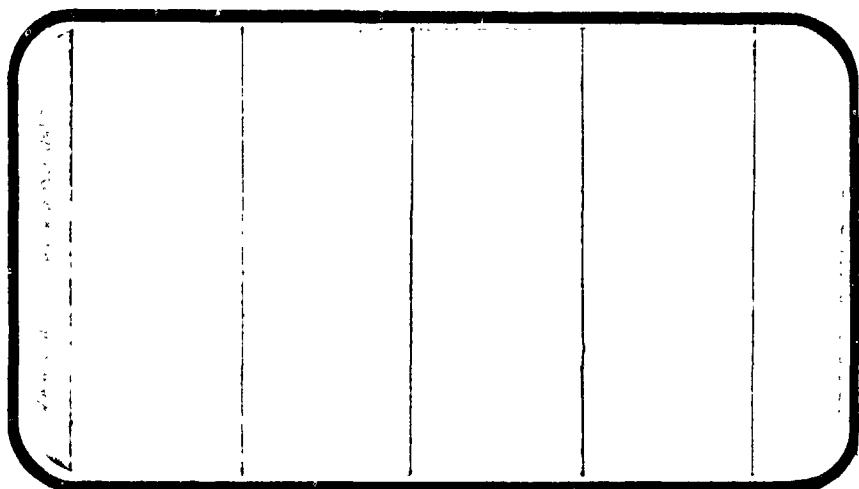




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



(NASA-CR-144600) LOW SUBSONIC AERODYNAMIC CHARACTERISTICS OF FIVE IRREGULAR PLANFORM WINGS WITH SYSTEMATICALLY VARYING WING FILLET GEOMETRY TESTED IN THE NASA/AMES 12 FOOT PRESSURE TUNNEL (LA65) (Chrysler Corp.) G3/02

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER
HOUSTON, TEXAS

DATA Management services
SPACE DIVISION  CHRYSLER CORPORATION

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LOW SUBSONIC AERODYNAMIC CHARACTERISTICS OF
FIVE IRREGULAR PLANFORM WINGS WITH SYSTEMATICALLY
VARYING WING FILLET GEOMETRY TESTED IN THE
NASA/AMES 12-FOOT PRESSURE TUNNEL (LA65)

Prepared under NASA Contract Number NAS9-13247

by

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

for

Engineering Analysis Division
Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: ARC 12 PT 086
NASA Series Number: LA-65
Test Dates: April 9 through May 17, 1975
Occupancy Hours: 240

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Chrysler Corporation Space Division assumes no responsibility for the data presented other than display characteristics.

LOW SUBSONIC AERODYNAMIC CHARACTERISTICS OF
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NASA/AMES 12-FOOT PRESSURE TUNNEL (LA65)

ABSTRACT

The Langley Research Center of the National Aeronautics and Space Administration has recently initiated an experimental and analytical aerodynamic program to develop predesign guides for irregular planform wings (also referred to as cranked leading-edge or double delta wings); the benefits are linearization of subsonic lift-curve slope to high angles of attack and avoidance of subsonic pitch instabilities at high lift by proper tailoring of the planform-fillet-wing combination while providing the desired hypersonic trim angle and stability. Because subsonic and hypersonic conditions were the two prime areas of concern in the initial application of this program to optimize shuttle orbiter landing and entry characteristics, the study was designated the Subsonic/Hypersonic Irregular Planforms Study (SHIPS). While the initial efforts in the SHIPS Program were directed towards improving shuttle orbiter design, this program also has applications to advanced fighters or advanced aerospace vehicles. Therefore, the study is considered a general technology program to advance the state of the art in optimal aerospace design.

The purpose of the present paper is to present basic longitudinal aerodynamic characteristics at subsonic speeds, as the initial phase of the overall study.

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COEFFICIENT SCHEDULE: (A) CL, CA vs. ALPHA; CD vs CL; L/D, CLM vs ALPHA;
CLM vs CN: CYN, CBL vs ALPHA

INTRODUCTION

Langley Research Center of the National Aeronautics and Space Administration has recently initiated both an experimental and analytic program to study systematically the aerodynamic characteristics of irregular planform wings. The use of irregular planform wings is at present increasing. Examples include the supersonic transports, variable sweep aircraft such as the F-111 and B-1, the light-weight fighter prototypes and the Space Shuttle Orbiter. In each of these cases an extensive ad hoc wind tunnel program was necessary because analytic methods and design guidelines were not available.

It is now apparent that hypersonic transports and advanced aerospace vehicles will likely use irregular planform wings. The need therefore exists for a realistic data base from which empirical design guides can be derived as an aid in predesign iteratives for a specific mission. Since the first application of this particular program was directed towards optimization of the Space Shuttle Orbiter where subsonic landing and hypersonic entry were the two prime areas of concern the program was designated Subsonic/Hypersonic Irregular Planform Study (SHIPS).

The purpose of the initial phase of the overall SHIPS program was to determine the subsonic aerodynamic characteristics for a systematic series of isolated irregular planform wings having variations in airfoil section and sweep. Tests were conducted over a range of Reynolds numbers varying between 2×10^6 and 8×10^6 per foot, for the wing fillet combinations listed, at a free stream Mach number of 0.3.

INTRODUCTION (Concluded)

Five basic wing planforms of constant area, span, aspect ratio and leading-edge sweep variations from 25° (trapezoidal) to 60° (delta) were tested in conjunction with a series of fillets having variations in sweep from 80° down to the basic wing sweep in approximately 5° increments. Also included are the effects of wing thickness.

The present paper presents plotted data only for the higher Reynolds numbers. However, tabulated data are presented for all Reynolds numbers in the appendix. Reynolds number effects for each configuration are presented in reference 1.

NOMENCLATURE

The axis systems and sign conventions are presented in Figure 1. Data are presented in the stability axes and the body axes coordinate systems. Because the data were computer plotted, the corresponding plot symbol, where used, is given together with the conventional symbol. The coefficients are normalized with respect to the true projected planform geometry of each wing.

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C _p	CP	pressure coefficient; $(P_1 - P_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2 , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2 , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3 , slugs/ft ³
<u>Reference & C.G. Definitions</u>		
A _b		base area; m ² , ft ²
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{L_{REF}}{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m ² , ft ²
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/q_\infty$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D _f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

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NOMENCLATURE (Concluded)
 ADDITIONS TO STANDARD NOMENCLATURE

<u>Symbol</u>	<u>Symbol</u>	<u>Definition</u>
C_{pc}	CPCAV	pressure coefficient for sting cavity
t/c	T/C	wing thickness ratio
$\Lambda_c/4$		quarter chord sweep
$\Lambda_c/2$		half chord sweep
A		aspect ratio
C_R		wing root chord
\bar{x}		longitudinal location of mean aerodynamic chord
\bar{y}		spanwise location of mean aerodynamic chord
$\Delta y/b/2$		non dimensionalized spanwise intersect location of fillet with the wing leading edge; constant for all wings
	GRITNO	grit number, related to grit size, utilized in boundary layer transition strip
Λ_f	FILSWP	fillet leading edge sweep angle
Λ_{LE}	LESWP	wing leading edge sweep angle
Λ_{TE}	TESWP	wing trailing edge sweep angle

SUBSCRIPTS

c	balance cavity
t	total condition
UNC	uncorrected
∞	freestream conditions
REF	reference value, without fillets
EFF	effective

CONFIGURATIONS INVESTIGATED

The investigation was conducted utilizing a series of five basic planforms, each with a series of fillets, which provided a total of 35 planform variations:

<u>WING NUMBER</u>	<u>LEADING EDGE SWEEP</u>	<u>MAXIMUM FILLET SWEEP</u>
I	25°	80°
II	35°	80°
III	45°	80°
IV	53°	80°
V	60°	80°

Fillet sweeps generally varied from the fillet-off configuration (i.e., fillet sweep identical to wing leading edge sweep) to the maximum fillet sweep in 5° and 10° increments. All wing sections were 8% thick except for three of the Wing I planforms, which had 12% thick sections. Two of the Wing II planforms had sharp leading edge sections, as did two of the Wing V planforms.

Model geometric characteristics are given in Tables III and IV, model sketches are presented in Figure 2, and model photographs in Figure 3.

INSTRUMENTATION

The static forces and moments on the test models were measured with a sting supported, six component, strain gage balance (Langley Balance No. IR16) for a Mach number of 0.30 with a Reynolds number variation from 2.0×10^6 to 8.0×10^6 per foot. Angle of attack variation for these test conditions was between -2 to 24 degrees at a zero degree sideslip angle.

Boundary layer transition grit strips were used for all but a very limited portion of the data. The fuselage grit strip was located one-tenth of the total fuselage length measured from the nose, and the wing grit strip and fillet grit strip were both located 0.5 inches (in the streamwise direction) from the leading edge. All transition strip widths were a nominal 0.10 inches; 0.0048 inch diameter (average) carborundum grit was used.

The balance cavity pressure was measured by two 12.5 psid transducers, and the angle of attack was determined from the output of an Ames pendulous angle sensor mounted at the base of the sting.

TEST FACILITY DESCRIPTION

The Ames 12-Foot Pressure Wind Tunnel is a variable density low turbulence wind tunnel which operates in the Mach number range of 0.1 to 0.94. The wind tunnel is powered by a two-stage, axial flow fan driven by electric motors totaling 12,000 horsepower. Airspeed in the test section is controlled by variation of the fan's rotative speed. Eight fine-mesh screens in the settling chamber together with a contraction ratio of 25 to 1, provide an airstream of exceptionally low turbulence.

DATA REDUCTION

Aerodynamic force and moment data were resolved in the body and stability axes systems. The computations of force and moment coefficients were based on the projected planform dimensions given in Table III and IV. Moment data are referenced to the model moment reference point which is at the $0.25\bar{c}$.

The measured angle of attack was corrected for sting and balance deflections due to wind loads and for tunnel wall effects by the method of reference 2 with the equation:

$$\alpha = \alpha_{\text{unc}} + 0.048 C_L$$

Stream angle corrections are not necessary in the 12-foot tunnel.

Corrections due to wall effects were made to the drag and pitching moment coefficients according to the following equations:

$$C_D = C_{D_{\text{unc}}} + 0.00075 C_L^2$$

$$C_m = C_{m_{\text{unc}}} + 0.00082 C_L$$

Axial force data were corrected for balance cavity pressure according to the following equation:

$$C_A = C_{A_{\text{unc}}} - \frac{(P - P_c) A_c}{q_{\infty} S}$$

Tunnel conditions were corrected for blockage by the method of reference 3.

REFERENCES

1. Kruse, Robert L., and Lovett, George H.: Reynolds Number Effects on the Aerodynamic Characteristics of Irregular Planform Wings at Mach Number = 0.3. ARC-TMX 73,132. Awaiting publication.
2. Sivellas, James C., and Salmi, Rachel M.: Jet-Boundary Corrections for Complete and Semispan Swept Wings in Closed Circular Wind Tunnels. NACA TN2454, 1951.
3. Herriot, John G.: Blockage Corrections for Three-Dimensional Flow, Closed-Throat Wind Tunnels with Consideration of the Effects of Compressibility. NACA Report 995, 1950.

TABLE II

TEST: ARC 086-1-12 (IA-65)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 9-23-75 (Revised)					
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES										TEST RUN NUMBERS			
		α	β	AI/E	AF	ATE	T/C	GRIT	MACH	RN/L	X	10 ^{-C}	PER	FT.			
A, RW0001	WI-25-25-0008	A	0°	25	25	25	.08	120	0.30					2	4	6	8
02	80													17	16	15	14
03	75													21	20	19	18
04	70														40	39	38
05	65														43	50	49
06	60														48	47	46
07	55														51	53	52
08	45														56	55	54
09	35														59	58	57
10	WI-35-35													25	24	23	22
11	80														65	64	63
12	75														66	67	68
13	70														71	70	69
14	65														74	73	72
15	60														77	76	75
16	55														80	79	78
17	45															82	81

R) BESTA CN CA CL
A) CSL CLM CPCAV Q(PBF)

TYPE OF DATA
 α OR β
SCHEDULES

COEFFICIENT SCHEDULES

IDVAR (1) IDVAR (2) NDV

TABLE II - (Continued)

TEST: ARC 086-1-12 (IA-65)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 9-23-75 (Revised)			
DATA SET IDENTIFIED	CONFIGURATION	SCHD.		PARAMETERS/VALUES								TEST RUN NUMBERS			
		α	β	ALF	AF	ATE	T/C	GRIT	MACH	2	4	6	8		
A, RM0018	WIII-45-45-0008	A	0	45	45	15	.08	120	0.30						
19	80														
20	75														
21	70														
22	65														
23	60														
24	55			▼		▼									
25	WIV-53-53			53	53	7									
26	80														
27	75														
28	70														
29	65														
30	60			▼		▼									
31	WV-60-60			60	60	0									
32	80														
33	75														
34	70			▼		▼									

TYPE OF DATA

α OR β

SCHEDULES

COEFFICIENT SCHEDULES

IDVAR (1)

CVAR (2)

NOV

TABLE II - (Concluded)

TEST ARC 086-1-12 (IA-65)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 9-23-75 (Revised)						
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES						TEST RUN NUMBERS								
		α	β	AVE	AF	AVE	T/C	GRIT	MACH	2	4	6	8	10	12	14	16	18
A. RNC035	WV-60-65-0008	A	0	60	65	0	.08	120	0.30									
36	WI-25-25-0012			25	25	25	.12			138	137	136	135					
37	80				80													
38	60				60													
39	WII-35-35-Hedge			35	35	20	0											
40	80				80													
41	WV-60-60			60	60	0												
42	80				80													
43	WI-25-25-0012			25	25	25	.12	OFF		144	143	142	141					
44	80				80													
45	25-0008				25		.08			129	128	127	126					
46	80				80					148	147	146	145					
										13	12	11	10					

TYPE OF DATA
 α GR β
SCHEDULES

COEFFICIENT SCHEDULES

IDVAR (1) IDVAR (2) NDV

TABLE III.
GEOMETRIC CHARACTERISTICS OF BASIC WINGS

WING I

Leading edge sweep, deg	25
Trailing edge sweep, deg	25
Quarter-chord sweep, deg	13.12427
Half-chord sweep, deg	0.00000
Aspect ratio	2.26500
Taper ratio . . . . .	.30882
Planform area, ft ² (m ²) . . . . .	.52724 (.04898)
Span, ft (m)	1.09279 (.33307)
Root chord, ft (m) . . . . .	.73726 (.22471)
Tip chord, ft (m) . . . . .	.22768 (.06939)
Mean aerodynamic chord, ft (m) . . . . .	.52733 (.16073)
Longitudinal location of mean aerodynamic chord (x), ft (m) . . . . .	.10497 (.03199)
Spanwise location of mean aerodynamic chord (y), ft (m) . . . . .	.22511 (.06861)
Airfoil sections	NACA 0008, 0012

WING II

Leading edge sweep, deg	35
Trailing edge sweep, deg	20
Quarter-chord sweep, deg	23.46871
Half-chord sweep, deg	9.54388
Aspect ratio	2.26500
Taper ratio . . . . .	.24798
Planform area, ft ² (m ²) . . . . .	.52724 (.04898)
Span, ft (m)	1.09279 (.33307)
Root chord, ft (m) . . . . .	.77320 (.23567)
Tip chord, ft (m) . . . . .	.19174 (.05844)
Mean aerodynamic chord, ft (m) . . . . .	.54088 (.16486)
Longitudinal location of mean aerodynamic chord (x), ft (m) . . . . .	.15287 (.04659)
Spanwise location of mean aerodynamic chord (y), ft (m)21832 (.06654)
Airfoil sections	NACA 0008, Double Wedge

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TABLE III - (Continued)
 GEOMETRIC CHARACTERISTICS OF BASIC WINGS

WING III

Leading edge sweep, deg	45
Trailing edge sweep, deg	15
Quarter-chord sweep, deg	34.33357
Half-chord sweep, deg	20.10485
Aspect ratio	2.26500
Taper ratio . . . . .	.16416
Planform area, ft ² (m ²) . . . . .	.52724 (.04898)
Span, ft (m)	1.09279 (.33307)
Root chord, ft (m) . . . . .	.82887 (.25263)
Tip chord, ft (m) . . . . .	.13607 (.04147)
Mean aerodynamic chord, ft (m) . . . . .	.56538 (.17232)
Longitudinal location of mean aerodynamic chord (x), ft (m) . . . . .	.20782 (.06334)
Spanwise location of mean aerodynamic chord (y), ft (m) . . . . .	.35351 (.06334)
Airfoil sections	NACA 0008

WING IV

Leading edge sweep, deg	53
Trailing edge sweep, deg	7
Quarter-chord sweep, deg	43.96733
Half-chord sweep, deg	31.05545
Aspect ratio	2.26500
Taper ratio . . . . .	.098334
Planform area, ft ² (m ²) . . . . .	.52724 (.04898)
Span, ft (m)	1.09279 (.33307)
Root chord, ft (m) . . . . .	.87856 (.26778)
Tip chord, ft (m) . . . . .	.08639 (.02633)
Mean aerodynamic chord, ft (m) . . . . .	.59086 (.18009)
Longitudinal location of mean aerodynamic chord (x), ft (m) . . . . .	.25339 (.08026)
Spanwise location of mean aerodynamic chord (y), ft (m)19844 (.06048)
Airfoil sections	NACA 0008

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TABLE III - (Concluded)
 GEOMETRIC CHARACTERISTICS OF BASIC WINGS

WING V

Leading edge sweep, deg	60
Trailing edge sweep, deg	0
Quarter-chord sweep, deg	52.41091
Half-chord sweep, deg	40.89615
Aspect ratio	2.26500
Taper ratio . . . . .	.00969
Planform area, ft ² (m ²) . . . . .	.52724 (.04898)
Span, ft (m)	1.09279 (.33307)
Root chord, ft (m) . . . . .	.95566 (.29128)
Tip chord, ft (m) . . . . .	.00926 (.00282)
Mean aerodynamic chord, ft (m) . . . . .	.63717 (.19421)
Longitudinal location of mean aerodynamic chord (x), ft (m) . . . . .	.31850 (.09708)
Spanwise location of mean aerodynamic chord (y), ft (m) . . . . .	.18389 (.05605)
Airfoil sections	NACA 0008, Double Wedge

TABLE IV
 GEOMETRIC CHARACTERISTICS OF WING-FILLET COMBINATIONS TESTED

WING I $\Lambda_{le} = 25^\circ$ $\Lambda_{te} = 25^\circ$ $S_{ref} = .04898 \text{ m}^2$ $A_{ref} = 2.26500$

	60	75	70	65	60	55	45	35
Λ_f , deg	57.9706	49.7656	44.0165	39.0915	34.7258	30.7894	23.9277	18.1252
$\Lambda_c/4$, eff, deg	56.2424	46.3857	38.0010	30.8123	24.6805	19.4625	11.1867	4.9436
$\Lambda_c/2$, eff, deg	1.51076	1.72474	1.85838	1.95096	2.01978	2.07369	2.15470	2.21530
A_{TRUE}	.07343	.06432	.05969	.05686	.05493	.05350	.05149	.05008
S_{TRUE} , m^2	.58147	.44855	.38107	.33974	.31147	.29064	.26129	.23074
C_R , TRUE, m	.32187	.25502	.22362	.20549	.19363	.18522	.17390	.16636
\bar{c} , eff, m	.23471	.16664	.12929	.10523	.08816	.07523	.05644	.04286
\bar{y} , eff, m	.05337	.05770	.06040	.06227	.06366	.06475	.06639	.06761
$\Delta y/b/2$	.41157	.41157	.41157	.41157	.41157	.41157	.41157	.41157

TABLE IV -- (Continued)
 GEOMETRIC CHARACTERISTICS OF WING-FILLET COMBINATIONS TESTED

WING II $\Lambda_{te} = 35^\circ$ $\Lambda_{te} = 20^\circ$ $S_{ref} = .04898 \text{ m}^2$ $A_{ref} = 2.26500$

	80	75	70	65	60	55	45	35
Λ_f , deg								
$\Lambda_c/4$, eff, deg	60.6042	53.8730	46.4300	43.7321	39.5459	35.7570	29.1199	
$\Lambda_c/2$, eff, deg	57.1494	47.6537	39.6649	32.8715	27.1129	22.2486	14.7040	
Λ_{TRUE}	1.53370	1.75171	1.89323	1.98940	2.06101	2.11717	2.20169	
S_{TRUE} , m^2	.07233	.06322	.05860	.05577	.05383	.05240	.05039	
$C_{R, TRUE}$, m	.57640	.44348	.37599	.33466	.30639	.28556	.25622	
\bar{c} , eff, m	.32144	.25115	.22254	.20426	.19233	.18385	.17245	
\bar{x} , eff, m	.23588	.16869	.13186	.10812	.09128	.07853	.05999	
\bar{y} , eff, m	.05214	.05570	.05937	.06123	.06261	.06369	.06532	
$\Delta y/b/2$	.41157	.41157	.41157	.41157	.41157	.41157	.41157	

TABLE IV -- (Continued)
 GEOMETRIC CHARACTERISTICS OF WING-FILLET COMBINATIONS TESTED

WING III $\Lambda_{le} = 45^\circ$ $\Lambda_{te} = 15^\circ$ $S_{ref} = .04898 \text{ m}^2$ $A_{ref} = 2.26500$

	80	75	70	65	60	55	45	35
Λ_f , deg								
$\Lambda_{c/4,eff}$, deg	64.4756	58.2148	53.0556	48.5494	44.5046	40.8236		
$\Lambda_{c/2,eff}$, deg	58.8962	49.8928	42.4106	36.1350	30.8972	26.5621		
A_{TRUE}	1.5642	1.79470	1.93985	2.04095	2.11639	2.17565		
S_{TRUE} , m^2	.07093	.06182	.05719	.05436	.05242	.05099		
$C_{R,TRUE}$, m	.57282	.43990	.37241	.33108	.30281	.28198		
\bar{c} , eff, m	.32345	.25535	.22326	.20470	.19256	.18394		
\bar{x} , eff, m	.23575	.16982	.13374	.11048	.09399	.08150		
\bar{y} , eff, m	.05081	.05493	.05753	.05933	.06068	.06174		
$\Delta y/b/2$	.41157	.41157	.41157	.41157	.41157	.41157		

TABLE IV - (Continued)
 GEOMETRIC CHARACTERISTICS OF WING-FILLET COMBINATIONS TESTED

$\Lambda_{2e} = 53^\circ$ $\Lambda_{te} = 7^\circ$ $S_{ref} = .04898 \text{ m}^2$ $A_{T,r,f} = 2.2f500$

WING IV	80	75	70	65	60	55	45	35
Λ_f , deg								
$\Lambda_c/4$, eff, deg	67.6813	61.8534	56.9821	52.6950	48.8291			
$\Lambda_c/2$, eff, deg	61.2200	52.9537	46.2098	40.6503	36.0796			
A_{TRUE}	1.59876	1.84039	1.99335	2.10025	2.18023			
S_{TRUE} , m^2	.06939	.06028	.05565	.05282	.05088			
$C_{R,TRUE}$, m	.56554	.43262	.36514	.32381	.29554			
\bar{c} , eff, m	.32354	.25490	.22256	.20384	.19159			
\bar{x} , eff, m	.23594	.17117	.13572	.11289	.09669			
\bar{y} , eff, m	.04942	.05343	.05597	.05775	.05907			
$\Delta y/b/2$	.41157	.41157	.41157	.41157	.41157			

TABLE IV - (Concluded)
 GEOMETRIC CHARACTERISTICS OF WING-FILLET COMBINATIONS TESTED

WING V $\Lambda_{ge} = 60^\circ$ $\Lambda_{te} = 0^\circ$ $S_{ref} = .04898 \text{ m}^2$ $A_{ref} = 2.26500$

	80	75	70	65	60	55	45	35
Λ_f , deg								
$\Lambda_{c/4, eff}$, deg	70.5664	65.0614	60.3712	56.1989				
$\Lambda_{c/2, eff}$, deg	63.8712	56.2341	50.0551	45.0103				
A_{TRUE}	1.64391	1.90048	2.06404	2.17887				
S_{TRUE} , m^2	.06749	.05838	.05375	.05092				
$C_{R, TRUE}$, m	.56129	.42837	.36088	.31955				
\bar{c} , eff, m	.32837	.25869	.22578	.20669				
\bar{x} , eff, m	.23292	.16968	.13511	.11286				
\bar{y} , eff, m	.04694	.05070	.05310	.05478				
$\Delta y/b/2$	.41157	.41157	.41157	.41157				

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

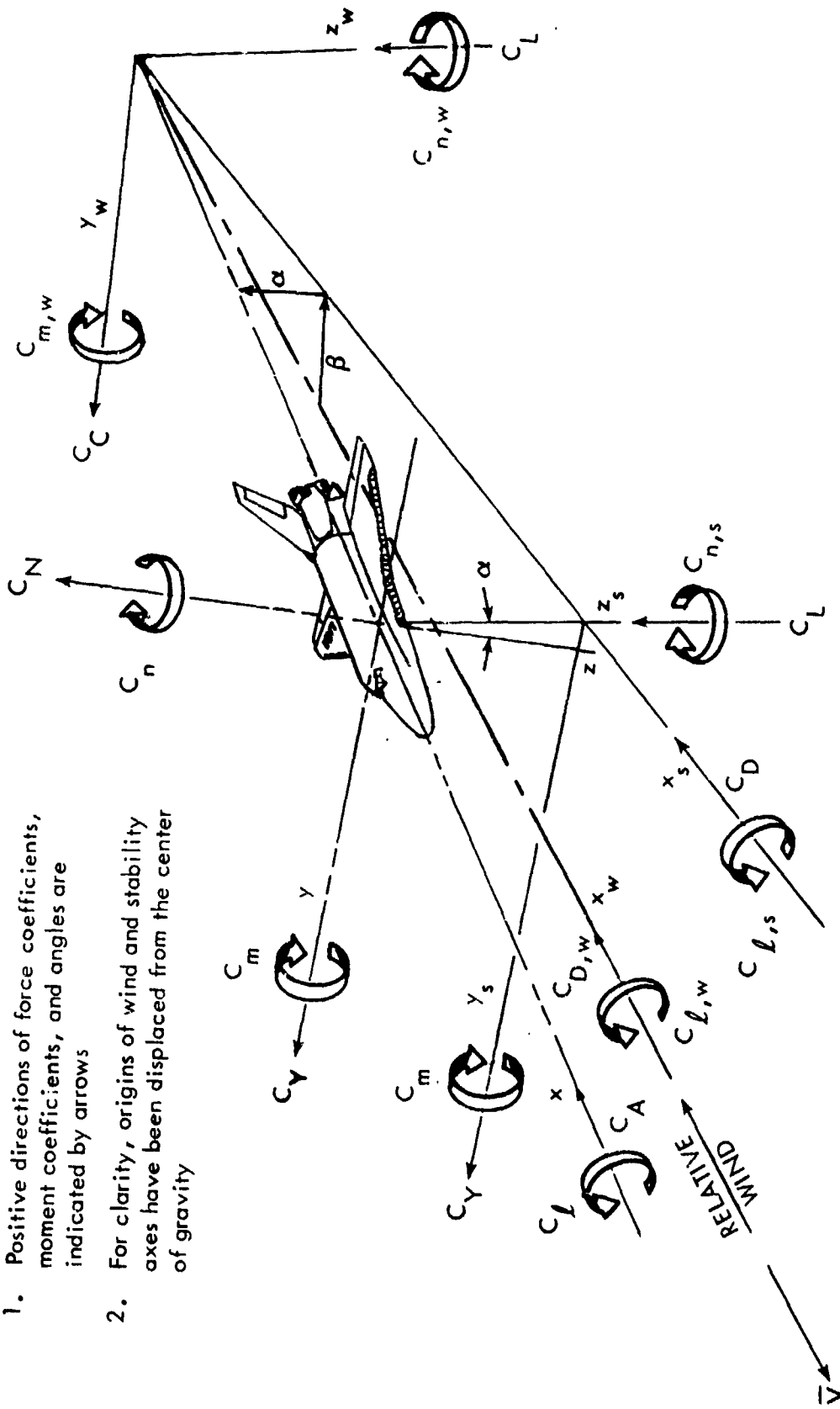
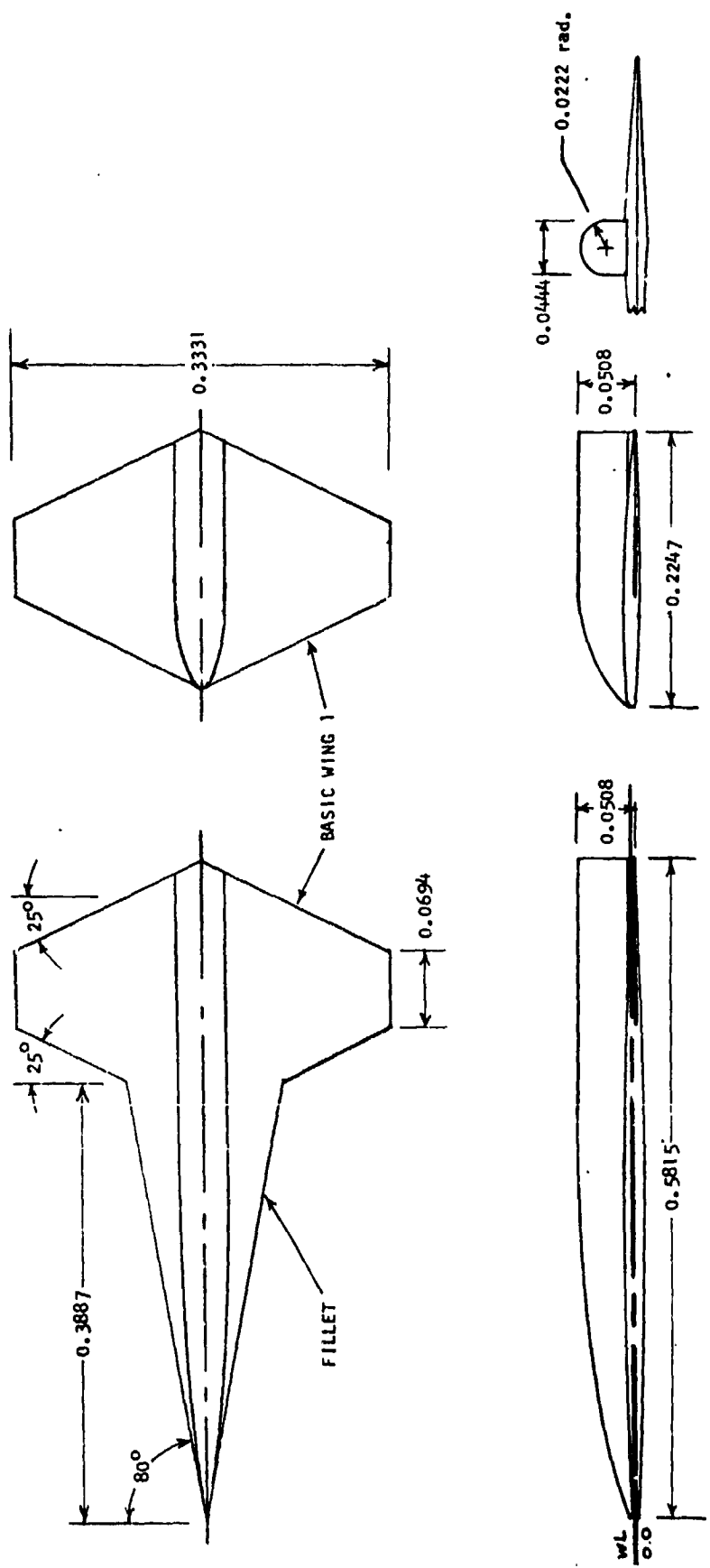
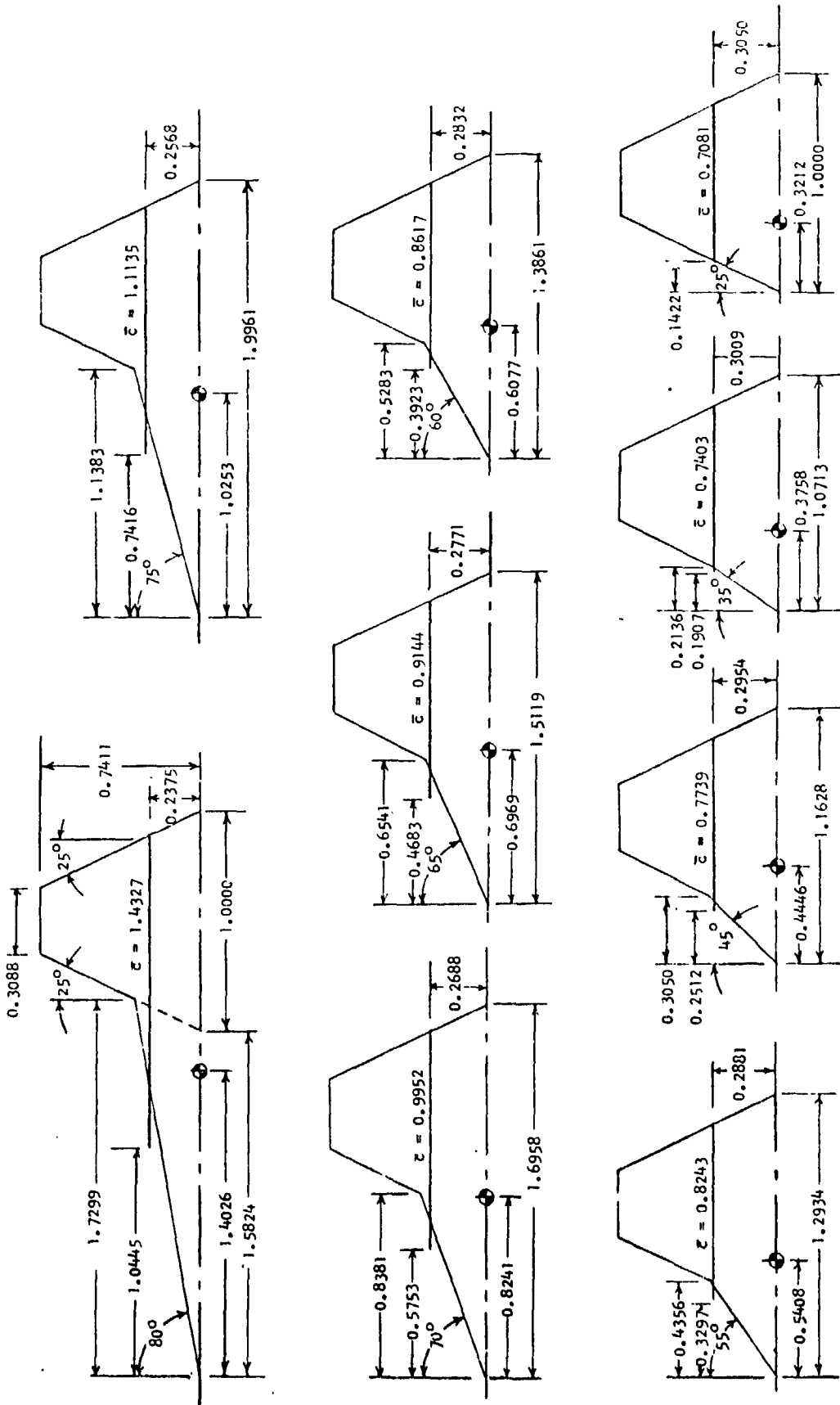


