.00147	-.00688	.10435	- 03358	-.23620	.03999	.00261
1 150	-4.000	8 00000	9 00000	.02620	.00827	-.00313	.10150	-.03747	- 23335	.03567	.00585
1.150	-2 000	8.00000	9.00000	05905	01418	.00051	.10047	-.04051	-.23262	.03127	.00992
1.150	000	8.00000	9.00000	08875	.01944	.00403	10108	-.04190	-.23468	.02426	.00708
1.150	2.000	8 00000	9 00000	.11589	.02414	00731	09978	-.04228	-.23441	.01673	-.00263
	GRADIENT	.00000	.00000	.01494	.00264	.00174	-.00023	-.00079	-.00026	- 00319	-.00141

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJA62)   (13 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

BETA = 6.000   ELV-LI = 8.000
ELV-LO = 9.000   ELV-RI = 8.000
ELV-RO = 9.000

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CNW	CBW	CTW	CYN	CBL	CY	CHEI	CHEO
1.205	-8.000	8.00000	9.00000	-.04388	-.00455	-.01191	.11186	-.03120	-.24710	.05249	.00232
1.205	-6.000	8.00000	9.00000	-.00619	.00211	-.00848	.10863	-.03493	-.24183	.04803	.00331
1.205	-4.000	8.00000	9.00000	.02939	.00849	-.00504	.10609	-.03793	-.23860	.04300	.00797
1.205	-2.000	8.00000	9.00000	.06017	.01405	-.00159	.10436	-.04006	-.23691	.03819	.00864
1.205	.000	8.00000	9.00000	.08978	.01929	.00226	.10496	-.04158	-.23904	.03229	.00082
1.205	2.000	8.00000	9.00000	.11549	.02378	.00558	.10485	-.04246	-.24051	.02502	-.01014
1.205	4.000	8.00000	9.00000	.13781	.02757	.00840	.10143	-.04326	-.23768	.01908	-.02140
	GRADIENT	.00000	.00000	.01361	.00239	.00170	-.00044	-.00065	-.00009	-.00305	-.00388

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB02)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN ZT
SCALE = .0100

BETA = -6.000   ELV-LI = 10.000
ELV-LO = 9.000   ELV-RI = 10.000
ELV-RO = 9.000

RUN NO. 0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	10.00000	9.00000	.14339	-.49366	.14893	.05007	.09242	.03756	.02446	.00435
.900	-6.000	10.00000	9.00000	.14627	-.36163	.09926	.04880	.08925	.03694	.02627	.00857
.900	-4.000	10.00000	9.00000	.14702	-.23635	.05068	.04745	.08716	.03659	.02683	.00679
.900	-2.000	10.00000	9.00000	.14893	-.10955	-.00241	.04661	.08394	.03606	.02714	.00618
.900	.000	10.00000	9.00000	.14807	.01468	-.05259	.04592	.08095	.03637	.02760	.00239
.900	2.000	10.00000	9.00000	.14395	.14218	-.10509	.04562	.07892	.03702	.02627	-.00723
.900	4.000	10.00000	9.00000	.14278	.26577	-.14853	.04508	.07784	.03630	.01809	-.02359
	GRADIENT	.00000	.00000	-.00067	.06280	-.02506	-.00029	-.00118	.00002	-.00092	-.00371

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB02)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976 0000 IN. XT	BETA = -6.000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO = 9.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO = 9.000	
SCALE	=	.0100					

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	9.00000	.18419	-.53711	.17323	.05862	10415	04583	.01083	.00013
.975	-6 000	10.00000	9.00000	.18699	-.39075	.11787	.05625	.09992	.04581	.02071	.00232
.975	-4 000	10 00000	9.00000	.18891	-.26055	.07211	05406	09753	.04478	.03205	.00428
.975	-2 000	10.00000	9 00000	.19094	-.12913	.02264	05269	.09578	.04391	.02987	.00398
.975	.000	10.00000	9.00000	19070	-.00043	- 02949	.05208	.09417	.04415	.02084	.00121
.975	2.000	10.00000	9 00000	18781	.12592	- 07956	05208	.09276	.04435	.00975	- 00610
.975	4.000	10 00000	9 00000	.18298	.25723	- 13086	05256	.09278	.04518	-.00228	-.02466
	GRADIENT	00000	00000	-.00075	06453	- 02541	- 00018	- 00063	00006	-.00444	-.00340

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	.25674	-.40068	12770	.05636	.09255	.04630	04789	- 00365
1.150	-4.000	10.00000	9.00000	.25982	- 25687	07360	05563	09058	.04539	.04272	-.01418
1.150	-2 000	10 00000	9.00000	.26371	-.12370	02493	05470	08878	.04429	.03713	-.02508
1.150	.000	10.00000	9 00000	.26499	.00654	-.02668	.05347	.08652	04386	.02871	- 03337
1.150	2.000	10.00000	9 00000	26556	.13532	-.07700	.05248	.08408	.04305	.01944	- 04091
	GRADIENT	.00000	.00000	.00093	.06534	-.02517	-.00053	-.00109	-.00037	-.00391	-.00442

PUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	10 00000	9.00000	.26979	-.56231	.19314	05680	09307	04586	.05190	-.00372
1.205	-6.000	10.00000	9.00000	.27263	-.39965	12661	.05594	.09048	.04488	.04571	-.01281
1 205	-4 000	10 00000	9 00000	.27652	-.25488	.07239	05527	.08782	04401	.04040	-.02358
1.205	-2.000	10.00000	9 00000	.28010	- 11845	.02205	05431	.08570	.04335	.03569	-.03296
1 205	.000	10 00000	9 00000	28184	00981	- 02713	05309	08332	.04307	.02938	- 04040
1 205	2.000	10.00000	9.00000	28244	.13400	-.07363	.05239	.08102	.04245	.02130	- 04763
1.205	4 000	10.00000	9.00000	.27998	.25804	-.12142	.05220	.07829	04135	.01119	-.05376
	GRADIENT	.00000	.00000	00046	.06391	- 02416	-.00040	-.00119	- 00031	- 00364	-.00375

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB03)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN XT	BETA =	-4.000	ELV-LI =	10.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	9.000	ELV-RI =	10.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	9.000		
SCALE =	.0100						

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	10.00000	9.00000	.14728	-.50079	.16016	.04855	.09281	.03581	.02123	.00344
.900	-6.000	10.00000	9.00000	.14905	-.36689	.10860	.04750	.08946	.03509	.02299	.00962
.900	-4.000	10.00000	9.00000	.14982	-.23808	.05652	.04680	.08629	.03454	.02315	.00745
.900	-2.000	10.00000	9.00000	.15241	-.11259	.00205	.04631	.08082	.03398	.02294	.00584
.900	.000	10.00000	9.00000	.14982	.01223	-.05036	.04534	.07806	.03465	.02306	.00360
.900	2.000	10.00000	9.00000	.14564	.14633	-.10818	.04484	.07608	.03536	.02335	-.00636
.900	4.000	10.00000	9.00000	.14570	.26698	-.15106	.04381	.07563	.03480	.01624	-.02085
	GRADIENT	.00000	.00000	-.00075	.06345	-.02627	-.00037	-.00130	.00009	-.00067	-.00344

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	9.00000	.19009	-.53862	.18175	.05670	.10309	.04441	.00879	-.00047
.975	-6.000	10.00000	9.00000	.19349	-.39214	.12577	.05453	.09815	.04399	.01536	.00122
.975	-4.000	10.00000	9.00000	.19589	-.26345	.08037	.05276	.09591	.04279	.02448	.00235
.975	-2.000	10.00000	9.00000	.19552	-.13510	.03184	.05143	.09429	.04221	.02450	.00231
.975	.000	10.00000	9.00000	.19350	-.00782	-.02124	.05089	.09209	.04275	.01742	.00162
.975	2.000	10.00000	9.00000	.18917	.11902	-.07280	.05130	.09105	.04307	.00709	-.00333
.975	4.000	10.00000	9.00000	.18602	.25084	-.12562	.05128	.09054	.04402	-.00487	-.01857
	GRADIENT	.00000	.00000	-.00130	.06414	-.02583	-.00015	-.00070	.00017	-.00381	-.00237

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10.00000	9.00000	.26011	-.40471	.13734	.05512	.09079	.04527	.04515	.00111
1.150	-4.000	10.00000	9.00000	.26269	-.25987	.08145	.05441	.08862	.04441	.03962	-.00678
1.150	-2.000	10.00000	9.00000	.26603	-.12503	.02972	.05357	.08684	.04339	.03495	-.01794
1.150	.000	10.00000	9.00000	.26624	.00595	-.02289	.05219	.08487	.04320	.02810	-.02794
1.150	2.000	10.00000	9.00000	.26537	.13181	-.07256	.05083	.08269	.04262	.01971	-.03588
	GRADIENT	.00000	.00000	.00041	.06530	-.02573	-.00061	-.00099	-.00028	-.00333	-.00487

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB03)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	-4.000	ELV-LI = 10.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		ELV-LO	=	9.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	9.000	
SCALE	=	.0100								

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	.27388	- 56048	.19920	.05554	.09110	.04515	.05028	.00069
1.205	-6 000	10.00000	9.00000	.27637	- 40060	.13441	.05480	.08846	.04369	.04394	- 00688
1.205	-4 000	10 00000	9.00000	.28004	- 25494	.07772	.05404	.08556	.04271	.03888	-.01688
1.205	-2.000	10 00000	9 00000	.28306	-.11797	.02505	.05314	.08357	.04218	.03525	-.02626
1 205	.000	10.00000	9.00000	.28292	.00803	- 02378	.05201	.08184	.04220	.02985	- 03484
1 205	2.000	10.00000	9 00000	.28326	.13222	-.07113	.05071	.07943	.04169	.02252	- 04321
1.205	4.000	10.00000	9 00000	.28141	.25654	- 11934	.05022	.07690	.04065	.01220	-.04982
	GRADIENT	.00000	00000	.00015	.06366	- 02451	- 00050	-.00107	-.00023	-.00331	-.00414

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB04)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		BETA	=	.000	ELV-LI = 10.000
LREF	=	1290 3000 INCHES	YMRP	=	0000 IN. YT		ELV-LO	=	9.000	ELV-RI = 10.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT		ELV-RO	=	9.000	
SCALE	=	.0100								

RUN NO   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	10.00000	9.00000	.14964	- 51101	.17194	.04669	.09345	.03227	.00880	- 00284
.900	-6 000	10 00000	9 00000	.15038	- 37366	.11761	04624	.08876	.03046	.01047	.00577
.900	-4 000	10.00000	9 00000	15180	- 24317	.06324	.04636	.08313	.02921	.00867	00747
.900	-2.000	10 00000	9.00000	15424	- 12207	.00890	.04646	.07700	.02890	00581	.00434
.900	000	10 00000	9.00000	.15355	.00956	- 04817	04521	07500	.02966	00694	.00143
.900	2 000	10 00000	9.00000	.15194	.14503	-.10980	.04475	07236	.03045	00710	- 00608
.900	4.000	10.00000	9 00000	.14890	26938	-.15359	.04379	.07200	.03085	.00819	- 01572
	GRADIENT	00000	00000	-.00040	.06461	-.02762	-.00034	-.00135	00024	.00002	-.00284

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB04)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8 000	10.00000	9.00000	.19490	-.54939	.19516	.05403	.10217	04193	-.00240	-.00149
.975	-6.000	10.00000	9.00000	.19745	-.40205	.13871	.05263	09800	-.04062	-.00403	-.00079
975	-4.000	10 00000	9.00000	.19855	- 26854	.08953	05253	.09445	.03903	.00070	.00095
.975	-2 000	10.00000	9 00000	.19909	- 14413	.04166	.05324	09167	.03757	.00742	.00118
.975	000	10.00000	9.00000	19792	- 02034	-.00869	.05372	08982	.03742	.00445	-.00075
.975	2.000	10 00200	9 00000	.19297	.10659	-.06032	.05443	08879	.03804	- 00202	-.00316
975	4.000	10.00000	9 00000	18951	.23785	-.11508	.05445	08668	03913	-.01270	-.01076
	GRADIENT	00000	00000	-.00131	06317	- 02556	00025	- 00092	.00003	-.00181	-.00139

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	10.00000	9.00000	.26013	-.41503	15331	.05510	.09133	.04317	.04053	00190
1.150	-4.000	10.00000	9.00000	26308	-.26758	.09414	05425	08870	04220	.03467	00372
1 150	-2 000	10 00000	9.00000	26792	-.12905	03725	05336	08584	04105	.03123	- 00314
1.150	.000	10.00000	9 00000	26983	-.00190	-.01538	.05244	08272	.04020	.02817	- 01474
1.150	2 000	10.00000	9 00000	26716	.12396	- 06468	.05097	08015	04013	.02060	-.02585
	GRADIENT	00000	03000	00071	06509	-.02645	-.00054	- 00144	-.00035	-.00226	-.00502

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10 00000	9 00000	.27595	-.56635	.21139	.05475	.09063	.04223	04781	.00219
1.205	-6.000	10.00000	9 00000	.27787	- 40810	.14765	05383	.08818	04122	.04182	.00120
1 205	-4 000	10 00000	9 00000	28083	- 26001	08739	05317	.08515	.04045	.03655	- 00416
1.205	-2.000	10.00000	9.00000	.28520	- 12152	.03142	05236	.08207	.03939	.03332	-.01189
1.205	000	10.00000	9.00000	28683	.00367	-.01813	05149	.07987	.03872	.03086	- 02275
1.205	2.000	10.00000	9 00000	.28491	.12254	- 06275	05037	.07703	.03867	.02544	-.03261
1.205	4.000	10.00000	9 00000	28201	.24717	-.10959	.04923	.07394	.03855	.01699	-.04060
	GRADIENT	00000	.00000	.00010	06292	-.02441	-.00049	-.00137	-.00023	-.00235	-.00468

LARC 8FT TPT 749 (IA93) OTSAT130　　　　　　　　(MJJB05)　(18 AUG 76)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.　XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES　YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES　ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA = 4.000　ELV-LI = 10.000
ELV-LO = 9.000　ELV-RI = 10.000
ELV-RO = 9.000

RUN NO. 0/ 0　RN/L = 3.98　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	10 00000	9.00000	15581	-.50276	16078	04793	.09116	.03075	-.00505	-.00645
.900	-6.000	10 00000	9.00000	.15796	-.36547	10822	04653	.08776	.02974	-.00400	-.00030
.900	-4.000	10.00000	9 00000	.16102	-.23685	05604	04522	08393	.02863	-.00410	.00219
.900	-2.000	10.00000	9.00000	.16250	-.11543	.00264	.04577	07860	.02823	-.00539	.00187
.900	.000	10 00000	9 00000	.16330	.01067	- 05150	04460	.07694	.02763	-.00615	-.00010
.900	2 000	10 00000	9 00000	.16097	.14240	-.10951	04396	.07421	.02769	-.00703	-.00370
.900	4.000	10.00000	9.00000	.15813	.27034	-.15708	042=3	.07388	.02832	-.00663	-.01014
	GRADIENT	.00000	00000	- 00037	06361	- 02692	- 00026	-.00122	- 00006	-.00034	-.00151

RUN NO 0/ 0　RN/L = 4.09　GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8 000	10.00000	9 00000	.20227	-.54301	18314	.05565	.10015	.03871	-.01323	-.00266
.975	-6.000	10.00000	9 00000	.20593	-.39664	.12686	05373	.09580	.03767	-.01369	-.00250
.975	-4.000	10.00000	9 00000	.20896	-.26305	07755	.05212	.09265	.03613	-.01667	-.00177
.975	-2.000	10.00000	9 00000	.21106	-.13435	.02903	.05096	.09129	03461	-.01536	-.00184
.975	000	10.00000	9 00000	.21116	-.00846	-.02081	05097	.09090	.03373	- 01212	-.00335
975	2.000	10.00000	9.00000	.20671	.11604	- 07155	05092	.08822	.03416	-.01469	-.00794
975	4 000	10.00000	9.00000	20033	25204	-.12795	05083	.08715	.03583	-.01970	- 01617
	GRADIENT	.00000	00000	- 00108	.06403	- 02558	-.00013	- 00070	- 00005	-.00027	-.00174

RUN NO. 0/ 0　RN/L = 4.21　GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 150	-6 000	10 00000	9.00000	.26912	-.41161	.14355	.05759	.09137	.03989	02827	-.00087
1.150	-4 000	10 00000	9.00000	27222	-.26344	08383	.05618	.08824	.03865	.02444	.00325
1.150	-2.000	10.00000	9 00000	27619	-.12733	.03004	.05494	08542	.03701	.02003	00562
1.150	.000	10 00000	9 00000	.27760	00129	-.02050	05396	.08339	.03583	.01344	-.00142
1.150	2.000	10 00000	9.00000	.27479	.13068	- 07261	05217	.08077	.03587	.00705	-.01269
	GRADIENT	.00000	.00000	.00046	06555	- 02599	-.00065	-.00122	-.00048	-.00294	- 00274

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB05)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = 4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = 9.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 9.000	
SCALE = 0100					

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	9.00000	.28201	-.56764	.20534	.05833	.09137	.03958	.03786	-.00089
1.205	-6.000	10 00000	9.00000	.28381	-.40814	.14083	.05711	.08894	.03865	.03390	.00109
1.205	-4.000	10.00000	9 00000	28742	-.26043	08119	.05546	.08552	.03727	.03046	.00404
1 205	-2.000	10 00000	9 00000	29157	-.12246	02734	.05410	.08261	03566	.02736	.00066
1.205	000	10 00000	9 00000	29363	.00506	-.02093	.05284	08058	.03431	.02281	- 00893
1 205	2 000	10 00000	9 00000	29137	.12758	-.06849	05160	.07781	.03429	01654	- 02004
1.205	4.000	10 00000	9 00000	28626	25200	-.11756	.05923	.07521	03541	.00941	-.02976
	GRADIENT	.00000	00000	-.00013	06374	- 02467	-.00065	- 00127	- 00025	- 00265	-.00442

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB06)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT			BETA = 6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT			ELV-LO = 9 000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN ZT			ELV-RO = 9.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	10.00000	9.00000	.15834	-.50332	.15775	.04918	09260	.02842	-.00769	-.00721
.900	-6 000	10.00000	9.00000	16106	-.36989	.10720	.04750	08929	.02788	-.00646	-.00165
.900	-4 000	10.00000	9.00030	16378	- 24362	.05718	04616	08651	.02735	-.00729	.00026
.900	-2.000	10.00000	9.00000	.16436	-.11956	.00455	.04636	.08285	.02693	-.00814	.00045
900	.000	10.00000	9.00000	16570	.00954	-.05135	.04550	07973	02633	-.00952	-.00108
900	2.000	10 00000	9.00000	.16301	13808	-.10641	.04511	07726	.02685	-.01005	-.00409
.900	4 000	10.00000	9.00000	.15997	.26594	- 15306	.04420	07635	.02730	-.00937	-.00838
	GRADIENT	00000	00000	-.00045	.06384	-.02657	- 00026	-.00129	- 00001	- 00030	- 00109

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB06) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP =	.0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	
SCALE	=	.0100			

BETA	=	6.000 ELV-LI = 10.000
ELV-LO	=	9.000 ELV-RI = 10.000
ELV-RO	=	9.000

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10 00000	9.00000	.20562	-.54546	.17977	05903	.10131	.03475	-.01792	-.00338
975	-6 000	10.00000	9 00000	.20973	-.39936	.12336	05658	.09697	.03430	-.02122	-.00375
.975	-4.000	10.00000	9 00000	.21227	-.26491	07369	.05453	.09395	.03354	-.02196	-.00345
.975	-2.000	10.00000	9 00000	.21292	- 13320	.02367	.05304	.09271	03259	-.01959	- 00315
.975	.000	10.00000	9.00000	.21319	-.00413	-.02824	05187	.09187	.03207	-.01528	-.00493
.975	2.000	10.00000	9 00000	20862	11879	-.07763	05146	.08980	.03276	-.01561	-.01064
.975	4.000	10.00000	9 00000	.20201	25382	-.13168	05145	.08867	.03414	-.01786	-.01685
	GRADIENT	.00000	00000	-.00124	06447	-.02560	-.00039	-.00067	00007	.00061	-.00171

RUN NO 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 150	-6.000	10.00000	9.00000	.27313	- 41300	13816	05994	.09248	.03670	.02418	-.00157
1.150	-4.000	10.00000	9.00000	.27541	- 26710	08075	.05836	.08953	.03607	.02055	.00162
1 150	-2 000	10.00000	9 00000	27731	-.13043	02817	05655	.08734	.03492	.01629	.00548
1.150	.000	10.00000	9.00000	.27803	.00214	-.02438	.05515	.08536	03384	.00945	00227
1.150	2.000	10.00000	9.00000	27473	.13174	-.07749	05348	08249	03475	.00234	- 00723
	GRADIENT	00000	.00000	- 00007	.06646	-.02636	-.00080	-.00116	-.00025	-.00307	- 00149

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	10.00000	9.00000	.28331	-.57093	.20263	.06017	.09341	03694	.03401	-.00133
1.205	-6 000	10.00000	9.00000	.28586	-.41004	.13668	.05916	.08995	.03607	.03041	- 00036
1.205	-4.000	10 00000	9.00300	.28918	- 26524	.07945	.05745	.08623	.03506	.02637	00427
1.205	-2.000	10.00000	9 00000	.29213	- 12878	.02738	.05563	.08409	.03372	.02206	00456
1.205	.000	10.00000	9 00000	.29369	.00375	- 02396	.05419	08234	.03253	.01675	-.00330
1.205	2.000	10.00000	9 00000	.29108	.12907	- 07336	.05284	.07963	.03318	.01042	- 01364
1.205	4.000	10 00000	9 00000	.29525	.25461	-.12268	05157	.07706	.03418	.00488	-.02391
	GRADIENT	.00000	.00000	-.00045	.06488	-.02525	- 00073	-.00114	-.00012	-.00273	-.00373