Figure 1. - Axis Systems.

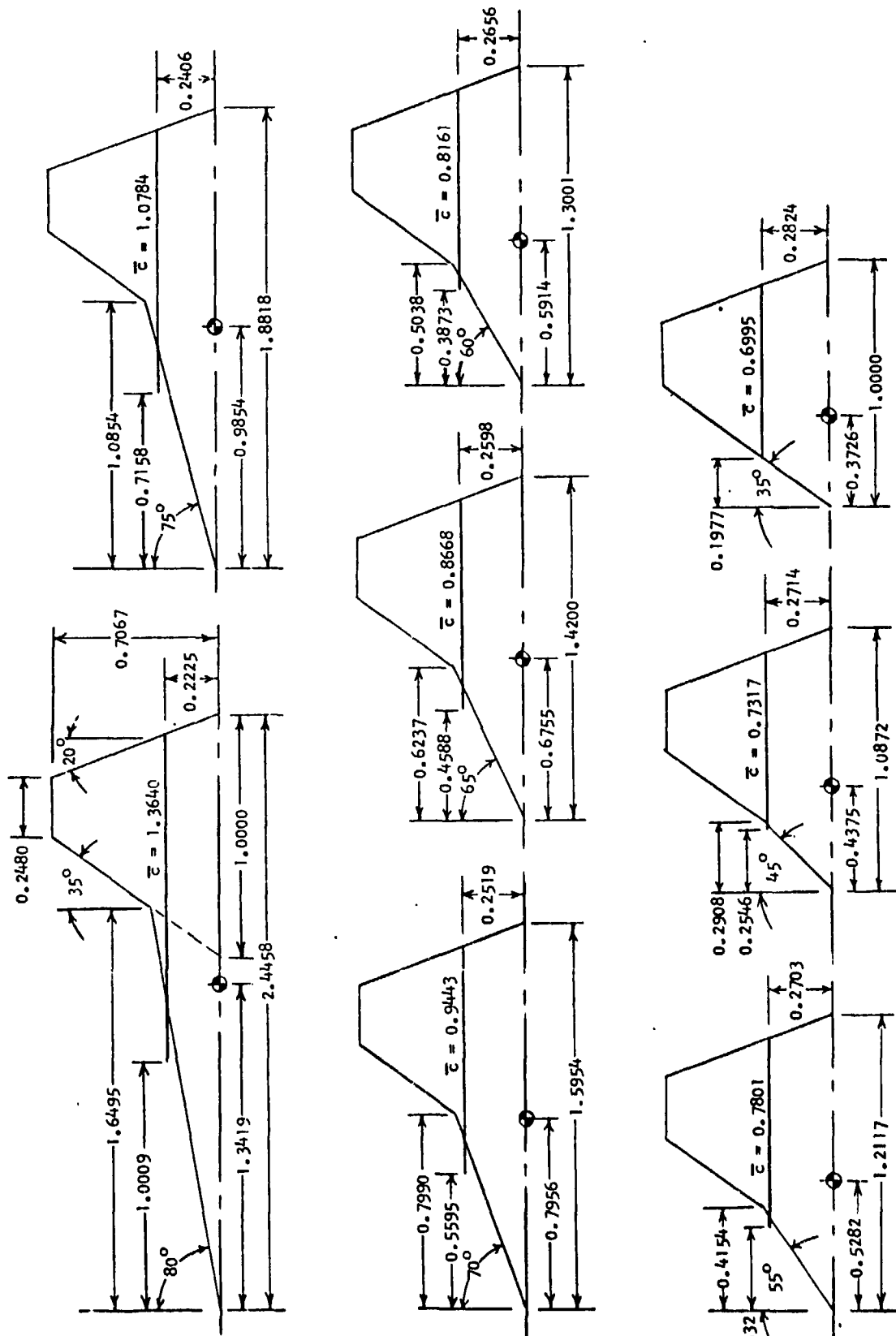
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OF POOR QUALITY



a. General Arrangement
Figure 2. - Model Sketches.



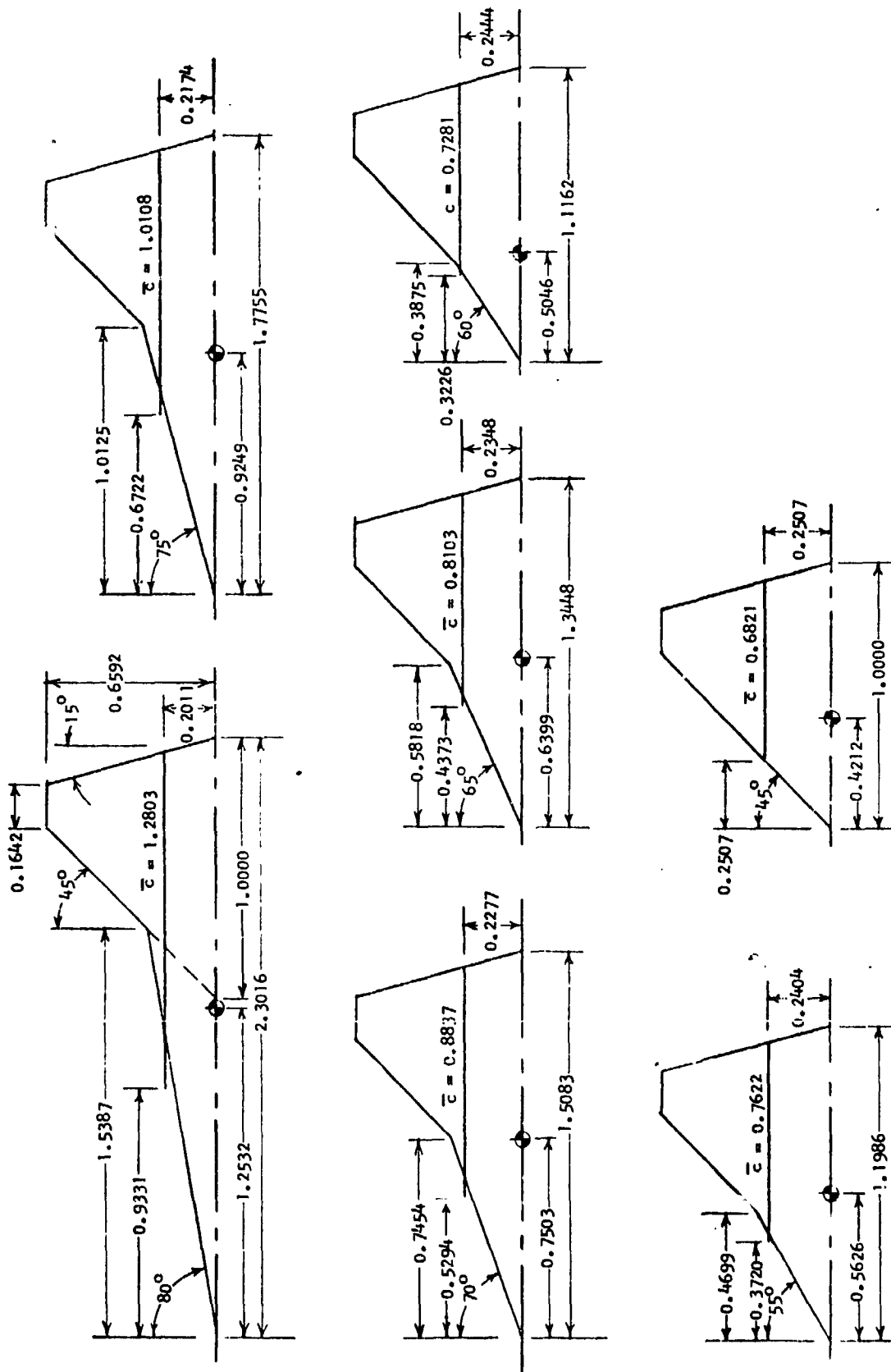
b. Wing I Planform Variations
Figure 2. - Continued.



c. Wing 11 Planform Variations

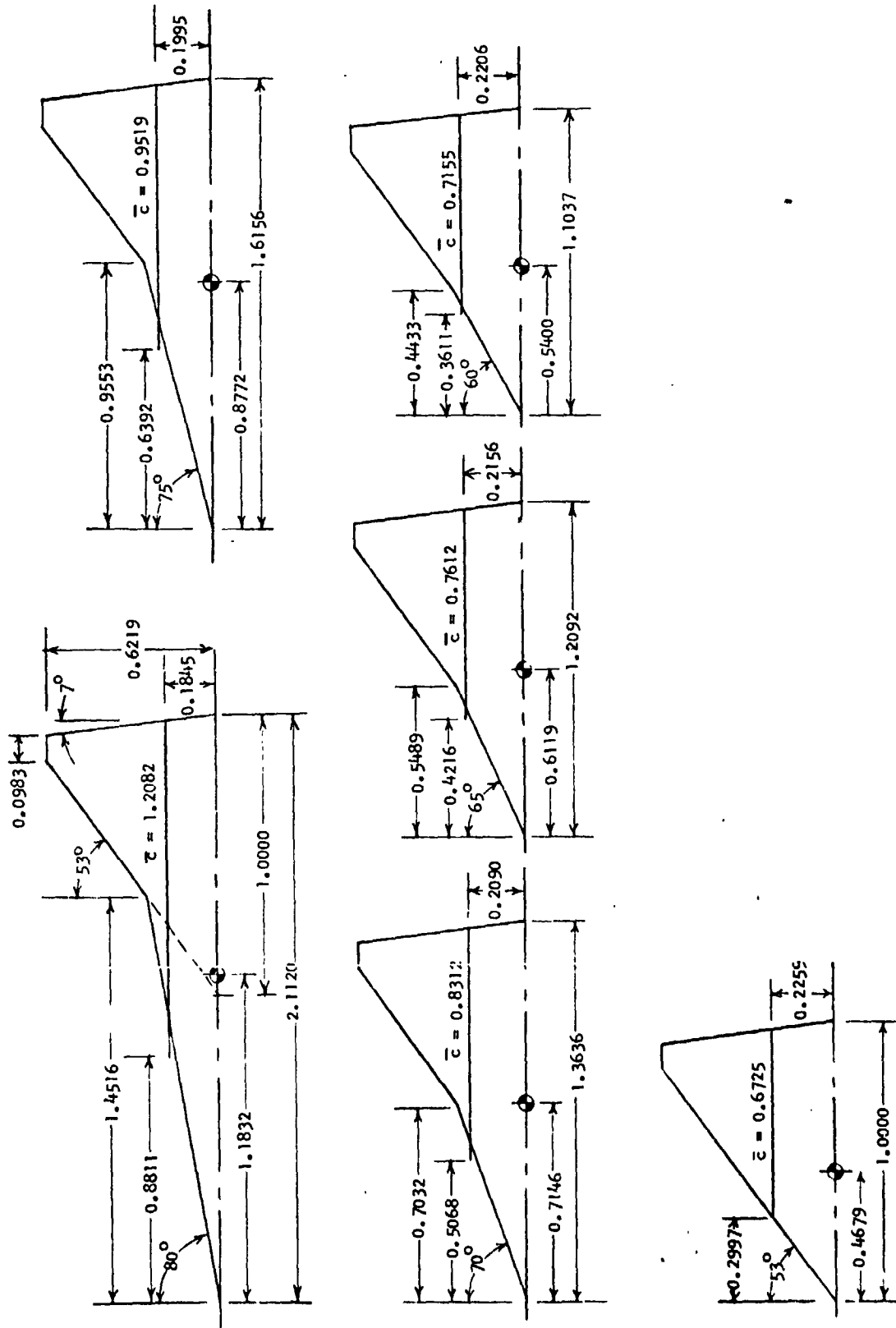
Figure 2. - Continued.

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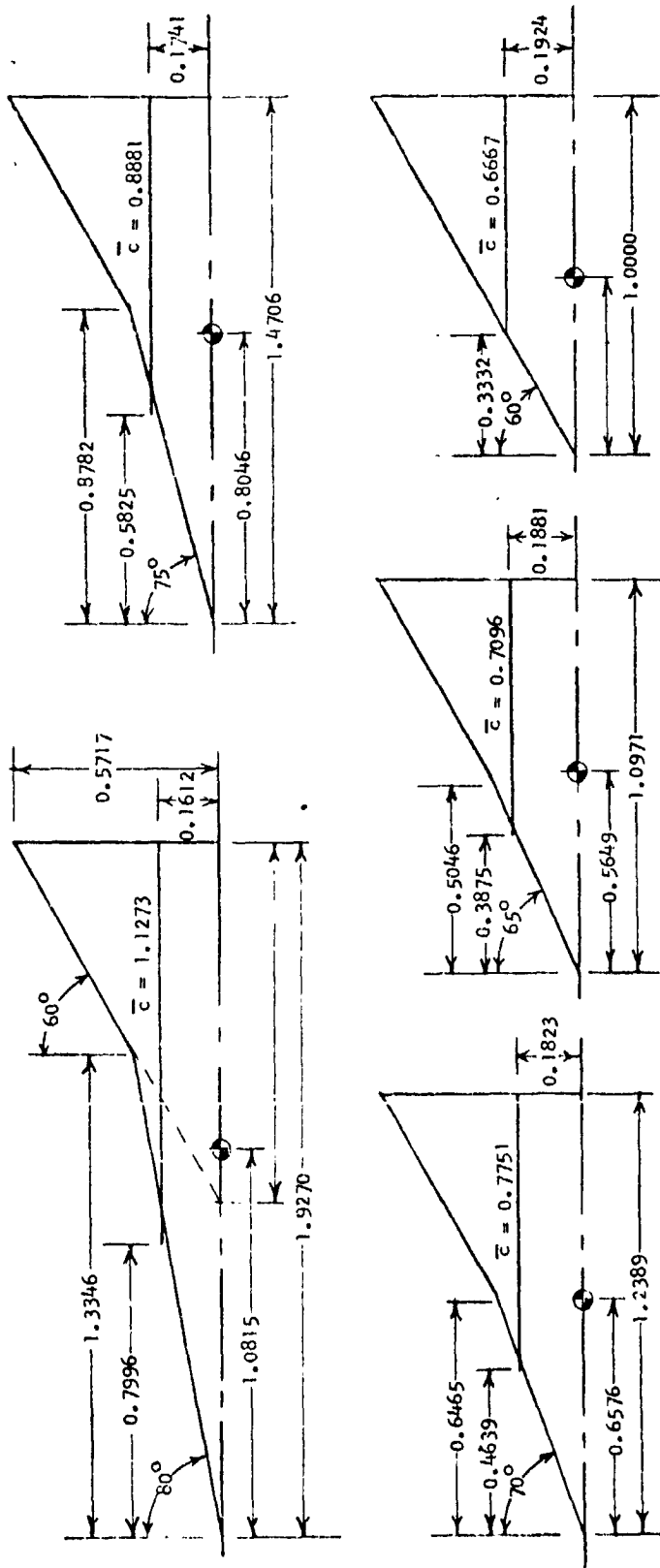
d. Wing III Planform Variations

Figure 2. - Continued.



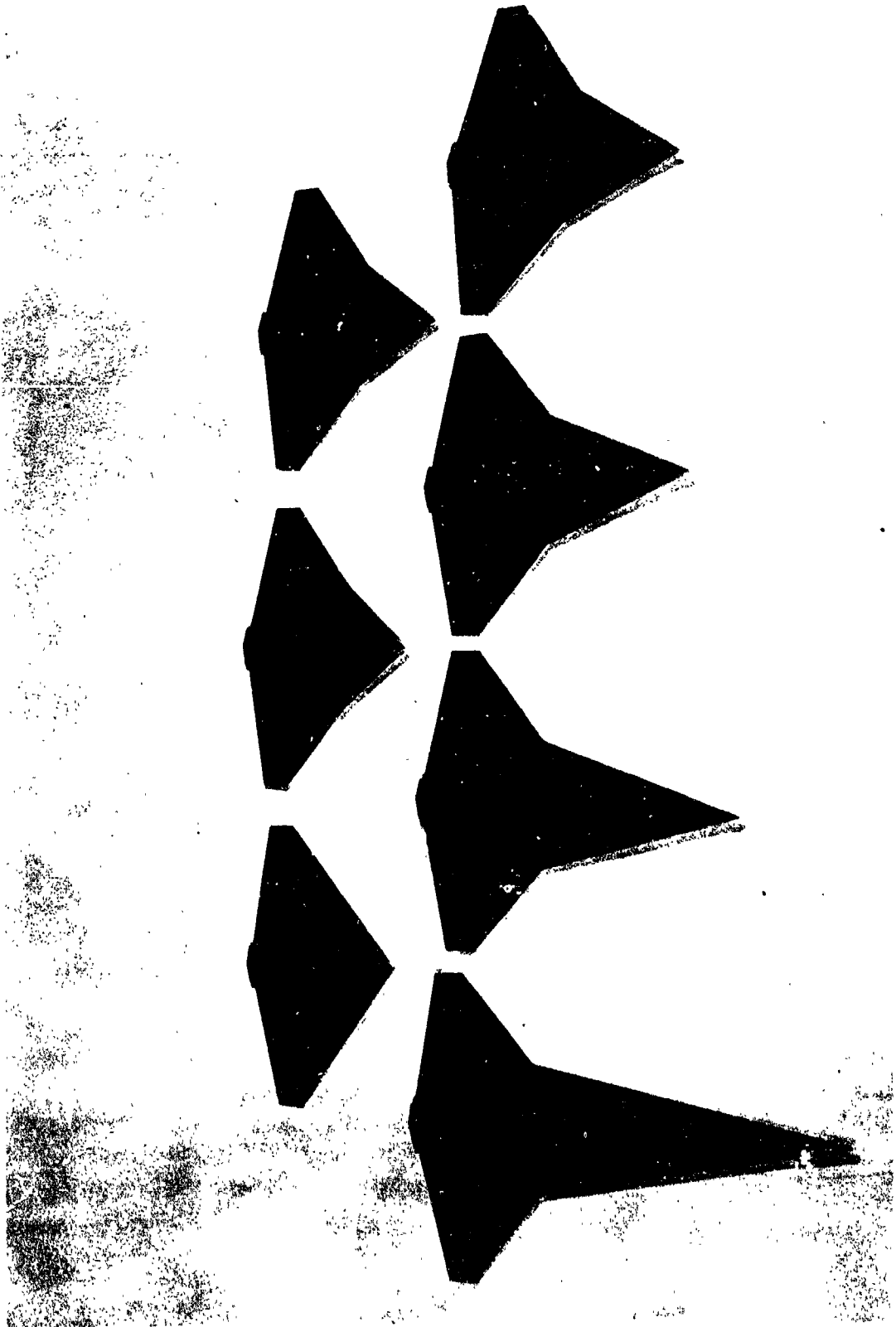
e. Wing IV Planform Variations

Figure 2. - Continued.



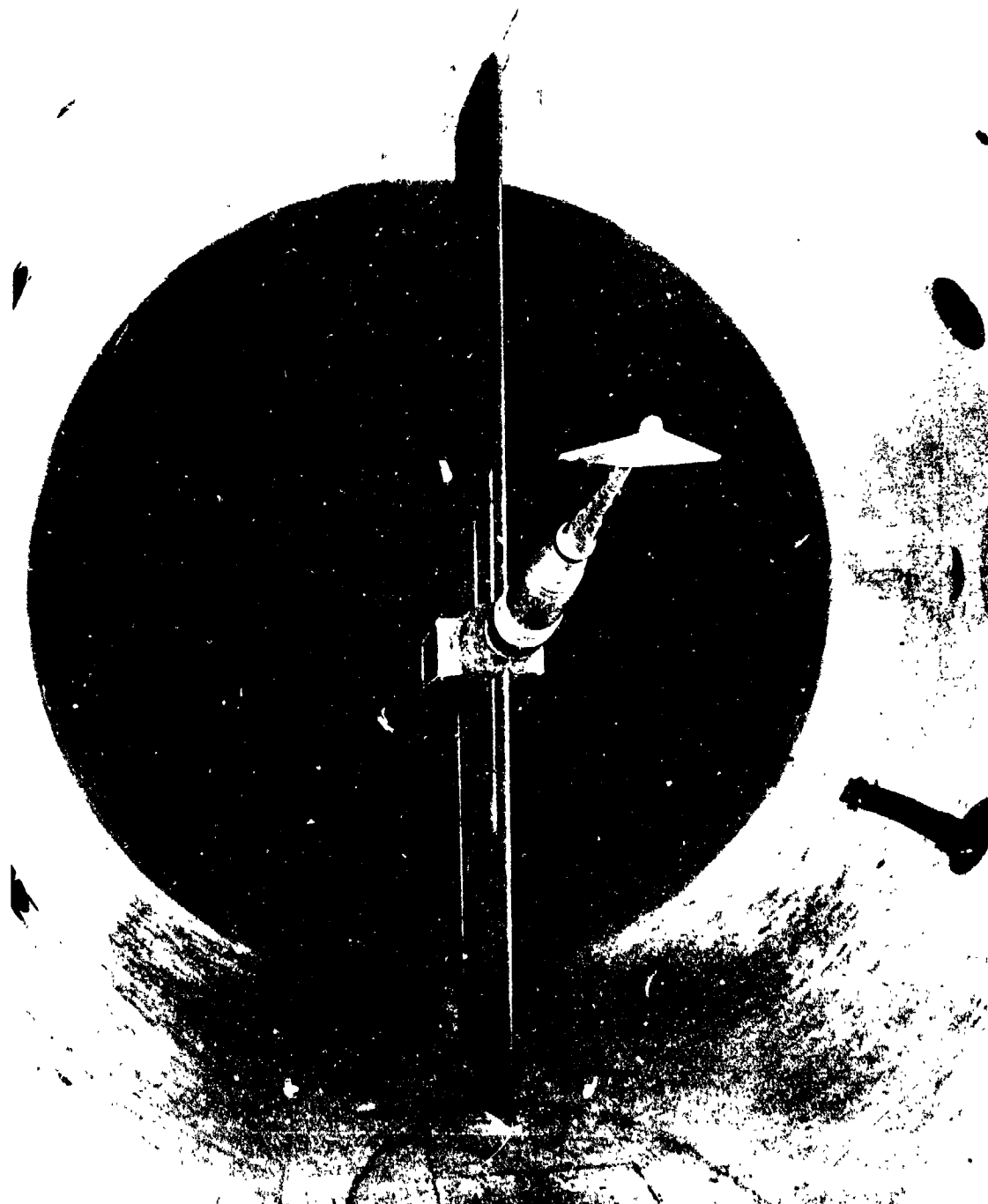
f. Wing V Planform Variations

Figure 2. - Concluded.



a.) Wing 3 Showing Various Wing Fillet Combinations Tested
Figure 3. - Model Photographs.

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OF POOR QUALITY



b) Model Installation In Test Section
Figure 3. - Concluded.

DATA FIGURES

DATA SET SYMBO: CONFIGURATION DESCRIPTION

DATA SET SYMBO	CONFIGURATION DESCRIPTION	AMES	LF ² /VP	FILSWP	T/C	GRITNO
(PNC001)	WING I 25-25-0008	AMES 12-086 (LAG5)	25.000	25.000	.080	120.000
(PNC010)	WING II 35-35-0008	AMES 12-086 (LAG5)	35.000	35.000	.080	120.000
(PNC018)	WING III 45-45-0008	AMES 12-086 (LAG5)	45.000	45.000	.080	120.000
(PNC025)	WING IV 53-53-0008	AMES 12-086 (LAG5)	53.000	53.000	.080	120.000
(PNC031)	WING V 60-60-0008	AMES 12-086 (LAG5)	60.000	60.000	.080	120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

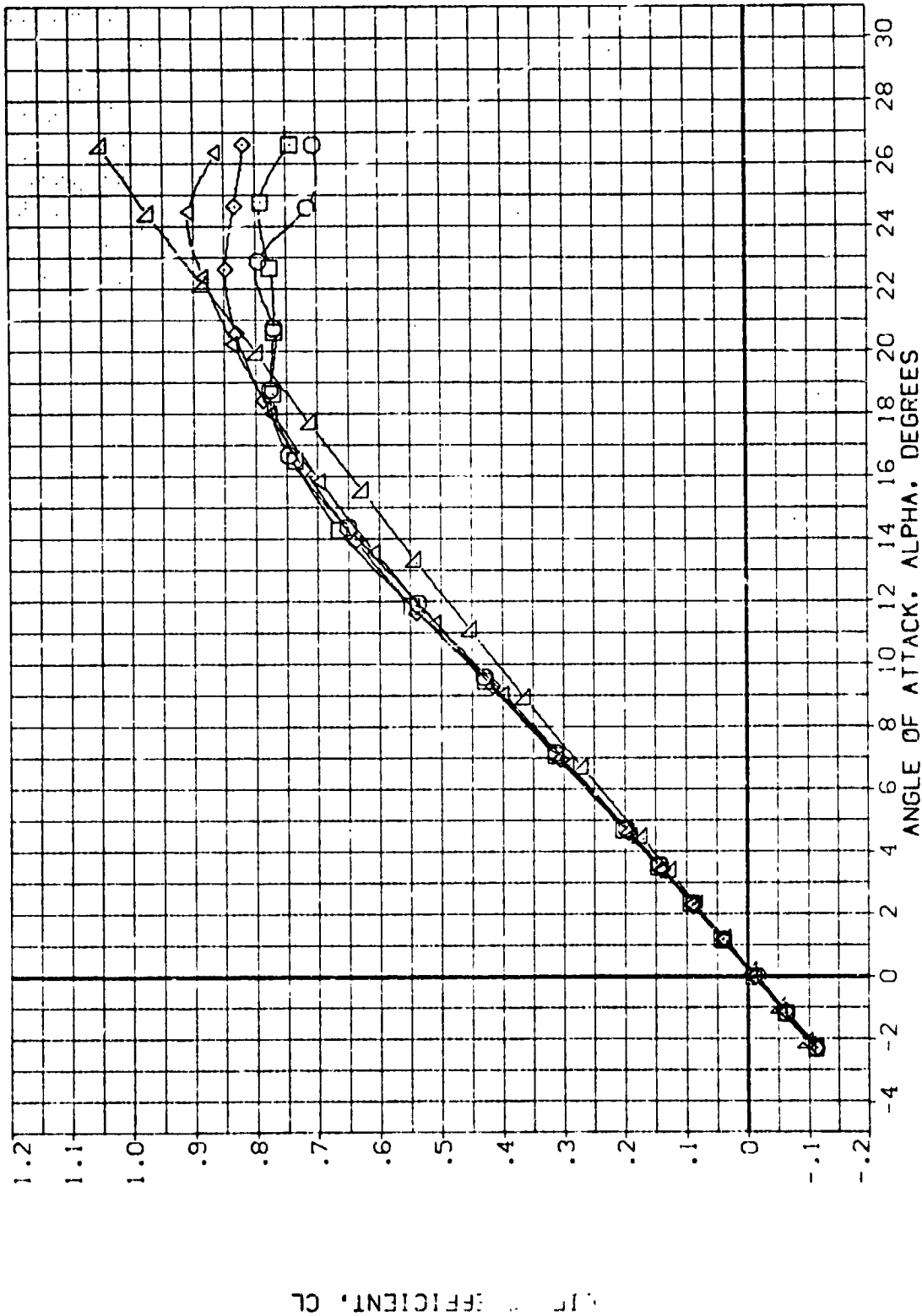


FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
(PNC001)	WING I 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC010)	WING II 35-35-0008	AMES 12-086 (LA65)	35.000	35.000	.080	120.000
(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000
(PNC025)	WING IV 53-53-0008	AMES 12-086 (LA65)	53.000	53.000	.080	120.000
(PNC031)	WING V 60-60-0008	AMES 12-086 (LA65)	60.000	60.000	.080	120.000

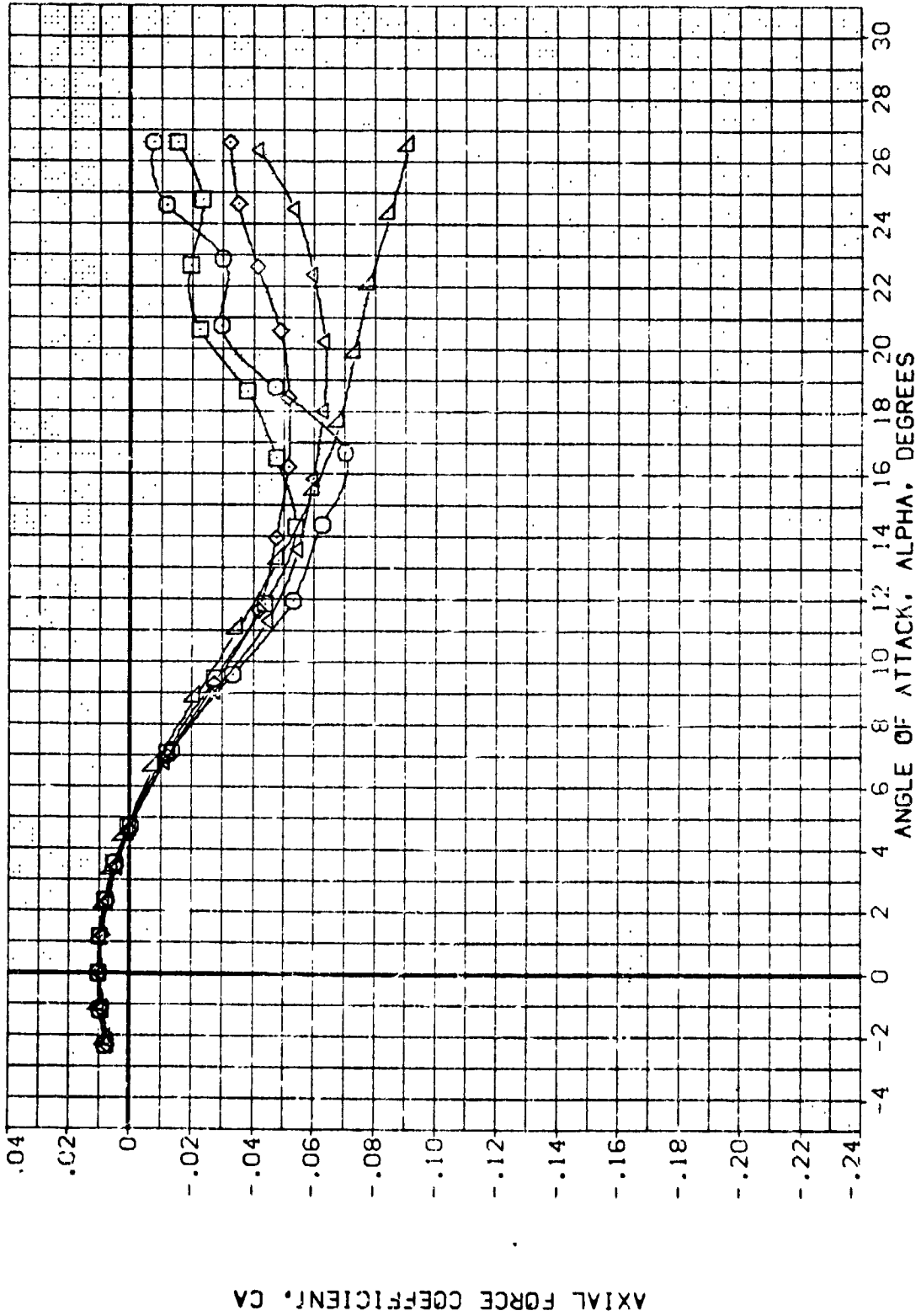


FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GR'TNO
 (PNC001) WING I 25-25-0008 AMES 12-086 (LA65) 25.000 .080 120.000
 (PNC010) WING II 35-35-0008 AMES 12-086 (LA65) 35.000 .080 120.000
 (PNC018) WING III 45-45-0008 AMES 12-086 (LA65) 45.000 .080 120.000
 (PNC025) WING IV 53-53-0008 AMES 12-086 (LA65) 53.000 .080 120.000
 (PNC031) WING V 60-60-0008 AMES 12-096 (LA65) 60.000 .080 120.000

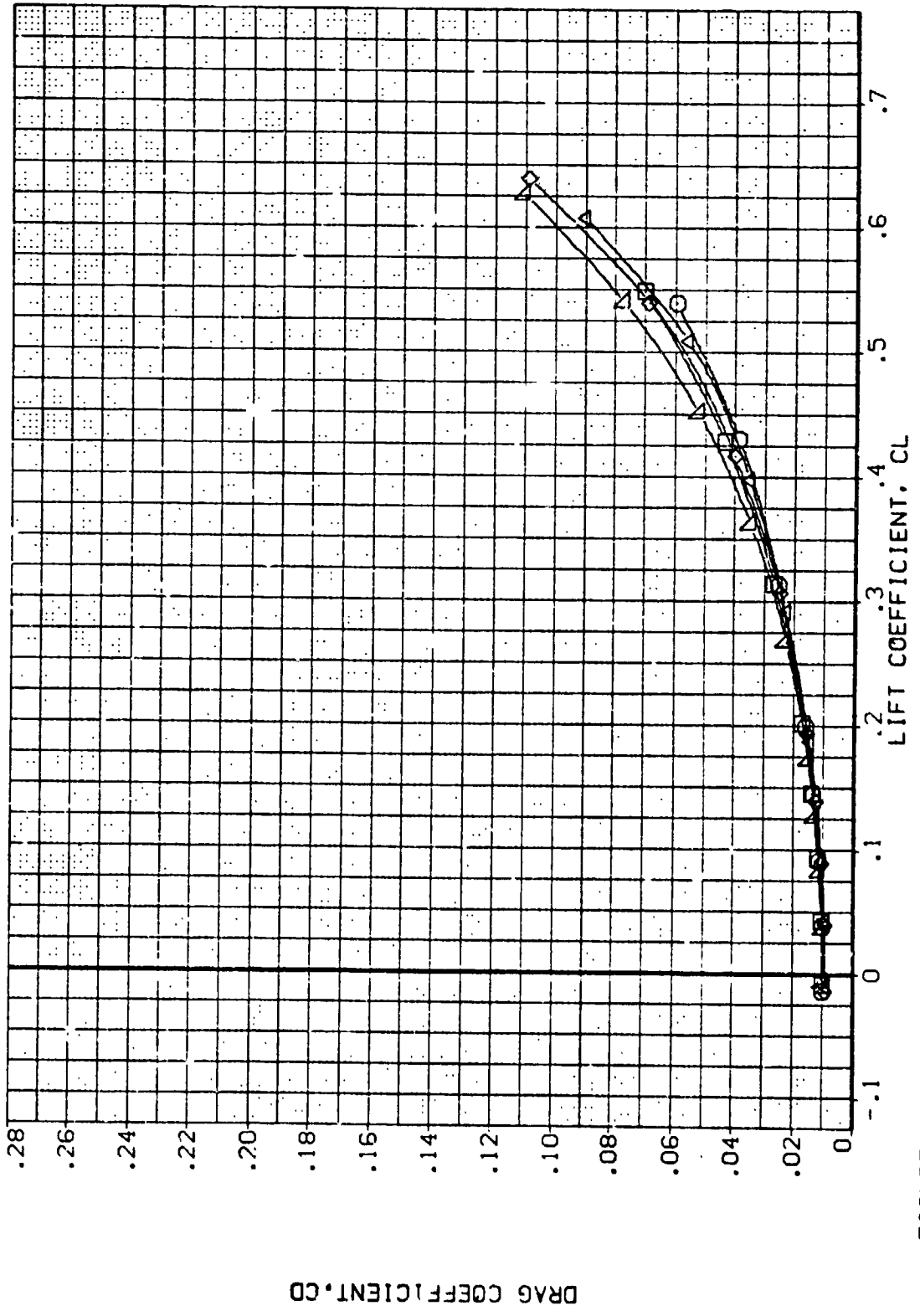


FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
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 (PNC010) WING II 35-35-0008
 (PNC018) WING III 45-45-0008
 (PNC025) WING IV 53-53-0008
 (PNC031) WING V 60-60-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 25.000
 35.000
 45.000
 53.000
 60.000

FILSWP 25.000
 35.000
 45.000
 53.000
 60.000

T/C .080
 .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

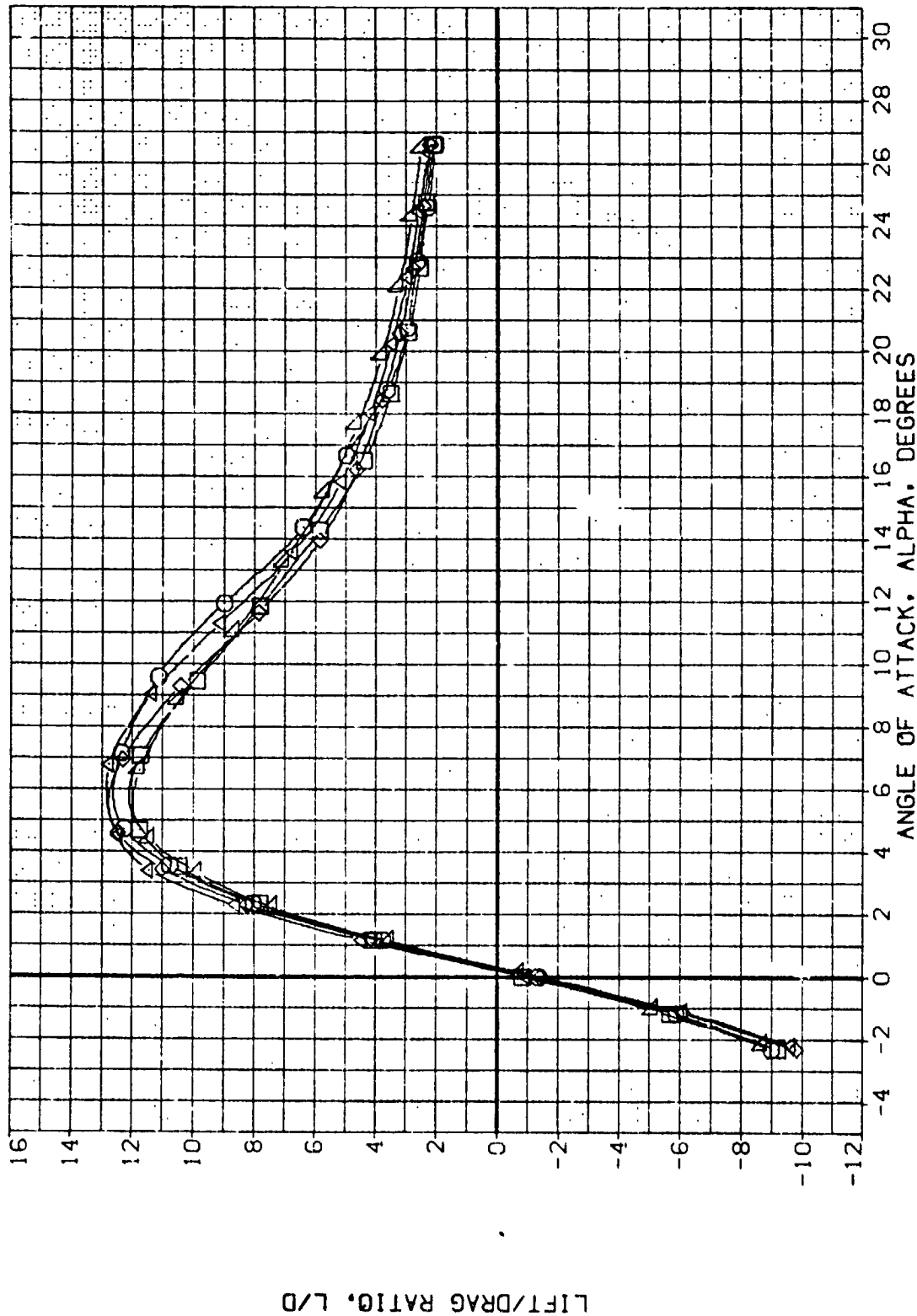


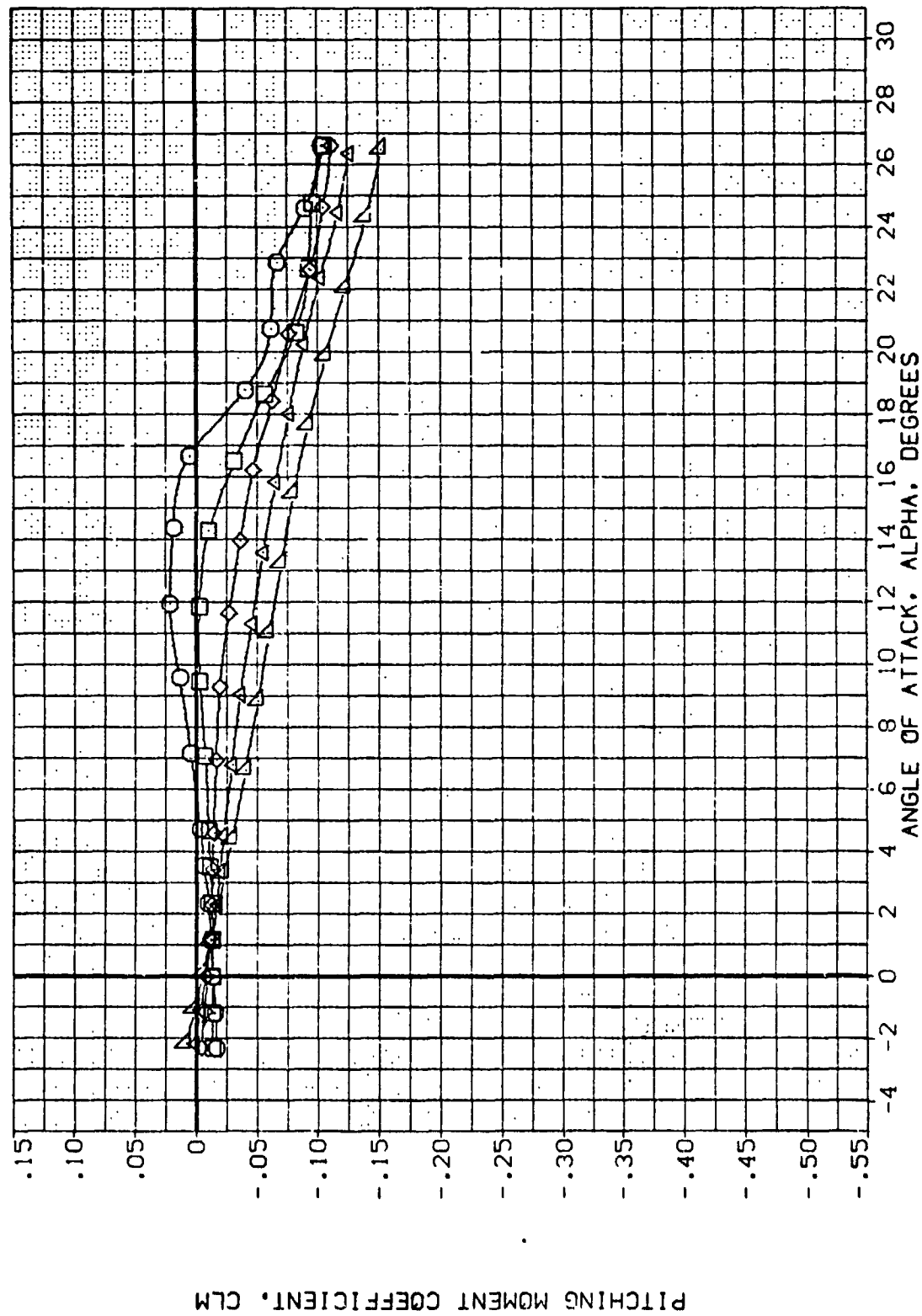
FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LAGS) LESWP FILSWP T/C GRITNO
 (PNC001) WING I 25-25-0008 AMES 12-086 (LAGS) 25.000 25.000 .080 120.000
 (PNC010) WING II 35-35-0008 AMES 12-086 (LAGS) 35.000 35.000 .080 120.000
 (PNC018) WING III 45-45-0008 AMES 12-086 (LAGS) 45.000 45.000 .080 120.000
 (PNC025) WING IV 53-53-0008 AMES 12-086 (LAGS) 53.000 53.000 .080 120.000
 (PNC031) WING V 60-60-0008 AMES 12-086 (LAGS) 60.000 60.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



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FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC001) WING I 25-25-C008
 (PNC010) WING II 35-35-C008
 (PNC018) WING III 45-45-C008
 (PNC025) WING IV 53-53-C008
 (PNC031) WING V 60-60-C008

AMEC 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 25.000
 35.000
 45.000
 53.000
 60.000

FILSWP 25.000
 35.000
 45.000
 53.000
 60.000

T/C .080
 .080
 .080
 .080
 .080

GRITNO 120.000
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 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

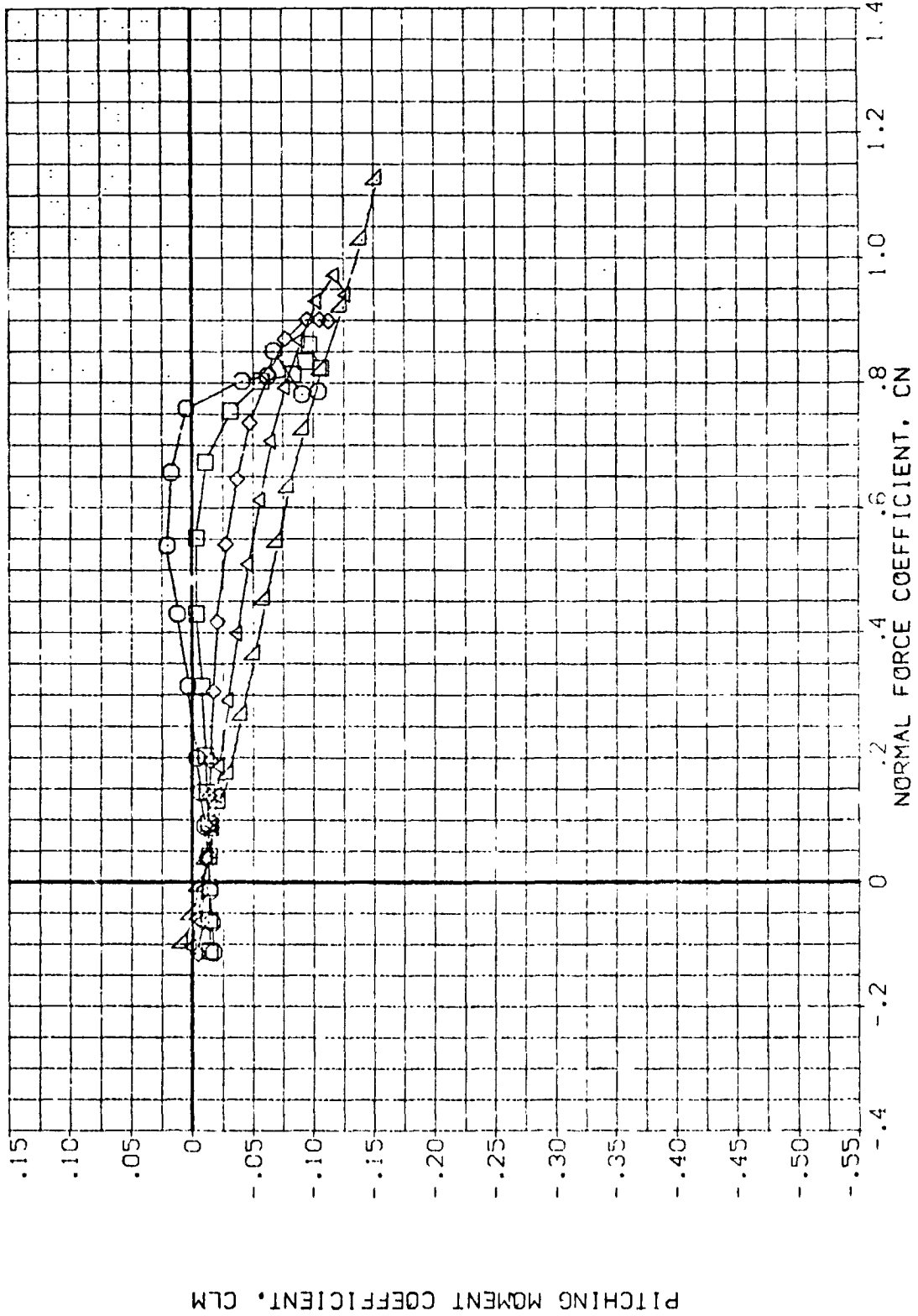


FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESWP	FILSWP	T/C	GRITNO
(PNC001)	WING I 25-25-0006	25.000	25.000	.080	120.000
(PNC010)	WING II 35-35-0008	35.000	35.000	.080	120.000
(PNC018)	WING III 45-45-0008	45.000	45.000	.080	120.000
(PNC025)	WING IV 53-53-0008	53.000	53.000	.080	120.000
(PNC031)	WING V 60-60-0008	60.000	60.000	.080	120.000

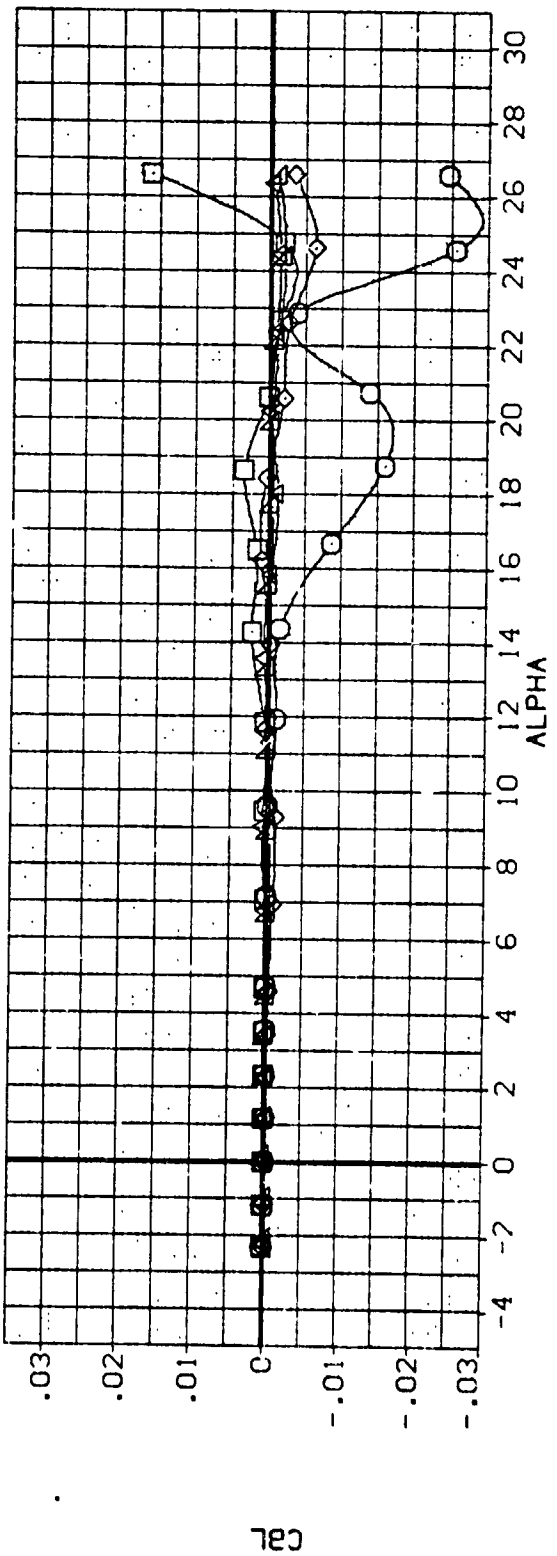
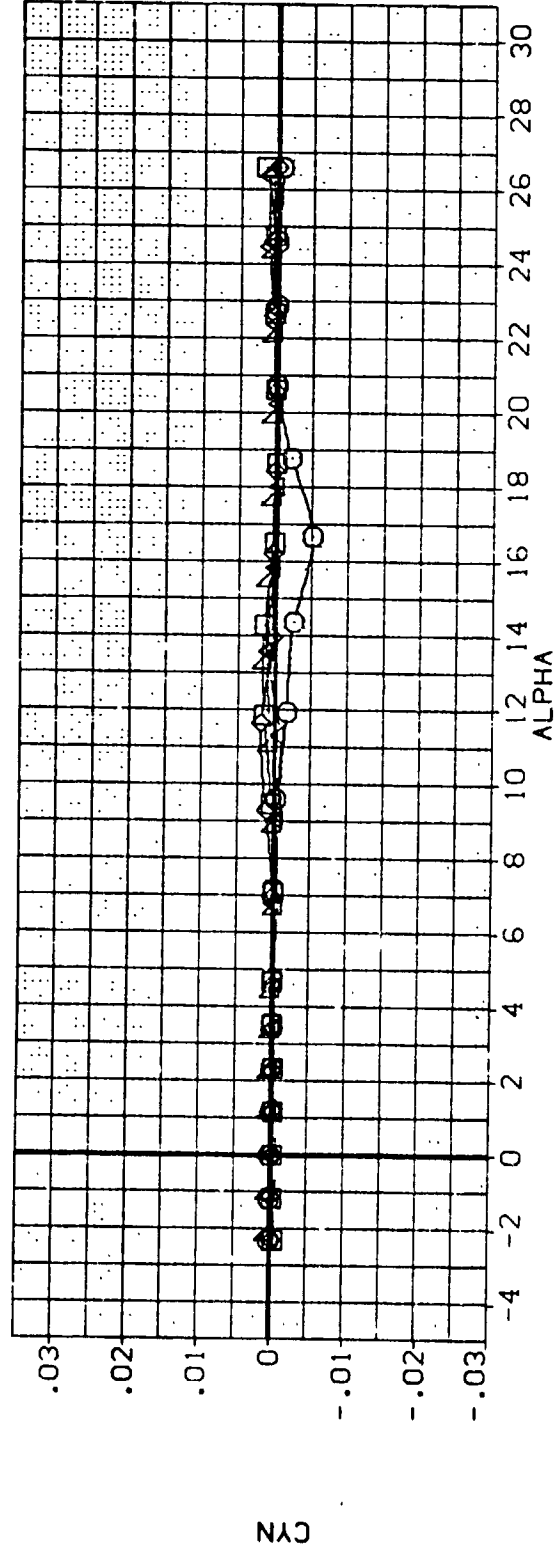


FIGURE 4. EFFECT OF WING PLANFORM (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC001) WING 1 25-25-0008
 (PNC045) WING 1 25-25-0008
 (PNC036) WING 1 25-25-0012
 (PNC043) WING 1 25-25-0012

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 25.000
 25.000
 25.000
 25.000

FILSWP 25.000
 25.000
 25.000
 25.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
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 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