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB07)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976 0000 IN. XT                BETA    =   -6.000   ELV-LI =   10.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT                ELV-LO  =    4.000   ELV-RI =   10.000
BREF  =  1290.3000 INCHES   ZMRP  =   400 0000 IN. ZT                ELV-RO  =    4.000
SCALE =     0100
```

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	10.00000	4.00000	.14421	-.51458	.16450	.05067	09284	.03750	.02938	.01113
.900	-6.000	10.00000	4.00000	.14681	-.38012	11339	.04929	.08977	.03703	.03032	.01422
.900	-4 000	10.00000	4 00000	.14803	-.25737	.06625	.04791	.08755	.03678	.03000	.01475
.900	-2 000	10.00000	4 00000	.15087	-.13106	01437	.04689	08435	.03609	.02935	.01619
.900	000	10.00000	4 00000	.15030	- 00496	-.03483	.04584	08067	03604	.03026	01533
.900	2 000	10.00000	4 00000	.14665	11123	-.07910	.04520	07959	.03631	.03031	.00626
900	4 000	10.00000	4 00000	.14391	23394	-.12290	.04505	07882	.03603	02428	-.00783
	GRADIENT	.00000	.00000	-.00062	06125	- 02359	-.00037	-.00111	-.00006	-.00052	-.00276

RUN NO   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	4 00000	.18496	-.56040	19279	.05925	.10463	.04560	.01165	.02575
.975	-6.000	10.00000	4.00000	.18828	-.41424	.13714	.05690	.10019	.04548	.01860	.02710
.975	-4.000	10 00000	4 00000	19036	- 28110	.08994	.05469	09771	.04452	03055	.02854
.975	-2.000	10.00000	4 00000	19191	- 15055	.04113	.05325	.09595	.04353	03364	.02795
.975	.000	10.00000	4 00000	.19269	- 02425	-.01054	.05262	09425	04373	.02707	.02162
.975	2.000	10 00000	4 0J000	.19005	.10274	-.06035	05291	.09333	.04406	.01831	.01251
.975	4 000	10 00000	4 00000	.18431	.22988	- 10829	05324	.09349	.04496	.01279	.00243
	GRADIENT	00000	00000	-.00070	.06376	-.02490	-.00016	- 00055	00007	-.00254	-.00338

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	10 00000	4.00300	.25695	-.41575	14085	.05648	.09305	.04618	.05242	.02011
1.150	-4.000	10.00000	4.00000	.25970	-.27097	.08656	.05579	.09115	.04531	.04795	.00865
1 150	-2 000	10.00000	4.00000	26401	- 13625	03716	.05482	.08917	04415	04264	- 00333
1 150	.000	10.00000	4.00000	.26473	-.00745	-.01435	05386	.08740	.04376	.03415	-.01346
1.150	2.000	10.00000	4.00000	.26555	12147	-.06482	05284	.08498	.04303	.02459	-.02237
	GRADIENT	.00000	.00000	.00091	06531	-.02528	- 00049	-.00101	-.00036	- 00393	- 00516

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB07)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LC =   4.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10 00000	4 00000	.26774	-.57288	.20259	.05644	.09310	.04544	.05548	.01838
1.205	-6.000	10.00000	4.00000	.27037	-.40969	13578	05575	.09047	.04450	.04948	.00766
1.205	-4.000	10.00000	4 00000	.27408	-.26495	.08178	.05517	.08777	.04366	.04415	-.00344
1.205	-2.000	10.00000	4 00000	27718	-.12947	.03199	.05430	.08589	04304	.03933	-.01326
1.205	.000	10.00000	4.00000	27863	- 00198	-.01731	.05321	.08372	.04277	.03292	-.02228
1.205	2.000	10.00000	4.00000	27914	.12248	-.06419	.05249	.08145	04223	.02502	-.03022
1.205	4.000	10 00000	4.00000	27669	.24724	-.11238	.05236	07886	.04119	.01420	-.03682
	GRADIENT	.00000	00000	00036	06382	- 02423	- 00037	-.00111	-.00029	-.00371	-.00419

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB08)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   10 000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	10.00000	4 00000	.14789	-.51974	.17484	.04923	.09323	.03580	.02779	.00987
.900	-6 000	10 00000	4.00000	.14953	-.38271	.12176	.04810	08991	.03531	.02822	.01421
.900	-4 000	10 00000	4.00030	.15107	- 25591	.07098	.04712	08669	.03463	.02792	01530
.900	-2.000	10.00000	4.00000	.15324	- 13416	.01884	.04621	.08156	.03399	02788	.01655
900	.000	10.00000	4.00000	.15202	-.00387	- 03356	.04468	07853	.03451	.02814	.01594
.900	2.000	10.00000	4.00000	.14734	11597	-.06199	.04363	.07749	.03474	.02914	.01264
.900	4.000	10.00000	4.00000	14664	.23678	-.12617	.04339	07635	03440	.02322	- 00326
	GRADIENT	.00000	.00000	-.00074	.06178	-.02476	-.00050	-.00124	00001	-.00041	-.00205

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB08)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF   = 2690.0000 SQ.FT.   XMRP   =   976 0000 IN. XT   BETA   =   -4.000 ELV-LI =   10.000
LREF   = 1290.3000 INCHES   YMRP   =   .0000 IN. YT   ELV-LO =   4.000 ELV-RI =   10.000
BREF   = 1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   0100

                          RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL =   -5 00/   5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	4.00000	.19135	-.56308	.20202	.05741	.10430	.04402	01011	.02535
975	-6.000	10 00000	4.00000	19436	-.41673	14560	.05545	.09939	.04371	.01326	.02683
.975	-4 000	10.00000	4 00000	.19652	-.28516	09868	.05364	.09638	.04261	.02263	.02838
.975	-2 000	10 00000	4 00000	.19676	- 15698	.05095	.05198	.09471	04167	.02764	.02876
975	.000	10 00000	4 00000	.19545	-.02815	-.00291	05150	.09239	.04224	-.02390	.02535
.975	2.000	10 00000	4 00000	.19146	09679	-.05338	.05227	09117	.04261	01372	.01610
975	4.000	10 00000	4 00000	.18811	.22607	-.10465	05215	.09086	.04360	.00655	.00652
	GRADIENT	.00000	00000	- 00111	.06381	-.02555	-.00013	-.00073	.00015	- 00230	-.00282

                          RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10 00000	4 00000	.26091	-.41898	.15052	.05507	.09099	.04500	04863	.02659
1.150	-4 000	10 00000	4.00000	26279	-.27365	09456	.05453	.08923	04424	.04397	.01762
1.150	-2.000	10 00000	4.00000	26611	- 13831	04263	.05374	08741	.04320	04003	.00554
1 150	.000	10.00000	4 00000	26587	-.00772	- 01045	05262	08583	.04297	.03337	-.00617
1.150	2 000	10.00000	4.00000	26557	.11691	-.05992	05122	08343	04248	.02445	-.01646
	GRADIENT	.00000	0J000	00040	.06511	-.02583	-.00055	-.00095	- 00028	-.00326	-.00570

                          RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	10 00000	4 00000	.27178	- 57194	.20927	.05508	.09097	04468	05276	.02428
1.205	-6 000	10.00000	4 00000	.27416	- 41146	14440	.05443	08832	04323	.04695	01548
1.205	-4 000	10 00000	4 00030	27749	- 26556	08755	.05381	.08551	.04229	.04242	00470
1 205	-2 000	10 00000	4 00000	27976	-.12988	.03517	.05309	08388	.04180	03900	-.00564
1.205	.000	10 00000	4 00000	27913	-.00295	- 01424	05222	08258	.04185	03358	- 01551
1.205	2.000	10 00000	4 00000	.27943	.12096	- 06163	.05084	08015	.04146	.02636	-.02520
1 205	4.000	10 00000	4 00000	.27786	.24501	-.10990	.05037	07764	.04049	.01644	-.03241
	GRADIENT	.00000	.00000	.00002	06360	-.02458	- 00046	- 00097	-.00020	-.00323	- 00469

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB09)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 4.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE =   .0100

RUN NO   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	10.00000	4.00000	.14689	-.52408	.18452	.04776	.09368	.03212	.01711	.00571
.900	-6.000	10.00000	4.00000	.14866	-.38521	.12883	.04709	.08924	.03086	.01722	.01213
.900	-4.000	10.00000	4.00000	.15226	-.25861	.07609	.04692	.08368	.02948	.01559	.01591
.900	-2.000	10.00000	4.00000	.15460	-.13835	.02303	.04705	.07747	.02892	.01557	.01787
.900	.000	10.00000	4.00000	.15313	-.01325	-.02872	.04573	.07521	.02971	.01733	.01884
.900	2.000	10.00000	4.00000	.15022	.11079	-.08140	.04540	.07342	.03062	.01873	.01742
.900	4.000	10.00000	4.00000	.14846	.23600	-.12628	.04432	.07281	.03091	.02005	.00734
GRADIENT		.00000	.00000	-.00060	.06192	-.02546	-.00034	-.00129	.00023	.00060	-.00088

RUN NO   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	4.00000	.19549	-.56923	.21221	.05476	.10283	.04164	.00070	.02462
.975	-6.000	10.00000	4.00000	.19797	-.42233	.15632	.05387	.09843	.04036	-.00292	.02604
.975	-4.000	10.00000	4.00000	.19964	-.29009	.10762	.05392	.09433	.03858	-.00058	.02868
.975	-2.000	10.00000	4.00000	.20099	-.16785	.06069	.05419	.09185	.03696	.00756	.03001
.975	.000	10.00000	4.00000	.19897	-.04788	.01327	.05482	.09064	.03675	.00756	.02877
.975	2.000	10.00000	4.00000	.19375	.08340	-.04117	.05522	.08937	.03752	.00416	.02462
.975	4.000	10.00000	4.00000	.19004	.21538	-.09654	.05525	.08734	.03880	-.00394	.01402
GRADIENT		.00000	.00000	-.00132	.06311	-.02551	.00019	-.00082	.00005	-.00052	-.00173

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10.00000	4.00000	.26078	-.43081	.16690	.05515	.09128	.04277	.04346	.02900
1.150	-4.000	10.00000	4.00000	.26266	-.28165	.10707	.05438	.08916	.04202	.03799	.03130
1.150	-2.000	10.00000	4.00000	.26727	-.14255	.04997	.05360	.08639	.04086	.03481	.02313
1.150	.000	10.00000	4.00000	.26839	-.01719	-.00239	.05296	.08391	.03996	.03232	.00972
1.150	2.000	10.00000	4.00000	.26685	.10909	-.05212	.05141	.08085	.03988	.02574	-.00431
GRADIENT		.00000	.00000	.00068	.06488	-.02650	-.00048	-.00137	-.00037	-.00196	-.00601

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB09)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	BETA =	.000	ELV-LI =	10.000
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	ELV-RO =	4.000		
SCALE	= .0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	.27302	-.57576	.22075	.05469	.09075	.04197	.05004	.02732
1.205	-6.000	10.00000	4.00000	.27489	-.42008	.15799	.05378	.08827	.04090	.04449	.02611
1.205	-4.000	10.00000	4.00000	.27820	-.27279	.09821	.05308	.08524	.04004	.03977	.02011
1.205	-2.000	10.00000	4.00000	.28220	-.13385	.04230	.05234	.08236	.03899	.03698	.01094
1.205	.000	10.00000	4.00000	.28327	-.00871	-.00779	.05155	.08034	.03829	.03480	-.00118
1.205	2.000	10.00000	4.00000	.28110	.11308	-.05404	.05056	.07778	.03832	.02941	-.01289
1.205	4.000	10.00000	4.00000	.27831	.23523	-.09998	.04940	.07475	.03831	.02107	-.02273
	GRADIENT	.00000	.00000	-.00004	.06315	-.02464	-.00046	-.00128	-.00021	-.00225	-.00548

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB10)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ FT	XMRP	=	976.0000 IN XT	BETA =	4.000	ELV-LI =	10.000
LREF	= 1290.3000 INCHES	YMRP	=	.0000 IN. YT	ELV-LO =	4.000	ELV-RI =	10.000
BREF	= 1290.3000 INCHES	ZMRP	=	400.0000 IN ZT	ELV-RO =	4.000		
SCALE	= .0100							

RUN NO.   0/ 0   RN/L =   3.38   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	10.00000	4.00000	.15708	-.51933	.17411	.04868	.09160	.03054	.00131	-.00276
.900	-6.000	10.00000	4.00000	.15800	-.38001	.12054	.04778	.08879	.02975	.00290	.00618
.900	-4.000	10.00000	4.00000	.15956	-.25713	.07159	.04684	.08521	.02893	.00333	.01458
.900	-2.000	10.00000	4.00000	.16176	-.13814	.02025	.04703	.08007	.02841	.00201	.01721
.900	.000	10.00000	4.00000	.16166	-.01594	-.02936	.04596	.07807	.02789	.00248	.01835
.900	2.000	10.00000	4.00000	.16215	.11066	-.06259	.04479	.07482	.02767	.00245	.01758
.900	4.000	10.00000	4.00000	.15984	.23383	-.12617	.04441	.07502	.02851	.00212	.01079
	GRADIENT	.00000	.00000	-.00005	.06154	-.02492	-.00036	-.00128	-.00008	-.00010	-.00036

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB10) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = 4.000 ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT	ELV-RO = 4.000
SCALE = .0100		

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	4 00000	.20334	-.56608	20175	.05596	10081	.03836	-.01149	.02080
.975	-6 000	10.00000	4.00000	20656	-.41931	14547	.05411	09644	.03735	-.01322	02146
.975	-4 000	10 00000	4.00000	.20844	-.28583	.09576	05265	.09328	.03596	-.01389	.02409
.975	-2 000	10.00000	4 00000	.21094	-.15742	04747	.05148	09191	.03462	-.01190	.02568
975	.000	10.00000	4.00000	.21165	-.03443	.00054	05133	.09167	.03357	-.00735	02497
975	2 000	10 00000	4.00000	.20775	09283	-.05328	05118	.08971	.03376	-.00679	.02090
.975	4.000	10 00000	4.00000	20147	.22346	- 10583	.05150	.08801	.03516	-.00952	.01523
	GRADIENT	00000	00000	-.00086	06344	- 02520	-.00013	- 00069	-.00012	.00069	-.00113

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10.00000	4.00000	26925	- 42790	.15742	.05771	.09174	.03975	.03021	02560
1.150	-4.000	10.00000	4.00000	27193	- 28158	.09867	.05640	08885	.03862	.02697	.03082
1.150	-2.000	10.00000	4 00000	.27546	-.14366	.04407	.05518	08617	.03706	.02285	.03381
1.150	000	10.00000	4.00000	.27711	- 01265	-.00810	.05424	08409	.03581	.01653	.02578
1.150	2 000	10.00000	4 00000	.27502	11454	- 05970	05244	.08140	03572	.01063	.01254
	GRADIENT	.00000	.00000	.00055	06597	- 02636	-.00064	-.00122	-.00050	-.00277	-.00314

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	.27949	-.57817	.21449	.05810	.09123	.03927	.03872	.02347
1.205	-6.000	10.00000	4.00000	28158	- 41857	.15007	.05685	.08869	.03826	03538	.02610
1 205	-4 000	10.00000	4 00000	28422	- 27069	.09091	.05545	.08588	.03705	03256	.03028
1.205	-2 000	10.00000	4.00000	28774	- 13330	.03726	05428	08333	.03560	02966	.02673
1.205	.000	10.00000	4.00000	.29088	-.00557	- 01154	05285	08092	03405	.02542	.01535
1.205	2 000	10.00000	4.00000	28812	11661	-.05922	05174	07844	03403	.02016	00284
1.205	4.000	10 00000	4.00000	28290	.24126	- 10883	.05043	07596	.03521	.01339	- 00939
	GRADIENT	00000	.00000	-.00011	.06369	-.02480	-.00063	-.00124	- 00026	-.00239	- 00516

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ8II)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	10 00000	4.00000	.15868	-.52022	.17074	.04973	.09348	.02858	-.00203	-.00284
.900	-6.000	10.00000	4 00000	.16134	-.38752	.12036	.04822	.09016	.02803	-.00026	.00617
900	-4.000	10.00000	4 00000	.16325	-.26503	.07288	.04690	.08723	.02751	-.00062	.01392
.900	-2.000	10 00000	4 00000	.16493	-.14252	.02283	.04664	.08334	.02702	-.00135	.01611
900	.000	10 00000	4 00020	.16626	-.02078	-.02733	.04576	.08020	.02632	-.00148	.01767
.900	2.000	10.00000	4 00000	.16395	.10593	-.07936	.04534	.07808	.02689	-.00173	.01695
900	4 000	10.00000	4.00000	.15984	.22949	-.12317	.04493	.07799	.02762	-.00174	.01148
	GRADIENT	.00000	.00000	-.00039	.06187	-.02471	-.00026	-.00119	.00001	-.00013	-.00020

RUN NO   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	10.00000	4.00000	.20657	-.56807	.19899	.05906	.10190	.03455	-.01649	.02077
975	-6 000	10.00000	4 00000	.21005	-.42155	.14185	.05677	.09769	.03412	-.01873	.02073
975	-4.000	10 00000	4.00000	.21142	-.28808	.09189	.05474	.09459	.03337	-.01861	.02218
.975	-2.000	10 00000	4 00000	.21285	-.15724	.04281	.05321	.09332	.03253	-.01541	.02284
.975	.000	10.00000	4 00000	.21459	-.02530	-.00949	.05187	.09252	.03199	-.01002	.02201
.975	2.000	10.00000	4.00000	.21075	.09711	-.05945	.05147	.09020	.03246	-.00732	.01900
.975	4.000	10.00000	4 00000	.20334	.22856	-.10999	.05211	.08952	.03375	-.00770	.01518
	GRADIENT	.00000	.00000	-.00091	.05438	-.02530	-.00035	-.00066	.00003	.00147	-.00089

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10 00000	4.00000	.27360	-.42940	.15216	.05998	.09270	.03664	.02600	.02496
1.150	-4.000	10.00000	4 00000	.27565	-.28482	.09525	.05848	.08999	.03608	.02284	.02861
1.150	-2 000	10.00000	4.00000	.27735	-.14778	.04233	.05671	.08788	.03500	.01883	.03325
1 150	.000	10.00000	4.00000	.27824	-.01310	-.01120	.05531	.08596	.03390	.01233	.03080
1 150	2.000	10.00000	4.00000	.27548	.11634	-.06454	.05361	.08310	.03466	.00551	.01960
	GRADIENT	.00000	.00000	.00002	.06691	-.02664	-.00080	-.00113	-.00027	-.00293	-.00147

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB11) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA = 6.000 ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = 4.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 4.000
SCALE = .0100

RUN NO. 0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	4.00000	.28082	-.58150	.21181	05995	09319	.03670	.03465	.02310
1.205	-6.000	10.00000	4.00000	.28330	-.42007	.14556	.05899	08984	.03584	.03169	.02446
1.205	-4.000	10.00000	4.00000	28623	-.27408	.08833	05735	08638	.03494	.02835	.03018
1.205	-2.000	10.00000	4.00000	.28903	-.13801	03637	.05555	.08436	.03367	.02425	.03094
1.205	.000	10.00000	4.00000	.29107	-.00780	-.01428	.05404	.08250	.03235	.01933	.02220
1.205	2.000	10.00000	4.00000	28806	.11887	-06441	05288	08019	.03300	.01348	01032
1.205	4.000	10.00000	4.00000	28225	24390	-.11344	.05166	.07764	.03407	.00846	-.00206
	GRADIENT	.00000	00000	-.00045	06464	-.02522	-00070	-.00108	-00012	-.00253	-.00426

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB12) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN XT   BETA = -6.000 ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT   ELV-LO = 14.000 ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE = .0100

RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14.00000	14675	-.48567	.14110	.04929	.09298	.03816	.01594	-.01308
-6.000	10.00000	14.00000	14952	-.35241	.09047	.04778	.09000	.03759	.01746	-.01221
-4.000	10.00000	14.00000	15077	-22643	.04128	.04626	08784	.03723	.01797	-.01615
-2.000	10.00000	14.00000	.15243	-.09841	-01292	04559	.08465	.03667	.01818	-.01793
.000	10.00000	14.00000	15222	03095	-06681	04504	08144	.03690	.01657	-.02140
2.000	10.00000	14.00000	.14835	16214	-12282	04478	07921	03747	.01555	-.02892
4.000	10.00000	14.00000	.14695	.28736	-.16731	.04439	.07777	.03645	.01094	-.04169
GRADIENT	00000	.00000	-00059	06441	-02635	-00023	-00128	-.00004	-.00083	-.00310

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB12)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT				BETA =	-6.000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT				ELV-LO =	14.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT				ELV-RO =	14 000		
SCALE = .0100									

RN/L -   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10 00000	14.00000	.18937	- 52784	16470	.05894	.10419	.04619	.01183	-.02691
-6 000	10 00000	14 00000	.19213	-.38043	10858	.05639	.09997	.04618	.01895	-.02395
-4.000	10 00000	14.00000	.19449	-.24869	06156	.05406	.09729	.04523	.02264	-.02204
-2.000	10 00000	14.00000	19651	- 11674	.01128	.05254	09542	.04441	.01311	-.02339
000	10.00000	14.00000	.19593	01504	- 04302	.05172	.09381	.04456	-.00176	-.02690
2 000	10.00000	14.00000	19368	14420	- 09526	.05170	.09239	04482	-.01616	-.03974
4.000	10.00000	14.00000	.18961	27673	- 14797	05215	09220	.04557	-.02354	-.05746
GRADIENT	.00000	00000	- 00063	06559	- 02628	- 00023	- 00066	.00005	-.00608	-.00436

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB13)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ.FT.	XMRP =	976 0000 IN. XT				BETA =	-4 000	ELV-LI =	10 000
LREF = 1290.3000 INCHES	YMRP =	0000 IN. YT				ELV-LO =	14 000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN ZT				ELV-RO =	14.000		
SCALE = .0100									

RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10 00000	14.00000	.15092	-.49208	15181	.04762	.09333	03644	01087	-.01475
-6 000	10 00000	14.00000	15231	-.35724	.09929	.04653	.09027	.03576	.01219	-.01252
-4 000	10.00000	14.00000	.15369	-.22611	04575	.04593	08703	.03527	.01207	-.01690
-2 000	10 00000	14.00000	.15602	-.09813	- 01022	.04531	.08139	.03466	.01190	-.01965
.000	10.00000	14.00000	.15327	.02879	-.06461	.04472	.07862	03520	.01059	-.02228
2 000	10.00000	14 00000	.15011	16648	- 12603	.04425	.07653	03584	.00964	-.03008
4 000	10 00000	14.00000	.14942	29069	- 17070	.04336	.07557	03512	.00699	-.03985
GRADIENT	.00000	.00000	-.00072	.06491	- 02745	-.00029	-.00139	00004	-.00062	-.00282

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB13) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   = -4.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RN/L - 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14.00000	.19538	-.52862	.17282	.05700	.10345	.04481	00993	-.02803
-6.000	10.00000	14.00000	.19873	-.38174	.11641	05467	.09839	.04437	.01456	-.02637
-4.000	10.00000	14.00000	.20108	-.25117	.06936	.05262	09562	.04321	.01694	-02537
-2.000	10.00000	14.00000	.20115	-.12161	.01975	.05103	.09387	04267	.01002	-.02558
.000	10.00000	14.00000	.19928	.00869	-.03497	05032	.09175	.04325	-.00451	-.02782