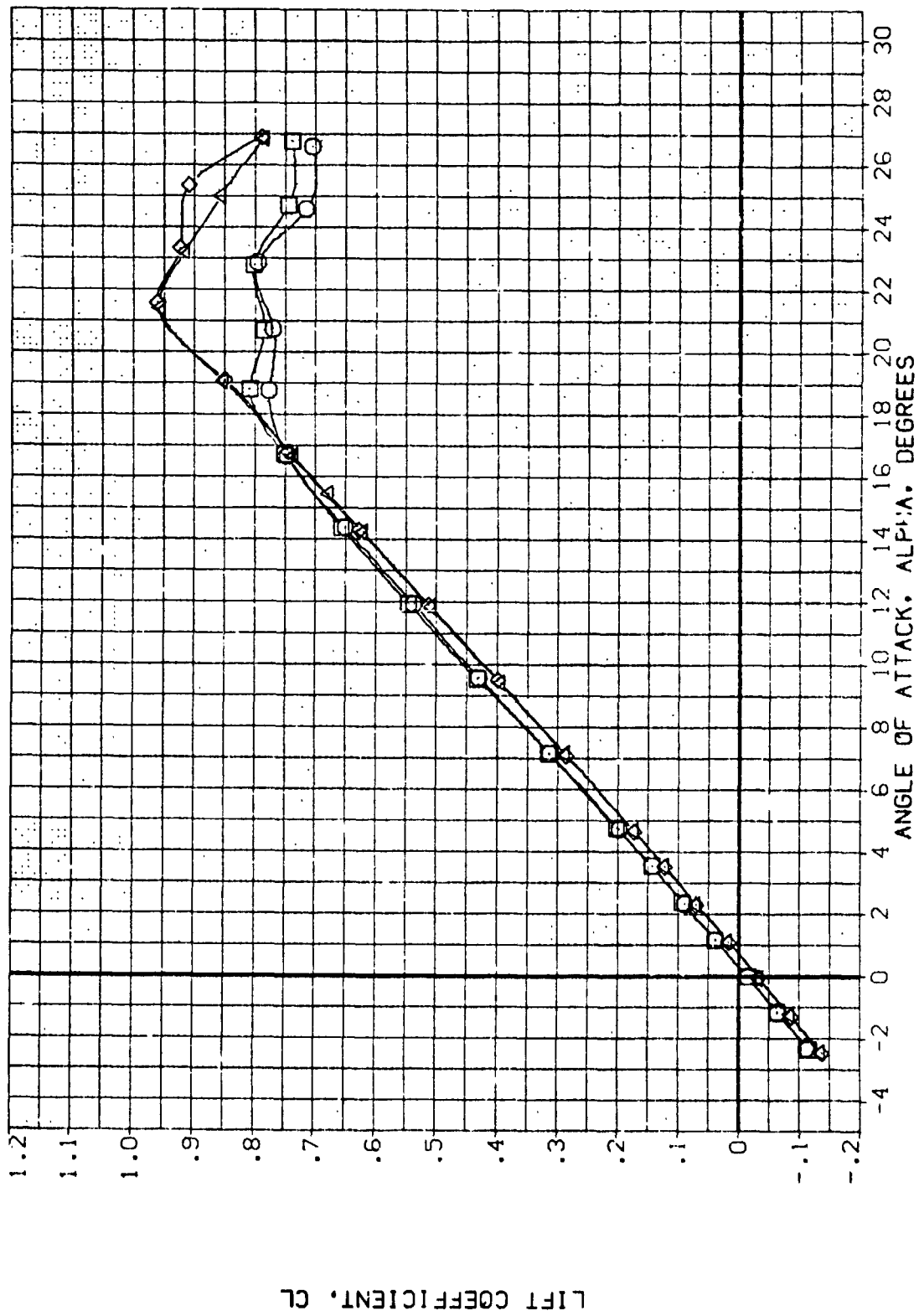


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESVP FILSWP T/C GRITND SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC001)	WING | 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC045)	WING | 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC036)	WING | 25-25-0012	AMES 12-086 (LA65)	25.000	25.000	.120	120.000
(PNC043)	WING | 25-25-0012	AMES 12-086 (LA65)	25.000	25.000	.120	120.000

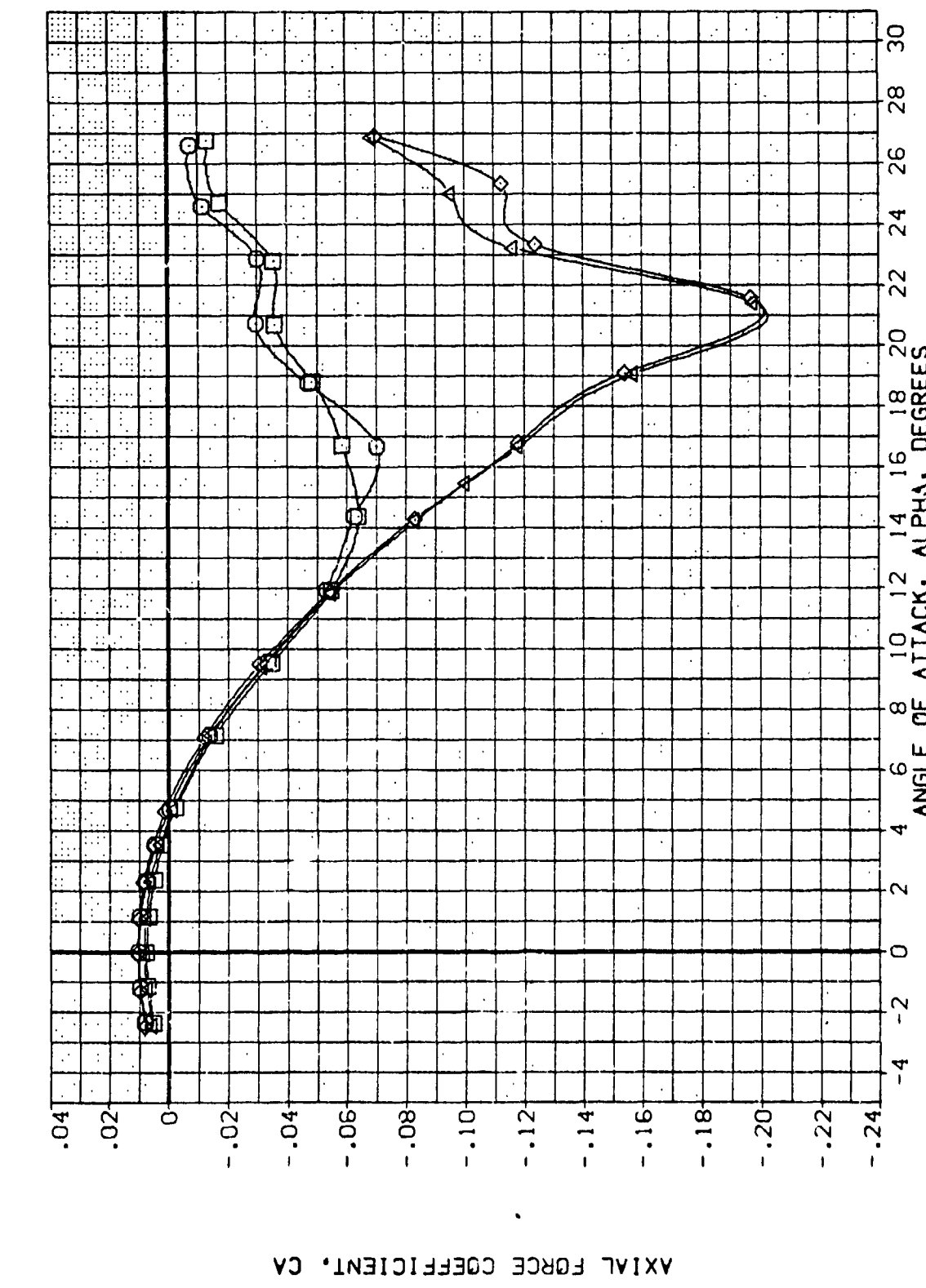


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)
 (A) RN/FT = 8.00 PAGE 9

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING I	25-25-0008
(PNC045)	WING I	25-25-0008
(PNC036)	WING I	25-25-0012
(PNC043)	WING I	25-25-0012

AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)

LESWP 25.000
 25.000
 25.000
 25.000

FILSWP 25.000
 25.000
 25.000
 25.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS.

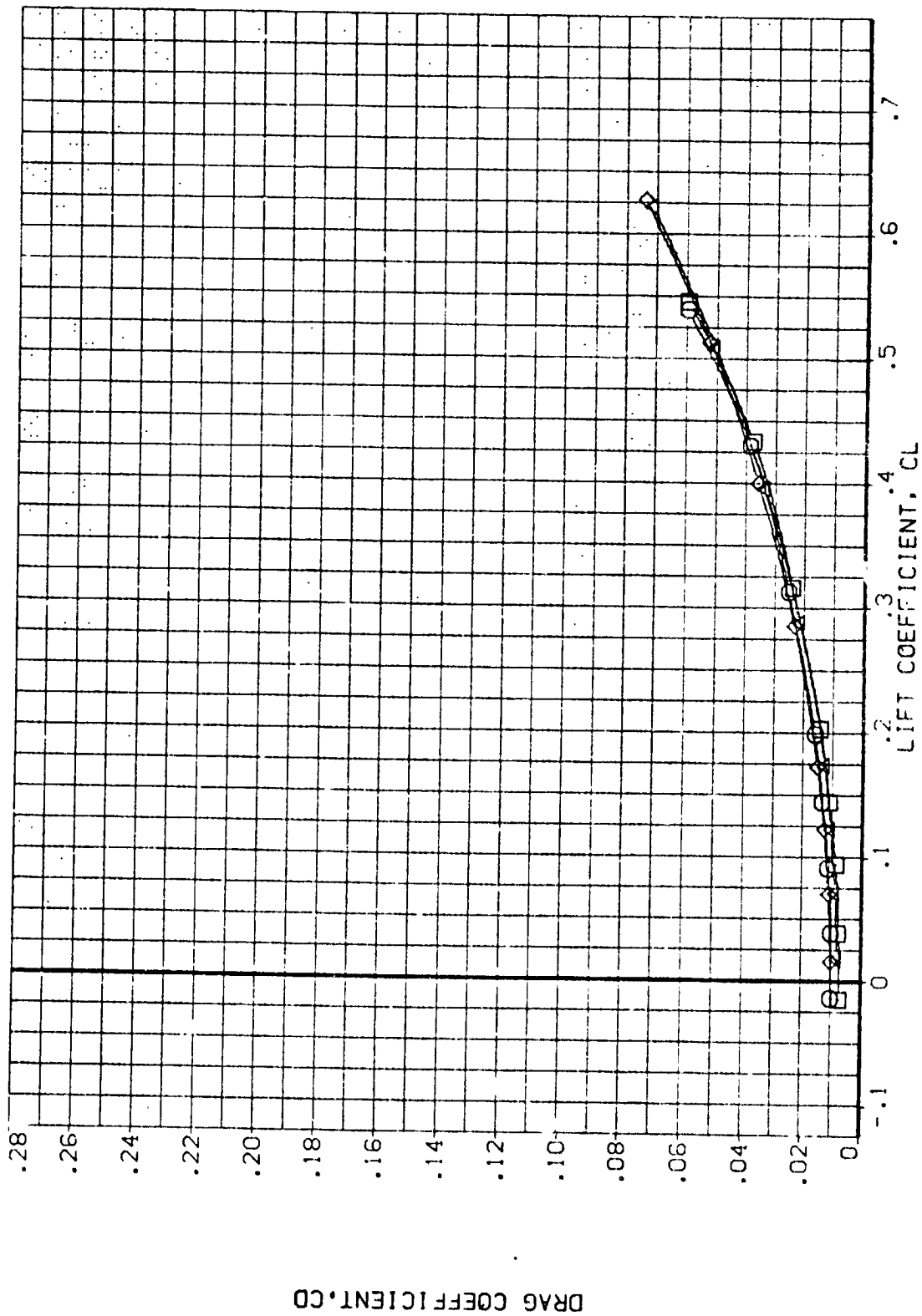


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)

(A)RN/FT = 8.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION /
 (PNC001) WING | 25-25-0008
 (PNC045) WING | 25-25-0008
 (PNC036) WING | 25-25-0012
 (PNC043) WING | 25-25-0012

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESVP 25.000
 25.000
 25.000
 25.000

FILSWP 25.000
 25.000
 25.000
 25.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
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 120.000
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SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

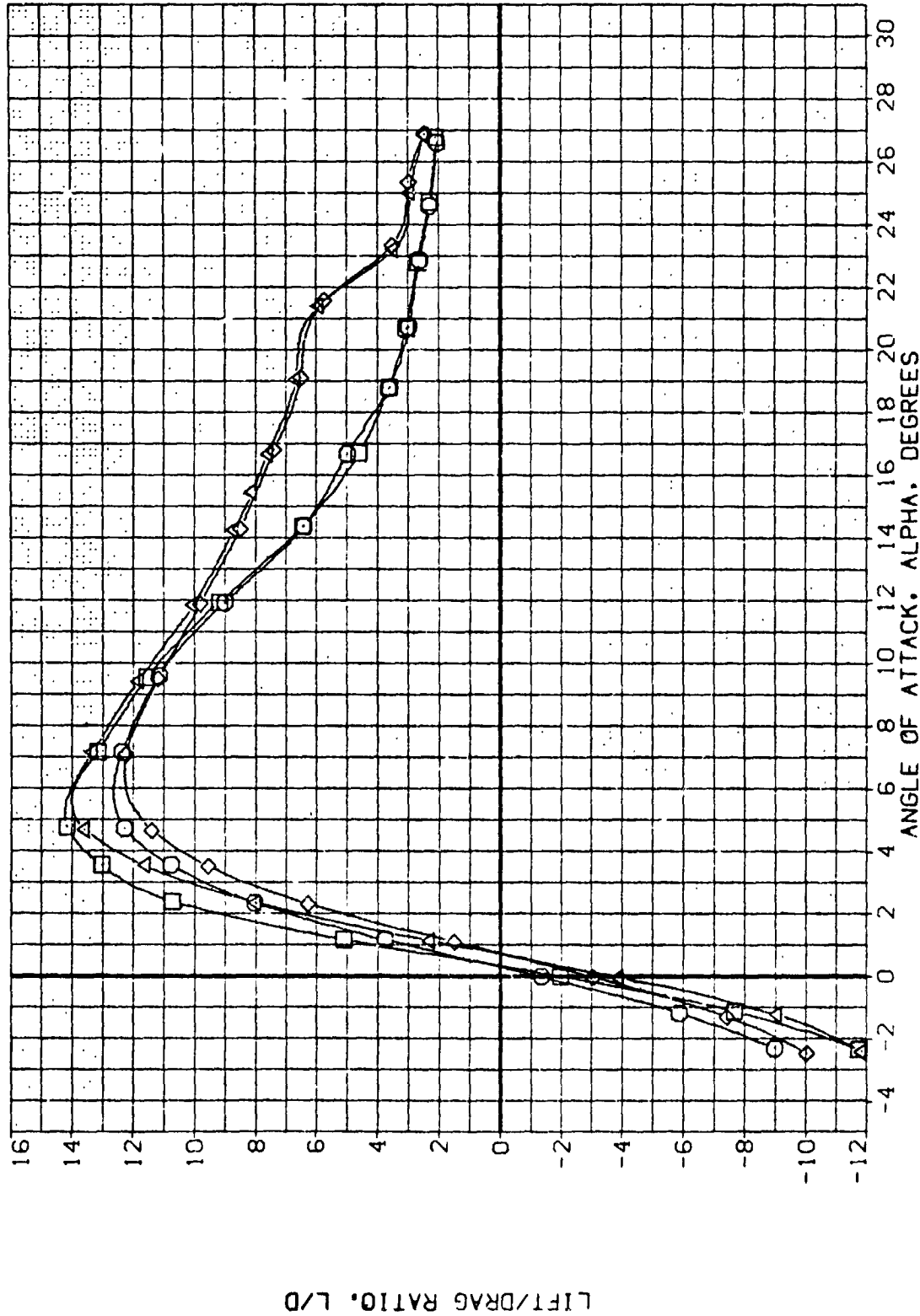


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)

DATA SET SYMBOL CONFIGURATION DESCRIPTION
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 (PNC045) WING I 25-25-0008
 (PNC036) WING I 25-25-0012
 (PNC043) WING I 25-25-0012

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 LESWP 25.000
 25.000
 25.000
 25.000
 FILSWP 25.000
 25.000
 25.000
 25.000
 T/C .080
 .080
 .120
 .120
 GRITNO 120.000
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 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

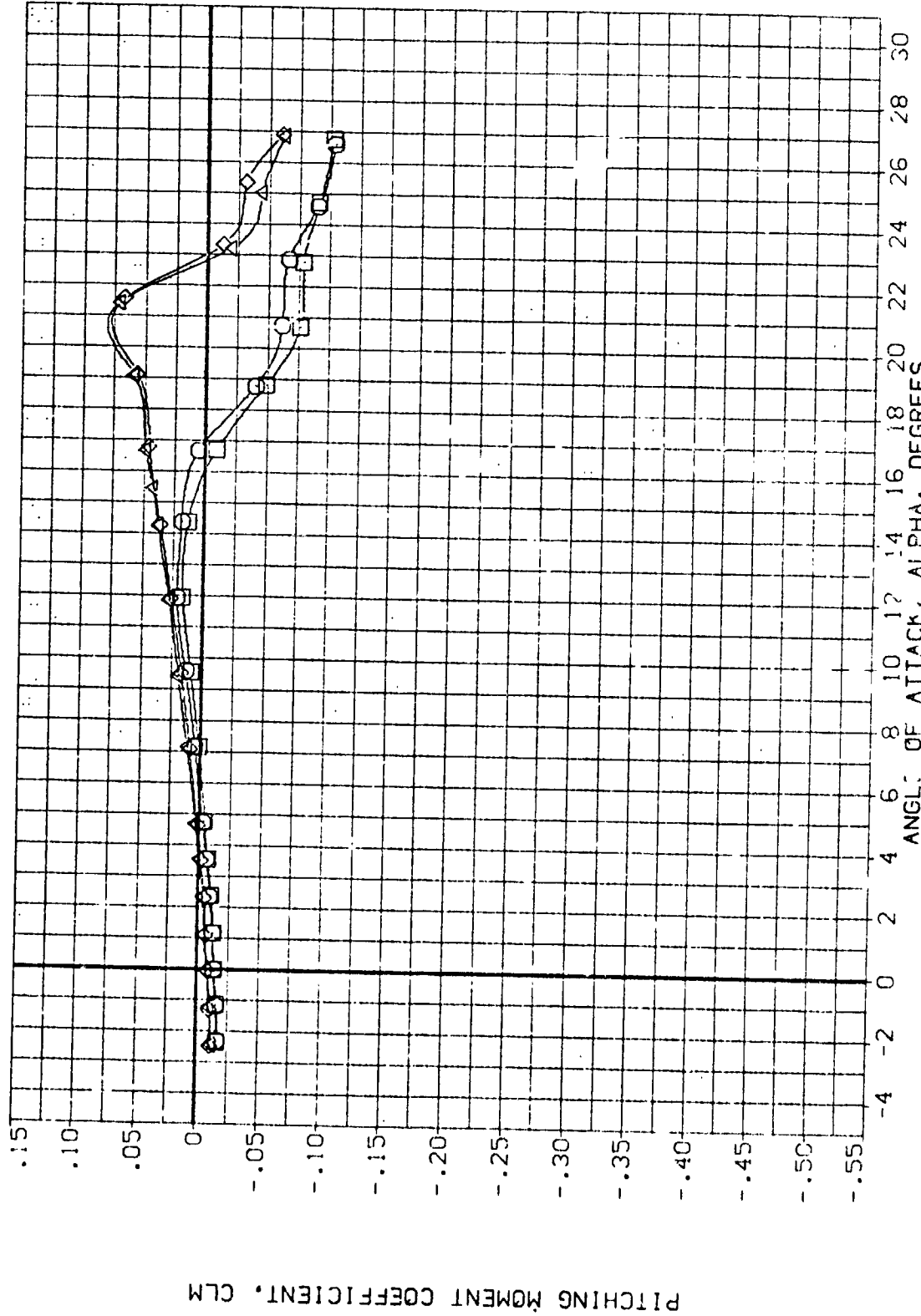


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)
 (A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION LESWP FILLSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESWP	FILLSWP	T/C	GRITNO
(PNC001)	WING I 25-25-0008	25.000	25.000	.080	120.000
(PNC045)	WING I 25-25-0008	25.000	25.000	.080	120.000
(PNC036)	WING I 25-25-0012	25.000	25.000	.120	120.000
(PNC045)	WING I 25-25-0012	25.000	25.000	.120	120.000

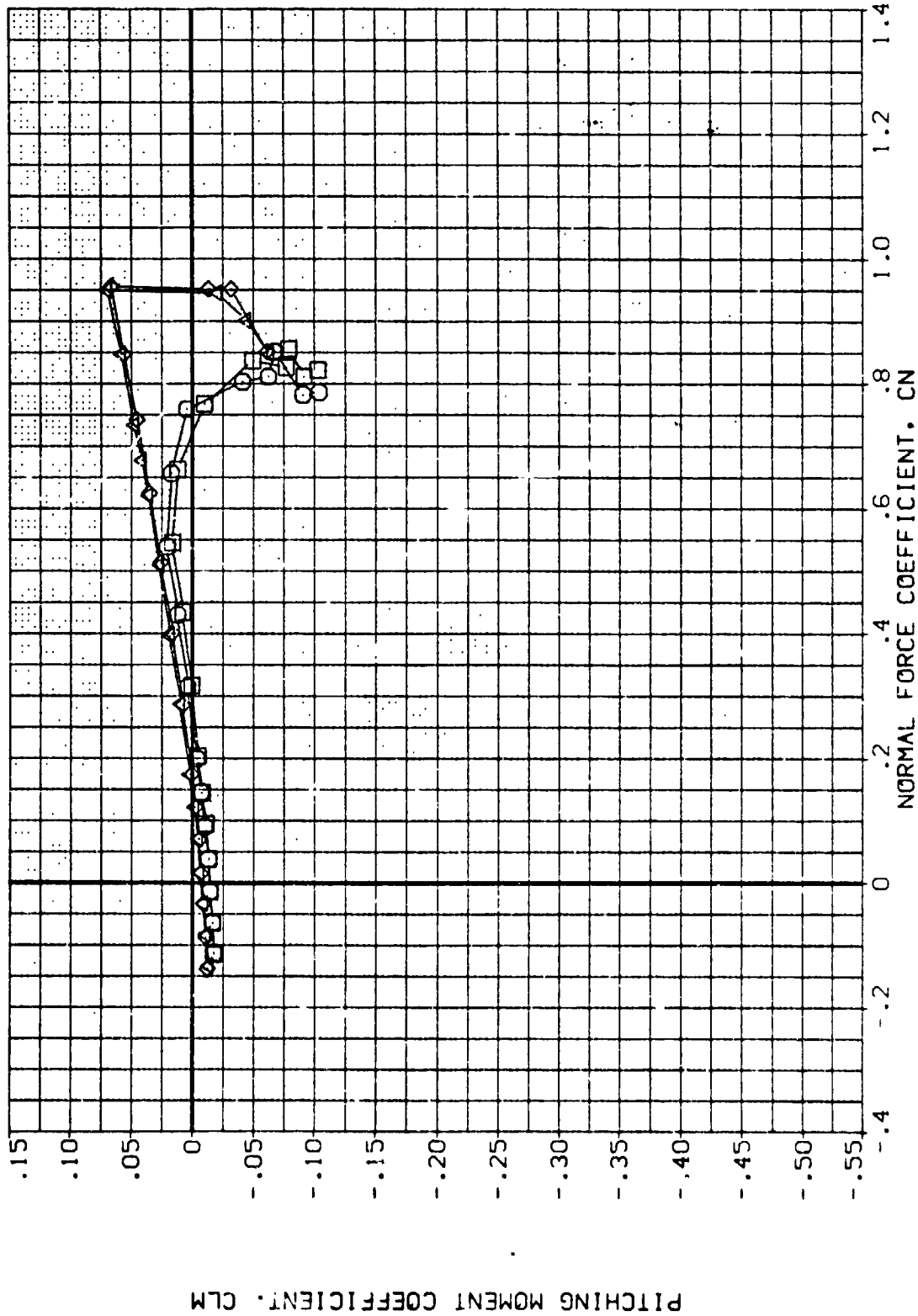


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING I (FILLET OFF)

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITND SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC001)	WING | 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC045)	WING | 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC036)	WING | 25-25-0012	AMES 12-086 (LA65)	25.000	25.000	.120	120.000
(PNC043)	WING | 25-25-0012	AMES 12-086 (LA65)	25.000	25.000	.120	120.000

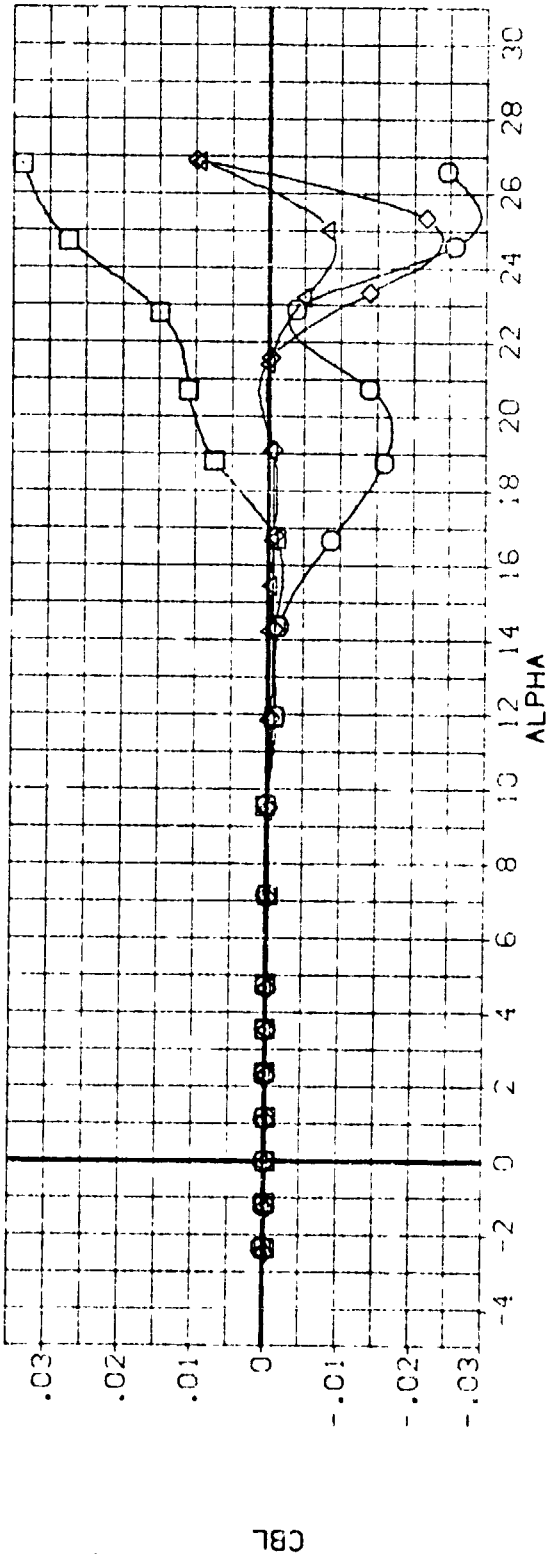
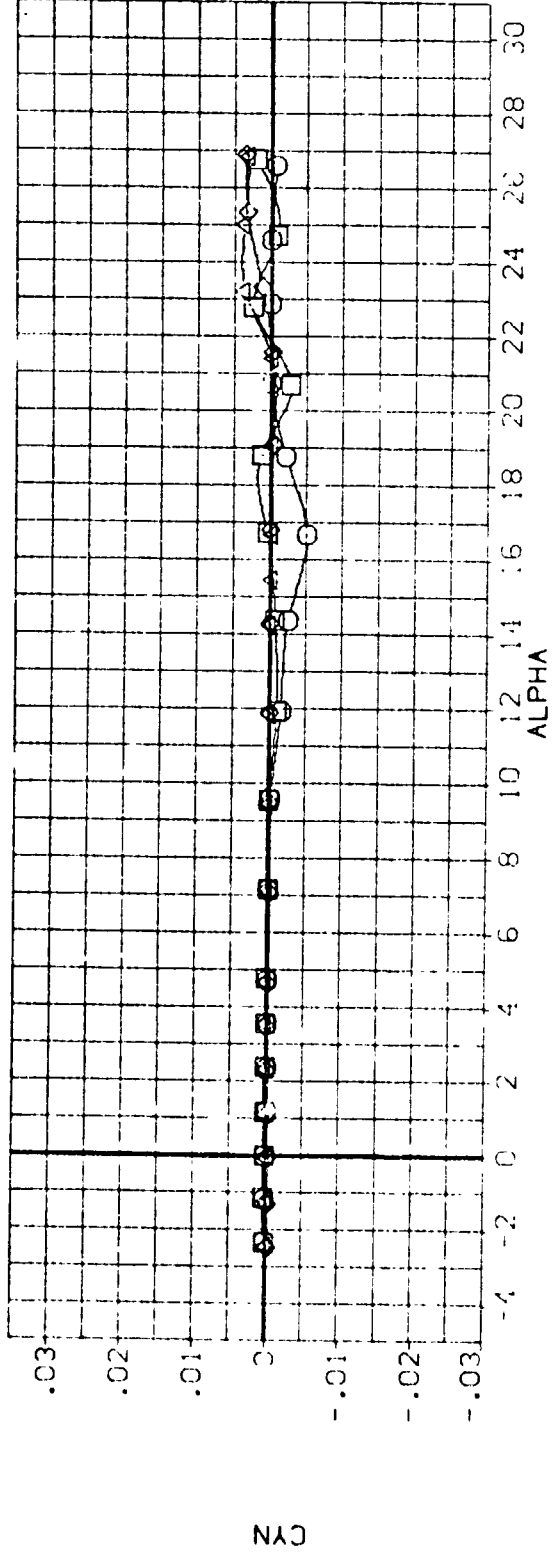


FIGURE 5. EFFECT OF WING THICKNESS AND TRANSITION STRIPS ON WING (FILLET OFF)
 (A)RN/FT = 8.00 PAGE 14

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC002) WING I 25-80-0008

(PNC046) WING I 25-80-0008

(PNC037) WING I 25-80-0012

(PNC044) WING I 25-80-0012

AMES 12-086 (LAGS)

AMES 12-086 (LAGS)

AMES 12-086 (LAGS)

LESWP 25.000

LESWP 25.000

LESWP 25.000

FILSWP 80.000

FILSWP 80.000

FILSWP 80.000

T/C .080

T/C .080

T/C .120

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

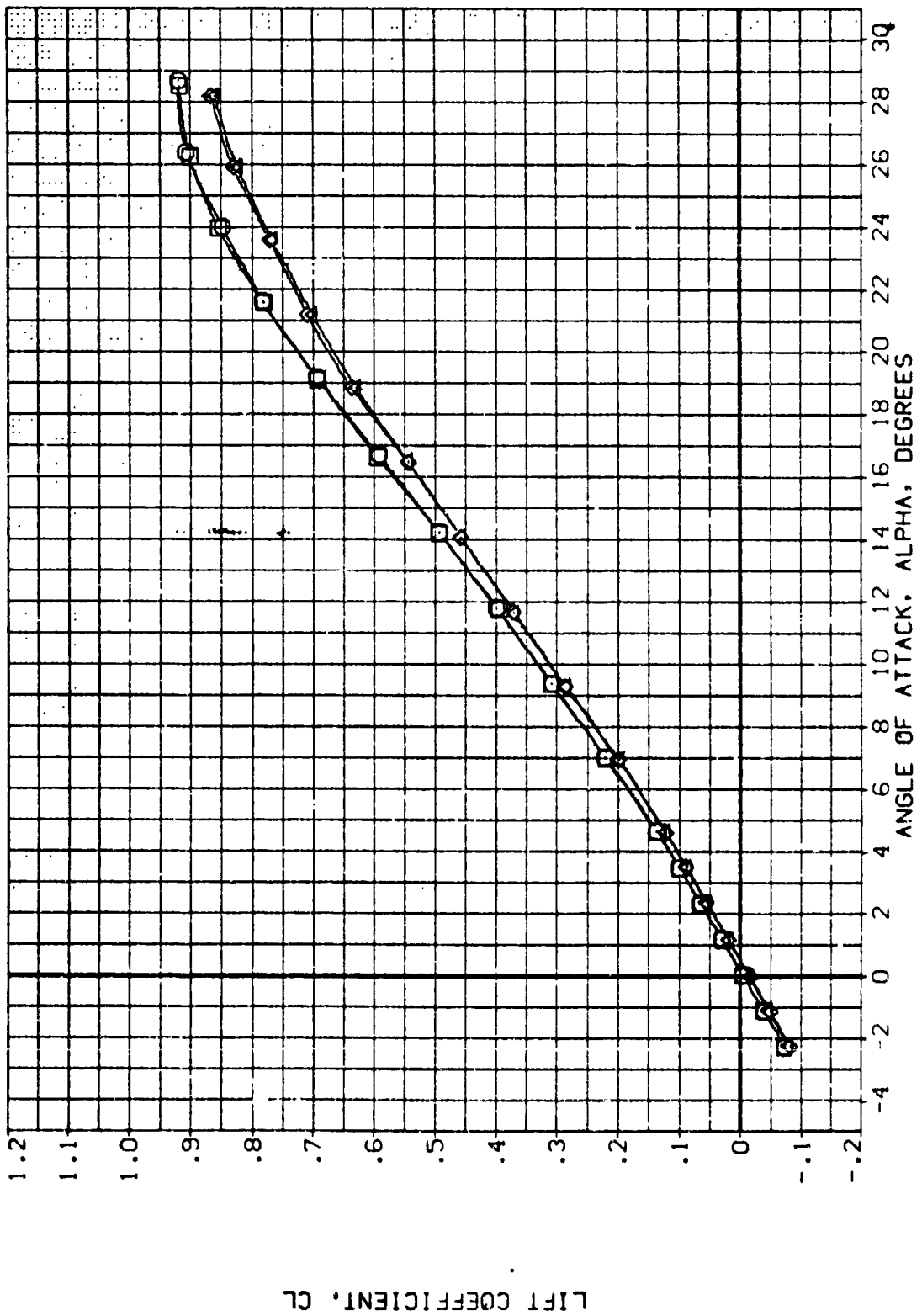


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION LESWP FILSWP T/C GRITNG SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC002)	WING | 25-80-0008	25.000	80.000	.080	120.000	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC046)	WING | 25-80-0008	25.000	80.000	.080	120.000	
(PNC037)	WING | 25-80-0012	25.000	80.000	.120	120.000	
(PNC044)	WING | 25-80-0012	25.000	80.000	.120	120.000	

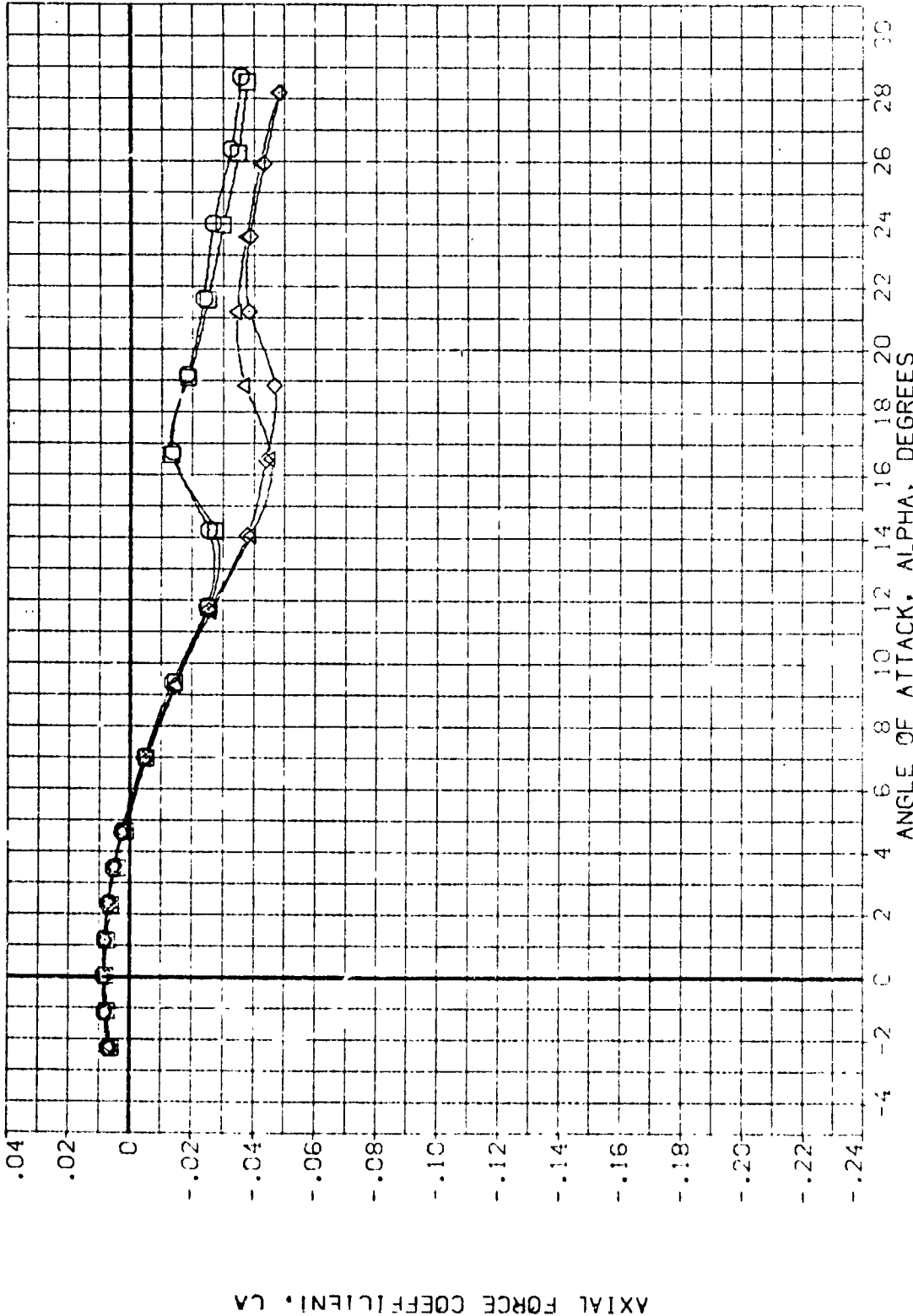


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON)

(A) RV/FT = 8.00

PAGE 16

DATA SET SYMBO: CONFIGURATION DESCRIPTION
 (PNC002) WING | 25-80-0008
 (PNC046) WING | 25-80-0008
 (PNC037) WING | 25-80-0012
 (PNC044) WING | 25-80-0012

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESVP 25.000
 25.000
 25.000
 25.000

FILSVP 80.000
 80.000
 80.000
 80.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
 .000
 120.000
 .000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

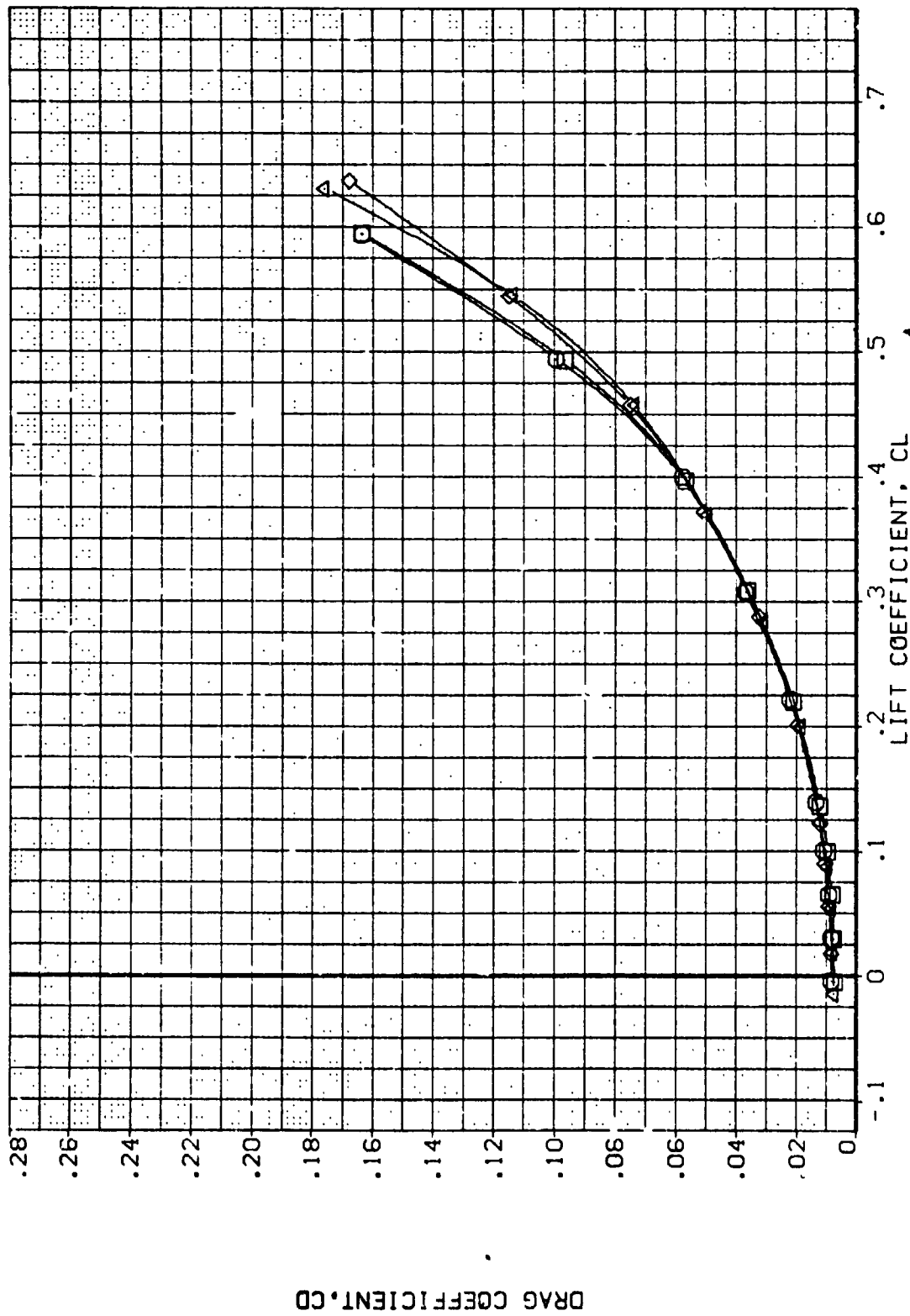


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET 3N)
 (A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNG SEC THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC002)	WING I 25-80-0008	AMES 12-086 (LA65)	25.000	60.000	.080	120.000
(PNC046)	WING I 25-80-0008	AMES 12-086 (LA65)	25.000	80.000	.080	.000
(PNC037)	WING I 25-80-0012	AMES 12-086 (LA65)	25.000	80.000	.120	120.000
(PNC044)	WING I 25-80-0012	AMES 12-086 (LA65)	25.000	80.000	.120	.000

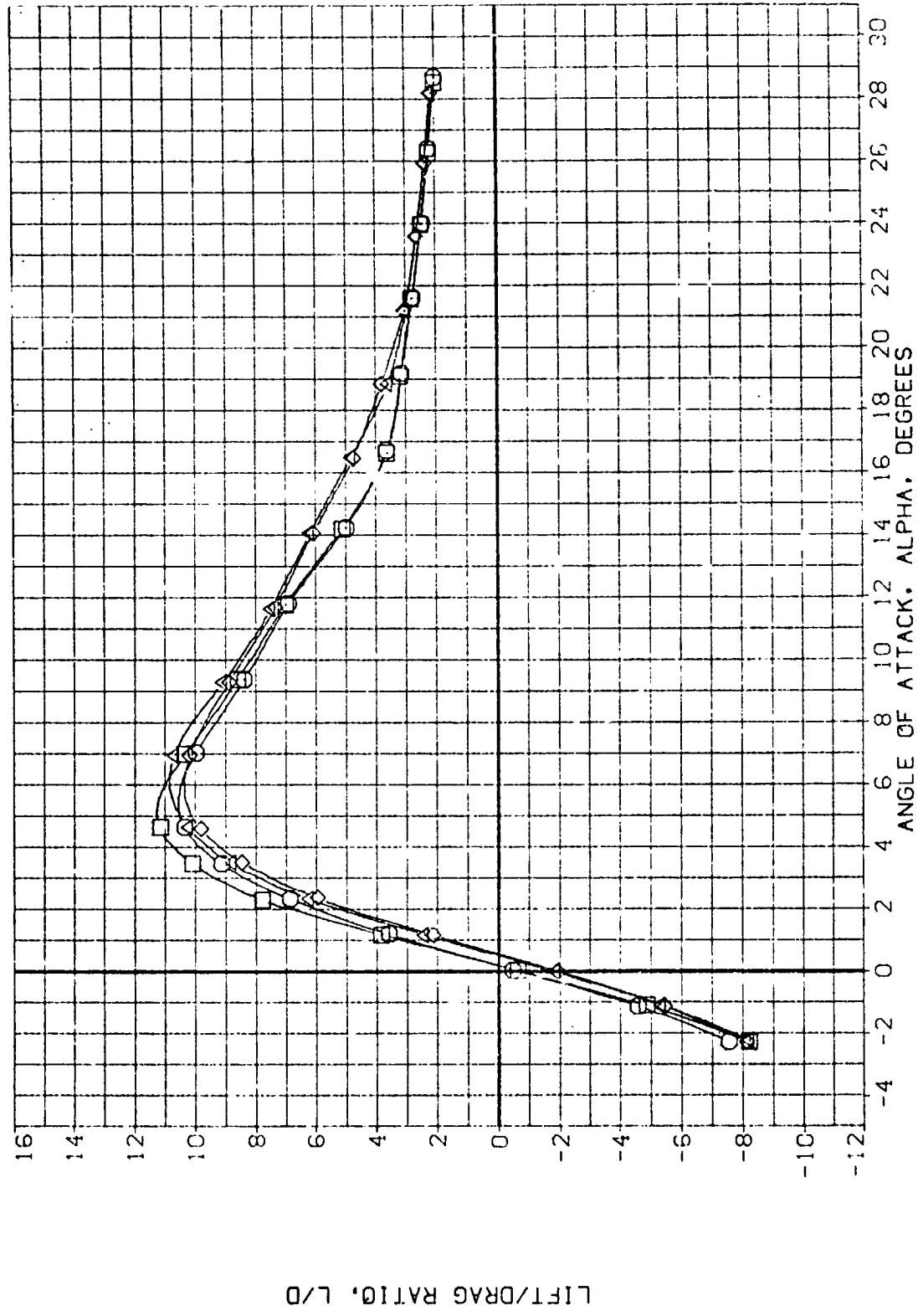


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON) (A)RN/FT = 8.00 PAGE 18

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC002) WING | 25-80-0008
 (PNC046) WING | 25-80-0008
 (PNC037) WING | 25-80-0012
 (PNC044) WING | 25-80-0012

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 25.000
 25.000
 25.000
 25.000

FILSWP 80.000
 80.000
 80.000
 80.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

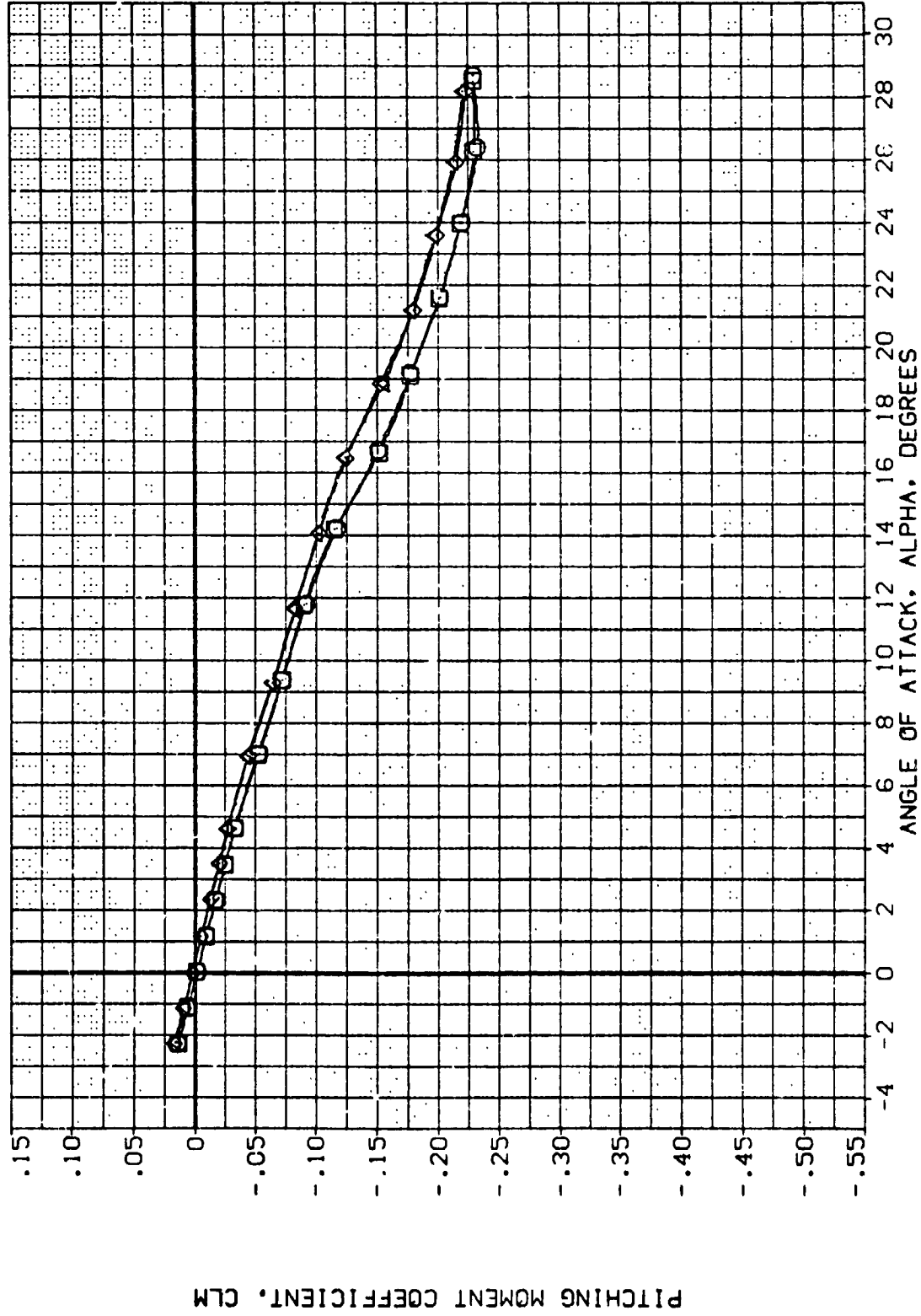


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC002) WING I 25-80-0008
 (PNC046) WING I 25-80-0008
 (PNC037) WING I 25-80-0012
 (PNC044) WING I 25-80-0012

AMES 12-086 (L85)
 AMES 12-086 (L85)
 AMES 12-086 (L85)
 AMES 12-086 (L85)

LESWP 25.000
 25.000
 25.000
 25.000

FILSWP 80.000
 80.000
 80.000
 80.000

T/C .080
 .080
 .120
 .120

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

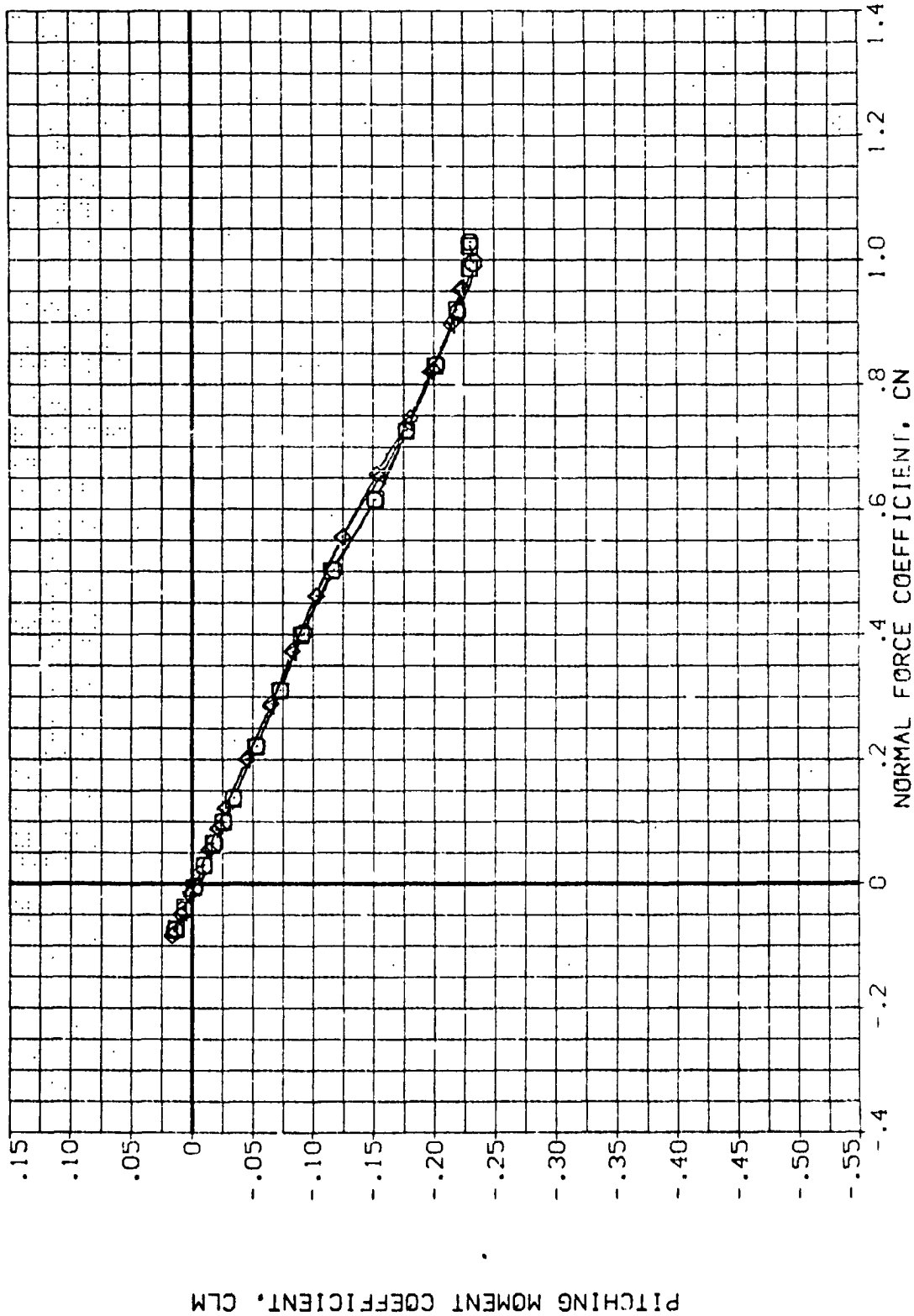


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON)
 (AJRN/FT = 8.00) PAGE 20

DATA SET SYMBOL CONFIGURATION DESCRIPTION LESWP FILSWP T/C GRITNG SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC002)	WING I 25-80-0008	25.000	80.000	.080	120.000
(PNC046)	WING I 25-80-0008	25.000	80.000	.080	120.000
(PNC037)	WING I 25-80-0012	25.000	80.000	.120	120.000
(PNC044)	WING I 25-80-0012	25.000	80.000	.120	120.000

AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)

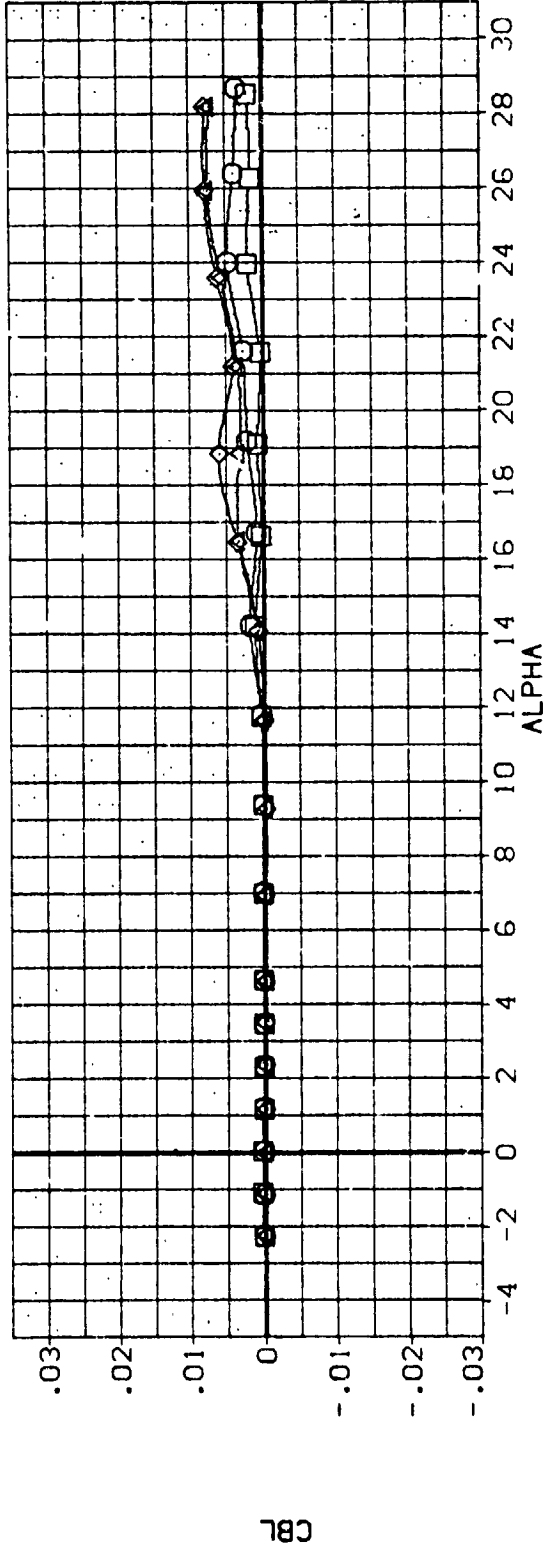
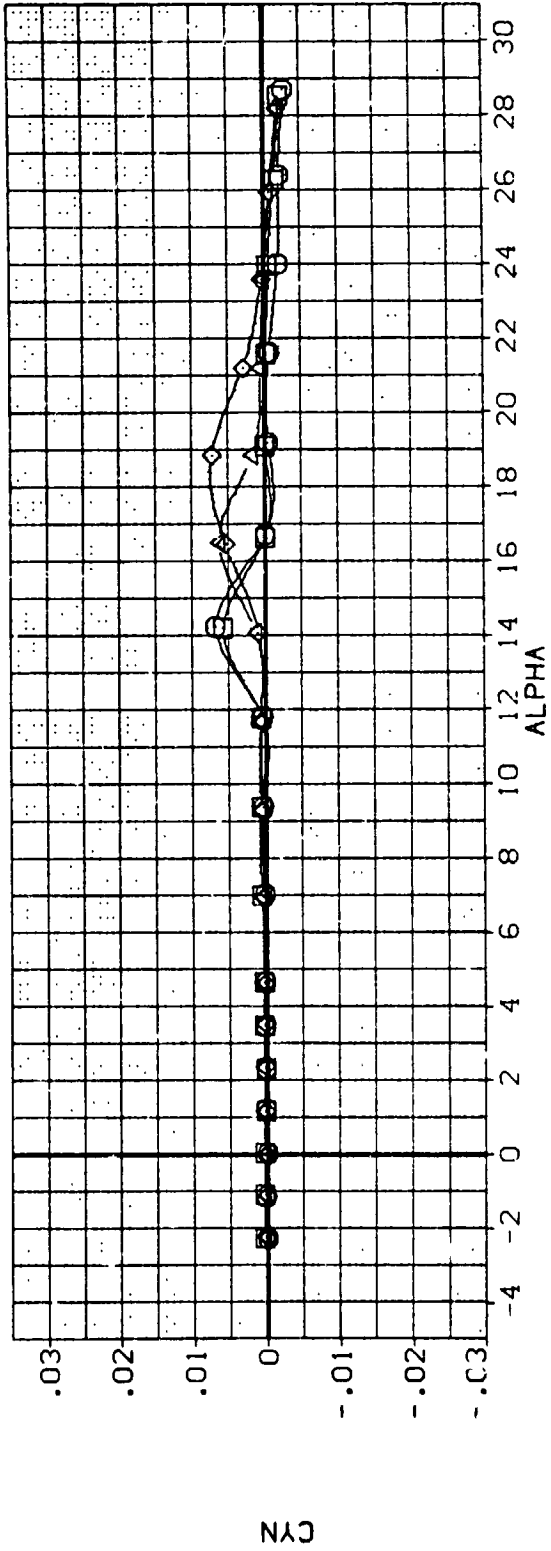