2.000	10.00000	14.00000	19532	13856	-.08891	.05062	09058	.04373	-.01977	-.03684
4.000	10.00000	14.00000	19237	27267	-.14360	.05075	09004	04455	-.02880	-05274
GRADIENT	.00000	00000	-.00116	06539	-02673	-.00021	-00072	.00019	-.00606	-.00330

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB14) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 14.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = 14.000
SCALE =   .0100

RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14.00000	.15328	-50165	.16351	.04662	.09375	.03330	-.00257	-.02163
-6.000	10.00000	14.00000	.15392	-36386	10797	.04616	.08894	.03148	-00188	-.01771
-4.000	10.00000	14.00000	15584	-22981	.05105	04616	08325	.03003	-00413	-01930
-2.000	10.00000	14.00000	.15853	-.10731	-00491	.04616	.07708	.02953	-.00757	-.02348
.000	10.00000	14.00000	.15825	02805	-06433	.04510	.07493	.03019	-.00729	-.02764
2.000	10.00000	14.00000	.15608	16448	-.12757	04463	.07254	.03104	-.00841	-.03345
4.000	10.00000	14.00000	.15334	29206	-.17397	.04373	.07193	.03140	-.00622	-.03882
GRADIENT	.00000	.00000	-.00037	06578	-.02863	-.00032	-.00136	00021	-.00025	-.00245

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB14)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	14.000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	14.000		
SCALE = .0100							

RN/L -   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10 00000	14.00000	20025	-.53706	.18504	05415	.10245	.04223	- 00308	-.03039
-6 000	10.00000	14.00000	.20230	-.38880	.12779	05282	.09815	04094	-.00191	-.03040
-4 000	10.00000	14 00000	.20313	- 25486	.07793	.05243	.09425	03949	.00034	-.03002
-2.000	10.00000	14.00000	20410	- 12957	.02916	.05278	.09127	03833	-.00246	-.03005
.000	10.00000	14.00000	.20320	- 00437	-.02226	.05306	.08916	.03823	-.01196	-.03120
2.000	10.00000	14 00000	.19842	12282	-.07452	05373	08812	.03975	-.02528	-.03522
4 000	10.00000	14 00000	19441	.25680	-.13179	.05365	.08614	.03954	-.03974	-.04674
GRADIENT	.00000	.00000	-.00116	06379	-.02616	00017	-.00097	.00003	-.00515	-.00193

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB15)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976 0000 IN. XT		BETA =	4 000	ELV-LI =	10.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	14 000	ELV-RI =	10.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN ZT		ELV-RO =	14 000		
SCALE = .0100							

RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14.00000	.16103	-.49252	.15258	04760	09160	03113	-.01383	-.02362
-6.000	10.00000	14.00000	16319	- 35677	.09959	04602	.08804	.03005	-.01327	-.02181
-4.000	10.00000	14.00000	16595	- 22915	.04669	.04478	08432	.02902	-.01400	-.02282
-2.000	10 00000	14.00000	16764	-.10240	- 00960	.04516	.07925	02848	-.01518	-.02490
.000	10.00000	14.00000	.16891	02867	-.06727	.04433	07690	02778	-.01563	-.02888
2.000	10.00000	14.00000	.16668	.16305	- 12715	04364	.07414	.02776	-.01703	-.03264
4.000	10.00000	14.00000	.16293	.29268	-.17616	04339	.07392	.02860	-.01675	-.03669
GRADIENT	.00000	00000	-.00035	.06546	- 02816	-.00022	-.00130	-.00008	-.00037	-.00178

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB15)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT				BETA	=	4.000	ELV-LI =	10.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT				ELV-LO =	14.000	ELV-RI =	10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN ZT				ELV-RO =	14.000	
SCALE	= .0100							

RN/L -   4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 000	10.00000	14.00000	.20725	-.53338	.17432	05588	10067	.03915	-.01919	-.03092
-6.000	10 00000	14.00000	.21103	- 38532	.11704	.05364	09616	.03808	-.02309	-.03038
-4.000	10.00000	14.00000	21424	-.25188	06734	.05184	.09275	.03651	-.02595	-.03006
-2.000	10 00000	14.00000	21622	- 12304	01795	.05075	.09131	.03492	-.02769	- 03195
000	10.00000	14.00000	21678	.00774	- 03454	.05065	.09055	.03398	-.02783	-.03641
2.000	10 00000	14.00000	21152	.13427	- 08689	.05070	.08834	.03463	-.03289	-.04597
4.000	10.00000	14 00000	.20559	.27048	-.14499	.05075	.08713	.03635	-.03815	-.05545
GRADIENT	.00000	00000	-.00110	.06510	-.02648	-.00011	-.00071	- 00003	-.00148	-.00324

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB16)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT				BETA	=	6 000	ELV-LI =	10.000
LREF	= 1290 3000 INCHES	YMRP	= .0000 IN. YT				ELV-LO =	14.000	ELV-RI =	10.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT				ELV-RO =	14.000	
SCALE	= .0100							

RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14 00000	16320	-.49485	.14990	.04904	.09299	.02867	-.01621	- 02437
-6.000	10.00000	14 00000	.16606	-.35998	.09825	04720	.08947	.02813	-.01523	-.02260
-4 000	10.00000	14.00000	16837	-.23226	.04669	04587	.08673	.02757	-.01598	-.02363
-2.000	10.00000	14.00000	.16965	-.10617	-.00786	.04602	.08302	.02701	-.01611	-.02499
.000	10.00000	14.00000	.17126	.02618	- 06636	.04537	.07964	.02640	-.01729	- 02852
2.000	10.00000	14.00000	.16860	.15854	-.12362	04481	07716	.02682	-.01805	- 03177
4.000	10 00000	14.00000	.16450	.28774	- 17204	.04418	07625	.02746	-.01766	-.03508
GRADIENT	.00000	.00000	-.00044	.06524	-.02766	-.00023	-.00134	-.00002	-.00027	-.00148

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB16)   (18 AUG 76)

REFERENCE DATA		PARAMETRIC DATA

SREF   =   2690.0000 SQ.FT.   XMRP   =   976.0000 IN. XT
LREF   =   1290.3000 INCHES   YMRP   =   .0000 IN. YT
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT
SCALE   =   .0100

BETA   =   6 000   ELV-LI =   10.000
ELV-LO =   14.000   ELV-RI =   10.000
ELV-RO =   14.000

RN/L -   4 09   GRADIENT INTERVAL =   -5.00/   5.00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	10.00000	14.00000	.21067	-.53700	17145	.05932	.10185	.03504	-.02432	-.03293
-6 000	10.00000	14.00000	.21503	-.38769	11348	.05659	.09740	03452	-.02953	- 03251
-4 000	10 00000	14.00000	21757	-.25268	06292	05427	09429	.03378	-.03219	- 03145
-2 000	10.00000	14.00000	21812	-.12165	01243	05274	09292	.03282	-.03248	-.03350
000	10.00000	14 00000	21859	.01136	-.04159	05157	09172	03234	-.03076	- 03990
2.000	10.00000	14 00000	21390	.13942	-.09402	.05119	08974	03309	- 03178	-.04777
4.000	10.00000	14.00000	20778	.27282	- 14836	.05132	.08959	03460	-.03445	- 05484
GRADIENT	.00000	.00000	- 00119	.06J60	-.02645	- 00037	- 00073	.00010	-.00019	-.00305

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB17)   (18 AUG 76)

REFERENCE DATA		PARAMETRIC DATA

SREF   =   2690.0000 SQ FT   XMRP   =   976 0000 IN. XT
LREF   =   1290.3000 INCHES   YMRP   =   0000 IN. YT
BREF   =   1290.3000 INCHES   ZMRP   =   400.0000 IN. ZT
SCALE   =   .0100

BETA   =   -6.000   ELV-LI =   10.000
ELV-LO =   -5.000   ELV-RI =   10 000
ELV-RO =   -5 000

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL =   -5.00/   5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	10.00000	-5 00000	.25856	-.43980	16233	.05619	09234	.04544	.06138	06633
1.150	-4 000	10 00000	-5 00000	26054	-.29351	.10686	.05560	.09089	.04466	.05568	.05085
1 150	-2 000	10.00000	-5 00000	.26400	-.15869	.05664	.05478	.08941	04358	04879	.03551
1 150	000	10 00000	-5.00000	26558	-.02816	.00443	.05364	.08730	.04308	04005	.02207
1.150	2.000	10 00000	-5.00000	.26599	.10069	-.04667	.05284	.08505	.04247	.03005	.00992
	GRADIENT	.00000	00000	00090	.06566	- 02564	- 00047	-.00098	-.00035	-.00428	-.00681

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/   5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	.26923	-.59517	22335	.05649	.09276	.04469	.06064	.06541
1.205	-6.000	10.00000	-5.00000	.27225	- 43130	.15556	.05563	.08998	.04373	.05315	.05051
1.205	-4.000	10.00000	-5.00000	.27556	- 28597	.10062	05508	.08754	.04294	.04697	.03652
1.205	-2.000	10.00000	-5.00000	.27810	- 14968	.04980	.05427	08582	.04237	.04214	.02537
1.205	.000	10.00000	-5.00000	.27928	-.02249	00040	05328	08384	.04223	.03568	.01454
1 205	2 000	10.00000	-5.00000	27935	10309	-.04709	.05260	.08193	04182	.02783	00427
1.205	4.000	10.00000	-5 00000	.27654	23058	- 09698	.05250	.07936	.04087	.01514	-.00473
	GRADIENT	.00000	00000	00016	06429	- 02461	-.00034	- 00101	-.00023	-.00390	-.00518

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB18)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = -4.000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 150	-6.000	10.00000	-5.00000	26202	-.44292	.17202	05507	.09050	.04424	.05684	.07468
1 150	-4.000	10 00000	-5 00000	.26446	-.29707	.11544	05442	.08873	.04332	.05166	.06260
1 150	-2 000	10 00000	-5 00000	.26656	-.16238	06359	05374	.08775	.04242	04601	.04701
1 150	000	10 00000	-5 00000	.26620	-.03049	00916	05261	.08598	.04227	.03886	.03170
1.150	2.000	10 00000	-5.90000	.26548	.09660	-.04202	.05131	.08352	.04185	.02993	.01753
	GRADIENT	.00000	.00000	.00014	.06564	-.02634	- 00052	-.00087	-.00023	-.00362	-.00753

RUN NO 0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	10.00000	-5 00000	.27278	-.59489	.23065	.05504	.09073	.04398	.05750	.07361
1.205	-6.000	10.00000	-5 00000	.27551	-.43385	.16470	.05430	08801	.04245	.05131	06082
1.205	-4.000	10 00000	-5.00000	27892	- 28595	.10634	.05370	08538	04154	04599	.04622
1.205	-2.000	10.00000	-5.00000	.28060	-.14855	.05294	.05300	08394	.04107	.04171	.03415
1 205	.000	10.00000	-5.00000	.27993	-.02030	.00196	.05210	08242	.04118	.03642	.02217
1.205	2.000	10.00000	-5.00000	.27990	.10568	-.04679	.05093	.08036	.04078	.03014	.01034
1 205	4.000	10.00000	-5.00000	.27835	23038	-.09556	.05052	.07789	.03994	.01981	-.00049
	GRADIENT	00000	.00000	-.00009	06434	-.02518	-.00042	-.00093	-.00017	-.00320	-.00586

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB19)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT		BETA = .000	ELV-LI = 10.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT		ELV-LO = -5.000	ELV-RI = 10.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = 0100				

RUN NO. 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	10.00000	-5.00000	.26109	-.45447	.18847	.05518	.09098	.04203	.04697	.07967
1.150	-4.000	10.00000	-5.00000	26435	- 30666	12868	.05427	.08822	.04099	.04232	.07946
1.150	-2.000	10.00000	-5.00000	.26786	-.16715	.07002	.05372	.08611	.03990	.03965	.06926
1.150	.000	10.00000	-5.00000	.26977	-.03813	01596	05304	.08341	.03895	.03671	.05349
1.150	2.000	10.00000	-5.00000	.26660	.08864	-.03508	.05172	.08114	.03923	.02956	.03634
	GRADIENT	.00000	00000	.00043	.06575	-.02727	-.00042	-.00120	-.00031	-.00206	-.00726

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB19)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   .000   ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	.27353	-.60045	.24299	.05471	.09062	.04130	.05367	.07864
1.205	-6.000	10.00000	-5.00000	.27608	-.43973	.17719	.05374	.08776	.03994	.04783	.07597
1.205	-4.000	10.00000	-5.00000	.27977	-.28818	.11488	.05291	.08447	.03896	.04292	.06785
1.205	-2.000	10.00000	-5.00000	.28310	-.15130	.05906	.05225	.08220	.03806	.04010	.05551
1.205	.000	10.00000	-5.00000	.28410	-.02517	.00769	.05175	.08049	.03727	.03737	.04107
1.205	2.000	10.00000	-5.00000	.28205	.09814	-.03963	.05077	.07801	.03749	.03223	.02673
1.205	4.000	10.00000	-5.00000	.27826	.22384	-.08699	.04967	.07535	.03783	.02484	.01274
GRADIENT		.00000	.00000	-.00020	.06367	-.02512	-.00040	-.00112	-.00014	-.00220	-.00695

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB20)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   4.000   ELV-LI = 10.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI = 10.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	10.00000	-5.00000	.26934	-.45317	.17959	.05737	.09156	.03921	.03260	.07768
1.150	-4.000	10.00000	-5.00000	.27144	-.30414	.11920	.05630	.08892	.03824	.02943	.08089
1.150	-2.000	10.00000	-5.00000	.27481	-.16551	.06374	.05524	.08657	.03685	.02652	.08245
1.150	.000	10.00000	-5.00000	.27724	-.03652	.01256	.05414	.08437	.03545	.02163	.07429
1.150	2.000	10.00000	-5.00000	.27490	.00208	-.04031	.05261	.08170	.03523	.01556	.05702
GRADIENT		.00000	.00000	.00064	.06588	-.02649	-.00061	-.00119	-.00052	-.00233	-.00399

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	10.00000	-5.00000	.28026	-.60235	.23599	.05745	.09068	.03890	.04172	.07440
1.205	-6.000	10.00000	-5.00000	.28238	-.43995	.16995	.05636	.08813	.03777	.03791	.07581
1.205	-4.000	10.00000	-5.00000	.28520	-.29170	.10973	.05519	.08560	.03651	.03460	.07868
1.205	-2.000	10.00000	-5.00000	.28894	-.15518	.05599	.05404	.08311	.03517	.03204	.07425
1.205	.000	10.00000	-5.00000	.29104	-.02651	.00664	.05287	.09116	.03379	.02812	.06126
1.205	2.000	10.00000	-5.00000	.28862	.09731	-.04240	.05173	.07857	.03368	.02245	.04466
1.205	4.000	10.00000	-5.00000	.28326	.22337	-.09345	.05044	.07642	.03510	.01589	.02869
GRADIENT		.00000	.00000	-.00021	.06413	-.02524	-.00059	-.00115	-.00022	-.00235	-.00648

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB21)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   10.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   10.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-Li	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	10.00000	-5.00000	.27365	-.45344	17367	.05956	.09216	.03634	.02822	.07710
1.150	-4.000	10.00000	-5.00980	.27511	-.30585	11503	.05822	.08980	.03593	.02497	.07903
1.150	-2.000	10.00000	-5.00000	27695	-.16748	06123	.05660	08797	.03495	.02204	.08248
1.150	000	10.00000	-5.00000	27815	-.03443	00820	.05520	.08606	.03380	.01644	.08019
1.150	2 000	10 00000	-5.00000	27589	.09794	- 04728	.05340	.08287	.03450	01015	.06660
	GRADIENT	.00000	.00000	00018	.06722	- 02700	-.00079	-.00114	- 00027	-.00250	-.00198

                RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	10.00000	-5.00000	.28088	-.60596	23295	.05965	.09271	03667	03749	.07355
1 205	-6.000	10 00000	-5 00000	28391	-.44174	.16486	.05854	08909	.03416	.03416	.C7383
1.205	-4.000	10 00000	-5.00000	28726	-.29520	.10694	.05690	08591	.03476	.03030	07816
1.205	-2.000	10 00000	-5.00000	.28992	- 15913	.05489	.05523	08413	.03353	.02631	.07867
1.205	000	10.00000	-5 00000	.29134	- 02827	.00389	05397	08250	.03237	.02181	.07022
1.205	2 000	10.00000	-5 00C00	.28854	09878	-.04670	.05285	.08009	03303	.01605	05494
1 205	4.000	10 00000	-5 00000	.28243	.22617	-.09779	.05164	.07771	.03420	.01107	.03754
	GRADIENT	.00000	00000	- 00055	06503	-.02555	-.00064	-.00102	-.00008	-.00244	-.00525

LARC 8FT TPT 749 (IA93) OTSA"130   (MJJB22)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12 000
BREF = 1290.3000 INCHES   ZMRP =   4C0.0000 IN ZT   ELV-RO =   -5.000
SCALE =   .0100

                RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	.25987	-.43392	.15700	.05633	.09221	.04575	.03296	.06634
1.150	-4.000	12.00000	-5.00000	26188	-.28754	.10116	.05575	.09052	.04495	.02881	.05091
1.150	-2.000	12.00000	-5 00000	26545	-.15162	.05077	.05499	.08901	04376	.02389	.03570
1.150	.000	12.00000	-5 00000	.26702	-.02211	-.00057	.05385	08699	.04317	.01685	.02239
1.150	2.000	12.00000	-5.00000	.26744	.10836	-.05243	.05291	.08473	.04254	.00904	.00976
	GRADIENT	.00000	.00000	.00091	.06586	-.02561	-.00048	-.00097	-.00039	-.00332	-.00684

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB22)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP - 976.0000 IN XT   BETA   = -6.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	12 00000	-5.00000	27191	-.59015	.21846	.05657	.09220	.04479	03356	.06535
1.205	-6.000	12.00000	-5.00000	.27369	-.42596	.15054	.05589	.08967	.04405	.02795	.05022
1.205	-4 000	12 00000	-5.00000	27646	-.28003	09550	05541	08725	.04334	.02356	.03662
1.205	-2 000	12.00000	-5 00000	27944	-.14392	04501	05454	08545	.04257	.01983	.02565
1.205	.000	12 00000	-5 00000	28056	-.01524	-.00529	.05348	08342	04230	.01350	.01431
1.205	2.000	12.00000	-5 00000	.28104	.11069	-.05310	.05275	.08133	04185	.00431	.00394
1.205	4.000	12.00000	-5 00000	27840	.23652	- 10215	.05255	07886	.04086	-.00626	-.00573
	GRADIENT	00000	.00000	00027	06439	- 02467	- 00037	- 00104	-.00028	-.00376	-.00532

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB23)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690 0000 SQ FT.   XMRP = 976.0000 IN XT   BETA   = -4.000   ELV-LI = 12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = -5.000   ELV-RI = 12.000
BREF = 1290.3000 INCHES   ZMRP = 400 0000 IN. ZT   ELV-RO = -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	-5 00000	26314	-.43864	.16808	.05518	09083	.04463	.02975	.07477
1.150	-4.000	12 00000	-5 00000	26561	-.29175	.11071	.05450	08871	.04376	.02595	.06231
1.150	-2 000	12.00000	-5.00000	26799	-.15416	.05711	.05385	08724	.04275	.02199	.04643
1.150	000	12 00000	-5 00000	26783	-.02475	.00432	.05283	08558	.04233	.01637	.03159
1.150	2 000	12.00000	-5 00000	.26651	.10510	- 04803	.05156	08346	.04205	00896	.01714
	GRADIENT	.00000	.00000	.00013	06600	-.02645	-.00049	-.00087	-.00028	-.00283	-.00752

RUN NO   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	12 00000	-5.00000	27619	-.59013	22604	.05527	.09010	.04399	03129	.07321
1.205	-6.0°0	12 00000	-5 00000	.27785	-.42687	.15911	05462	.08759	.04265	.02647	.06007
1.205	-4.000	12 00000	-5.00000	.27980	-.27882	.10070	.05410	08532	.04202	.02228	.04573
1.205	-2.000	12 00000	-5 00000	.28246	- 14222	04745	.05330	08347	.04133	01908	.03411
1 205	.000	12 00000	-5.00000	.28145	- 01398	-.00354	.05238	08200	04127	01464	.02228
1 205	2.000	12 00000	-5.00000	28090	10949	- 05071	05115	07994	04101	00748	.00973
1 205	4.000	12.00000	-5.00000	27954	.23558	- 10034	05062	.07750	.04011	-.00231	-.00089
	GRADIENT	00000	00000	-.00010	06402	- 02501	- 00046	- 00096	-.00021	-.00304	-.00568

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB24) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	.26308	-.44923	.18430	.05544	.09106	.04236	.02392	.07946
1.150	-4.000	12.00000	-5.00000	.26562	-.30003	.12418	.05462	.08857	.04141	.02080	.07925
1.150	-2.000	12.00000	-5.00000	.26977	-.16234	.06645	.05390	.08587	.04017	.01889	.06892
1.150	.000	12.00000	-5.00000	.27093	-.03252	.01101	.05329	.08331	.03924	.01646	.05312
1.150	2.000	12.00000	-5.00000	.26866	.09382	-.03897	.05190	.08056	.03928	.01102	.03642
	GRADIENT	.00000	.00000	.00051	.06557	-.02724	-.00044	-.00133	-.00037	-.00159	-.00721

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	.27613	-.59274	.23754	.05489	.09020	.04147	.02878	.07816
1.205	-6.000	12.00000	-5.00000	.27810	-.43460	.17291	.05399	.08756	.04029	.02454	.07564
1.205	-4.000	12.00000	-5.00000	.28071	-.28583	.11176	.05334	.08469	.03950	.02096	.06724
1.205	-2.000	12.00000	-5.00000	.28402	-.14572	.05439	.05269	.08203	.03851	.01874	.05464
1.205	.000	12.00000	-5.00000	.28521	-.01944	.00286	.05197	.07984	.03758	.01655	.04053
1.205	2.000	12.00000	-5.00000	.28303	.10382	-.04437	.05096	.07735	.03768	.01204	.02594
1.205	4.000	12.00000	-5.00000	.27993	.22628	-.09077	.04981	.07450	.03797	.00571	.01314
	GRADIENT	.00000	.00000	-.00013	.06369	-.02519	-.00044	-.00125	-.00019	-.00186	-.00684

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB25) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 376.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = -5.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = -5.000	
SCALE = .0100				

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	-5.00000	.27124	-.44770	.17465	.05760	.09103	.03957	.01327	.07727
1.150	-4.000	12.00000	-5.00000	.27409	-.29934	.11442	.05633	.08810	.03848	.01085	.08052
1.150	-2.000	12.00000	-5.00000	.27748	-.15875	.05850	.05512	.08570	.03701	.00778	.08194
1.150	.000	12.00000	-5.00000	.27897	-.02722	.00630	.05413	.08380	.03560	.00204	.07354
1.150	2.000	12.00000	-5.00000	.27708	.09824	-.04575	.05279	.08127	.03514	-.00364	.05740
	GRADIENT	.00000	.00000	.00052	.06621	-.02664	-.00058	-.00112	-.00057	-.00246	-.00389

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB25)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	12 00000	-5 00000	.28249	-.59698	.23176	.05766	.09040	.03906	.02062	.07440