FIGURE 6. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (80DEG FILLET ON)
(A)RN/FT = 8.00 PAGE 21

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC006) WING I 25-60-0008
 (PNC038) WING I 25-60-0012

AHES 12-086 (LA65)
 AHES 12-086 (LA65)

LESMP 25.000 60.000
 25.000 60.000
 FILSMP 60.000 60.000
 T/C .080 .120
 GRITNO 120.000 120.000

SEE THE ASSOCIATED L.A. DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

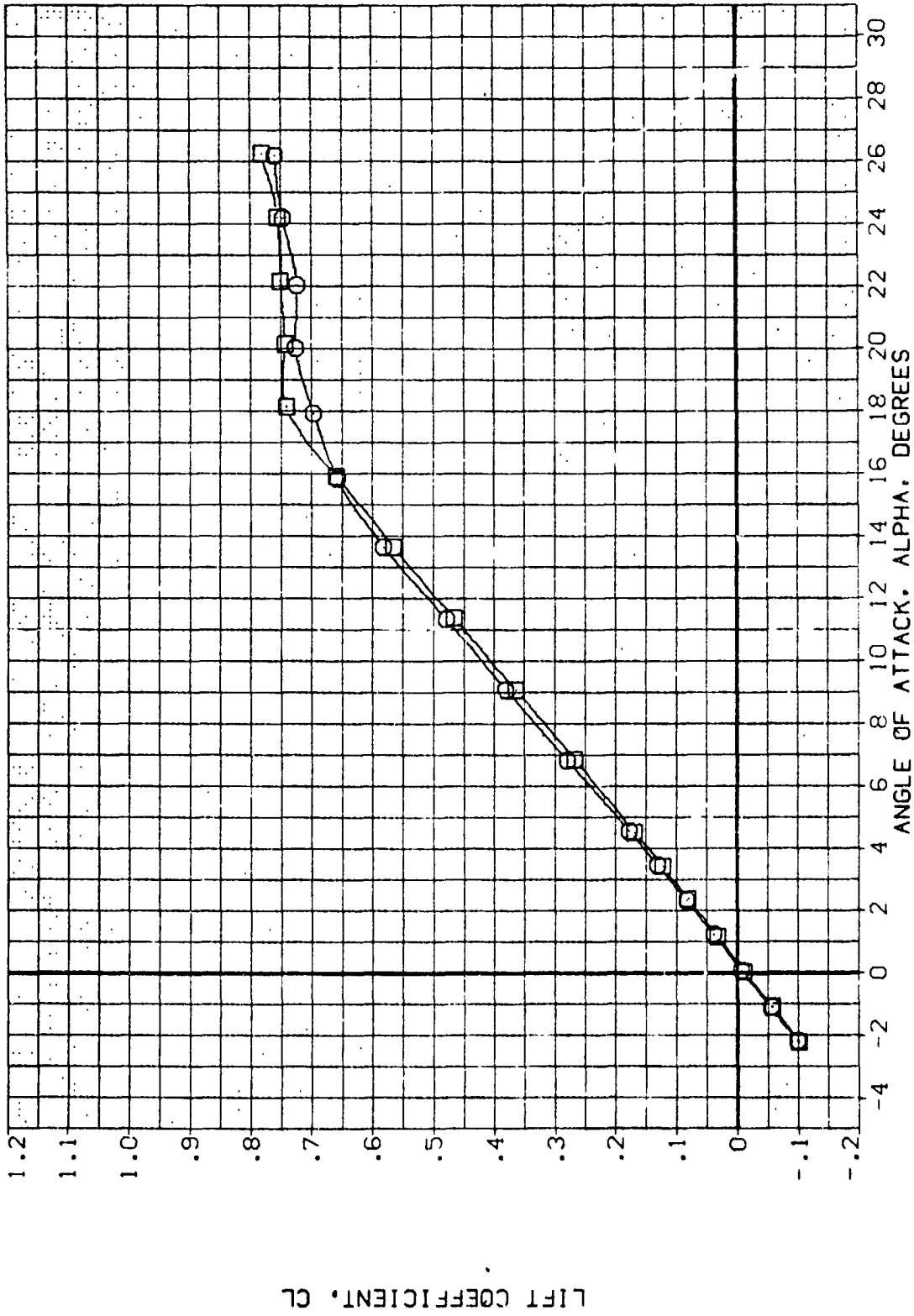


FIGURE 7. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (60DEG FILLET ON)

(AJRN/FT = 8.00

PAGE 22

DATA SET SYMBOL (PNC006) (PNC038) CONFIGURATION DESCRIPTION WING I 25-60-0008 WING I 25-60-0012 AMES 12-086 (LAB5) AMES 12-086 (LAB5) LESWP 25.000 25.000 FILSWP 60.000 60.000 T/C .080 .120 GRITNO 120.000 120.000 SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

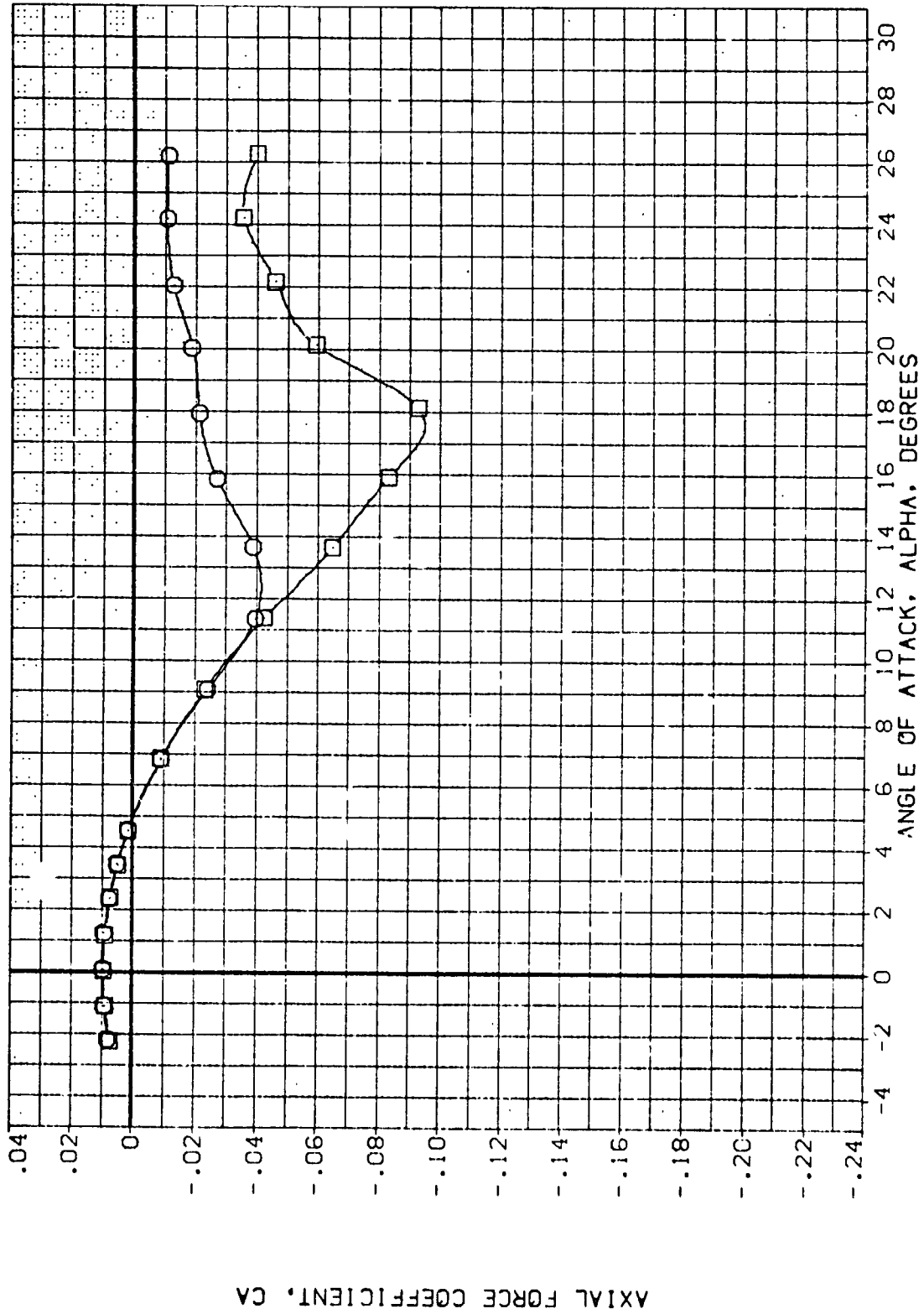


FIGURE 7. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (60DEG FILLET ON)

CA0RV/ET = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC006) WING 1 25-60-0008 25.000 60.000 .080 120.000

(PNC038) WING 1 25-60-0012 25.000 60.000 .120 120.000

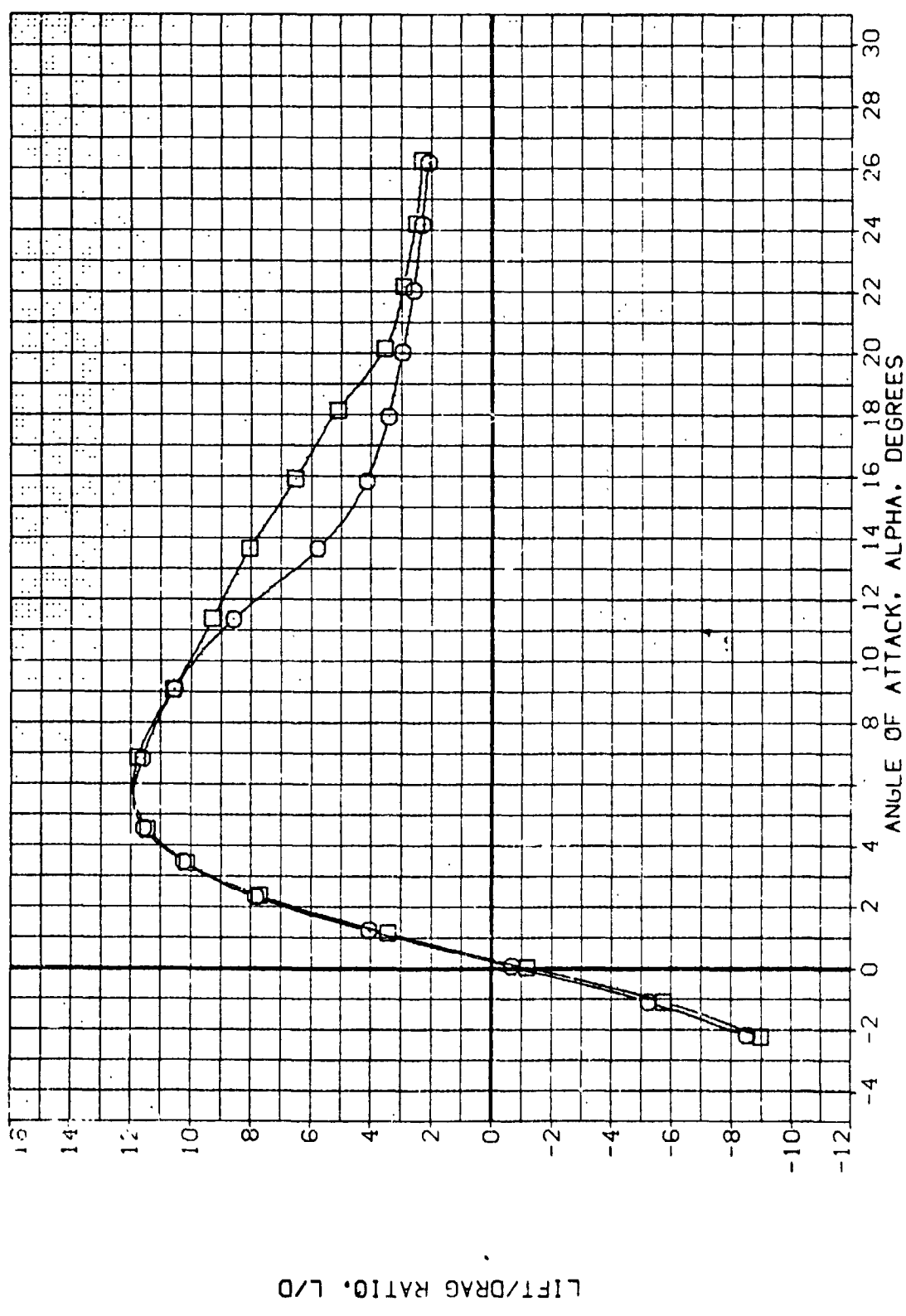


FIGURE 7. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I(60DEG FILLET ON)

(A)RN/FT = 8.00

PAGE 25

DATA SET SYMBOL (PNC006) (PNC038) WING I WING I
 CONFIGURATION DESCRIPTION 25-60-0008 25-60-0012
 ANES 12-086 (LA65) ANES 12-086 (LA65)

LESWP F1-SWP T/C
 25.000 60.000 .080
 25.000 60.000 .120

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

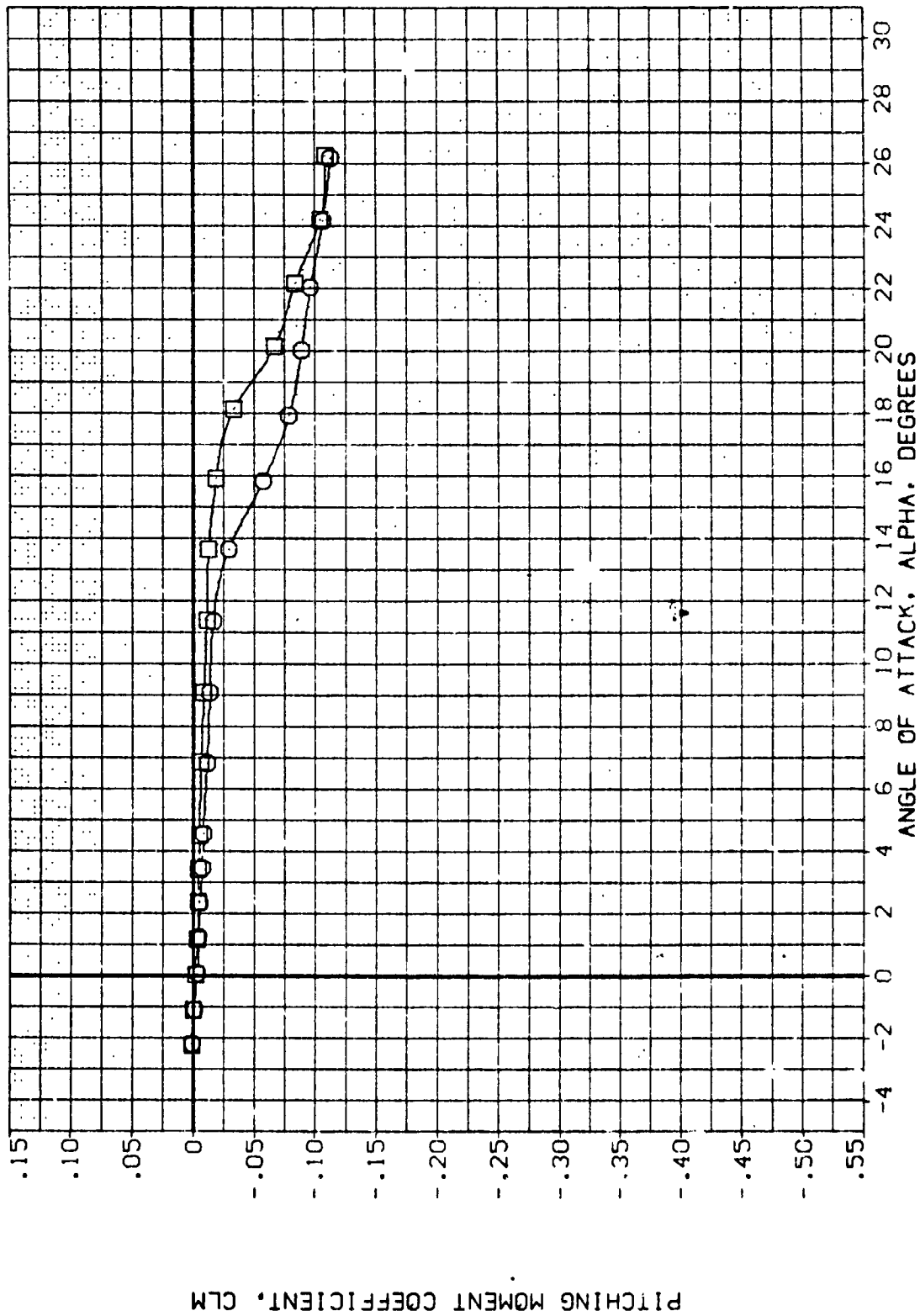


FIGURE 7. EFFECT OF WING THICKNESS A.D TRANS. STRIPS ON WING I (60DEG FILLET ON)
 (A)RN/FT = 8.00 PAGE 26

DATA SET SYMBOL (PNC006) (PNC038)

CONFIGURATION DESCRIPTION WING | WING |

LESVP 25.000 25.000
 FILSWP 60.000 60.000
 T/C .080 .120
 GRITNO 120.000 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

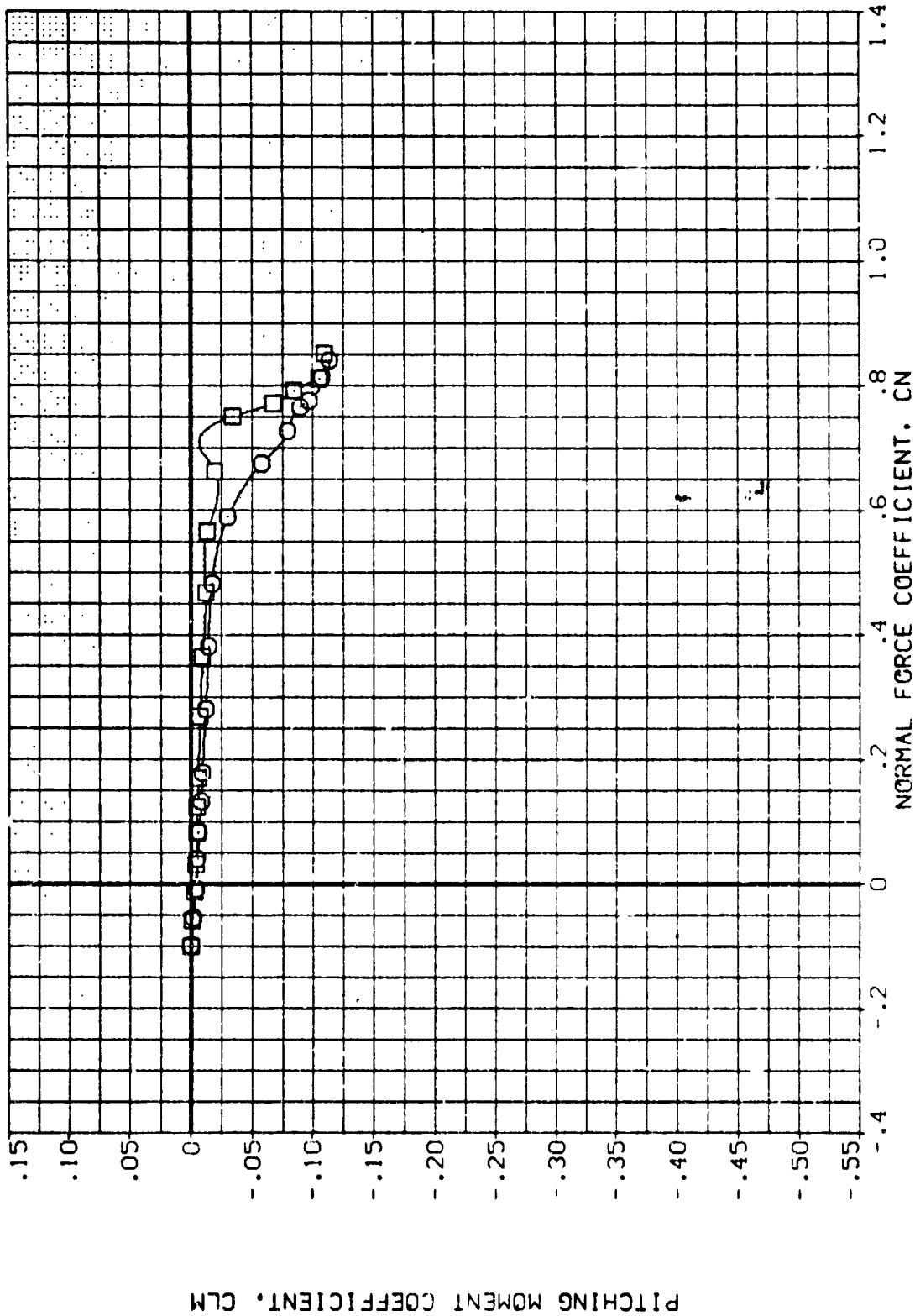


FIGURE 7. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING I (60DEG FILLET ON)

DATA SET SYMBOL (PNC006)
 (PNC038)

CONFIGURATION DESCRIPTION
 WING I 25-60-0008
 WING I 25-60-0012

LESWP 25.000
 25.000

FILSWP 60.000
 60.000

T/C .080
 .120

GRITNO 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

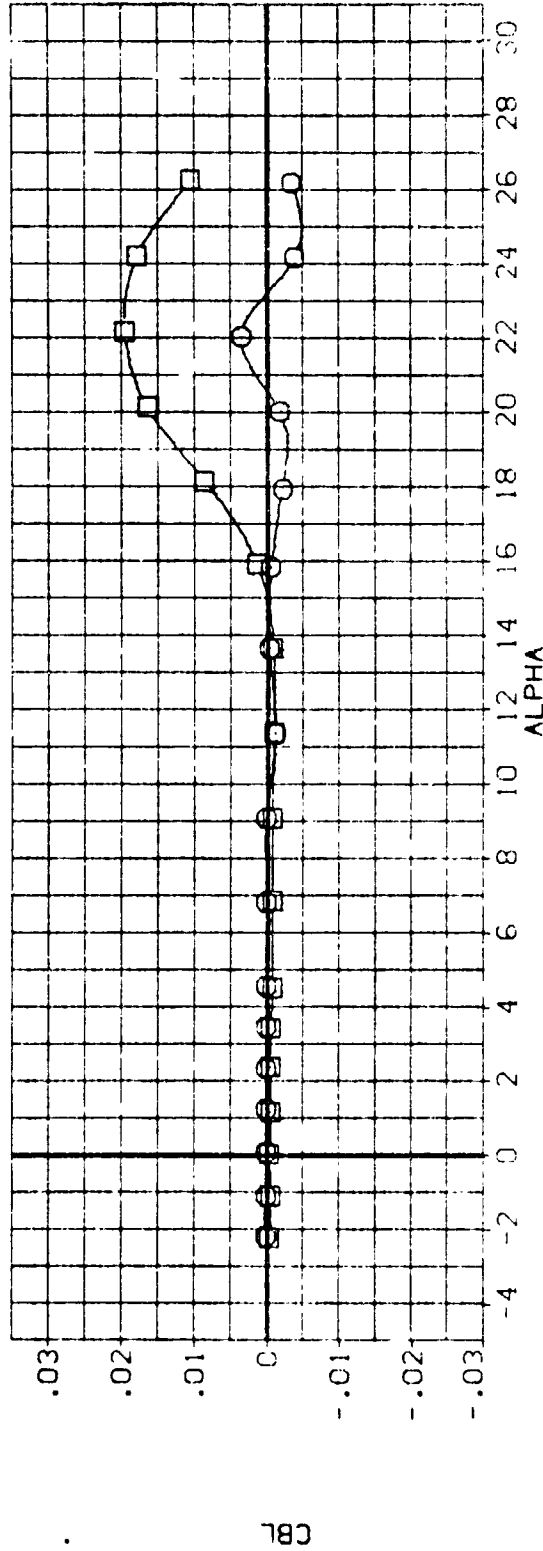
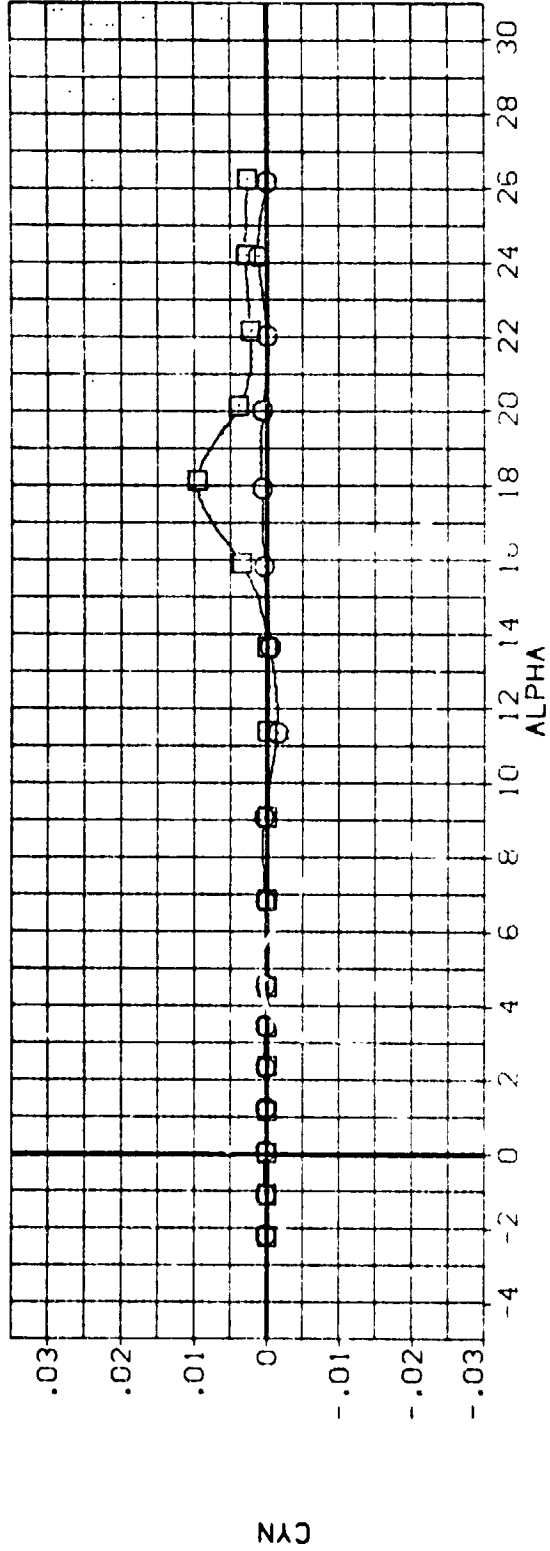


FIGURE 7. EFFECT OF WING THICKNESS AND TRANS. STRIPS ON WING 1 (60DEG FILLET (N))

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LAGS)	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FROM INDIVIDUAL DATASET.
(PNC010)	WING II 35-35-DC-2	35.000	35.000	.080	120.000		
(PNC039)	WING II 35-35-WEDGE	35.000	35.000	.000	120.000		
(PNC011)	WING II 35-80-C-28	35.000	80.000	.080	120.000		
(PNC040)	WING II 35-80-WEDGE	35.000	80.000	.000	120.000		

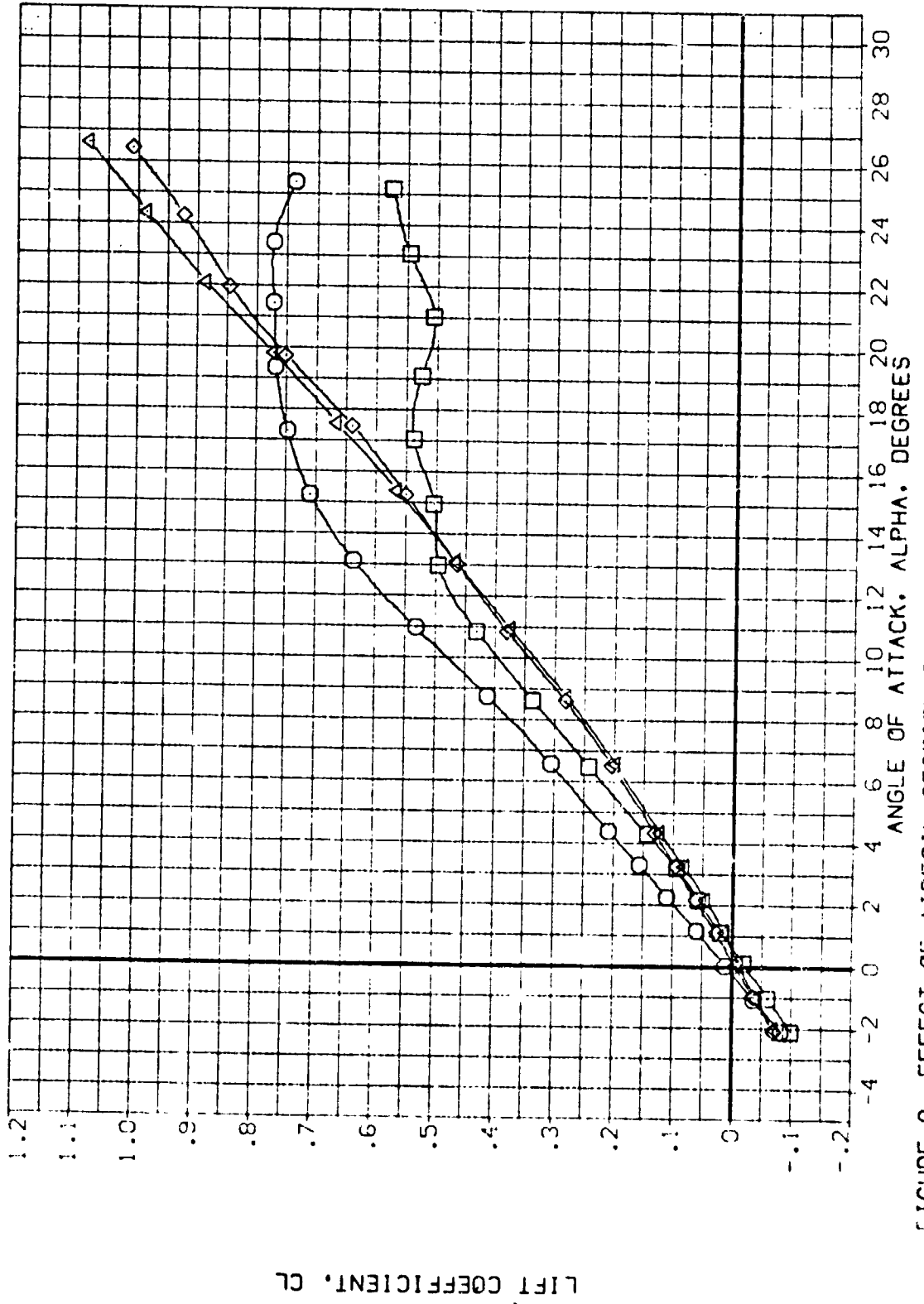


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING II 35-35-0008
 (PNC039) WING II 35-35-WEDGE
 (PNC011) WING II 35-E-0008
 (PNC040) WING II 35-80-WEDGE