1 205	-6.000	12 00000	-5.00000	.28350	-.43560	.16607	.05661	.08819	.03813	.01773	.07572
1 205	-4.000	12.00000	-5.00000	28655	-.28691	.10557	.05537	.08524	.03685	.01523	.07812
1 205	-2.000	12.00000	-5.00000	.28997	- 14893	.05101	.05431	.08283	.03548	.01310	.07343
1 205	.000	12.00000	-5.00000	29258	- 01818	00095	.05297	.08052	.03394	.00933	06086
1.205	2.000	12.00000	-5.00000	.29088	.10531	- 04837	.05178	.07771	.03359	.00378	.04424
1.205	4.000	12.00000	-5.00000	.28528	.22961	- 09819	.05063	.07566	.03474	-.00206	.02853
	GRADIENT	.00000	00000	- 00008	06436	-.02534	- 00060	- 00121	-.00031	-.00219	-.00642

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB26)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN YT   ELV-LO =   -5.000   ELV-RI =   12.000
BREF = 1290 3000 INCHES   ZMRP =   400.0000 IN ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	12.00000	-5.00000	.27497	-.44604	.16786	.05987	.09189	.03672	.00973	.07663
1.150	-4.000	12.00000	-5.00000	.27716	-.29884	.10940	.05831	08912	.03622	.00709	.07859
1.150	-2.000	12 00000	-5 00000	.27904	-.16109	.05608	.05655	.08722	.03519	.00413	.08191
1.150	.000	12 00000	-5.00000	.28001	-.02925	00354	.05521	.08552	.03398	-.00174	.07942
1.150	2 000	12 00000	-5.00000	.27771	10166	- 05114	.05349	08260	.03443	-.00804	.06636
	GRADIENT	00000	00000	.00013	06667	-.02671	-.00079	-.00106	-.00033	-.00256	-.00196

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	-5.00000	.28280	-.59841	.22769	.05978	.09236	03676	.01770	.07334
1.205	-6.000	12 00000	-5.00000	.28550	-.43693	.16065	.05867	.08883	.03587	.01510	.07374
1.205	-4.000	12.00000	-5.00000	.28874	-.29101	.10301	.05713	.08549	.03496	.01202	.07763
1.205	-2.000	12 00000	-5.00000	.29065	-.15307	.05014	.05561	.08398	.03383	.00874	.07785
1.205	.000	12.00000	-5.00000	.29285	-.02141	-.00120	.05401	.08194	.03245	.00459	.06959
1.205	2.000	12.00000	-5.00000	29058	.10514	-.05188	.05280	.07950	.03281	-.00138	.05409
1.205	4 000	12 00000	-5.00000	.28440	.23207	-.10252	.05167	.07737	.03380	- 00621	.03751
	GRADIENT	C0000	.00000	-.00044	.06522	-.02565	-.00069	-.00104	-.00017	-.00233	-.00520

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB27)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = -6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = 0000 IN. YT			ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT			ELV-RO = 4.000	
SCALE = .0100					

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	4.00000	.14363	-.51380	.16359	.04944	.09390	.03806	.02114	.00848
.900	-6.000	12 00000	4.00000	.14648	-.37865	.11249	.04788	.09103	.03750	.02385	.01271
.900	-4.000	12.00000	4 00000	.14776	-.25378	.06441	.04625	.08842	.03699	.02475	.01393
.900	-2 000	12.00000	4 00000	14972	-.12973	01359	.04558	.08544	.03648	02467	.01517
.900	.000	12.00000	4 00000	.15029	- 00489	-.03566	.04477	08151	.03626	.02520	.01379
.900	2.000	12.00000	4 00000	.14688	.11741	-.08395	.04452	.08007	.03663	.02073	.00388
900	4.000	12.00000	4 00000	.14468	24117	-.12904	.04423	07851	.03589	.00838	-.01128
	GRADIENT	00000	00000	-.00045	06185	-.02422	- 00026	-.00126	- 00010	-.00183	-.00308

RUN NO   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12.00000	4 00000	18731	-.55453	.18870	.05888	.10432	04558	.02171	.02276
.975	-6 000	12.00000	4.00000	.19033	- 40798	.13320	.05654	.09988	.04555	.02625	.02519
.975	-4.000	12.00000	4 00000	.19241	- 27759	08727	05438	09718	.04459	02812	.02727
.975	-2.000	12 00000	4 00000	19389	-.14579	.03772	.05298	.09581	.04367	.02280	.02640
.975	000	12.00000	4.00000	.19457	- 01420	-.01621	05218	.09403	.04394	.01137	.01951
.975	2 000	12 00000	4 00000	.19242	.10858	- 06511	.05251	09313	.04410	-.00216	.00958
.975	4 000	12 00000	4 00000	.18717	23848	-.11425	05302	.09330	.04498	-.01193	- 00288
	GRADIENT	.00000	.00000	- 00060	.06433	-.02529	-.00016	- 00052	.00006	- 00525	-.00386

RUN NO.   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	12.00000	4 00000	.25913	-.41000	.13636	05694	.09249	.04638	.02653	.01772
1 150	-4.000	12.00000	4 00000	26221	-.26539	.08196	05614	09041	.04541	.02308	.00610
1.150	-2.000	12.00000	4.00000	26637	-.13203	03328	.05616	08862	.04421	01863	-.00631
1 150	.000	12.00000	4.00000	.26740	-.00063	-.01888	05398	08659	.04377	.01155	-.01669
1.150	2.000	12 00000	4.00000	26813	.12762	- 06933	05307	08434	.04301	.00389	-.02529
	GRADIENT	.00000	00000	.00094	.06552	-.02530	-.00052	-.00101	- 00038	-.00323	- 00523

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB27)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	.27086	-.56702	.19799	.05711	.09255	.04546	.02927	.01564
1.205	-6.000	12.00000	4.00000	.27287	-.40378	.13127	.05633	.08999	.04468	.02434	.00483
1.205	-4.000	12.00000	4.00000	.27669	-.25980	.07788	.05568	.08714	.04381	.02015	-.00607
1.205	-2.000	12.00000	4.00000	.27999	-.12479	.02822	.05480	.08526	.04310	.01653	-.01581
1.205	.000	12.00000	4.00000	.28112	.00407	-.02165	.05369	.08318	.04291	.01060	-.02506
1.205	2.000	12.00000	4.00000	.28205	.12880	-.06863	.05287	.08085	.04232	.00317	-.03268
1.205	4.000	12.00000	4.00000	.27927	.25297	-.11614	.05266	.07843	.04122	-.00561	-.03947
GRADIENT		.00000	.00000	.00036	.06396	-.02425	-.00040	-.00109	-.00030	-.00324	-.00418

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB28)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	4.00000	.14748	-.51839	.17382	.04809	.09437	.03640	.01874	.00708
.900	-6.000	12.00000	4.00000	.15004	-.39161	.12079	.04668	.09093	.03568	.02118	.01279
.900	-4.000	12.00000	4.00000	.15147	-.25530	.07006	.04555	.08727	.03479	.02149	.01470
.900	-2.000	12.00000	4.00000	.15305	-.13110	.01762	.04517	.08258	.03437	.02102	.01601
.900	.000	12.00000	4.00000	.15166	-.00323	-.03524	.04428	.07896	.03476	.02144	.01452
.900	2.000	12.00000	4.00000	.14688	.12093	-.08706	.04399	.07730	.03515	.02133	.01031
.900	4.000	12.00000	4.00000	.14550	.24507	-.13175	.04321	.07635	.03461	.00818	-.00676
GRADIENT		.00000	.00000	-.00091	.06264	-.02542	-.00031	-.00136	.00002	-.00131	-.00243

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB28)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   . BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12.00000	4.00000	.19349	-.55612	.19709	05706	10391	.04412	.01871	.02241
.975	-6.000	12.00000	4.00000	.19653	-.41101	.14157	05494	09884	.04382	.02095	.02462
.975	-4.000	12.00000	4.00000	.19874	-.28151	.09672	.05312	09593	.04270	.02026	02647
.975	-2.000	12.00000	4.00000	.19894	-.15162	.04686	.05168	09458	.04188	.01609	.02659
.975	.000	12.00000	4.00000	.19766	-.02253	-.00629	.05099	.09224	.04249	.00545	.02273
975	2.000	12.00000	4.00000	19470	10199	-.05768	.05183	.09087	04262	-.00638	01319
.975	4.000	12.00000	4.00000	.19030	.23583	-.11114	.05181	.09074	04343	-.01643	.00122
	GRADIENT	.00000	00000	-.00106	.06441	-.02591	-.00012	-.00070	.00011	-.00479	-.00319

                    RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	4.00000	26317	-.41412	14649	05562	09066	.04517	.02376	.02403
1.150	-4.000	12.00000	4.00000	.26566	-.26809	08999	05483	08949	04429	.02017	.01501
1.150	-2.000	12.00000	4.00000	.26868	-.13358	.03865	.05406	08687	.04326	01666	.00249
1.150	.000	12.00000	4.00000	.26797	-.00328	-.01401	.05291	08525	.04303	.01079	-.00904
1.150	2.000	12.00000	4.00000	.26834	.12382	-.06453	.05145	08271	.04249	.00313	-.01932
	GRADIENT	.00000	00000	.00037	.06530	-.02581	-.00056	-.00095	-.00028	-.00285	-00573

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	4.00000	.27554	-.56631	.20515	.05574	09030	.04456	.02756	.02156
1.205	-6.000	12.00000	4.00000	27657	-.40555	.13986	05516	08812	.04343	.02285	.01254
1.205	-4.000	12.00000	4.00000	.28014	-.25968	08318	.05446	08514	.04246	.01909	.00179
1.205	-2.000	12.00000	4.00000	28271	-.12224	.03020	05359	08322	.04187	.01631	-.00841
1.205	.000	12.00000	4.00000	28192	00618	-.02027	05254	08166	.04192	.01150	-.01880
1.205	2.000	12.00000	4.00000	.28245	.12819	-.06647	.05116	07930	.04150	.00446	-.02792
1.205	4.000	12.00000	4.00000	.28064	25344	-.11476	.05073	07701	04046	-.00354	-.03550
	GRADIENT	.00000	00000	.00004	06383	-.02463	-.00050	-.00101	-.00022	-.00286	-.00471

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB29)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT	BETA = .000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT	ELV-LO = 4.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400 0000 IN. ZT	ELV-RO = 4.000	
SCALE = .0100			

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8 000	12.00000	4.00000	14862	-.52772	.18543	.04775	.09372	.03254	.00856	.00246
.900	-6.000	12 00000	4.00000	.14917	-.38949	.1303I	.04709	08924	.03115	.01030	.00984
.900	-4 000	12 00000	4 00000	.15202	-.25884	.07656	.04664	08385	02985	.00927	01612
.900	-2.000	12.00000	4 00000	15505	-.13675	02201	.04633	07745	.02922	00726	.01793
.900	.000	12 00000	4 00000	.15218	- 00980	- 03084	.04542	07568	.03016	00810	.01659
.900	2.000	12 00000	4 00000	.15028	.11831	-.08714	.04496	07343	.03093	.00713	.01293
.900	4 000	12.00000	4.00000	14766	24298	- 13106	.04431	.07350	03140	.00537	.00291
	GRADIENT	.00000	.00000	- 00067	06293	- 02622	-.00030	- 00124	00024	-.00040	-.00157

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8 000	12 00000	4 00000	.19768	-.56359	.20840	.05454	10284	.04168	.00486	.02174
.975	-6 000	12.00000	4.00000	.20010	- 41808	.15335	.05353	09842	.04041	.00811	.02361
.975	-4.000	12.00000	4 00000	.20112	-.28707	.10559	05333	.09432	.03882	00728	.02656
.975	-2 000	12.00000	4 00000	.20152	-.15946	.05640	.05360	09195	.03755	-.00199	.02749
975	ι 000	12.00000	4.00000	.19956	-.03696	.00663	.05397	.09032	.03739	-.00524	.02577
.975	2.000	12 00000	4 00000	19558	.08936	- 04499	.05461	.08919	03795	-.01313	.02131
.975	4.000	12 00000	4 00000	19119	.22333	- 10223	.05455	.08757	03882	-.02183	.00964
	GRADIENT	.00000	00000	- 00129	06348	-.02585	00017	- 00081	00002	-.00367	- 00200

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	12.00000	4 00C00	.26357	-.42655	.16366	.05565	09092	.04304	.02042	.02615
1.150	-4.000	12.00000	4 00000	26597	-.27870	.10424	.05488	.08846	.04214	.01613	.02892
1 150	-2.000	12.00000	4 00CC0	.27077	-.13876	04665	05399	08557	.04088	01381	.02050
1.150	000	12.00000	4.00000	.27233	-.01309	- 00571	.05309	08260	.03995	.01168	.00633
1.150	2.000	12 00000	4.00000	26970	.11273	-.05534	05173	.08018	.04002	00552	-.00684
	GRADIENT	.00000	.00000	.00064	06500	-.02656	-.00052	-.00139	-.00037	-.00170	-.00607

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB29)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	12.000
ELV-LO	=	4.000	ELV-RI	=	12.000
ELV-RO	=	4 000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	12 00000	4 00000	27593	-.57100	.21739	.05525	.09034	.04209	.02577	.02446
1.205	-6.000	12.00000	4 00000	27732	-.41250	15315	.05444	08817	.04112	.02159	.02344
1.205	-4.000	12.00000	4.00000	.28089	-.26397	09289	05371	.08485	.04021	.01809	.01763
1 205	-2.000	12.00000	4 00000	28486	-.12612	03729	.05288	.08173	03913	.01596	.00881
1.205	.000	12 00000	4.00000	28603	00022	- 01343	.05203	.07959	03835	01372	-.00394
1.205	2.000	12 00000	4.00000	28453	12044	- 05904	05095	.07670	.03838	00876	-.01547
1.205	4.000	12.00000	4 00000	28212	24483	- 10584	04971	.07360	.03833	.00137	-.02523
	GRADIENT	.00000	00000	.00011	.06321	-.02469	-.00050	-.00138	-.00022	-.00203	-.00550

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB30)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	12.000
ELV-LO	=	4.000	ELV-RI	=	12.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	4 00000	.15715	- 52273	.17613	.04831	09212	.03070	-.00364	-.00276
.900	-6.000	12 00000	4 00000	.15961	-.38482	.12310	.04679	.08880	.02981	-.00293	00589
.900	-4.000	12 00000	4.00000	16205	-.25616	07155	.04541	.08498	.02890	-.00246	.01389
900	-2.000	12.00000	4.00000	16356	-.13625	.01996	.04547	08030	.02840	-.00275	.01696
.900	000	12.00000	4 00000	16348	- 01159	- 03161	.04469	.07774	.02768	- 00299	.01853
.900	2.000	12 00000	4 00000	.16133	11233	-.08536	.04395	.07526	.02766	-.00417	01537
.900	4.000	12.00000	4.00000	.15968	.23689	- 12949	04375	.07542	02844	- 00688	.00775
	GRADIENT	.00000	.00000	- 00035	.06173	-.02537	- 00024	-.00121	- 00008	- 00051	-.00069

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB30)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.30L0 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

                         RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

    MACH   ALPHA   ELV-Lı   ELV-LO   CAF   CNF   CLMF   CABO   CABT   CABS   CHEI   CHEO
    .975   -8.000   12 00000   4.00000   .20524   - 56223   .19845   .05614   .10091   .03857   -.01831   .01782
    975   -6.000   12 00000   4.00000   20891   -.41394   .14146   .05416   09649   03764   -.01792   .01855
    975   -4 000   12.00000   4 00000   .21151   -.27708   09130   05234   .09299   .03626   -.01819   .02040
    975   -2 000   12.00000   4 00000   21238   - 15104   04379   .05146   09219   .03497   -.01702   .02130
    .975   .000   12 00000   4 90000   21356   -.02704   -.00478   05144   09170   .03383   -.01356   .02037
    .975   2 000   12 00000   4.00000   20891   10126   -.05798   .05119   08885   .03404   - 01331   .01627
    .975   4.000   12.00000   4 00000   20275   23106   - 11129   .05141   08801   .03538   -.01706   .00980
             GRADIENT   .00000   00000   -.00105   .06343   -.02535   -.00011   - 00067   - 00013   .00030   -.00131

                         RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

    MACH   ALPHA   ELV-LI   ELV-LO   CAF   CNF   CLMF   CABO   CABT   CABS   CHEI   CHEO
   1.150   -6.000   12 00000   4.00000   .27167   -.42453   .15408   .05793   09129   04011   .01069   .02272
   1.150   -4 000   12.00000   4.00000   27374   - 27615   .09430   .05668   .06956   03906   00805   02834
   1.150   -2 000   12.00000   4 00000   27758   -.13602   03878   .05543   08575   03739   .00422   03165
   1.150   .000   12 00000   4 00000   .28048   -.00616   -.01219   05425   .08345   03582   -.00251   02347
   1.150   2.000   12 00000   4.00000   .27820   .12119   -.06420   .05264   08077   .03563   - 00838   .00935
             GRADIENT   .00000   .00000   .00081   .06609   - 02632   - 00067   -.00128   - 00059   -.00280   -.00326

                         RUN NO   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5 00/ 5.00

    MACH   ALPHA   ELV-LI   ELV-LO   CAF   CNF   CLMF   CABO   CABT   CABS   CHEI   CHEO
   1.205   -8.000   12.00000   4 00000   .28261   - 57046   21031   05813   .09059   .03956   .01787   .02070
   1.205   -6 000   12.00000   4 00000   .28382   - 40946   .14505   05700   08943   .03869   .01569   02348
   1.205   -4 000   12 00000   4.00030   .28711   -.26454   .08650   .05565   08535   .03733   .01361   02781
   1.205   -2.000   12 00000   4 00000   29110   -.12932   03389   .05447   08257   .03574   .01094   .02443
   1.205   .000   12.00000   4.00000   .29386   -.00124   -.01483   .05313   .08032   .03418   .00718   .01301
   1.205   2.000   12.00000   4 00000   .29150   12207   -.06365   .05212   07795   .03394   00181   0001I
   1.205   4.000   12.00000   4 00000   28670   24751   - 11307   .05067   .07523   03499   - 00511   -.01214
             GRADIENT   .00000   .00000   -.00002   06377   -.02483   - 00062   -.00124   - 00032   -.00233   -.00521

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ831)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0100				

BETA =	6.000	ELV-LI =	12.000
ELV-LO =	4.000	ELV-RI =	12.000
ELV-RO =	4.000		

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	4.00000	.15977	-.52101	.17150	.04926	.09323	.02844	-.00608	-.00272
.900	-6.000	12.00000	4.00000	.16285	-.38694	.12071	.04752	.08976	.02790	-.00616	.00662
.900	-4.000	12.00000	4.00000	.16461	-.26162	.07154	.04628	.08706	.02748	-.00648	.01408
.900	-2.000	12.00000	4.00000	.16589	-.13778	.02076	.04640	.08382	.02710	-.00703	.01551
.900	.000	12.00000	4.00000	.16720	-.01398	-.03108	.04561	.08024	.02644	-.00801	.01680
.900	2.000	12.00000	4.00000	.16466	.11406	-.08477	.04494	.07778	.02676	-.00880	.01504
.900	4.000	12.00000	4.00000	.16097	.23407	-.12729	.04468	.07801	.02756	-.00952	.00940
	GRADIENT	.00000	.00000	-.00043	.06216	-.02516	-.00023	-.00121	-.00001	-.00039	-.00049

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12.00000	4.00000	.20863	-.56083	.19387	.05914	.10164	.03473	-.02526	.01764
.975	-6.000	12.00000	4.00000	.21250	-.41297	.13671	.05670	.09749	.03443	-.02448	.01763
.975	-4.000	12.00000	4.00000	.21491	-.27998	.08772	.05452	.09465	.03365	-.02292	.01850
.975	-2.000	12.00000	4.00000	.21512	-.15181	.03945	.05299	.09368	.03270	-.01933	.01850
.975	.000	12.00000	4.00000	.21533	-.02154	-.01266	.05174	.09278	.03213	-.01429	.01744
.975	2.000	12.00000	4.00000	.21190	.10551	-.06421	.05140	.09035	.03273	-.01301	.01405
.975	4.000	12.00000	4.00000	.20414	.23580	-.11515	.05197	.08971	.03409	-.01403	.00973
	GRADIENT	.00000	.00000	-.00124	.06444	-.02547	-.00033	-.00066	.00005	.00121	-.00110

RUN NO   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12.00000	4.00000	.27602	-.42552	.14817	.06023	.09196	.03697	.00785	.02198
1.150	-4.000	12.00000	4.00000	.27788	-.27927	.09051	.05869	.08933	.03640	.00508	.02600
1.150	-2.000	12.00000	4.00000	.27990	-.13948	.03675	.05686	.08723	.03523	.00120	.03102
1.150	.000	12.00000	4.00000	.28114	-.00646	-.01574	.05545	.08536	.03404	-.00530	.02842
1.150	2.000	12.00000	4.00000	.27876	.12324	-.06910	.05354	.08223	.03464	-.01203	.01697
	GRADIENT	.00000	.00000	.00019	.06703	-.02657	-.00084	-.00116	-.00032	-.00289	-.00148

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB31)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SPEF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   4.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	12.00000	4.00000	28374	-.57581	20785	.06023	.09253	.03688	.01530	.02033
1 205	-6.000	12 00000	4.00000	.28597	-.41398	.14131	.05918	08924	.03610	.01317	.02170
1.205	-4.000	12 00000	4.00000	.28980	-.26911	.08437	.05742	08551	.03507	.01028	.02769
1.205	-2 000	12 00000	4.00000	.29282	- 13270	.03256	.05565	08350	.03370	.00637	.02867
1.205	.000	12.00000	4.00000	29433	- 00229	- 01787	.05428	.08174	.03246	.00169	.01991
1 205	2.000	12.00000	4.00000	.29167	.12293	- 06766	.05305	.07939	03297	-.00385	.00792
1.205	4.000	12.00000	4.00000	28583	.24961	- 11753	.05170	.07673	.03401	-.00882	-.00495
	GRADIENT	.00000	00000	- 00045	.06465	-.02520	-.00070	- 00108	-.00014	-.00242	-.00430

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB32)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6 000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   9 000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
9LJ	-8.000	12 00000	9.00000	14628	-.49897	.15250	.04944	.09339	.03818	.01424	.00277
.900	-6.000	12 00000	9.00000	14853	-.36609	.10236	.04787	.09058	.03760	.01645	.00801
.900	-4.000	12.00000	9 00C00	.14940	-.24287	.05453	.04621	08807	.03709	.01700	.00725
.900	-2.000	12 00000	9.00000	.15162	-.11446	00088	.04531	.08478	.03643	.01700	.00627
.900	000	12.00000	9.00000	15131	.01313	- 05141	04466	.08145	03648	.01696	.00313
.900	2.000	12 00000	9 00000	14745	13943	- 10433	.04427	.07935	.03700	.01563	-.00637
.900	4.000	12.00000	9 00000	.14667	.26538	-.14927	.04405	.07814	.03613	00161	-.02350
	GRADIENT	.00000	.00000	- 00048	.06352	-.02564	- 00027	-.00126	- 00007	-.00161	-.00371

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB32)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT    XMRP =  976.0000 IN. XT        BETA   =  -6.000   ELV-LI =  12.000
LREF  = 1290.3000 INCHES   YMRP =    .0000 IN. YT         ELV-LO =   9.000   ELV-RI =  12.000
BREF  = 1290.3000 INCHES   ZMRP =  400.0000 IN. ZT        ELV-RO =   9.000
SCALE =    .0100
```