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 35.000
 35.000
 35.000
 35.000

FILSWP 35.000
 35.000
 80.000
 80.000

T/C .080
 .000
 .080
 .000

GRITNO 120.000
 120.000
 120.000
 20.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

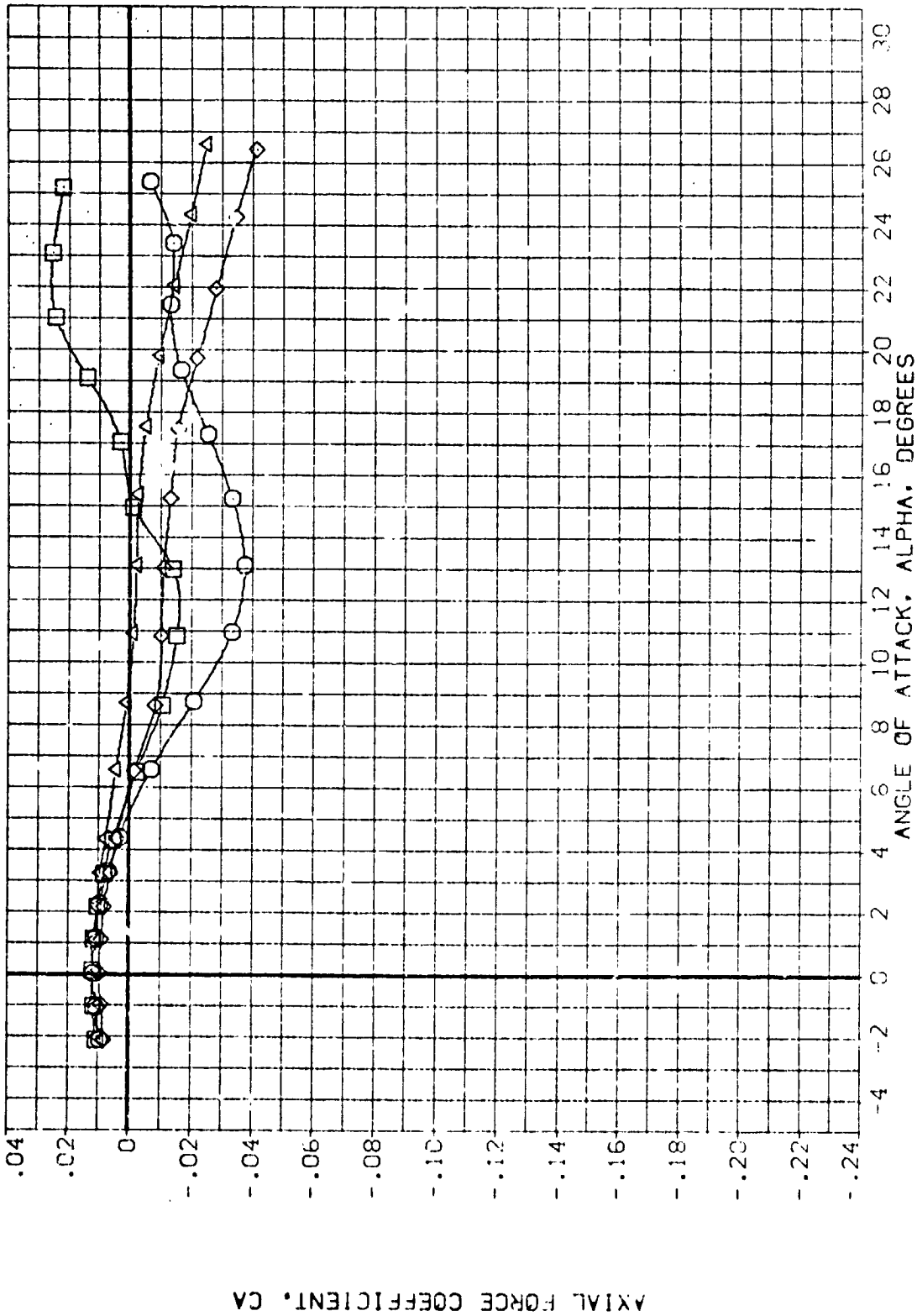


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

CARDNET = 4.00

DATA S: SYMBOL: CONFIGURATION DESCRIPTION
 (PNC01) WING II 35-35-WEDGE
 (PNC03) WING II 35-35-WEDGE
 (PNC01) WING II 35-80-WEDGE
 (PNC04) WING II 35-80-WEDGE

AMES 12-086 (LABS)
 AMES 12-086 (LABS)
 AMES 12-086 (LABS)
 AMES 12-086 (LABS)

LESC: 35.000
 35.000
 35.000
 35.000

FILSNP: 35.000
 35.000
 80.000
 80.000

T/C: .080
 .000
 .080
 .000

GRITNO: 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

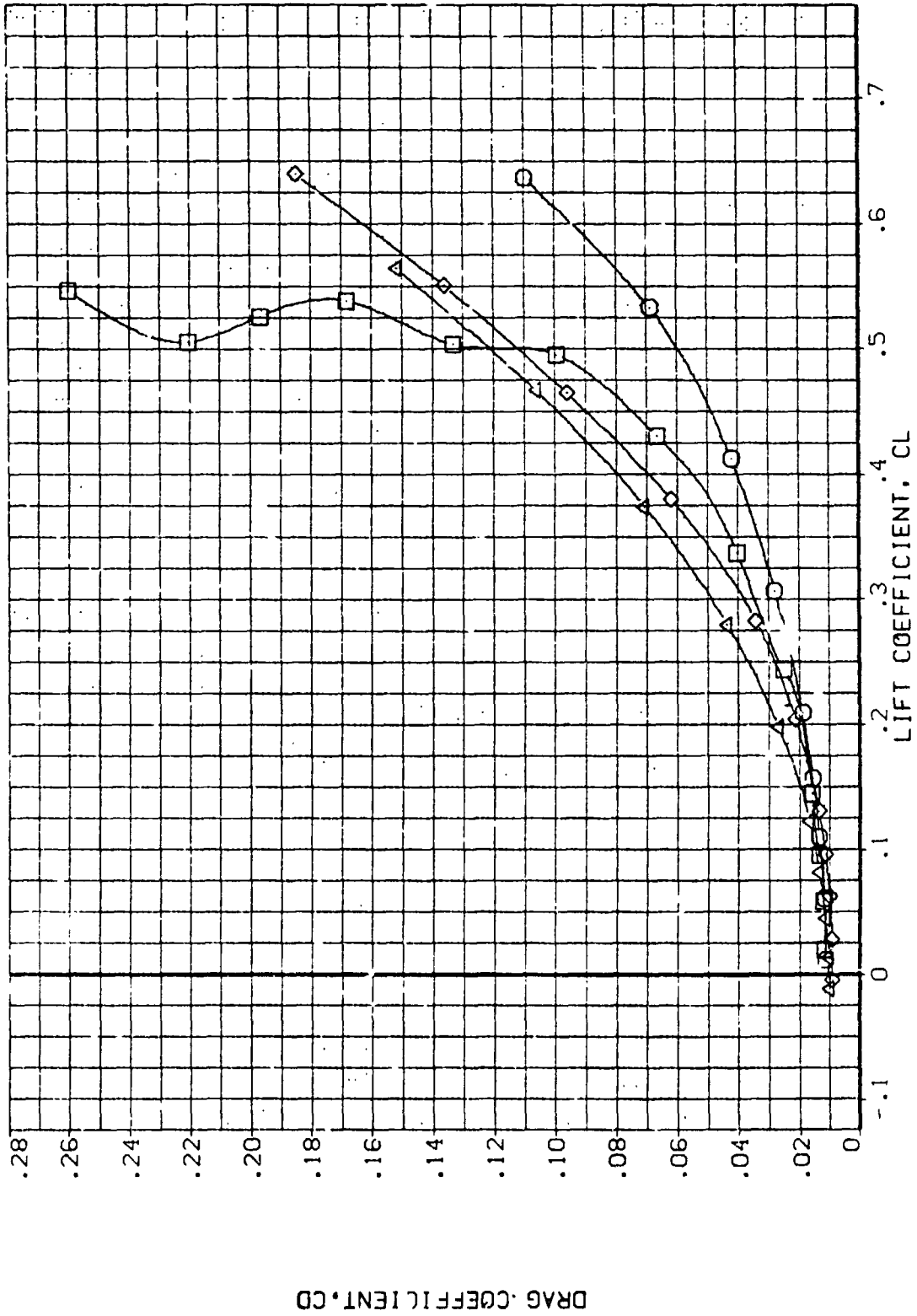


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

(M)RN/FT = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING II 35-35-0008
 (PNC039) WING II 35-35-WEDGE
 (PNC011) WING II 35-80-0008
 (PNC040) WING II 35-80-WEDGE

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATA SETS

LESWP FILSWP T/C GRITNO
 35.000 35.000 .080 120.000
 35.000 35.000 .000 120.000
 80.000 80.000 .080 120.000
 35.000 80.000 .000 120.000

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

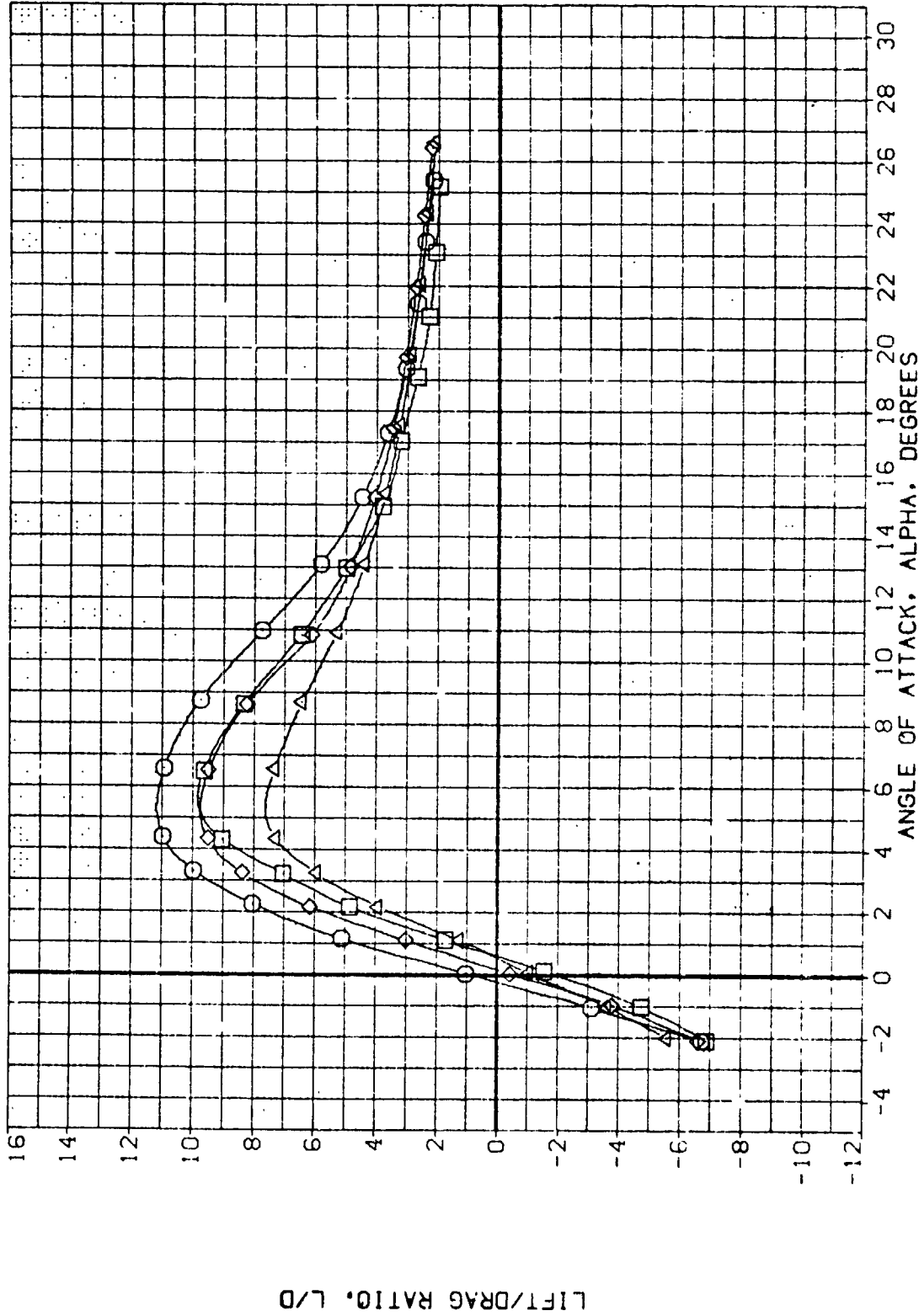


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

DATA SET SYMBOL: (PNC010) (PNC039) (PNC011) (PNC040)

CONFIGURATION DESCRIPTION: WING II 35-35-0008, WING II 35-35-WEDGE, WING II 35-80-0002, WING II 35-80-WEDGE

AMES 12-086 (LA65), AMES 12-086 (LA65), AMES 12-086 (LA65), AMES 12-086 (LA65)

LESVP: 35.000, 35.000, 35.000, 35.000

FILSWP: 35.000, 35.000, 80.000, 80.000

T/C: .080, .080, .080, .080

GRITND: 120.000, 120.000, 120.000, 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

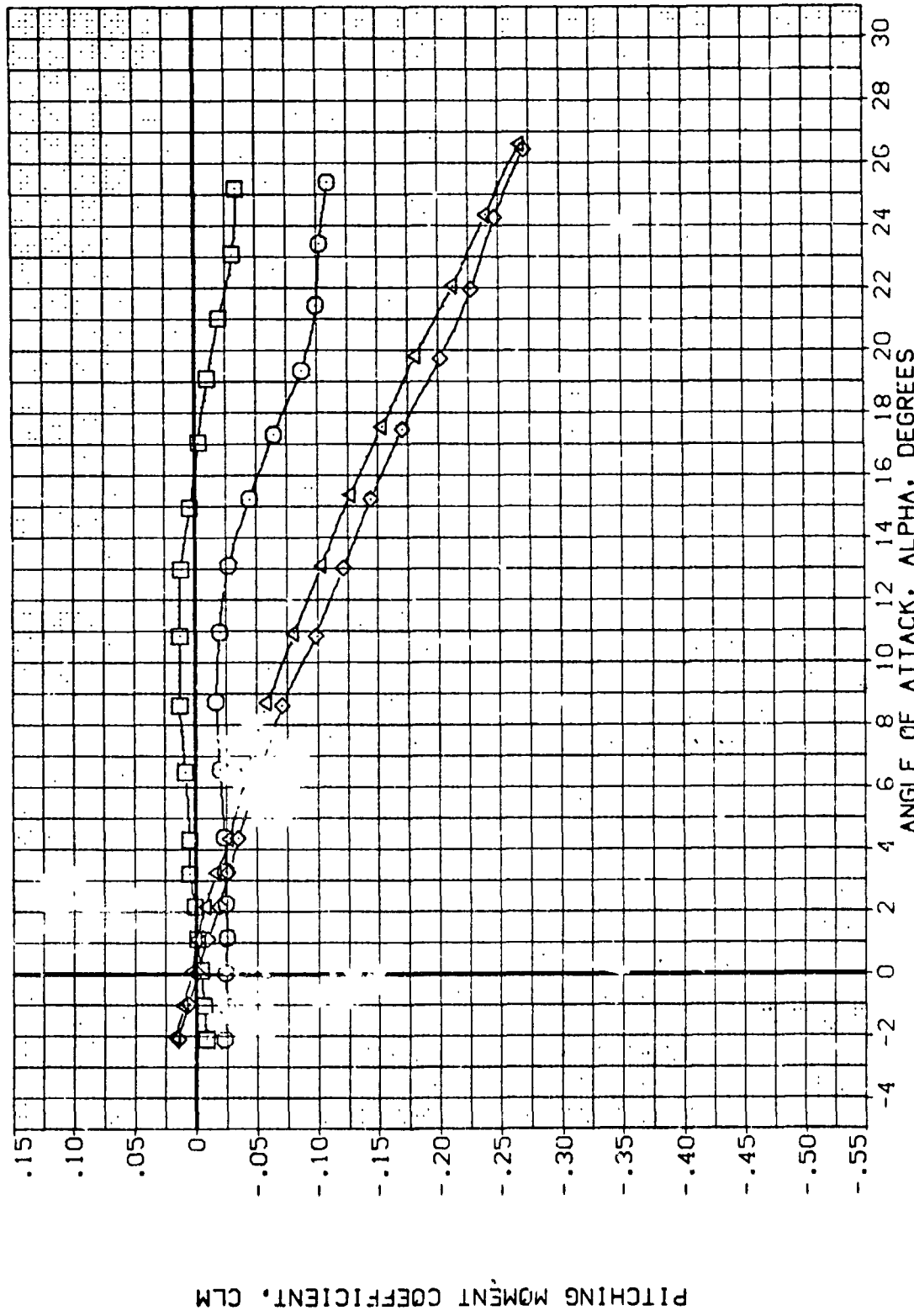


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

(AJRN/FT = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING II 35-35-0008
 (PNC039) WING III 35-35-WEDGE
 (PNC011) WING III 35-80-0008
 (PNC040) WING II 35-80-WEDGE

AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)

LESVP 35.000
 35.000
 35.000
 80.000

FILSWP 35.000
 35.000
 80.000

T/C .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

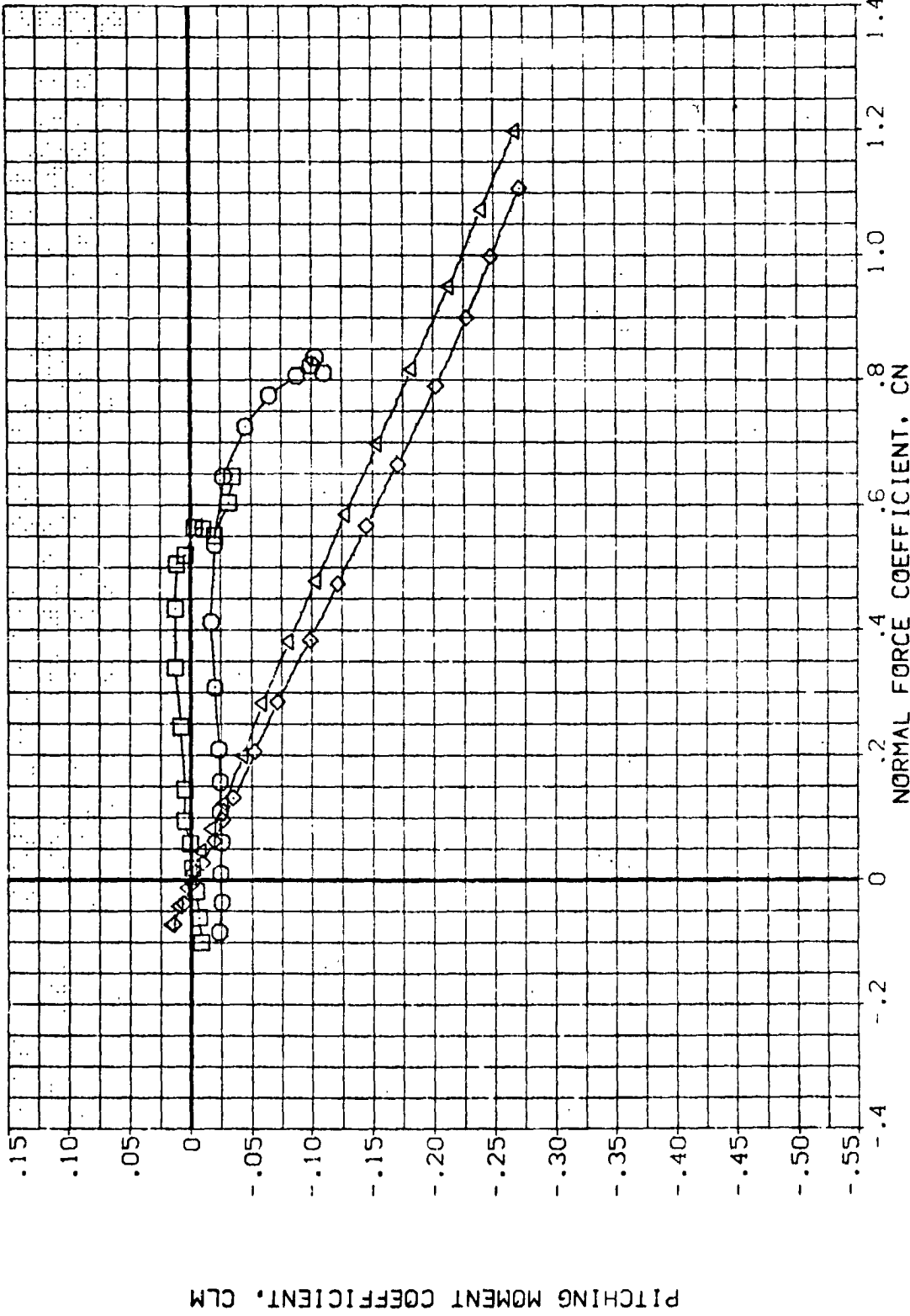


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)
 (AJRN/FT = 4.00) PAGE 24

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESVP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESVP	FILSWP	T/C	GRITNO
(PNC010)	WING II 35-35-WEDGE	AMES 12-086 (LA65)	35.000	35.000	.080	120.000
(PNC039)	WING II 35-35-WEDGE	AMES 12-086 (LA65)	35.000	35.000	.080	120.000
(PNC011)	WING II 35-80-WEDGE	AMES 12-086 (LA65)	35.000	80.000	.080	120.000
(PNC040)	WING II 35-80-WEDGE	AMES 12-086 (LA65)	35.000	80.000	.080	120.000

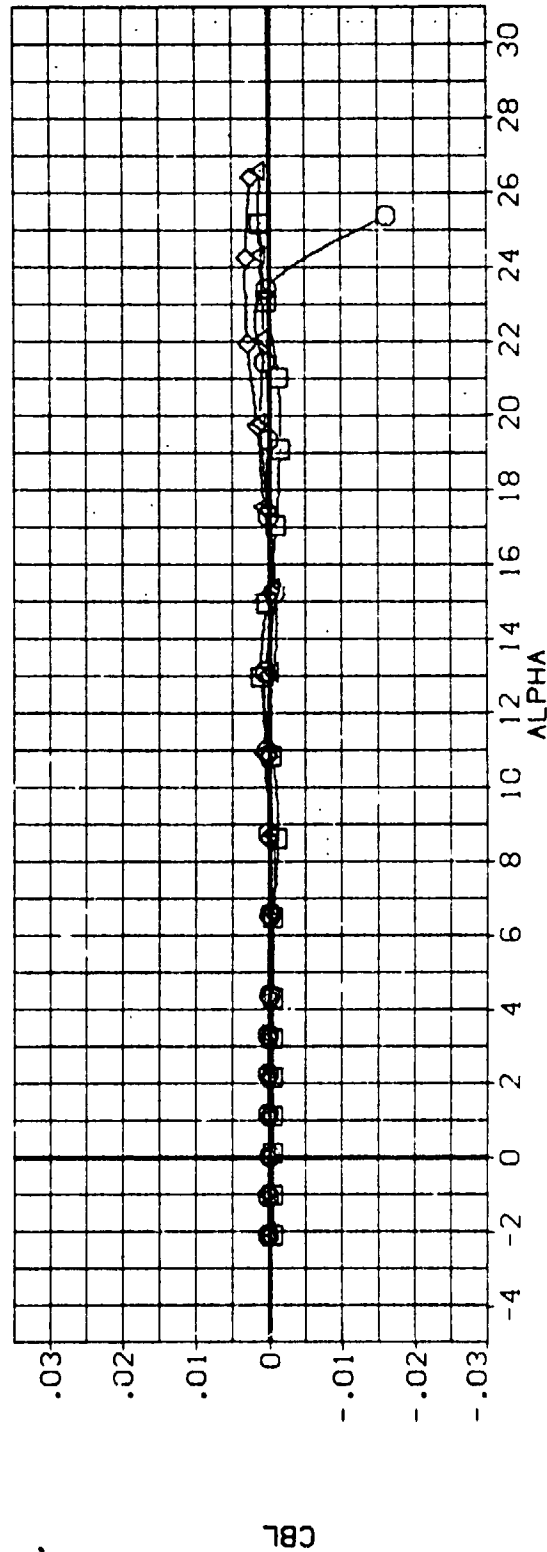
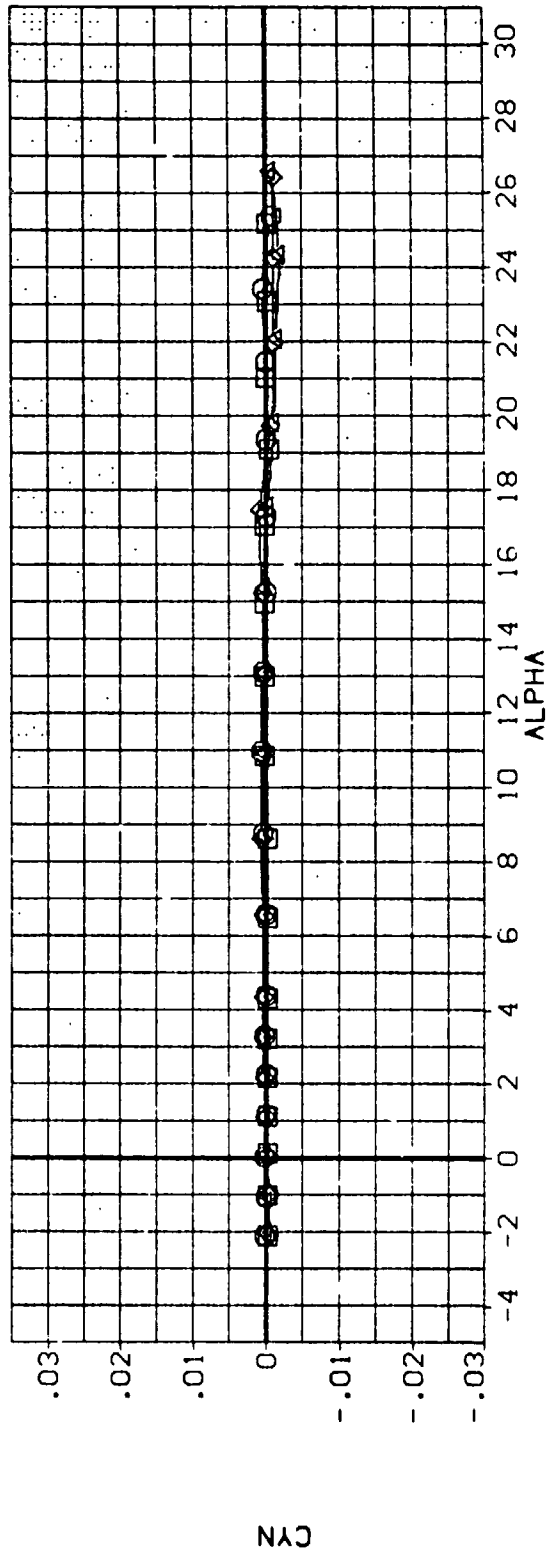


FIGURE 8. EFFECT OF AIRFOIL SECTION ON WING II (FILLET OFF AND FILLET ON)

(A)RN/FT = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC031) WING V 60-60-0008
 (PNC041) WING V 60-60-WEDGE
 (PNC032) WING V 60-80-0008
 (PNC042) WING V 60-80-WEDGE

AMES 12-086 (LA65)
 AMES 12-085 (LA65)
 AMES 12-087 (LA65)
 AMES 12-086 (LA65)