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8 000	12.00000	9.00000	18883	-.54147	.17618	.05898	.10406	.04593	.01975	.00075
.975	-6 000	12.00000	9.00000	.19172	-.39467	12061	05647	.09970	.04590	02548	.00341
.975	-4.000	12 00000	9.00000	.19390	-.26174	07306	05417	.09713	04495	02601	00558
975	-2.000	12.00000	9 00000	.19601	-.13096	.02348	.05268	.09540	.04406	.01858	.00525
975	.000	12.00000	9 00000	19641	- 00210	-.02902	05182	09364	.04421	.00582	.00259
975	2.000	12.00000	9.00000	.19346	.12545	- 07974	.05200	.09275	.04439	- 00983	-.00530
975	4.000	12 00000	9 00000	18941	25719	-.13138	05236	.09265	.04528	-.02379	-.02601
GRADIENT		.00000	00000	- 00058	06471	-.02560	-.00022	- 00058	.00005	-.00640	-.00369

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	12.00000	9 00000	26063	- 39777	.12534	.05705	.09233	.04660	.02281	-.00420
1.150	-4 000	12 00000	9 00000	.26389	-.25376	07121	.05627	09026	.04561	01893	-.01471
1.150	-2.000	12.00000	9.00000	.26794	- 12040	02246	.05531	.08841	.04440	.01422	-.02566
1.150	.000	12.00000	9.00000	.26917	.01059	- 02933	.05409	.08618	.04397	.00734	-.03426
1.150	2.000	12.00000	9 00000	.26930	13777	-.07902	.05322	.08399	.04321	00150	- 04146
GRADIENT		.00000	00000	00092	06528	-.02512	-.00052	- 00105	-.00038	- 00296	-.00444

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	9.00000	.27205	-.55642	18852	.05729	.09268	.04584	.02611	-.00457
1.205	-6 000	12 00000	9.00000	.27463	-.39335	12209	.05651	.08992	.04495	.02130	- 01379
1 205	-4.000	12.00000	9.00000	27846	-.24915	06825	.05588	.08708	.04406	.01736	-.02431
1 205	-2.000	12.00000	9.00000	.28199	- 11320	01802	.05490	.08500	04331	.01392	- 03326
1.205	000	12.00000	9.00000	28323	.01527	- 03109	05372	08276	.04310	.00839	- 04099
1 205	2.000	12.00000	9.00000	.28392	13875	-.07729	.05297	.09052	.04248	.00062	-.04823
1.205	4.000	12.00000	9.00000	.28121	26339	-.12551	.05268	.07797	04135	-.00729	-.05458
GRADIENT		.00000	.00000	.00037	.06385	-.02414	- 00042	-.00114	-.00031	-.00313	-.00378

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB33)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	9.00000	.15065	-.50384	.16281	.04789	.09358	.03639	.0111	.00173
.900	-6.000	12.00000	9.00000	.15216	-.36905	.11043	.04644	.09026	03564	.01300	.00898
.900	-4.000	12.00000	9.00000	.15311	-.24333	.05980	04542	.08686	.03491	.01305	.008U1
.900	-2.000	12.00000	9.U0000	15508	-.11813	00617	.04504	.08183	.03445	.01212	.00615
.900	.000	12.00000	9.90000	15255	00968	- 04870	04439	07887	.03496	.01108	.00365
.900	2.000	12.00000	9.00000	.14908	14298	- 10705	04348	.07661	.03523	.01139	-.00482
.900	4.000	12.00000	9.00000	.14915	26888	- 15210	04294	07574	.03469	-.00050	- 02082
	GRADIENT	.00000	00000	-.00070	06428	- 02685	- 00033	- 00137	.00002	-.00139	-.00343

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12 00000	9 00000	.19523	-.54225	.18458	.05701	10341	.04458	.01675	.00027
.975	-6 000	12.00000	9.00000	19842	-.39454	12766	.05478	09839	.04420	.01985	.00232
.975	-4.000	12 00000	9 00000	.20077	-.26413	08105	.05288	.09568	.04302	.01817	00377
975	-2 000	12.00000	9 00000	20142	-.13825	.03401	05130	.09397	.04229	.01262	00371
.975	.000	12.00000	9.00000	.20013	- 01025	~ 01955	05054	09157	04279	.00067	.00311
975	2.000	12.00000	9 00000	19590	.11989	-.07297	05121	.09065	.04313	-.01183	-.00181
.975	4 000	12 00000	9.00000	.19218	25347	- 12704	.05100	.09031	04410	-.02693	- 01946
	GRADIENT	00009	00000	-.00114	.05467	-.02616	-.00019	-.00070	.00015	-.00573	-.00260

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12 00000	9.00000	.26470	-.40106	13529	.05580	.09050	.04546	.02085	00079
1.150	-4.000	12.00000	9.00000	.26763	-.25528	07881	.05497	08814	.04452	.01658	- 00720
1.150	-2 000	12.00000	9.00000	.27053	- 12127	02751	05416	08645	.04348	.01261	-.01831
1.150	.000	12.00000	9.00000	.26998	00871	-.02491	.05296	.08470	.04335	00676	- 02846
1.150	2 000	12.00000	9 00000	.27030	13450	-.07471	.05155	08226	.04275	-.00065	- 03673
	GRADIENT	.00000	00J00	.00037	06496	-.02565	-.00057	- 00097	-.00027	-.00288	-.00494

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB33)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -4.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9 000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	9 00000	.27633	-.55546	.19530	.05606	.09072	.04502	.02506	-.00012
1 205	-6.000	12.00000	9 00000	27846	-.39546	13048	05536	08806	04370	.02021	-.00775
1.205	-4 000	12 00000	9 00000	28251	-.24901	07360	05460	08483	.04268	.01641	- 01762
1.205	-2 000	12 00000	9 00000	28537	-.11125	.02035	05367	08280	.04209	.01321	- 02695
1 205	000	12 00000	9 00000	.28433	.01560	-.02919	05263	08127	.04219	.00845	- 03562
1.205	2.000	12.00000	9 00000	28410	.13914	- 07572	.05137	.07917	.04177	.00197	- 04366
1.205	4 000	12 00000	9 00000	28217	.26303	-.12369	.05082	.07677	.04071	-.00611	- 05096
	GRADIENT	.00000	00000	- 00010	.06372	- 02453	-.00049	-.00099	-.00021	-.00281	-.00417

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB34)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   12 000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN ZT   ELV-RO =   9.000
SCALE =   .0100

                    RUN NO   0/ 0   RN/L =   3 98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12.00000	9.00000	.15147	-.51555	17510	.04727	.09364	.03302	-.00059	-.00472
.900	-6.000	12 00000	9.00000	15235	-.37691	12031	04655	08877	.03131	.00163	00449
.900	-4.000	12.00000	9 00000	.15512	-.24589	06567	04610	.08296	.02973	.00017	00762
.900	-2.000	12 00000	9 00000	15393	-.12586	01132	04622	.07712	.02944	-.00313	.00493
900	.000	12 00000	9.00000	15615	.00771	- 04724	.04515	.07514	.03004	-.00418	.00204
.900	2 000	12 00000	9 00000	15358	.13806	- 10645	.04472	.07306	.03086	-.00487	-.00415
.900	4.000	12.00000	9 00000	.15116	.26473	- 15110	.04403	07292	.03132	- 00554	-.01409
	GRADIENT	00000	00000	-.00056	.06426	- 02757	- 00028	- 00121	.00023	- 00066	-.00263

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB34)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP =	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP =	400 0000 IN. ZT
SCALE	=	.0100		

BETA	=	.000	ELV-LI = 12.000
ELV-LO	=	9.000	ELV-RI = 12.000
ELV-RO	=	9.000	

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12.00000	9 00000	.19982	-.55197	19715	.05437	.10276	.04219	.00350	-.00045
.975	-6.000	12.00000	9.00000	.20190	-.40553	.14142	.05315	09825	04079	00647	.00057
.975	-4 000	12.00000	9.00000	.20274	-.27282	09256	.05277	09414	.03920	.00512	.00270
975	-2 000	12 00000	9 00000	.20364	-.14872	04442	.05308	.09162	03798	-.00165	00314
.975	000	12 00000	9 00000	.20252	-.02327	- 00705	05347	.08968	.03784	-.00983	.00150
.975	2.000	12 00000	9 00000	.19834	10530	- 05970	05411	08855	.03839	- 01951	-.00029
.975	4.000	12.00000	9.00000	19310	.23688	-.11542	.05402	.08681	03930	- 03014	-.00841
	GRADIENT	.00000	.00000	- 00123	.06367	-.02600	00018	-.00089	.00003	-.00442	-.00128

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12 00000	9 00000	26495	-.41469	15278	05584	.09088	-.04333	.01838	.00199
1.150	-4 000	12.00000	9.00000	26797	-.26591	.09290	05498	.08815	04238	.01370	.00421
1.150	-2 000	12.00000	9.00000	.27272	- 12590	03513	05406	.08527	.04118	01088	-.00293
1.150	.000	12.00000	9 00000	27416	.00032	-.01721	.05308	08236	04037	.00825	-.01520
1.150	2.000	12.00000	9 00000	27225	.12485	-.06578	.05159	07965	.04033	.00164	- 02641
	GRADIENT	00000	00000	.00071	06492	-.02642	-.00056,	-.00142	-.00035	-.00194	-.00521

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12 00000	9 00000	.27822	-.55839	20651	05536	.09020	.04221	.02418	.00162
1 205	-6.000	12 00000	9 00000	.28015	-.40049	.14264	05450	.08775	04127	.01962	.00064
1.205	-4 000	12.00000	9.00000	28315	-.25356	.08318	05388	08460	.04052	.01572	-.00464
1.205	-2 000	12.00000	9.00000	.28712	-.11652	.02806	.05303	.08149	.03943	.01318	-.01215
1.205	000	12 00000	9.00000	28884	.00985	- 02256	.05208	07926	.03868	01078	-.02350
1.205	2.000	12.00000	9.00000	.28658	.13168	-.06849	.05102	.07654	03867	.00575	-.03380
1.205	4.000	12.00000	9.00000	.28346	.25418	-.11459	.04992	.07361	.03860	-.00146	-.04222
	GRADIENT	.00000	00000	.00000	.06318	-.02460	-.00050	-.00135	-.00023	-.00209	-.00484

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB35)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12 00000	9.00000	.15973	-.50867	.16540	.04808	.09219	.03085	-.01068	- 00605
.900	-6.000	12.00000	9 00000	.16201	-.37349	11369	.04643	08871	.02982	-.00926	-.00050
.900	-4 000	12.00000	9.00000	16430	- 24884	.06233	.04511	.08480	.02893	-.01022	.00279
.900	-2 000	12.00000	9.00000	16598	- 12256	00673	.04521	.08000	02839	-.01209	.00320
900	.000	12.00000	9 00000	16711	.00855	- 04949	.04438	07731	.02764	-.01332	.00125
.900	2.000	12.00000	9 00000	.16533	.14005	- 10856	.04364	07450	02764	- 01513	-.00196
.900	4.000	12.00000	9 00000	16289	.26558	- 15284	.04327	.07449	02832	- 01546	-.00855
	GRADIENT	.00000	00000	-.00017	.06457	- 02728	-.00026	-.00131	-.00010	-.00068	-.00139

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
975	-8.000	12.00000	9 00000	.20775	- 54661	18564	.05596	10075	.03883	-.01967	-.00158
.975	-6.000	12 00000	9 00000	.21150	- 39983	12952	.03388	.09636	.03787	-.02060	-.00128
.975	-4.000	12.00000	9.00000	21391	- 26562	08013	.05229	09319	.03649	- 02195	-.00073
.975	-2.000	12.00000	9.00000	.21555	- 13755	.03126	.05095	.09173	03490	-.02131	- 00089
.975	000	12.00000	9 00000	21589	- 01459	-.01755	.05088	09119	.03376	-.01752	- 00239
.975	2.000	12.00000	9 00000	21063	11563	-.07178	.05082	.08865	.03412	-.01941	-.00718
.975	4.000	12 00000	9 00000	.20492	.24974	- 12786	05115	08757	.03581	-.02432	-.01473
	GRADIENT	00000	00000	- 00115	.06419	- 02595	- 00012	-.00072	- 00011	-.00014	-.00172

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	12 00000	9 0030	27391	-.41060	14247	.05792	.09084	.04029	.00905	-.00072
1.150	-4 000	12.00000	9.00000	.27631	-.26409	.08332	.05658	.08793	03913	00600	00392
1.150	-2.000	12.00000	9.00000	.28009	-.12711	.02908	.05541	08526	.03740	.00189	00663
1.150	.000	12 00000	9 00000	.28287	00434	- 02258	.05431	08301	.03595	- 00513	- 00065
1.150	2.000	12.00000	9 00000	28056	.13061	-.07341	.05263	.08028	.03583	-.01121	- 01264
	GRADIENT	.00000	.00000	.00078	.06578	-.02609	- 00065	-.00126	- 00057	-.00293	-.00285

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB35)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT				BETA	= 4.000	ELV-LI =	12.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN. YT				ELV-LO	= 9.000	ELV-RI =	12.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT				ELV-RO	= 9.000		
SCALE	= .0100									

RUN NO   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	12.00000	9.00000	.28390	-.56001	.20060	.05847	.09086	.03986	.01740	-.00176
1.205	-6 000	12.00000	9 00000	28532	-.40108	.13640	05729	.08855	.03897	.01460	.00075
1.205	-4.000	12 00000	9 00000	28907	-.25565	.07771	05581	08524	.03758	.01181	.00422
1.205	-2.000	12 00000	9 00000	.29350	-.11840	.02412	05451	08229	.03588	.00892	.00092
1.205	.000	12.00000	9.00000	29593	.01060	- 02468	.05317	.08002	03432	.00476	-.00887
1.205	2.000	12.00000	9 00000	29366	.13167	-.07206	.05209	.07724	.03418	- 00135	-.02018
1.205	4 000	12.00000	9.00000	28921	.25722	-.12169	05075	.07484	.03524	-.00783	-.03082
	GRADIENT	.00000	00000	- 00008	.06379	-.02475	-.00063	-.00129	-.00032	-.00248	-.00456

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB36)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976 0000 IN XT				BETA	= 6 000	ELV-LI =	12.000
LREF	= 1290.3000 INCHES	YMRP	= 0000 IN. YT				ELV-LO	= 9.000	ELV-RI =	12.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT				ELV-RO	= 9.000		
SCALE	= .0100									

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	12 00000	9.00000	.16300	- 50847	.16135	.04916	.09310	02847	-.01273	-.00597
900	-6.000	12.00000	9 00000	.16463	- 37544	11117	.04743	08999	.02802	-.01238	-.00115
.900	-4 000	12.00000	9.00030	16680	- 25094	06165	.04606	.08697	.02752	-.01349	00154
.900	-2.000	12.00000	9 00000	16892	-.12711	.00906	04603	.08310	.02697	-.01463	00195
900	.000	12 00000	9.00000	16996	.00343	-.04717	04548	07983	.02636	-.01629	.00034
900	2.000	12.00000	9 00000	.16796	.13651	-.10537	.04482	.07723	02671	-.01742	-.00227
.900	4.000	12.00000	9.00000	16387	.25860	-.14879	.04425	07702	.02739	-.01717	-.00666
	GRADIENT	.00000	.00000	-.00034	06413	- 02677	-.00024	- 00129	-.00003	-.00051	-.00103

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB36)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000	ELV-LI = 12.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 9.000	ELV-RI = 12.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 9.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	12.00000	9.00000	.21141	-.54825	.18210	.05941	.10181	.03489	- 02688	-.00240
975	-6.000	12.00000	9 00000	.21514	-.40039	.12492	.05660	09749	.03448	-.02740	-.00279
.975	-4.000	12.00000	9.00000	.21704	-.26594	.07498	.05420	09448	.03377	-.02644	-.00255
.975	-2.000	12.00000	9 00000	.21779	-.13609	.02575	05264	09326	03280	-.02297	-.00264
.975	.000	12 00000	9 00000	.21781	-.00624	-.02663	.05147	.09223	.03216	-.01789	-.00488
.975	2.000	12 00000	9.00000	.21326	.12032	- 07851	05122	.09003	.03271	-.01776	-.01033
975	4.000	12.00000	9.00000	20671	.25387	-.13185	.05161	.08920	.03414	-.02029	-.01563
	GRADIENT	00000	00000	-.00126	.06480	-.02590	- 00033	-.00069	.00003	00088	- 00169

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	12.00000	9 00000	.27767	-.41254	.13714	.06040	.09191	.03708	.00629	- 00141
1.150	-4.000	12.00000	9 00000	.27973	-.26675	.07993	05877	08912	.03647	.00303	.00211
1.150	-2.000	12 00000	9 00000	28214	- 12943	02714	.05689	08683	.03520	-.00098	.00634
1.150	.000	12 00000	9 00C00	28342	.00457	-.02603	05550	.08483	.03400	-.00778	.00336
1.150	2.000	12.00000	9 00000	26054	.13385	-.07904	05370	.08190	.03474	-.01474	-.00641
	GRADIENT	.00000	.00000	.00019	.06679	-.02650	-.00083	- 00118	- 00032	-.00301	-.00143

RUN NO.   0/ 0   RN/L =   4 22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	12.00000	9 00000	.28544	-.56443	.19792	.06055	.09258	.03707	.01494	-.00197
1.205	-6 000	12.00000	9.00000	.28820	-.40406	.13235	05938	.08896	.03624	.01226	-.00060
1.205	-4 000	12.00000	9.00000	29180	-.25960	07548	.05755	08537	.03518	.00865	.00449
1.205	-2 000	12.00000	9.00000	.29483	-.12290	02328	.05574	.08331	.03374	.00446	.00500
1.205	000	12 00000	9.00C00	29615	.00851	- 02734	.05439	08148	03252	-.00043	-.00277
1.205	2.000	12.00000	9 00000	29318	.13302	- 07669	.05320	.07904	.03309	-.00673	-.01338
1.205	4.000	12.00000	9 00000	.28739	.25917	-.12612	.05177	.07634	.03412	-.01154	-.02441
	GRADIENT	.00000	.00000	-.00052	.06467	-.02516	-.00071	- 00112	-.00014	-.00258	- 00381

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ837)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   12.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   14.000   ELV-RI =   12.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   14.000
SCALE =   .0100

RN/L -   3 98   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12 00000	14.00000	.14952	-.48355	.14020	.04920	09362	.03874	.00405	-.01638
-6.000	12.00000	14 00000	.15185	-.35034	.08921	.04763	.09074	.03817	.00549	-.01491
-4.000	12.00000	14.00000	.15301	-.22690	.04094	.04598	.08833	.03769	.00586	-.01789
-2.000	12.00000	14.00000	15473	-.09777	-.01335	.04518	.08536	.03708	.00558	-.01996
000	12.00000	14 00000	.15465	.03306	- 06858	.04462	.08187	.03700	.00539	-.02276
2.000	12 00000	14 00000	.15086	16363	- 12476	.04419	.07936	.03741	.00561	-.02998
4 000	12 00000	14 00000	.15042	28965	-.16967	.04382	07786	.03646	-.00389	-.04218
GRADIENT	00000	00000	- 00045	.06471	- 02663	-.00027	- 00135	- 00011	-.00389	-.00293

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	19338	-.52505	16304	.05920	10401	.04636	.00859	-.02829
-6.000	12 00000	14 00000	.19623	-.37720	10656	.05651	09957	04633	01082	- 02564
-4.000	12.00000	14 00000	.19837	- 24397	.05844	.05407	09684	.04547	00735	-.02376
-2.000	12 00000	14.00000	.20094	-.11281	.00836	.05244	09491	04460	-.00540	-.02533
.000	12 00000	14.00000	20099	.01898	- 04613	.05159	.09328	.04470	-.02100	-.03019
2.000	12 00000	14 00000	.19873	14796	- 09859	.05158	.09214	.04478	-.03375	-.04228
4 000	12.00000	14 00000	.19505	.28179	-.15166	.05200	.09191	.04553	-.03933	-.05893
GRADIENT	.00000	00000	-.00044	.06561	-.02636	-.00025	- 00063	00001	-.00609	-.00436

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB38)   (18 AUG 76)

REFERENCE DATA

| | | | | | | | PARAMETRIC DATA |

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT
SCALE =   .0100

BETA   =   -4.000   ELV-LI =   12.000
ELV-LO =   14.000   ELV-RI =   12.000
ELV-RO =   14.000

RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	.15476	-.48967	.15089	.04756	.09371	.03698	-.00052	-.01827
-6.000	12.00000	14.00000	.15595	-.35380	.09726	.04620	.09053	.03627	.00048	-.01551
-4.000	12.00000	14.00000	.15666	-.22656	.04573	.04516	.08731	.03560	.00013	-.01855
-2.000	12.00000	14.00000	.15819	-.10014	-.00904	.04478	.08263	.03509	-.00087	-.02141
.000	12.00000	14.00000	.15660	.03095	-.06606	.04433	.07917	.03537	-.00173	-.02407
2.000	12.00000	14.00000	.15246	.16432	-.12606	.04364	.07689	.03571	-.00156	-.03073
4.000	12.00000	14.00000	.15288	.29376	-.17335	.04291	.07547	.03513	-.00762	-.04071
GRADIENT	.00000	.00000	-.00067	.06526	-.02776	-.00028	-.00147	-.00002	-.00081	-.00268

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	.19969	-.52689	.17180	.05712	.10330	.04503	.00779	-.02926
-6.000	12.00000	14.00000	.20283	-.37739	.11362	.05471	.09814	.04465	.00737	-.02762
-4.000	12.00000	14.00000	.20480	-.24527	.06557	.05265	.09524	.04358	.00144	-.02656
-2.000	12.00000	14.00000	.20574	-.11907	.01834	.05095	.09342	.04292	-.00969	-.02719
.000	12.00000	14.00000	.20486	.01394	-.03844	.05011	.09114	.04339	-.02564	-.03094
2.000	12.00000	14.00000	.20088	.14267	-.09193	.05059	.09029	.04370	-.03794	-.03994
4.000	12.00000	14.00000	.19814	.27670	-.14668	.05052	.08976	.04445	-.04500	-.05377
GRADIENT	.00000	.00000	-.00091	.06528	-.02674	-.00023	-.00070	.00013	-.00606	-.00336

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB39)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT	BETA =	.000	ELV-LI =	12.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT	ELV-LO =	14.000	ELV-RI =	12.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT	ELV-RO =	14.000		
SCALE = .0100						

RN/L -   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	15627	-.50273	.16453	.04674	.09359	.03382	-.01139	-.02403
-6.000	12 00000	14 00000	.15750	-.36138	10736	.04611	.08864	.03206	-.01065	-.02001
-4.000	12.00000	14 00000	.16014	-.22804	05038	04592	.08291	.03039	- .01291	-.02119
-2 000	12.00000	14 00000	.16217	-.10652	- 00474	.04603	07707	.03005	- 01661	-.02487
000	12 00000	14.00000	.16160	03157	- 06649	.04502	07469	.03048	- 01755	-.02879
2.000	12 00000	14.00000	15871	16296	-.12685	.04462	07290	.03128	-.01713	-.03360
4 000	12.00000	14 00000	15625	.29098	-.17319	04391	07248	03164	-.01617	- 03942
GRADIENT	.00000	00000	- 00056	06538	- 02846	-.00027	-.00125	00019	-.00035	-.00226

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 000	12 00000	14.00000	20438	- 53372	18324	05414	10242	04241	- 00015	-.03026
-6.000	12.00000	14 00000	20621	- 38701	.12661	05281	09791	.04109	-.00161	-.03028
-4.000	12.00000	14 00000	20740	-.25490	.07740	05229	09378	03978	-.00821	- 03000
-2.000	12.00000	14 00000	20881	-.12749	02779	05246	.09100	03874	-.01946	- 02977
.000	12 00000	14.00000	.20744	00063	- 02575	05286	.08906	03863	-.03237	- 03118
2.000	12 00000	14 00000	.20382	.12765	-.07799	05348	.08786	03897	- 04444	-.03724
4 000	12 00000	14 00000	.19972	.26142	-.13548	.05341	08607	.03952	-.05276	-.04787
GRADIENT	.00000	00000	- 00102	.06439	-.02658	.00016	- 00093	-.00001	-.00570	-.00216

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB40)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT	
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT	
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT	
SCALE	=	.0100				

BETA	=	4.000	ELV-LI = 12.000
ELV-LO	=	14.000	ELV-RI = 12.000
ELV-RO	=	14.000	

RN/L ·   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH   =   .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 000	12 00000	14.00000	.16445	-.49552	.15451	.04773	.09229	.03137	-.01971	-.02450
-6.000	12.00000	14.00000	.16633	- 35800	.10093	04617	.08889	.03039	-.01924	-.02274
-4 000	12.00000	14 00000	.16911	-.23135	04791	.04482	.08488	.02932	-.02037	-.02377
-2.000	12 00000	14.00000	.17118	- 10436	- 00871	.04496	.09003	.02860	-.02136	-.02549
.000	12.00000	14.00000	.17190	.03052	-.06753	.04442	07749	.02798	-.02207	-.02872
2.000	12.00000	14.00000	16995	16159	- 12668	.04379	07487	.02781	-.02381	-.03207
4 000	12.00000	14.00000	.16729	.29255	-.17488	.04331	07421	.02858	-.02387	-.03670
GRADIENT	.00000	.00000	-.00024	.06569	- 02818	-.00021	- 00132	-.00011	-.00047	-.00162

RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5 00

MACH   =   .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14 00000	.21210	- 53159	.17364	.05602	.10069	.03926	-.02716	-.03213
-6.000	12.00000	14 00000	.21537	- 38449	.11679	.05378	.09630	.03829	-.03030	- 03210
-4.000	12.00000	14.00000	21810	- 24999	.06616	05205	.09288	.03677	-.03402	-.03290
-2.000	12.00000	14.00000	.22056	- 11870	.01572	.05077	.09126	.03512	-.03648	-.03600
.000	12 00000	14 00000	22113	.00709	-.03510	.05066	.09044	.03401	-.03480	-.04030
2.000	12.00000	14 00000	21517	.13804	-.09069	05069	.08815	.03456	-.03708	-.04760
4.000	12 00000	14.00000	21045	.27368	-.14749	.05104	.08716	.03623	-.04243	-.05578
GRADIENT	.00000	.00000	-.00103	06520	- 02669	-.00011	-.00073	- 00008	-.00087	-.00287

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB41)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT   BETA   =   6.000 ELV-LI =   12.000
LREF = 1290.3000 INCHES YMRP =   .0000 IN. YT   ELV-LO *   14.000 ELV-RI *   12.000
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT   ELV-RO *   14.000
SCALE =   .0100

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH =   .900
ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	.16737	- 49619	.15067	04905	09320	.02872	-.02132	-.02509
-6 000	12.00000	14.00000	.16911	-.36085	.09874	.04727	08999	.02828	-.02119	-.02349
-4 000	12.00000	14 00000	17140	-.23492	.04770	.04582	.08710	02770	-.02177	-.02440
-2.000	12.00000	14 00000	.17314	-.10847	-.00675	.04565	.08346	.02705	-.02137	-.02528
.000	12.00000	14.00000	.17457	.02728	-.06630	.04518	07990	.02647	-.02273	-.02826
2.000	12.00000	14.00000	.17248	.15975	-.12497	.04475	.07728	.02670	-.02411	-.03131
4.000	12 00000	14 00000	.16833	.28545	-.17073	.04419	.07658	.02744	-.02395	-.03480
GRADIENT	.00000	00000	-.00034	.06545	-.02775	-.00021	-.00136	- 00004	-.00036	-.00134

RN/L = 4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH =   .975
ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	12.00000	14.00000	21540	-.53424	.17012	.05960	.10186	.03520	-.03301	- 03438
-6.000	12 00000	14.00000	.21914	-.38559	.11228	05657	.09746	03473	-.03583	-.03465
-4.000	12.00000	14 00000	.22110	-.24982	.06134	.05412	.09431	03399	-.03753	-.03490
-2 000	12.00000	14 00000	.22220	-.11763	01065	.05261	.09295	.03303	-.03705	-.03801
000	12.00000	14 00000	.22267	01401	-.04339	05143 `	.09171	.03240	-.03334	-.04331
2.000	12 00000	14.00000	.21789	.14065	-.09640	.05114	.08976	03301	-.03357	-.04910
4 000	12 00000	14.00000	.21184	27593	-.15081	.05151	.08877	.03456	-.03675	-.05500
GRADIENT	.00000	00000	-.00114	.06549	-.02657	-.00033	-.00071	.00006	.00025	-.00256

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJ842)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP	= 976.0000 IN. XT	BETA	= -6.000	ELV-LI =	8.000
LREF	= 1290.3000 INCHES	YMRP	= .0000 IN YT	ELV-LO	= 14.000	ELV-RI =	8.000
BREF	= 1290.3000 INCHES	ZMRP	= 400.0000 IN. ZT	ELV-RO	= 14.000		
SCALE	= .0100						

RN/L · 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 000	8.00000	14.00000	.14683	-.49484	.14876	.04979	.09326	.03801	.02131	-.00732
-6 000	8.00000	14.00000	14959	- 36173	.09802	.04814	.09051	.03749	.02237	-.00702
-4.000	8.00000	14 00000	.15098	-.23639	04887	.04642	.08854	.03725	.02293	-.01131
-2.000	8 00000	14.00000	.15309	-.10743	-.00551	.04559	08543	.03676	.02269	-.01449
000	8.00000	14.00000	.15372	.02292	- 05994	.04480	08162	.03680	.02110	-.01779
2 000	8.00000	14 00000	.14969	.15441	- 11654	.04462	.07944	.03727	.01875	-.02492
4.000	8 00000	14 00000	14818	.27728	-.15089	.04454	07799	.03635	.01494	-.03808
GRADIENT	.00000	00000	- 00045	06446	-.02643	- 00024	-.00135	- 00006	-.00100	-.00320

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = 975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 030	8.00000	14 00000	19030	- 53685	17160	.05857	10482	04601	.01386	-.02406
-6.000	8.00000	14.00000	.19320	- 38845	.11470	.05632	10039	.04598	.00975	-.02156
-4.000	8.00000	14.00000	19541	-.25567	.06719	.05434	.09755	04516	.00881	-.02015
-2.000	8.00000	14.00000	.19765	-.12458	.01784	.05292	.09575	.04430	.00891	-.02123
000	8 00000	14.00000	19771	.00555	-.03523	.05204	09398	.04440	00425	-.02293
2 000	8.00000	14.00000	19474	.13191	-.08591	.05211	.09252	.04454	- 00304	-.03251
4 000	8.00000	14.00000	.19046	26478	-.13812	05254	.09231	.04518	-.00770	-.04943
GRADIENT	00000	00000	-.00064	06487	- 02572	-.00022	-.00069	.00001	-.00225	-.00349

     TABULATED SOURCE DATA - IA93.

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB43)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  =  2690.0000 SQ.FT.   XMRP  =   976.0000 IN. XT              BETA    =    -4.000   ELV-LI =   8.000
LREF  =  1290.3000 INCHES   YMRP  =      .0000 IN. YT              ELV-LO  =    14.000   ELV-RI =   8.000
BREF  =  1290.3000 INCHES   ZMRP  =   400.0000 IN. ZT              ELV-RO  =    14.000
SCALE =      .0100
```

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8 000	8 00000	14.00000	.15117	-.50024	.15886	.04817	.09366	03626	.01676	-.00865
-6.000	8.00000	14.00000	.15278	-.36547	.10628	.04690	.09061	.03558	.01799	- 00728
-4.000	8 00000	14.00000	.15383	-.23645	05346	.04590	.08752	.03503	.01824	-.01160
-2.000	8.00000	14.00000	.15626	-.10861	-.00223	.04528	.08232	.03457	.01855	-.01523
000	8 00000	14.00000	.15528	02124	-.05797	.04467	.07902	.03516	01687	-.01887
2.000	8.00000	14 00000	.15089	.15887	- 12017	.04421	.07702	.03573	.01308	-.02522
4 000	8 00000	14.00000	.15064	.28205	- 16414	.04347	.07567	03504	.01150	-.03632
GRADIENT	.00000	.00000	-.00059	.06522	-.02766	-.00030	-.00145	.00006	-.00095	-.00297

RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14.00000	19639	- 53877	.18034	05684	10426	.04466	.01096	-.02503
-6.000	8.00000	14.00C00	.19924	- 38901	.12187	.05469	09919	.04432	.00482	-.02366
-4.000	8.00000	14.00000	.20130	-.25571	.07341	.05292	.09613	.04327	.00287	- 02306
-2.000	8 00000	14 00000	.20235	-.12847	02601	.05148	.09415	04260	.00477	-.02351
.000	8 00000	14 00000	.20106	- 00147	-.02674	.05070	09194	.04312	.00255	-.02470
2.000	8.00000	14.00000	.19664	.12662	-.07978	.05111	.09074	.04343	-.00622	-.03031
4.000	8 00000	14.00000	.19391	.26046	-.13391	.05123	.08975	04402	-.01348	- 04490
GRADIENT	00000	00000	-.00102	.06437	- 02602	-.00019	-.00081	.00012	- 00219	- 00252

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ844)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA = .000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO = 14.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO = 14.000
SCALE = .0100				

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5 00

MACH = 900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14.00000	.15323	-.51113	.17075	04740	.09375	03304	.00124	-.01529
-6.000	8.00000	14.00000	.15389	-.37061	.11397	.04681	.08903	03140	.00414	-.01180
-4.000	8.00000	14.00000	15627	-.23556	05632	.04657	.08304	02979	.00297	-.01400
-2.000	8.00000	14.30000	15929	-.11572	.00188	04651	.07683	.02925	.00083	-.01787
.000	8.00000	14.00000	.15832	02022	-.05800	.04554	.07496	.03016	.00106	-.02310
2.000	8.00000	14.00000	15692	.15389	-.11895	04492	.07249	03094	.00056	-.02888
4.000	8.00000	14 00000	15330	.28140	- 16472	04420	.07227	03159	.00143	-.03475
GRADIENT	.00000	00000	-.00042	06518	-.02815	-.00032	-.00129	.00027	-.00017	-.00263

RN/L = 4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14 00000	.20163	-.54383	.19076	05503	10284	.04193	.00038	-.02711
-6.000	8 00000	14 00000	.20409	- 39763	.13413	.05372	09825	.04070	- 00495	-.02728
-4.000	8.00000	14 00000	.20494	- 26279	.08350	.05315	.09411	.03928	-.00837	-.02699
-2.000	8 00000	14 00000	.20584	- 13613	.03441	.05320	.09141	.03813	-.00863	- 02706
.000	8.00000	14 00000	.20409	-.01464	- 01504	.05361	.08958	.03794	-.00552	-.02809
2.000	8 00000	14 00000	.19949	.11629	- 06838	.05409	.08823	.03856	-.00951	-.03094
4.000	8.00000	14 00000	.19458	24801	-.12400	.05387	.08623	.03955	- 02180	- 03921
GRADIENT	00000	00000	-.00135	06370	-.02589	.00012	-.00095	.00005	-.00139	-.00142

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB45)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	4.000 ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	14.000 ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	14.000	
SCALE = .0100						

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = .900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8 00000	14.00000	.16112	-.50058	15884	.04825	.09188	.03100	-.01231	-.02084
-6.000	8.00000	14.00000	.16326	-.36356	.10550	.04665	.08846	.02999	-.00823	-.01807
-4.000	8.00000	14.00000	.16593	- 23507	05227	.04535	08444	.02899	-.00769	- 01868
-2.000	8 00000	14.00000	.16762	-.11235	-.00203	.04578	.07958	.02854	-.00912	-.02106
.000	8.00000	14.00000	.16898	.01983	- 05997	.04482	.07722	.02791	-.01007	-.02538
2.000	8.00000	14 00000	16746	.15456	-.12038	.04393	.07427	.02788	-.01186	-.02949
4.000	8.00000	14 00000	.16383	.27967	-.16586	.04364	.07418	.02876	-.01170	-.03371
GRADIENT	00000	00000	- 00022	06482	-.02773	- 00026	- u0129	-.00006	-.00054	-.00193

RN/L = 4 09   GRADIENT INTERVAL = -5 00/ 5.00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14 00000	.20728	-.54222	18153	.05622	.10155	.03900	-.01043	-.02712
-6 000	8 00000	14.00000	.21116	- 39489	.12461	05411	.09721	.03781	-.01496	-.02658
-4.000	8 00000	14.00000	21423	- 26047	.07411	05238	09373	.03625	-.01819	- 02540
-2.000	8.00000	14 00000	.21608	-.13145	.02461	.05110	09212	.03478	-.02037	-.02564
.000	8.00000	14.00000	.21731	-.00192	- 02686	05077	.09118	.03391	-.02042	-.02932
2.000	8 00000	14.00000	.21192	12534	- 07990	.05084	.08867	.03456	-.02541	- 03804
4.000	8.00000	14.00000	20617	.25882	-.13559	.05092	08750	.03626	-.03053	-.04813
GRADIENT	.00000	00000	-.00101	.06477	- 02620	-.00016	- 00080	-.00001	-.00149	-.00289

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJ846)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 6.000 ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 14.000 ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 14.000
SCALE = .0100			

RN/L - 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH = 900

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14.00000	.16363	-.50146	.15531	.04958	09302	.02871	-.01604	-.02241
-6.000	8.00000	14.00000	.16592	-.36737	10386	.04786	.08975	.02819	-.01087	-.01968
-4.000	8 00000	14.00000	.16813	-.24118	05326	04640	.08687	.02762	-.01025	-.02033
-2 000	8 00000	14.00000	.17018	- 11624	-.00003	04637	08316	02705	-.01131	-.02196
000	8.00000	14.00000	.17212	01656	-.05869	04558	07975	.02642	-.01274	-.02550
2.000	8.00000	14.00000	.16938	15142	-.11754	.04510	07718	.02689	-.01403	- 02909
4.000	8.00000	14 00000	.16545	.27518	- 16187	.04449	.07667	.02762	-.01348	-.03265
GRADIENT	.00000	00000	-.00031	.06502	- 02739	-.00025	-.00132	-.00001	-.00046	-.00159

RN/L = 4 09   GRADIENT INTERVAL = -5.00/ 5 00

MACH = .975

ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
-8.000	8.00000	14 00000	.21098	-.54372	17800	.05939	10233	.03495	-.01424	-.02862
-6.000	8.00000	14.00000	.21479	- 39564	12036	.05693	09826	.03437	-.02049	-.02781
-4 000	8.00000	14.00000	.21704	- 26170	.07002	.05464	.09523	.03362	-.02430	-.02570
-2.000	8.00000	14 00000	.21810	- 13081	01974	.05294	.09362	.03271	-.02613	-.02603
.000	8.00000	14.00000	.21862	.00186	-.03402	.05168	.09238	.03229	-.02608	-.03185
2.000	8.00000	14 00000	.21427	.12995	- 08689	.05137	.09005	.03307	-.02796	-.04077
4.000	8.00000	14.00000	.20814	.26237	-.13978	.05169	08905	.03459	-.03002	-.04842
GRADIENT	.00000	.00000	-.00108	.06545	- 02631	-.00037	-.00080	.00012	-.00066	-.00301

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB47)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   -6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   4.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   4.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	4 00000	.14105	-.52041	16790	.05027	.09346	03730	.03093	.01121
.900	-6 000	8.00000	4.00000	.14445	-.38173	.11445	.04880	.09027	.03676	.03033	.01370
.900	-4.000	8 00000	4.00000	14652	-.25545	06518	.04720	08802	.03636	.02994	.01513
900	-2 000	8.00000	4 00000	14764	- 13249	01496	.04635	08530	.03589	.02958	.01931
.900	.000	8.00000	4 00000	14676	- 01138	- 03167	.04534	.08157	03585	.03026	.01908
.900	2.000	8.00000	4 00000	.14471	.10228	-.07384	04495	08020	.03591	.03181	01085
.900	4.000	8.00000	4.00000	.14205	.22966	-.12051	.04474	.07847	.03552	.03000	-.00298
	GRADIENT	.00000	00000	-.00059	.06025	-.02301	-.00032	-.00121	-.00008	.00012	-.00223

RUN NO.   0/ 0   RN/L = 4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8 00000	4 00000	18294	-.56538	.19633	.05940	10374	04543	.02059	.02962
.975	-6.000	8 00000	4 00000	.18663	- 41785	.13994	.05721	09968	04544	.01677	.03084
.975	-4.000	8.00000	4.00000	18888	-.28406	09192	.05532	09792	.04464	.01576	03168
.975	-2.000	8.C0000	4 00000	19055	-.15159	04192	05374	.09619	04368	.01680	03005
.975	.000	8.00000	4 00000	.19090	- 02351	-.01002	.05287	.09444	.04370	.01777	.02353
.975	2.000	8.00000	4.00000	.18824	.09903	-.05762	.05332	09344	04398	01886	.01465
.975	4.000	8 00000	4.00000	.18336	22452	- 10318	.05409	.09376	.04469	.02225	.00382
	GRADIENT	.00000	00000	-.00067	.06339	- 02449	-.00014	-.00055	.00002	.00075	-.00356

RUN NO.   0/ 0   RN/L = 4 21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 150	-6 000	8 00000	4 00000	.25671	- 42360	14650	.05576	.09284	04597	.07494	.02352
1.150	-4.000	8.00000	4.00000	.25958	-.27959	.09265	.05521	.09112	04513	.07038	.01109
1 150	-2.000	8.00000	4.00000	.26350	-.14447	.04288	.05439	08947	04403	.06482	-.00165
1.150	.000	8.00000	4.00000	.26418	-.01058	-.01052	.05337	08755	04359	05441	-.01194
1.150	2 000	8 00000	4.00000	.26458	11444	- 05950	.05268	.08557	04301	.04197	-.02160
	GRADIENT	00000	.00000	.00078	.06580	-.02549	-.00043	-.00093	-.00034	-.00478	-.00542

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB47)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-6.000	ELV-LI	=	8.000
ELV-LO	=	4.000	ELV-RI	=	8.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	.26839	-.57672	20701	.05541	.09267	.04513	.07727	.02119
1.205	-6.000	8.00000	4.00000	.27066	-.41484	14075	05475	.09036	.04426	:07131	.00930
1.205	-4.000	8.00000	4.00000	.27381	-.27158	08724	.03431	08807	.04356	.06637	-.00184
1.205	-2.000	8.00000	4.00000	.27711	-.13557	03695	05351	08611	.04286	.06162	-.01099
1.205	.000	8.00000	4.00000	.27865	-.00748	-.01244	05255	08403	04258	.05344	-.02075
1.205	2.000	8.00000	4.00000	.27919	11760	-.05946	05197	.08189	.04210	.04347	-.02997
1.205	4.000	8.00000	4.00000	.27622	.24252	-.10770	.05195	.07947	.04118	.03154	- 03616
	· GRADIENT	.00000	00000	.00034	06407	- 02431	-.00031	-.00107	-.00028	-.00439	-.00438

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB48)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690 0000 SQ.FT.	XMRP	=	976.0000 IN XT
LREF	=	1290.3000 INCHES	YMRP	=	0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	-4.000	ELV-LI	=	8.000
ELV-LO	=	4 000	ELV-RI	=	8.000
ELV-RU	=	4.000			

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	4.00000	.14475	-.52529	.17777	.04886	.09415	.03551	.02969	.00913
.900	-6.000	8.00000	4.00000	.14774	-.38279	.12117	.04764	.09018	03495	.02860	01281
.900	-4.000	8.00000	4.00CJ0	.14978	-.25585	.07031	.04658	.08699	03425	.02762	01471
.900	-2.000	8.00000	4.00000	.15126	-.13574	.01939	.04575	.08237	.03369	.02691	.01888
.900	.000	8.00000	4.00000	.14884	-.01275	-.03025	.04453	.07850	.03399	.02696	.01871
.900	2.000	8.00000	4 00000	14541	10228	-.07457	.04394	.07753	.03417	.03129	.01469
.900	4.000	8.00000	4.00000	.14344	23295	-.12330	.04373	.07656	.03426	.02878	.00022
	GRADIENT	.00000	.00000	-.00093	.06078	-.02406	-.00038	-.00128	.00003	.00034	-.00166

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB48)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976 0000 IN. XT		BETA = -4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO.   0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
975	-8.000	8 00000	4 00000	.18932	-.56704	20456	05769	10363	.04388	.01854	.02939
.975	-6.000	8.00000	4.00000	.19286	-.41800	.14715	.05566	09881	.04355	.01239	.03068
.975	-4.000	8 00000	4.00000	.19491	-.28595	10023	.05403	09685	.04252	.01082	.03191
.975	-2.000	8 00000	4 00000	.19568	-.15928	.05256	05235	09514	.04166	.01297	.03142
.975	.000	8.00000	4 00000	.19387	-.03316	-.00015	05174	09283	.04214	.01552	.02738
.975	2 000	8.00000	4.00000	.18986	09267	-.05074	.05273	.09141	04267	.01522	.01922
.975	4.000	8.00000	4.00000	18614	22243	-.10162	.05279	09099	.04342	.01530	.00808
	GRADIENT	00000	.00000	-.00117	.06344	-.02535	-.00010	-.00077	.00014	.00056	-.00299

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	8.00000	4.00000	.25987	-.42709	.15635	.05465	.09109	04480	.07102	.03042
1.150	-4.000	8.00000	4 00000	.26280	- 28274	.10057	05402	.08899	04391	.06537	.02037
1 150	-2.000	8.00000	4.00000	26510	-.14553	.04785	.05347	08791	.04306	.06091	.00742
1 150	.000	8.00000	4 00000	.26418	-.01265	-.00595	.05248	08666	.04294	.05371	- 00439
1.150	2.000	8.00000	4 00000	26469	11144	-.05533	.05112	.08408	.04244	.04165	-.01567
	GRADIENT	00000	.00000	.00024	.06577	-.02608	-.00048	-.00080	-.00023	-.00392	-.00600

RUN NO.   0/ 0   RN/L = 4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	8 00000	4.00000	27374	-.57633	.21380	.05412	08994	.04396	.07421	.02822
1.205	-6 000	8.00000	4 00000	.27460	-.41477	.14852	.05346	.08804	.04287	.06800	.01782
1 205	-4.000	8.00000	4.00000	27698	-.26869	.09161	05300	.08580	.04224	.06379	.00617
1.205	-2.000	8 00000	4 00000	.28015	-.13434	.03949	.05220	.08388	04161	.06138	-.00331
1 205	000	8.00000	4 00000	.27946	- 00881	-.00916	.05131	08248	.04164	.05499	-.01367
1.205	2.000	8.00000	4 00000	.27961	.11727	-.05703	.05028	.08036	.04124	.04483	-.02435
1.205	4.000	8.00000	4.00000	.27794	.24015	-.10518	.04991	.07800	.04036	.03372	-.03200
	GRADIENT	.00000	.00000	.00007	06346	-.02451	- 00040	-.00096	- 00021	-.00383	-.00487

LARC 8FT TPT 749 (1A93) OTSAT130   (MJJB49)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	= 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = .000	ELV-LI =	8.000
LREF	= 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI =	8.000
BREF	= 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000		
SCALE	= .0100					

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8 00000	4.00000	.14561	-.52975	.18670	.04826	.09372	.03168	.01993	.00353
.900	-6.000	8.00000	4.00000	.14801	-.38860	.12938	.04748	.08877	.03025	.01905	.00900
.900	-4.000	8 00000	4.00000	.15029	-.26146	.07627	.04714	.08337	.02897	.01631	.01422
.900	-2.000	8.00000	4 00000	.15232	-.13888	.02187	.04672	07756	.02875	.01619	.01657
900	.000	8.00000	4.00000	15123	-.01472	-.02895	04526	07530	.02939	.01803	.01975
.900	2.000	8.00000	4.00000	.14769	.10642	- 07995	.04484	.07336	.03012	.02184	.02017
.900	4.000	8 00000	4 00000	.14621	22389	-.11805	.04414	.07323	03062	.02714	.00956
	GRADIENT	00000	00000	-.00064	06080	- 02452	-.00039	-.00122	.00023	.00137	-.00029

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8 00000	4 00000	19324	-.57194	.21427	05509	.10353	.04146	.00774	.02805
.975	-6.000	8 00000	4 00000	19511	-.42338	.15732	05408	.09927	04025	.00226	.02943
.975	-4.000	8 00000	4.00000	.19719	- 29104	10844	.05387	.09515	.03859	-.00160	.03232
.975	-2.000	8 00000	4 00000	19909	-.17025	.06178	.05418	.09237	.03709	-.00143	.03349
.975	.000	8 00000	4 00000	19745	-.04731	.01275	.05465	.09068	.03675	.00134	.03190
.975	2.000	8 00000	4.00000	.19308	08396	-.04095	.05530	.08917	.03742	.00443	.02745
.975	4.000	8.00000	4 00000	.18880	21141	-.09382	.05511	.08723	.03878	.00691	.01766
	GRADIENT	.00000	00000	-.00114	.06295	-.02536	.00018	-.00095	.00003	.00114	-.00177

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6 000	8 00000	4 00000	.25898	- 43691	.17176	.05499	.09150	.04272	.06307	.03266
1.150	-4 000	8.00000	4.00000	.26144	- 28917	11248	.05405	.08926	.04189	.05662	.03542
1.150	-2.000	8 00000	4.00000	26533	-.14908	05478	05324	.08718	.04092	.05276	.02671
1.150	.000	8 00000	4.00000	.26723	- 02413	.00327	.05251	.08475	.03998	.05013	.01195
1.150	2 000	8.00000	4 00000	26597	.10163	-.04593	.05109	.08134	.03976	.04249	-.00185
	GRADIENT	.00000	00000	.00078	.06487	- 02634	- 00048	-.00131	-.00037	-.00225	-.00633

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB49)   ('18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	.000	ELV-LI	=	8.000
ELV-LO	=	4.000	ELV-RI	=	8.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	8.00000	4.00000	.27266	-.57930	.22464	.05422	.09005	.04158	.07000	.03093
1.205	-6 000	8 00000	4.00000	.27495	-.42124	16063	.05319	.08754	.04049	.06435	.02901
1.205	-4.000	8 00000	4.00000	.27785	-.27389	10064	.05249	.08485	.03973	.05912	.02293
1.205	-2 000	8 00000	4.00000	.28149	-.13785	04598	05170	08246	.03880	.05582	01383
1.205	000	8 00000	4 90000	28257	-.01258	-.00328	05098	.08051	.03810	.05410	.00082
1.205	2 000	8.00000	4.00000	.28055	.11080	-.04967	05009	.07795	.03806	04929	- 01046
1.205	4.000	8.00000	4 00000	27836	.23109	-.09586	04887	.07474	.03813	.03891	-.02110
	GRADIENT	.00000	00000	.00000	06293	-.02443	-.00044	- 00124	- 00020	-.00235	-.00562

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB50)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT
LREF	=	1290 3000 INCHES	YMRP	=	.0000 IN. YT
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT
SCALE	=	.0100			

BETA	=	4.000	ELV-LI	=	8.000
ELV-LO	=	4.000	ELV-RI	=	8.000
ELV-RO	=	4.000			

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL =   -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	4.00000	.15420	-.52171	.17517	.04890	.09247	.03042	.00204	-.00347
.900	-6.000	8.00000	4 00000	.15639	-.38645	.12266	.04745	.08920	.02939	00630	.00363
.900	-4 000	8.00000	4 00C00	15918	-.26250	.07342	.04603	08523	02848	.00850	.01202
.900	-2.000	8.00000	4.00000	.15931	-.14171	.02197	.04596	.08119	.02827	.00821	01629
.900	.000	8 00000	4.00000	16042	-.01791	-.02838	.04487	.07818	.02765	00820	01847
.900	2.000	8 00000	4 00000	15891	11271	-.08342	04388	.07549	.02759	.00830	.01774
.900	4.000	8.00000	4.00000	.15613	.22805	-.12104	04366	.07539	.02832	00973	.01163
	GRADIENT	.00000	.00000	-.00032	.06178	- 02472	- 00034	- 00127	-.00005	.00013	.00003

LARC 8FT TPT 749 (IA93) OTSATI30   (MJJB50) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		BETA = 4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT		ELV-LO = 4.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT		ELV-RO = 4.000	
SCALE = .0100				

RUN NO. 0/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	4.00000	.20087	-.57307	.20597	.05601	.10088	.03814	-.00328	.02393
.975	-6.000	8.00000	4.00000	.20436	-.42367	.14865	.05428	.09653	.03718	-.00666	.02454
.975	-4.000	8.00000	4.00000	.20708	-.28846	.09823	.05284	.09337	.03583	-.00816	.02670
.975	-2.000	8.00000	4.00000	.20920	-.16181	.05050	.05153	.09204	.03448	-.00713	.02802
.975	.000	8.00000	4.00000	.21036	-.03660	.00220	.05141	.09156	.03359	-.00290	.02842
.975	2.000	8.00000	4.00000	.20537	.09043	-.05165	.05144	.08874	.03401	-.00218	.02464
.975	4.000	8.00000	4.00000	.19918	.22405	-.10520	.05190	.08776	.03555	-.00321	.01915
	GRADIENT	.00000	.00000	-.00098	.06386	-.02545	-.00010	-.00073	-.00005	.00074	-.00092

RUN NO. 0/ 0 RN/L = 4.21 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	4.00000	.27080	-.43414	.16230	.05685	.09089	.03918	.04790	.02906
1.150	-4.000	8.00000	4.00000	.27269	-.28813	.10326	.05583	.08862	.03810	.04360	.03440
1.150	-2.000	8.00000	4.00000	.27454	-.15314	.04978	.05491	.08674	.03688	.03927	.03735
1.150	.000	8.00000	4.00000	.27586	-.01839	-.00241	.05391	.08476	.03580	.03278	.02916
1.150	2.000	8.00000	4.00000	.27356	.10765	-.05385	.05239	.08205	.03568	.02584	.01529
	GRADIENT	.00000	.00000	.00020	.06610	-.02618	-.00057	-.00108	-.00042	-.00299	-.00328

RUN NO. 0/ 0 RN/L = 4.22 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	.28037	-.58039	.21811	.05716	.09061	.03872	.05847	.02745
1.205	-6.000	8.00000	4.00000	.28206	-.42080	.15316	.05608	.08844	.03778	.05452	.02981
1.205	-4.000	8.00000	4.00000	.28454	-.27665	.09540	.05487	.08598	.03660	.05079	.03380
1.205	-2.000	8.00000	4.00000	.28778	-.14162	.04362	.05372	.08348	.03528	.04725	.03047
1.205	.000	8.00000	4.00000	.28933	-.01320	-.00514	.05258	.08163	.03415	.04232	.01892
1.205	2.000	8.00000	4.00000	.28815	.11058	-.05377	.05117	.07856	.03389	.03564	.00497
1.205	4.000	8.00000	4.00000	.28304	.23481	-.10330	.04992	.07611	.03516	.02851	-.00717
	GRADIENT	.00000	.00000	-.00013	.06376	-.02474	-.00062	-.00123	-.00021	-.00281	-.00537

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB51) (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

```
SREF  = 2690.0000 SQ.FT.   XMRP =  976 0000 IN. XT          BETA   = 6.000   ELV-LI = 8.000
LREF  = 1290 3000 INCHES   YMRP =      0000 IN. YT          ELV-LO = 4.000   ELV-RI = 8.000
BREF  = 1290.3000 INCHES   ZMRP =  400.0000 IN. ZT          ELV-RO = 4.000
SCALE =    .0100
```

RUN NO.   0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	4.00000	.15688	-.52090	.17117	.04972	09356	.02841	-.00212	-.00327
.900	-6.000	8.00000	4.00000	.15979	-.38929	.12120	.04818	09019	.02786	.00319	.00436
.900	-4 000	8.00000	4.00000	.16163	-.26557	.07337	.04682	08750	.02735	.00552	.01217
.900	-2 000	8.00000	4.00000	.16237	-.14339	.02355	.04642	.08428	.02698	00469	.01539
.900	000	8 00000	4 00000	.16347	- 02011	- 02713	04562	.08089	02638	-.00406	-.01740
.900	2.000	8.00000	4 00000	.16165	.10344	-.07769	04512	07838	.02682	.00392	.01679
.900	4.000	8.00000	4 00000	.15751	.22377	-.11785	.04479	.07843	.02760	.00426	.01213
	GRADIENT	.00000	.00000	-.00045	06128	- 02418	-.00027	-.00120	.00002	- 00016	00007

RUN NO   0/ 0   RN/L = 4 09   GRADIENT INTERVAL = -5 00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	4.00000	20410	- 57437	.20223	.05908	.10194	.03438	-.00619	.02363
.975	-6.000	8.00000	4 00000	20796	- 42665	14502	.05706	.09774	.03393	-.01119	.02346
.975	-4.000	8.00000	4.00000	21038	- 29142	.09496	.05507	.09462	.03322	-.01337	.02470
.975	-2.000	8.00000	4.00000	.21164	- 15966	.04491	.05335	.09348	.03239	-.01171	.02527
.975	000	8.00000	4 00000	.21285	-.02819	-.00762	.05210	.09278	03193	-.00699	.02542
.975	2 000	8.00000	4 00000	.20887	.09428	-.05753	.05162	.09052	.03248	-.00462	.02282
.975	4 000	8 00000	4.00000	.20170	.22571	-.10756	.05238	.08968	.03395	-.00376	.01925
	GRADIENT	.00000	.00000	- 00101	.06441	- 02537	-.00036	-.00064	00008	.00132	-.00067

RUN NO   0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	4.00000	.27336	-.43553	15682	.05957	.09276	03636	.04340	.02834
1.150	-4.000	8.00000	4.00000	.27533	-.29062	.09988	.05808	.09020	03578	.03939	.03209
1.150	-2.000	8 00000	4.00000	.27681	- 15443	.04797	05637	.08820	03482	.03477	.03684
1.150	000	8 00000	4.00000	.27752	- 01955	-.00546	05500	08632	.03381	.02784	.03434
1.150	2.000	8 00000	4.00000	.27453	11071	- 05957	.05335	.08349	.03466	.02048	.02307
	GRADIENT	.00000	.00000	-.00008	.06694	-.02659	- 00078	-.00110	-.00022	-.00318	-.00148

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB51)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		BETA =	6.000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		ELV-LO =	4 000	ELV-RI =	8.000
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		ELV-RO =	4.000		
SCALE =	0100							

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	4.00000	.28146	- 58605	.21598	.05955	.09271	.03632	.05361	.02682
1.205	-6.000	8.00000	4.00000	28395	-.42418	.14958	.05844	.08943	.03547	.05022	.02819
1.205	-4.000	8.00000	4.00000	28658	-.28192	.09436	.05675	08644	.03458	.04596	.03375
1 205	-2.000	8 00000	4 00000	.28964	-.14734	.04349	.05488	08429	.03328	.04105	03443
1.205	.000	8.00000	4.00000	.29093	-.01458	-.00838	.05360	.09270	.03224	.03531	.02584
1.205	2.000	8.00000	4.00000	.28841	.11157	-.05865	.05237	.08016	.03295	.02858	.01307
1.205	4.000	8 00000	4.00000	.29238	.23797	-.10847	.05116	.07766	.03408	.02320	.00004
	GRADIENT	.00000	00000	-.00048	.06493	- 02539	-.00068	-.00108	-.00007	-.00290	-.00444

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB52)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF =	2690.0000 SQ.FT	XMRP =	976.0000 IN XT		BETA =	-6 000	ELV-LI =	8.000
LREF =	1290.3000 INCHES	YMRP =	.0000 IN YT		ELV-LO =	-5.000	ELV-RI =	8.000
BREF =	1290 3000 INCHES	ZMRP =	400.0000 IN ZT		ELV-RO =	-5.000		
SCALE =	.0100							

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8 00000	-5.00000	.25622	- 44142	16336	.05683	.09257	.04521	.08640	.06634
1.150	-4.000	8 00000	-5.00000	.25909	- 29359	10737	.05559	.09122	.04436	.07935	.05055
1.150	-2.000	8.00000	-5.00000	.26235	- 15902	05786	.05482	.09003	.04336	.07113	.03485
1 150	.000	8.00000	-5.00000	.26403	-.03248	00758	05375	.08786	.04294	.06082	.02221
1.150	2.000	8.00000	-5.00000	.26439	.10030	-.04550	.05306	08563	.04235	.04881	.00949
	GRADIENT	.00000	.00000	.00088	06541	-.02544	-.00043	-.00095	-.00032	-.00510	-.00679

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5 00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	-5.00000	.26674	-.59817	22538	.05692	.09259	.04462	.08555	.06572
1.205	-6.000	8.00000	-5.00000	.27013	-.43401	.15768	.05537	09008	.04361	.07762	04996
1.205	-4.000	8.00000	-5.00000	.27359	- 28758	.10212	.05436	08804	04283	.07088	.03528
1.205	-2 000	8 00000	-5 00000	27614	-.15151	05145	.05373	.08630	04225	.06546	.02428
1.205	000	8 00000	-5 00000	27726	- 02393	00227	.05280	08424	.04201	05801	.01385
1.205	2.000	8 00000	-5 00000	.27808	.10223	-.04554	.05227	.08215	.04148	.04840	.00424
1.205	4.000	8.00000	-5 00000	27551	22874	-.09514	05235	.07971	.04068	03474	- 00437
	GRADIENT	.00000	00000	00029	06432	-.02458	-.00027	-.00104	-.00025	-.00447	-.00497

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB53)   (18 AUG 76)

REFERENCE DATA

				PARAMETRIC DATA		
SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = -4.000	ELV-LI = 8.000	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = -5.000	ELV-RI = 8.000	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT			ELV-RO = -5.000		
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	.25978	-.44511	.17325	.05638	.09014	.04396	.08255	.07531
1.150	-4.000	8.00000	-5.00000	.26229	-.29758	.11584	.05528	.08892	.04307	.07600	.06284
1.150	-2.000	8.00000	-5.00000	.26436	-.16192	.06363	.05405	.08879	.04233	.06727	.04628
1.150	.000	8.00000	-5.00000	.26428	-.03481	.01242	.05287	.08693	.04228	.05911	.03222
1.150	2.000	8.00000	-5.00000	.26471	.09685	-.04102	.05155	.08400	.04165	.04783	.01762
	GRADIENT	.00000	.00000	.00036	.06552	-.02609	-.00062	-.00083	-.00022	-.00463	-.00749

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	-5.00000	.26964	-.59595	.23102	.05475	.09121	.04417	.08085	.07347
1.205	-6.000	8.00000	-5.00000	.27299	-.43476	.16514	.05391	.08808	.04246	.07418	.06021
1.205	-4.000	8.00000	-5.00000	.27670	-.28878	.10782	.05316	.08530	.04154	.06859	.04551
1.205	-2.000	8.00000	-5.00000	.27852	-.15208	.05476	.05229	.08416	.04111	.06422	.03315
1.205	.000	8.00000	-5.00000	.27796	-.02247	.00368	.05153	.08285	.04114	.05760	.02064
1.205	2.000	8.00000	-5.00000	.27791	.10256	-.04436	.05052	.08078	.04071	.04950	-.00960
1.205	4.000	8.00000	-5.00000	.27695	.22747	-.09334	.05010	.07821	.03984	.03910	-.00049
	GRADIENT	.00000	.00000	-.00000	.06436	-.02507	-.00039	-.00088	-.00019	-.00369	-.00578

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB54)   (18 AUG 76)

REFERENCE DATA

				PARAMETRIC DATA		
SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT			BETA = .000	ELV-LI = 8.000	
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT			ELV-LO = -5.000	ELV-RI = 8.000	
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN ZT			ELV-RO = -5.000		
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	.25803	-.45299	.18805	.05541	.09101	.04173	.06847	.07900
1.150	-4.000	8.00000	-5.00000	.26127	-.30550	.12874	.05442	.08864	.04081	.06300	.07959
1.150	-2.000	8.00000	-5.00000	.26561	-.16663	.07051	.05334	.08639	.03976	.05894	.06951
1.150	.000	8.00000	-5.00000	.26674	-.03660	.01630	.05234	.08432	.03903	.05432	.05311
1.150	2.000	8.00000	-5.00000	.26448	.08852	-.03392	.05099	.08181	.03918	.04630	.03701
	GRADIENT	.00000	.00000	.00054	.06560	-.02711	-.00056	-.00113	-.00028	-.00274	-.00721

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB54)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT				BETA =	.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN. YT				ELV-LO =	-5.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT				ELV-RO =	-5.000
SCALE = .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8 000	8.00000	-5.00000	27173	- 59676	.24107	.05442	.09021	.04111	.07459	.07768
1 205	-6 000	8 00000	-5.00000	27417	- 44209	.17792	.05325	.08753	.03984	.06908	.07564
1.205	-4.000	8.00000	-5.00000	.27669	- 29528	11801	.05242	08486	03906	.06393	.06773
1.205	-2.000	8.00000	-5 00000	.28019	- 15204	05983	.05175	.08243	03817	.06051	.05483
1.205	.000	8.00000	-5.00000	28225	- 02712	.00916	.05119	.08033	.03727	.05836	.03986
1.205	2.000	8 00000	-5.00000	27916	.09453	-.03730	.05009	.07827	.03759	.05254	.02583
1.205	4.000	8 00000	-5.00000	27614	.21677	- 08408	.04909	.07559	.03790	.04331	.01285
	GRADIENT	00000	.00000	- 00011	.06353	-.02507	-.00042	- 00113	-.00015	-.00246	-.00694

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB55)   (!8 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP =	976.0000 IN XT				BETA =	4.000	ELV-LI =	8.000
LREF = 1290.3000 INCHES	YMRP =	.0000 IN YT				ELV-LO =	-5.000	ELV-RI =	8.000
BREF = 1290.3000 INCHES	ZMRP =	400.0000 IN. ZT				ELV-RO =	-5.000
SCALE = .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	26685	-.45143	17929	.05681	.09247	.03899	.04981	.07640
1.150	-4.000	8.00000	-5.00000	.26944	-.30408	.11940	.05580	08975	03785	.04588	.07987
1.150	-2.000	8.00000	-5.00000	.27382	-.16624	.06429	.05468	08702	03630	.04220	.08181
1.150	.000	8.00000	-5.00000	.27594	-.03664	.01386	.05352	08509	.03515	.03720	07407
1.150	2 000	8.00000	-5.00000	.27228	.09294	-.04003	.05199	08269	.03536	.03014	.05716
	GRADIENT	.00000	.00000	.00053	06603	-.02644	-.00063	- 00116	- 00043	-.00261	-.00379

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	-5 00000	.27778	-.60086	23580	.05599	.09146	.03857	.06057	.07401
1.205	-6.000	8 00000	-5 00000	.28003	-.44026	.17049	.05563	.08899	.03744	.05683	.07556
1.205	-4.000	8 00000	-5 00000	.28333	-.29282	11101	.05430	08636	.03618	.05339	.07833
1.205	-2 000	8.00000	-5.00000	.28677	-.15572	05711	.05327	08402	.03487	.04974	.07393
1.205	.000	8.00000	-5.00000	.28849	- 02724	.00764	.05217	08206	.03358	.04433	.06129
1.205	2 000	8.00000	-5.00000	.28582	09634	-.04169	05105	.07956	.03356	03773	04470
1.205	4.000	8.00000	-5.00000	28096	.22184	-.09200	.05001	.07725	.03486	.03070	.02842
	GRADIENT	.00000	00000	-.00028	.06407	- 02524	-.00054	-.00113	-.00020	- 00287	- 00645

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB56)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6 000   ELV-LI =   8.000
LREF * 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   -5.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   -5.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	-5.00000	27083	-.45396	17430	.05863	.09349	.03617	.04405	.07594
1.150	-4.000	8.00000	-5.00000	.27324	-.30692	.11600	05736	09094	.03564	.04009	.07801
1.150	-2 000	8.00000	-5.00000	.27548	- 16809	06226	.05601	08890	.03460	.03704	.08169
1.150	000	8.00000	-5 00000	.27657	-.03604	.00973	.05478	08685	.03354	.03094	.07972
1.150	2.000	8.00000	-5 00000	.27332	.09617	- 04605	05336	.08388	.03455	.02392	06676
	GRADIENT	.00000	00000	.00007	.06707	-.02693	-.00066	- 00116	-.00022	-.00273	-.00179

RUN NO   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8 00000	-5 00000	.27883	-.60539	23358	.05891	.09326	.03623	.05729	.07305
1.205	-6.000	8.00000	-5 00000	.28160	-.44286	.16606	.05762	.09017	.03531	.05238	.07353
1.205	-4 000	8.00000	-5.00000	28500	-.29698	.10864	.05613	.08714	.03442	.04748	.07761
1.205	-2 000	8.00000	-5 00000	.28790	-.16097	05700	.05470	08510	03318	.04310	.07817
1.205	000	8.00000	-5.00000	.28915	- 03042	00595	.05342	08330	03206	.03741	.07006
1.205	2 000	8 00000	-5.00000	.28600	09792	-.04592	.05243	08091	03291	.03087	.05465
1.205	4 000	8.00000	-5.00000	.28062	22474	- 09633	.05136	.07847	03400	.02512	.03780
	GRADIENT	.00000	.00000	-.00053	.06512	-.02564	-.00059	-.00108	- 00006	-.00285	-.00516

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB57)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT			BETA	=	-6.000	ELV-LI	=	8.000
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT			ELV-LO	=	9.000	ELV-RI	=	8.000
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ZT			ELV-RO	=	9.000			
SCALE	=	.0100											

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8 00000	9.00000	.14409	-.50517	.15762	.04990	.09325	.03751	.02837	.00925
900	-6.000	8.00000	9.00000	.14703	-.37278	.10759	.04828	09033	.03694	.02872	.01298
.900	-4.000	8 00000	9.00000	.14790	-.24843	05899	.04669	.08835	.03668	.02826	.01124
.900	-2 000	8.00000	9 00000	.14950	- 11993	.00529	.04586	.08541	.03628	.02740	.00867
.900	000	8.00000	9.90000	.14988	00455	-.04516	.04514	.08169	.03632	.02782	.00531
.900	2.000	8.00000	9.00000	.14619	.13047	-.09670	.04494	.07958	.03667	02537	-.00349
.900	4.000	8.00000	9 00000	14452	25333	- 14017	.04488	07833	.03602	.01902	-.02004
	GRADIENT	.00000	.00000	- 00050	06270	- 02502	-.00023	- 00129	-.00005	-.00103	-.00374

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5 00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	9.00000	.18549	-.54804	.18084	.05794	.10540	.04556	.01359	.00396
.975	-6.000	8.00000	9.00000	.18904	-.39936	12406	.05595	.10055	04552	.00933	.00567
.975	-4.000	8.00000	9.00000	.19163	- 26730	.07753	.05435	.09769	.04470	.00795	.00692
.975	-2.000	8 00000	9.00000	.19355	-.13706	.02880	05304	.09602	.04379	.00797	.00655
.975	.000	8.00000	9.00000	.19387	- 00798	-.02334	.05228	.09447	.04381	.01061	.00432
.975	2.000	8 00000	9 00000	.19093	.11600	-.07186	.05254	.09274	.04387	.01314	-.00198
.975	4.000	8.00000	9 00000	18624	24422	- 12040	.05293	.09272	.04437	.01450	-.01739
	GRADIENT	00000	00000	- 00067	.05380	- 02483	-.00017	- 00066	-.00003	.00091	-.00286

RUN NO.   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	.25934	-.41176	13659	.05679	.09256	.04625	.07150	.00052
1.150	-4.000	8.00000	9.00000	.26185	-.26737	.08261	.05584	.09109	.04543	.06535	-.01008
1.150	-2.000	8 00000	9.00000	.26571	- 13276	.03317	.05491	.08928	.04434	.05811	-.02140
1.150	.000	8.00000	9 00000	.26688	- 00153	- 01945	.05378	.08707	.04390	.04744	-.03050
1.150	2.000	8.00000	9 00000	.26750	12587	- 06933	.05299	.08487	.04319	.03602	-.03825
	GRADIENT	00000	.00000	.00091	.06555	- 02542	- 00048	- 00104	- 00036	-.00493	-.00468

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB57)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT				BETA = -6.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 9.000	
SCALE = .0100						

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	9.00000	.26786	-.56820	.19862	.05798	.09282	.04582	.07593	.00021
1.205	-6.000	8.00000	9.00000	.27076	-.40564	.13221	.05654	.09054	.04484	.06925	-.00977
1.205	-4.000	8.00000	9.00000	.27477	-.26196	.07882	.05530	.08836	.04400	.06315	-.02089
1.205	-2.000	8.00000	9.00000	.27804	-.12712	.02923	.05434	.08664	.04344	.05781	-.02995
1.205	.000	8.00000	9.00000	.27960	.00269	-.02114	.05326	.08435	.04316	.05014	-.03834
1.205	2.000	8.00000	9.00000	.28044	.12828	-.06854	.05269	.08187	.04255	.04034	-.04620
1.205	4.000	8.00000	9.00000	.27783	.25124	-.11577	.05256	.07931	.04145	.02812	-.05159
	GRADIENT	.00000	.00000	.00043	.06409	-.02435	-.00036	-.00114	-.00030	-.00438	-.00388

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB58)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT				BETA = -4.000	ELV-LI = 8.000
LREF = 1290.3000 INCHES	YMRP = .0000 IN. YT				ELV-LO = 9.000	ELV-RI = 8.000
BREF = 1290.3000 INCHES	ZMRP = 400.0000 IN. ZT				ELV-RO = 9.000	
SCALE = .0100						

RUN NO   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	9.00000	.14776	-.51076	.16794	.04843	.09390	.03577	.02656	.00824
.900	-6.000	8.00000	9.00000	.14936	-.37578	.11563	.04722	.09074	.03512	.02681	.01324
.900	-4.000	8.00000	9.00000	.15052	-.24872	.06394	.04623	.08745	.03445	.02603	.01230
.900	-2.000	8.00000	9.00000	.15314	-.12220	.00938	.04553	.08224	.03398	.02507	.00981
.900	.000	8.00000	9.00000	.15197	.00537	-.04438	.04478	.07881	.03454	.02425	.00619
.900	2.000	8.00000	9.00000	.14703	.13497	-.10087	.04425	.07695	.03503	.02267	-.00173
.900	4.000	8.00000	9.00000	.14732	.25875	-.14441	.04360	.07591	.03452	.01642	-.01792
	GRADIENT	.00000	.00000	-.00063	.06361	-.02635	-.00033	-.00142	.00006	-.00108	-.00360

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB58)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT.	XMRP	=	976.0000 IN. XT		
LREF	=	1290.3000 INCHES	YMRP	=	.0000 IN. YT		
BREF	=	1290.3000 INCHES	ZMRP	=	400.0000 IN. ?T		
SCALE	=	.0100					

BETA =	-4.000	ELV-LI = 8.000
ELV-LO =	9.000	ELV-RI = 8.000
ELV-RO =	9.000	

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	9.00000	.19168	-.54901	.18906	.05634	.10460	.04418	.01075	.00352
.975	-6.000	8.00000	9.00000	.19486	-.40010	.13123	.05441	.09940	.04390	.00500	.00491
.975	-4.000	8.00000	9.00000	.19718	-.26838	08413	.05294	.09634	.04286	.00268	.00575
.975	-2.000	8.00000	9.00000	.19784	-.14316	03800	.05177	.09445	.04212	.00330	.00541
.975	.000	8 00000	9.00000	19689	- 01709	- 01388	.05110	.09245	.04254	.00758	.00456
975	2.000	8 00000	9.00000	.19223	.10965	-.06551	.05154	.09090	04276	.00868	.00080
.975	4.000	8 00000	9.00000	.18973	.24086	-.11728	05163	.08979	.04308	.00889	- 01254
	GRADIENT	00000	.00000	-.00103	06356	-.02532	-.00014	-.00083	.00005	.00089	- 00206

RUN NO   0/ 0   RN/L =   4 21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	.26295	-.41447	.14562	.05613	09037	.04508	.06903	.00555
1.150	-4.000	8.00000	9 00000	.26548	-.26896	.08954	.05492	.08880	.04428	.06173	-.00249
1.150	-2.000	8.00000	9.00000	.26817	-.13415	.03809	.05398	.08745	.04340	.05538	-.01378
1.150	.000	8.00000	9 00000	.26743	-.00458	-.01451	.05276	.08589	.04334	.04646	-.02430
1.150	2.000	8.00000	9.00000	26783	.12234	-.06498	.05135	.08340	.04272	.03563	-.03351
	GRADIENT	.00000	00000	00031	.06517	- 02581	-.00060	-.00089	- 00024	-.00436	-.00518

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	9.00000	.27201	-.56679	.20427	.05719	.09046	.04501	.07481	.00488
1.205	-6.000	8.00000	9.00000	.27441	-.40639	.13943	.05627	.08785	.04359	.06804	-.00345
1.205	-4.000	8.00000	9 00030	27834	-.26068	.08327	.05460	.08557	.04266	.06135	-.01399
1.205	-2.000	8.00000	9 00000	28105	-.12568	.03146	05320	.08436	.04224	.05738	-.02318
1.205	.000	8.00000	9.00000	.28064	00187	-.01830	.05210	.08282	.04227	.05127	-.03234
1.205	2.000	8 00000	9.00000	.28110	.12762	-.06644	.05097	08037	.04179	.04127	-.04127
1.205	4.000	8 00000	9.00000	.27943	.25011	-.11353	.05047	.07786	.04068	.03017	-.04767
	GRADIENT	00000	.00000	.00011	.06374	- 02457	-.00052	-.00097	-.00022	-.00392	-.00427

REFERENCE DATA

SREF = 2690.0000 SQ.FT.   XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT
BREF = 1290.3000 INCHES   ZMRP = 400.0000 IN. ZT
SCALE = .0100

PARAMETRIC DATA

BETA   = .000   ELV-LI = 8.000
ELV-LO = 9.000   ELV-RI = 8.000
ELV-RO = 9.000

RUN NO. 0/ 0   RN/L = 3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	9.00000	.14927	-.51872	.17818	.04779	.09385	.03222	.01367	.00326
.900	-6.000	8.00000	9.00000	.14979	-.37938	.12275	04726	.08950	.03073	.01637	.01041
.900	-4.000	8.00000	9.00000	.15195	-.24762	06742	04697	.08350	.02924	.01409	.01223
900	-2 000	8 00000	9.00000	15483	-.13142	01521	.04679	.07703	.02864	.01243	.01023
.900	000	8 00000	9.00000	15383	.00235	- 04274	.04565	.07517	02962	.01281	.00557
.900	2.000	8 00000	9.00000	15240	13399	- 10195	04498	.07264	03040	.01325	-.00098
.900	4.000	8 00000	9 00000	14977	.25740	-.14437	04417	.07248	.03093	.01192	-.01171
	GRADIENT	.00000	00000	- 00034	06377	- 02704	- 00037	- 00132	.00026	-.00018	-.00295

RUN NO. 0/ 0   RN/L = 4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	9 00000	19670	-.55597	.20088	.05543	10298	.04147	.00214	.00245
975	-6.000	8.00000	9 00000	.19889	-.40964	.14436	.05419	.09857	.04029	-.00337	.00308
.975	-4.000	8 C0000	9 00000	.20029	-.27583	.09485	.05356	09445	.03868	-.00660	.00473
.975	-2.000	8.0J000	9 00000	.20104	-.14979	.04625	.05360	09194	.03738	-.00652	.00516
.975	.000	8.C0000	9 00000	.19981	-.02906	-.00292	.05400	.09003	.03717	-.00193	.00358
.975	2.000	8.00000	9 00000	.19497	.09916	-.05461	.05455	.08874	.03778	.00437	.00151
.975	4.000	8.C0000	9.00000	19005	.22912	-.10844	.05459	08676	.03895	.00142	-.00507
	GRADIENT	.00000	00000	-.00133	.06294	-.02537	.00015	-.00093	.00005	00135	-.00116

RUN NO 0/ 0   RN/L = 4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8 00000	9.00000	.26212	- 42593	16189	.05541	.09124	.04309	.06083	.00621
1.150	-4.000	8.00000	9.00000	.26517	-.27750	.10216	.05440	.08860	.04210	.05387	.00822
1.150	-2.000	8.00000	9.00000	.26968	-.13886	04501	.05325	.08622	.04110	.04928	.00120
1.150	.000	8.00000	9.00000	.27147	-.01361	-.00665	.05201	.08368	.04033	.04479	-.01080
1.150	2.000	8.00000	9.00000	.26912	.11283	05622	.05068	.08084	04019	.03588	-.02295
	GRADIENT	.00000	.00000	.00068	06481	-.02634	-.00062	-.00129	-.00033	-.00292	-.00528

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB59)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   .000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	9 00000	.27320	-.56913	.21522	.05533	.09075	.04219	.06912	.00627
1.205	-6.000	8 00000	9.00000	.27574	-.41166	15148	.05418	.08819	.04113	.06312	.00483
1.205	-4.000	8 00000	9 00000	27956	-.26358	.09131	.05321	.08506	.04023	.05743	-.00079
1.205	-2.000	8.00000	9 00000	28322	-.12673	.03659	.05231	.08254	.03934	.05392	-.00841
1.205	.000	8.00000	9.00000	28486	- 00309	- 01194	.05134	.08048	.03872	.05138	- 01993
1.205	2.000	8.00000	9.00000	.28230	.11786	-.05774	.05006	07805	.03870	.04474	-.03023
1.205	4.000	8 00000	9.00000	.27976	24118	-.10447	.04891	.07483	.03859	.03419	-.03847
	GRADIENT	00000	.00000	-.00003	.06271	-.02429	-.00054	-.00125	-.00020	-.00278	-.00486

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB61)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   4.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400 0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8 00000	9.00000	.15761	-.51075	16653	.04861	.09171	.03061	-.00428	-.00429
.900	-6.000	8.00000	9.00000	.15984	- 37557	.11471	.04715	.08845	.02959	.00051	.00272
.900	-4.000	8.00000	9.00C00	.16202	-.24474	.06198	.04565	.08439	.02850	.00203	.00616
.900	-2.000	8.00000	9.00000	16268	-.12351	.00883	.04590	.07964	.02823	.00088	.00560
.900	.000	8.00000	9.00000	.16418	.00193	-.04512	.04489	.07736	.02765	-.00035	.00318
.900	2.000	8.00000	9.00000	.16272	.13596	-.10396	.04380	.07445	.02757	-.00161	-.00053
.900	4.000	8.00000	9.00000	.15980	.25843	-.14675	.04357	.07443	.02841	-.00180	-.00721
	GRADIENT	.00000	.00000	-.00022	.06329	-.02651	-.00031	- 00126	-.00004	-.00051	-.00164

LARC 8FT TPT 749 (IA93) OTSAT130   (HJJB61)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   = 4.000   ELV-LI = 8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO = 9.000   ELV-RI = 8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO = 9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   4.09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8.00000	9.00000	.20278	-.55361	.19130	.05612	.10174	.03853	-.00639	.00106
.975	-6.000	8.00000	9.00000	.20716	-.40722	.13498	.05409	.09740	.03730	-.00996	.00105
.975	-4.000	8.00000	9.00000	.21025	-.27281	.08486	.05247	.09409	.03575	-.01155	.00226
.975	-2.000	8.00000	9.00000	.21142	-.14235	.03516	.05130	.09275	.03442	-.01175	.00326
.975	.000	8.00000	9.00000	.21257	-.01650	-.01409	.05098	.09175	.03353	-.00878	.00215
.975	2.000	8.00000	9.00000	.20830	.10823	-.06558	.05111	.08895	.03394	-.00908	-.00119
.975	4.000	8.00000	9.00000	.20219	.23894	-.11858	.05116	.08802	.03555	-.01201	-.00811
GRADIENT		.00000	.00000	-.00096	.06370	-.02538	-.00014	-.00080	-.00004	.00009	-.00126

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	.27135	-.42066	.15147	.05712	.09175	.03973	.04495	.00329
1.150	-4.000	8.00000	9.00000	.27417	-.27342	.09194	.05592	.08900	.03852	.04047	.00761
1.150	-2.000	8.00000	9.00000	.27774	-.13682	.03777	.05477	.08648	.03701	.03571	.01028
1.150	.000	8.00000	9.00000	.27894	-.00611	-.01331	.05366	.08446	.03597	.02912	.00345
1.150	2.000	8.00000	9.00000	.27599	.12168	-.06513	.05201	.08176	.03603	.02157	-.00845
GRADIENT		.00000	.00000	.00033	.06580	-.02611	-.00064	-.00119	-.00043	-.00316	-.00275

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.205	-8.000	8.00000	9.00000	.27962	-.57143	.20944	.05789	.09193	.03956	.05623	.00270
1.205	-6.000	8.00000	9.00000	.28154	-.41275	.14525	.05660	.08962	.03859	.05217	.00479
1.205	-4.000	8.00000	9.00000	.28519	-.26716	.08682	.05509	.08669	.03725	.04811	.00799
1.205	-2.000	8.00000	9.00000	.28921	-.13072	.03393	.05385	.08412	.03576	.04427	.00491
1.205	.000	8.00000	9.00000	.29181	-.00281	-.01456	.05255	.08171	.03438	.03927	-.00509
1.205	2.000	8.00000	9.00000	.28957	.12177	-.06329	.05126	.07873	.03443	.03213	-.01707
1.205	4.000	8.00000	9.00000	.28419	.24618	-.11265	.05003	.07633	.03565	.02379	-.02758
GRADIENT		.00000	.00000	-.00008	.06396	-.02480	-.00064	-.00131	-.00023	-.00304	-.00466

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB62)   (18 AUG 76)

REFERENCE DATA   PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   .0100

RUN NO.   0/ 0   RN/L =   3.98   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.900	-8.000	8.00000	9.00000	.15946	-.50890	.16203	.04973	.09306	.02847	-.00882	-.00583
.900	-6.000	8.00000	9.00000	.16206	-.37650	.11192	.04810	.08975	.02792	-.00330	.00049
900	-4.000	8.00000	9.00000	.16452	-.25306	.06382	.04662	.08680	.02736	- 00197	.00324
.900	-2.000	8.00000	9.00000	.16547	-.12928	.01193	.04653	.08323	.02692	-.00314	.00335
.900	.000	8.00000	9 00000	.16687	.00031	- 04422	.04575	.08001	.02637	-.00453	.00199
.900	2.000	8 00000	9 00000	16500	.13000	-.09972	.04511	.07735	.02679	-.00548	-.00123
.900	4.000	8.00000	9.00000	.16144	.25201	- 14234	.04454	.07706	.02743	-.00508	-.00574
	GRADIENT	00000	00000	-.00033	.06347	- 02620	-.00028	-.00127	.00000	-.00043	-.00113

RUN NO.   0/ 0   RN/L =   4 09   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
.975	-8.000	8 00000	9.00000	.20641	- 55669	18845	.05917	.10249	.03456	- 00991	.00064
.975	-6.000	8 00000	9.00000	.21056	-.40883	.13108	.05682	.09837	.03405	-.01513	.00033
975	-4.000	8.00000	9.00000	.21296	-.27347	.08052	05471	.09538	.03331	-.01721	.00118
.975	-2.000	8.00000	9.00000	.21364	-.14255	.03071	.05314	.09401	.03245	-.01658	.00214
.975	.000	8.00000	9.00000	.21428	-.01318	-.02102	.05187	.09280	.03198	-.01345	.00091
.975	2.000	8.00000	9 00000	.20994	11197	- 07200	.05167	.09044	.03267	-.01312	-.00341
.975	4 000	8.00000	9.00000	.20354	.24335	-.12325	05204	08950	.03412	-.01412	-.00905
	GRADIENT	.00000	.00000	- 00113	.05441	-.02551	-.00034	-.00077	.00009	.00048	-.00130

RUN NO.   0/ 0   RN/L =   4.21   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1.150	-6.000	8.00000	9.00000	27480	-.42207	.14596	.05935	09325	.03662	.03999	.00261
1.150	-4.000	8 00000	9.00000	27691	-.27632	.08869	.05795	09060	.03602	.03567	00585
1.150	-2 000	8.00000	9.00000	27908	-.13970	03634	.05637	.08830	.03492	.03127	.00992
1.150	.000	8.00000	9.00000	.27978	-.00563	- 01696	.05504	.08625	.03393	.02426	.00708
1.150	2.000	8.00000	9.00000	.27636	.12442	- 07083	.05332	.08321	.03490	.01673	-.00263
	GRADIENT	.00000	.00000	-.00005	.06681	-.02659	-.00076	-.00121	-.00022	-.00319	-.00141

LARC 8FT TPT 749 (IA93) OTSAT130   (MJJB62)   (18 AUG 76)

REFERENCE DATA	PARAMETRIC DATA

SREF = 2690.0000 SQ FT.   XMRP =   976.0000 IN. XT   BETA   =   6.000   ELV-LI =   8.000
LREF = 1290.3000 INCHES   YMRP =   .0000 IN. YT   ELV-LO =   9.000   ELV-RI =   8.000
BREF = 1290.3000 INCHES   ZMRP =   400.0000 IN. ZT   ELV-RO =   9.000
SCALE =   0100

RUN NO.   0/ 0   RN/L =   4.22   GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	ELV-LI	ELV-LO	CAF	CNF	CLMF	CABO	CABT	CABS	CHEI	CHEO
1 205	-8.000	8.00000	9 00000	.28126	- 57549	.20716	.05995	09372	.03696	.05249	.00232
1.205	-6.000	8.00000	9.00000	.28368	-.41439	.14098	.05871	09078	.03610	.04803	.00331
1 205	-4 000	8.00000	9.00000	.28653	-.27109	.08484	05716	.08769	.03518	.04300	.00797
1.205	-2.000	8 00000	9.00000	.28950	- 13572	.03350	05552	.08542	03389	.03819	.00864
1.205	000	8.00000	9 00000	.29222	-.00255	-.01833	.05389	.08312	03259	.03229	.00082
1.205	2 000	8 00000	9.00000	.28935	.12288	-.06816	05273	08061	.03336	.02502	-.01014
1.205	4.000	8.00000	9 00000	.28352	.24910	- 11765	.05149	.07791	.03443	01908	-.02140
	GRADIENT	00000	00000	- 00031	.06495	-.02533	-.00071	-.00122	-.00010	- 00305	-.00388