LESVP 60.000
 60.000
 60.000
 60.000

FILSWP 60.000
 60.000
 80.000
 80.000

T/C .080
 .080
 .080
 .080

GRITNG 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

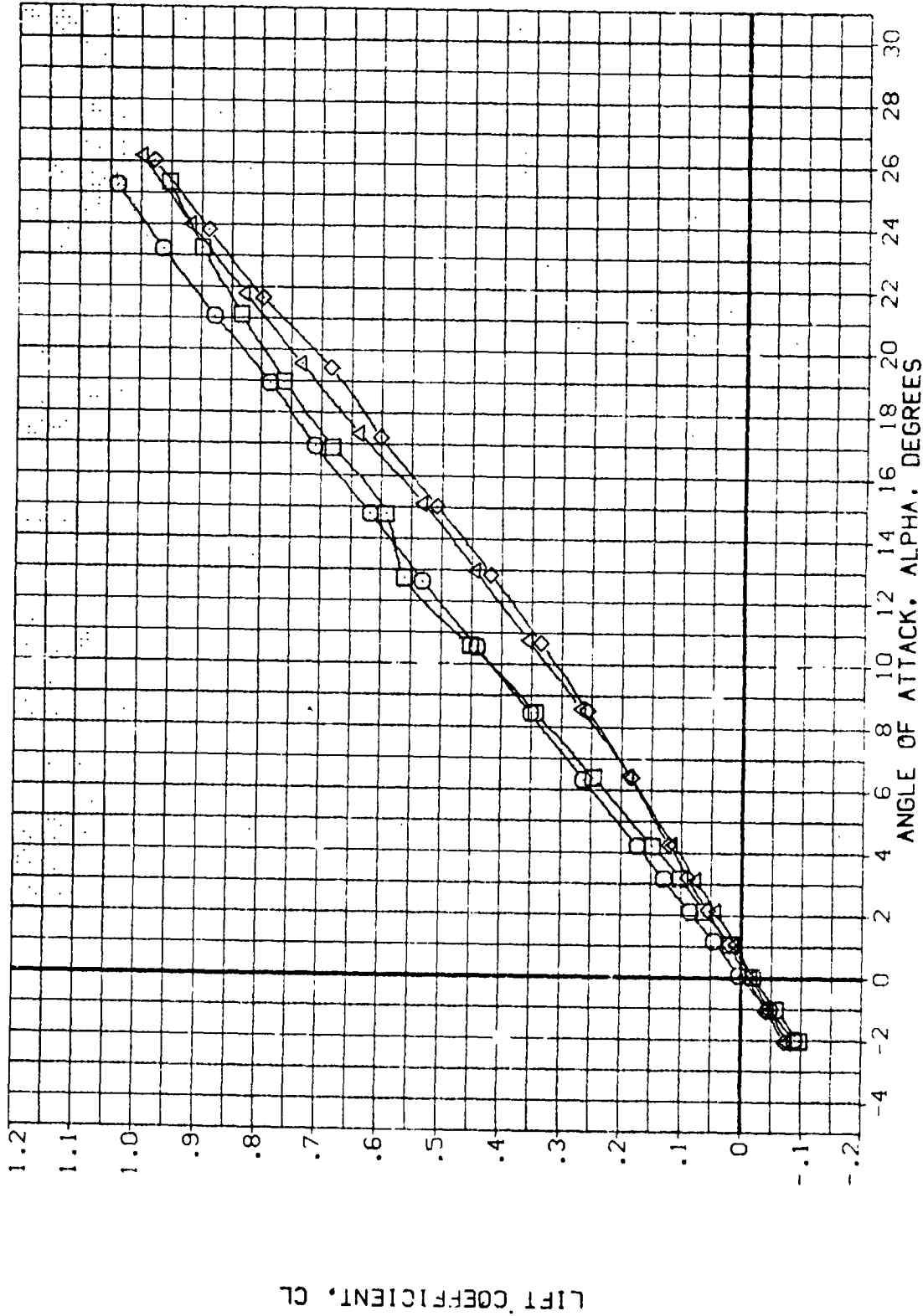


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

(A)RN/FT = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC031)	WING V 60-60-0008	60.000	60.000	.080	120.000
(PNC041)	WING V 60-60-WEDGE	60.000	60.000	.000	120.000
(PNC032)	WING V 60-80-0008	60.000	80.000	.080	120.000
(PNC042)	WING V 60-80-WEDGE	60.000	80.000	.000	120.000

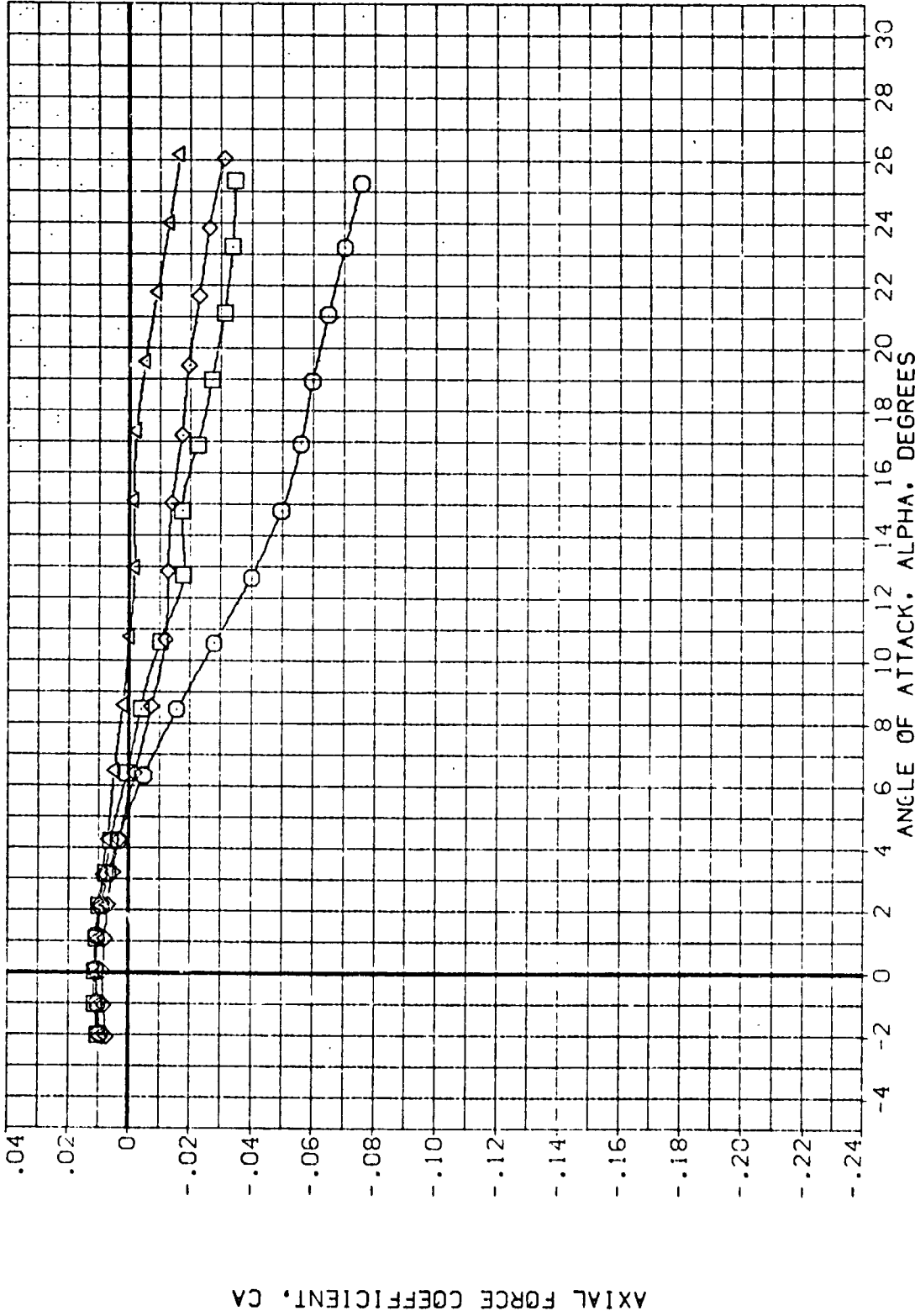


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)
 CADR/FT = 4.00 PAGE 37

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC031) WING V 60-60-0008
 (PNC041) WING V 60-60-WEDGE
 (PNC032) WING V 60-80-0008
 (PNC042) WING V 60-80-WEDGE

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 60.000
 60.000
 60.000
 60.000

FILSWP 60.000
 60.000
 60.000
 60.000

T/C .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

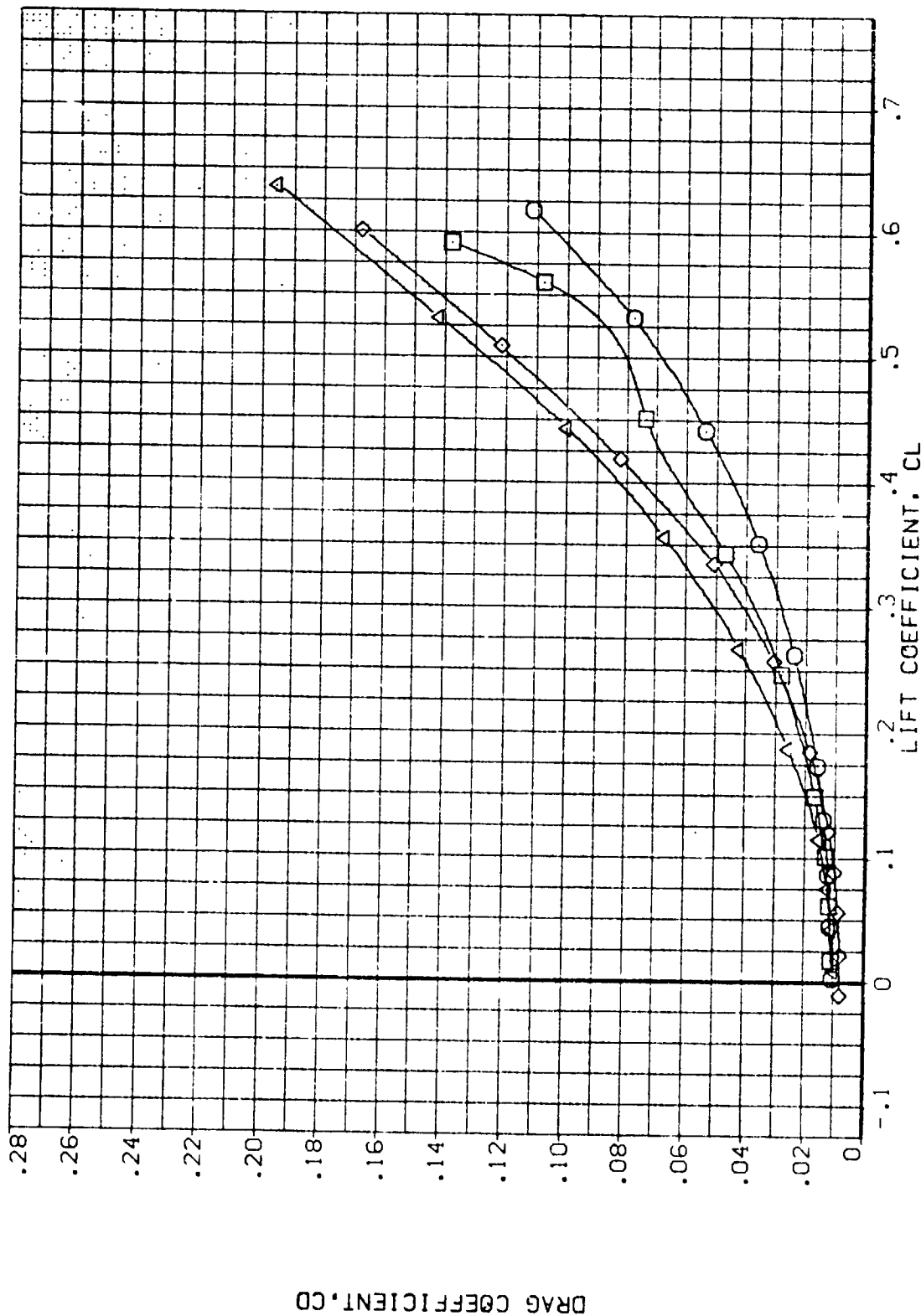


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

(A) RN/VT = 4.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITMG	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC031)	WING V 60-60-0008	AMES 12-086 (LA65)	60.000	60.000	.080	120.000	
(PNC041)	WING V 60-60-WEDGE	AMES 12-086 (LA65)	60.000	60.000	.000	120.000	
(PNC032)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	90.000	.080	120.000	
(PNC042)	WING V 60-80-WEDGE	AMES 12-086 (LA65)	60.000	60.000	.000	120.000	

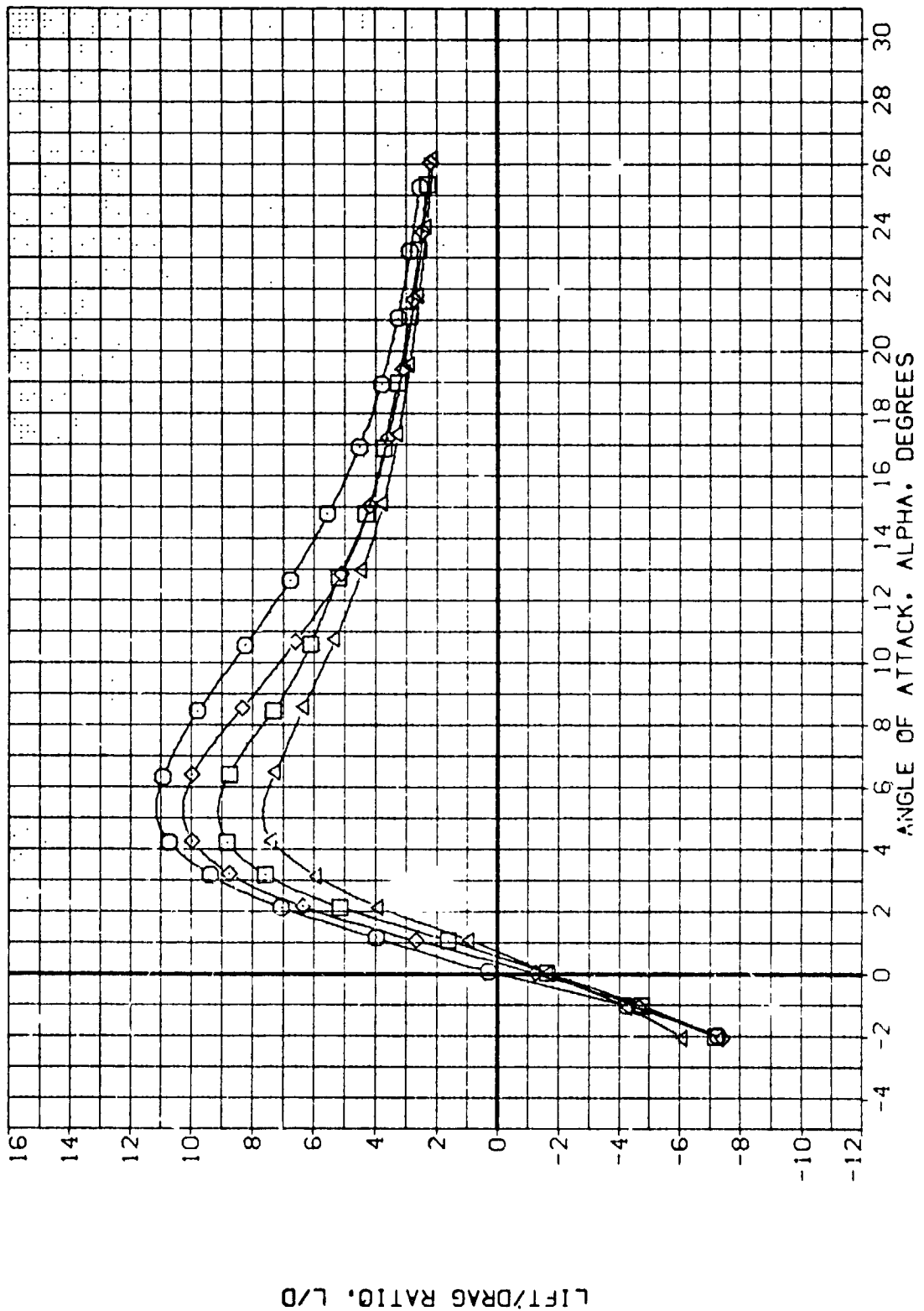


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC031) WING V 60-60-0008
 (PNC041) WING V 60-60-WEDGE
 (PNC032) WING V 60-80-0008
 (PNC042) WING V 60-80-WEDGE

AMES 12-086 (L'AG5)
 AMES 12-086 (L'AG5)
 AMES 12-086 (L'AG5)
 AMES 12-086 (L'AG5)

LESWP 60.000
 60.000
 60.000
 60.000

FILSWP 60.000
 60.000
 60.000
 60.000

T/C .080
 .000
 .080
 .000

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

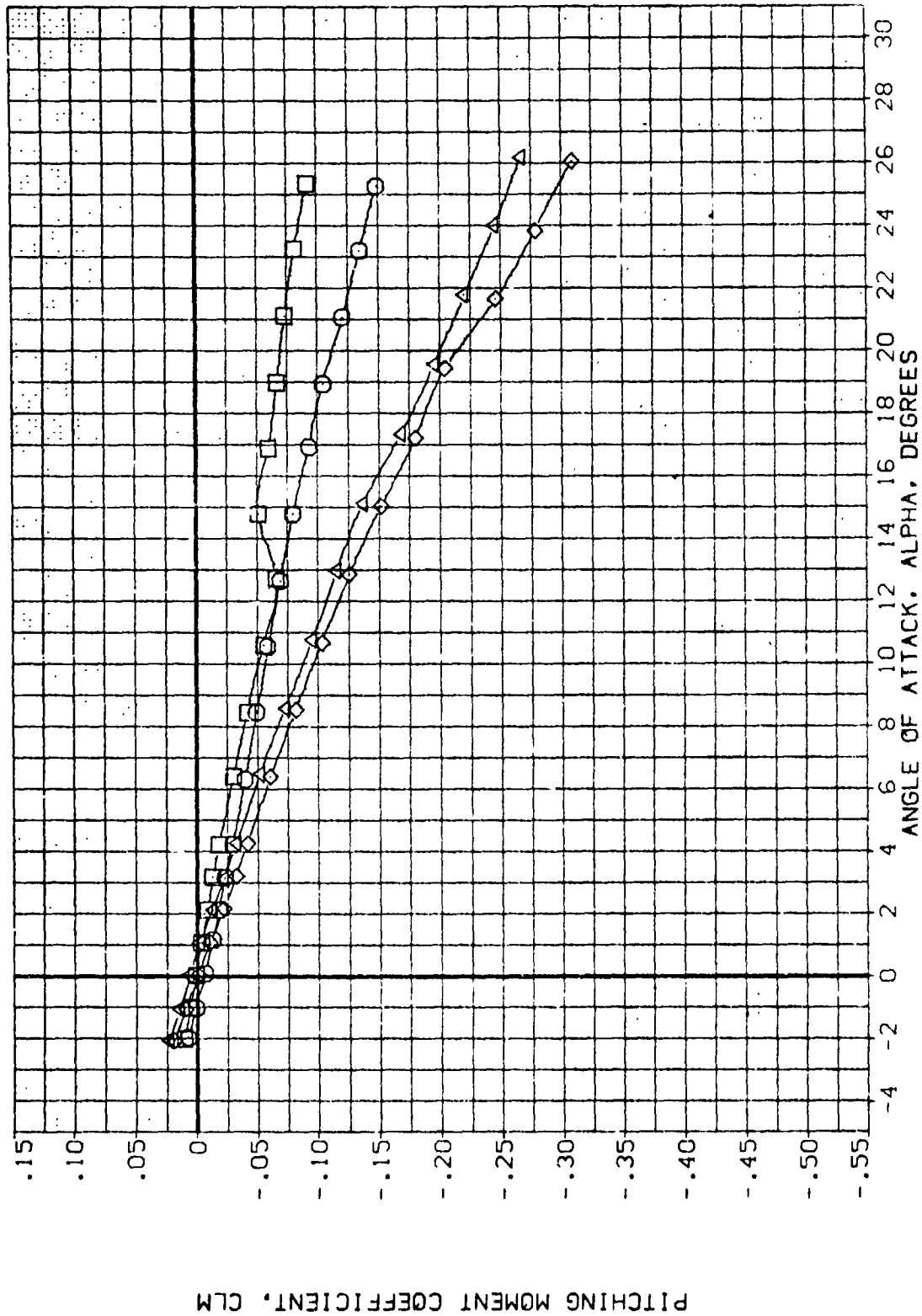


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

(A)RN/FT = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LAGS) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC031)	WING V 60-80-0008	AMES 12-086 (LAGS)	60.000	60.000	.080	120.000
(PNC041)	WING V 60-80-WEDGE	AMES 12-086 (LAGS)	60.000	60.000	.000	120.000
(PNC032)	WING V 60-80-0008	AMES 12-086 (LAGS)	60.000	80.000	.000	120.000
(PNC042)	WING V 60-80-WEDGE	AMES 12-086 (LAGS)	60.000	80.000	.000	120.000

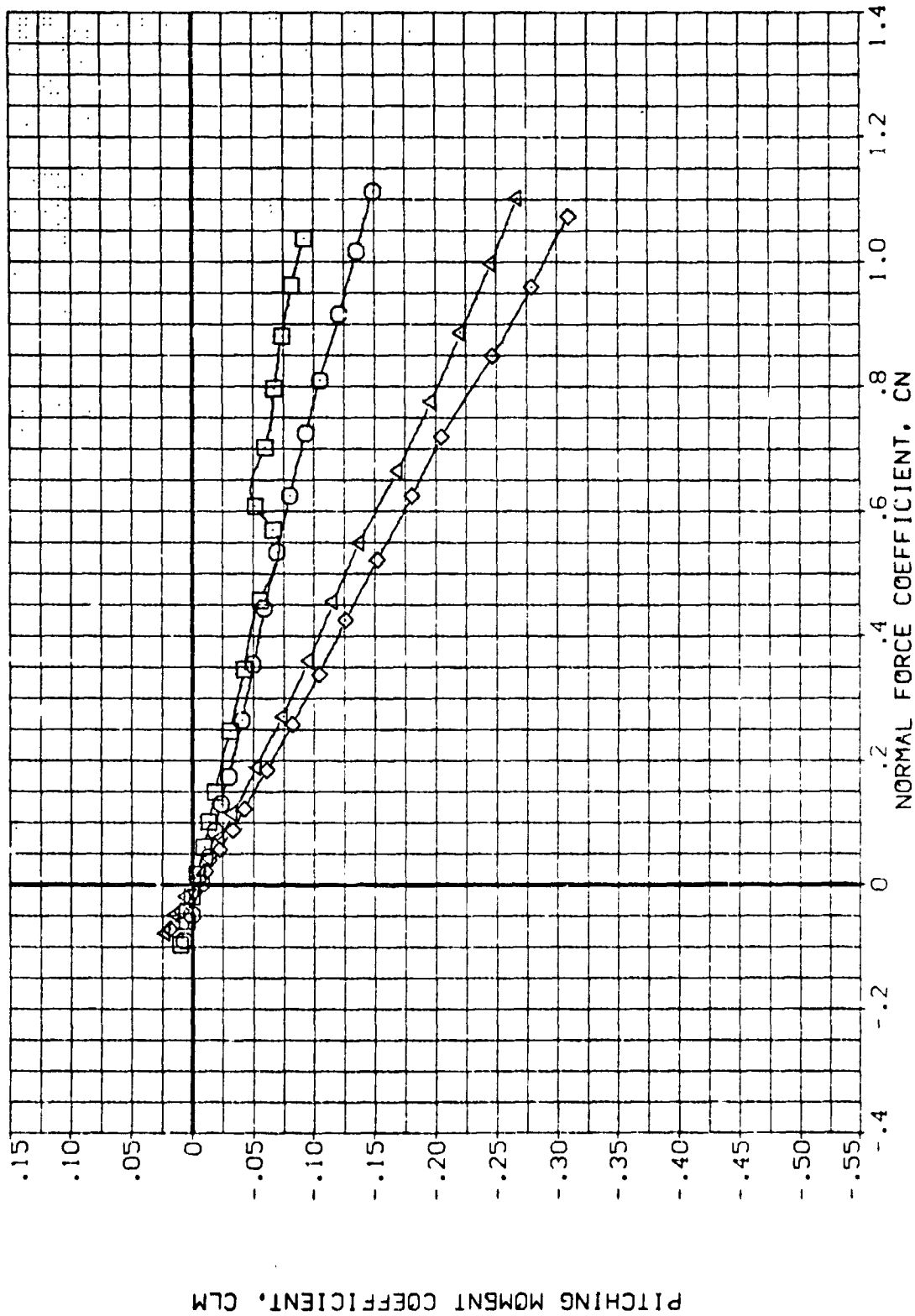


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LAGS) LESVP FILSVP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LAGS)	LESVP	FILSVP	T/C	GRITNO
(PNC031)	WING V 60-60-WEDGE	AMES 12-086 (LAGS)	60.000	60.000	.080	120.000
(PNC041)	WING V 60-60-WEDGE	AMES 12-086 (LAGS)	60.000	60.000	.080	120.000
(PNC032)	WING V 60-80-WEDGE	AMES 12-086 (LAGS)	60.000	80.000	.080	120.000
(PNC042)	WING V 60-90-WEDGE	AMES 12-086 (LAGS)	60.000	80.000	.080	120.000

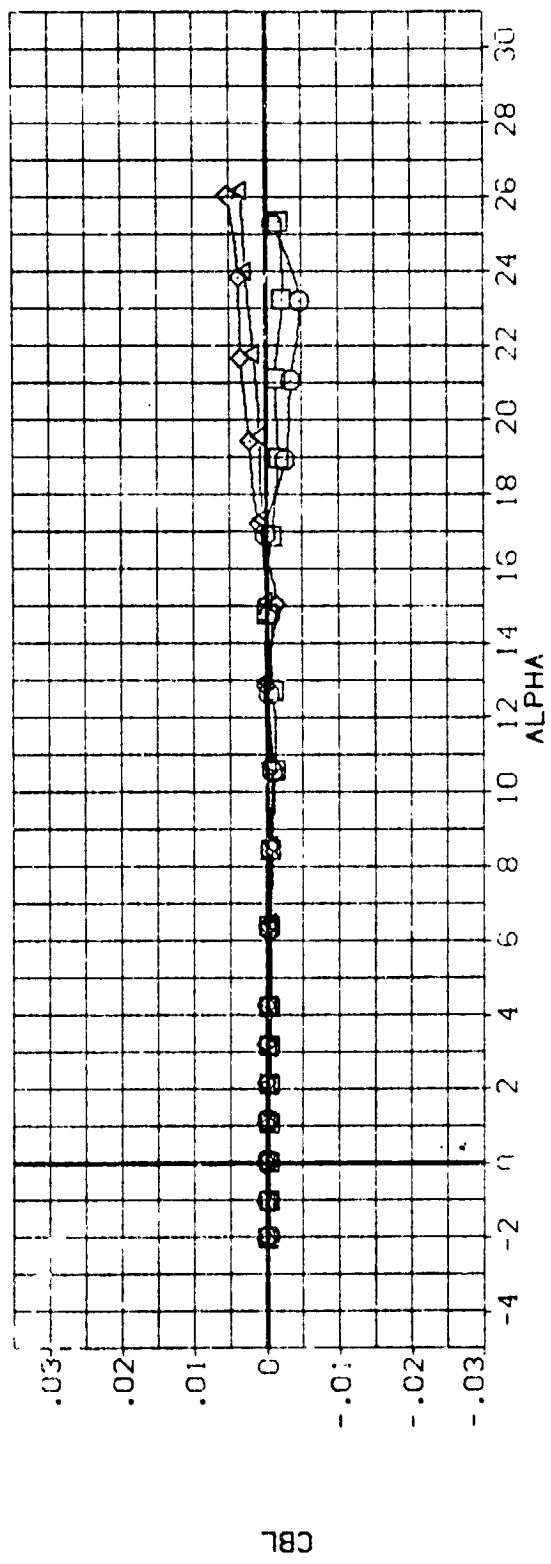
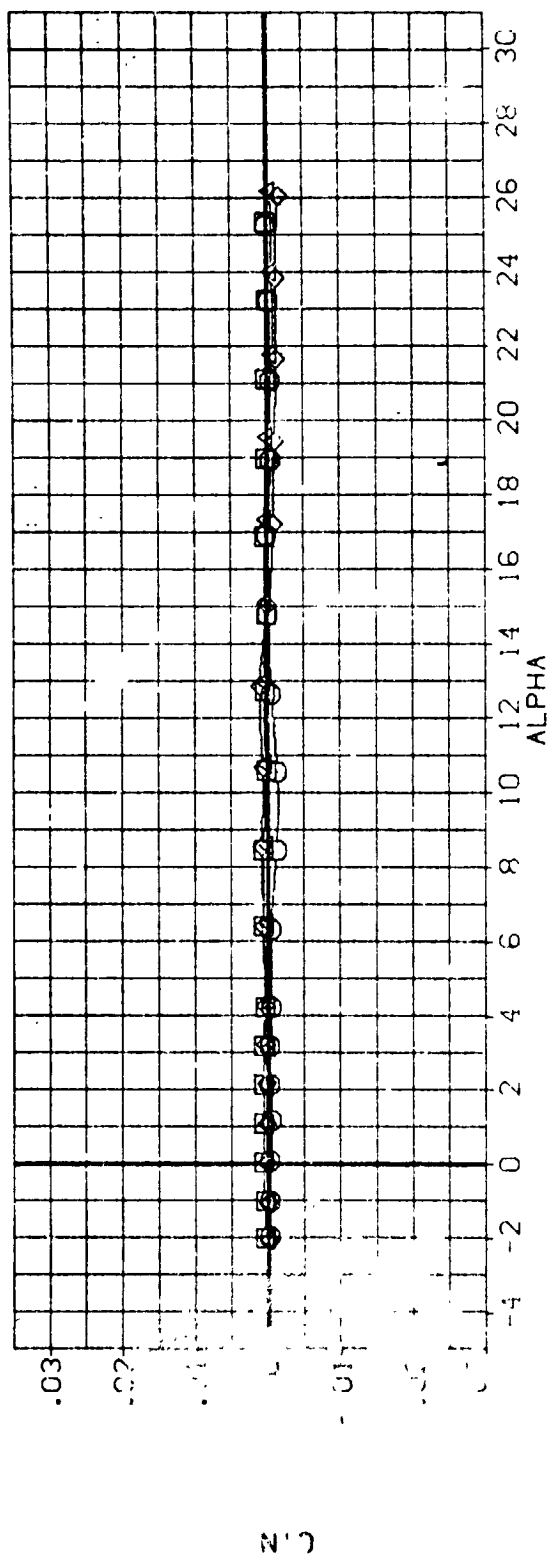


FIGURE 9. EFFECT OF AIRFOIL SECTION ON WING V (FILLET OFF AND FILLET ON)

(A)RN/FT = 4.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESVP	FILLSWP	T/C	GRITNO
(P10001)	WING	2-086 (LA65)	25.000	25.000	.080	120.000
(P10002)	WING	2-086 (LA65)	25.000	35.000	.080	120.000
(P10003)	WING	2-086 (LA65)	25.000	45.000	.080	120.000
(P10004)	WING	2-086 (LA65)	25.000	55.000	.080	120.000
(P10005)	WING	2-086 (LA65)	25.000	60.000	.080	120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

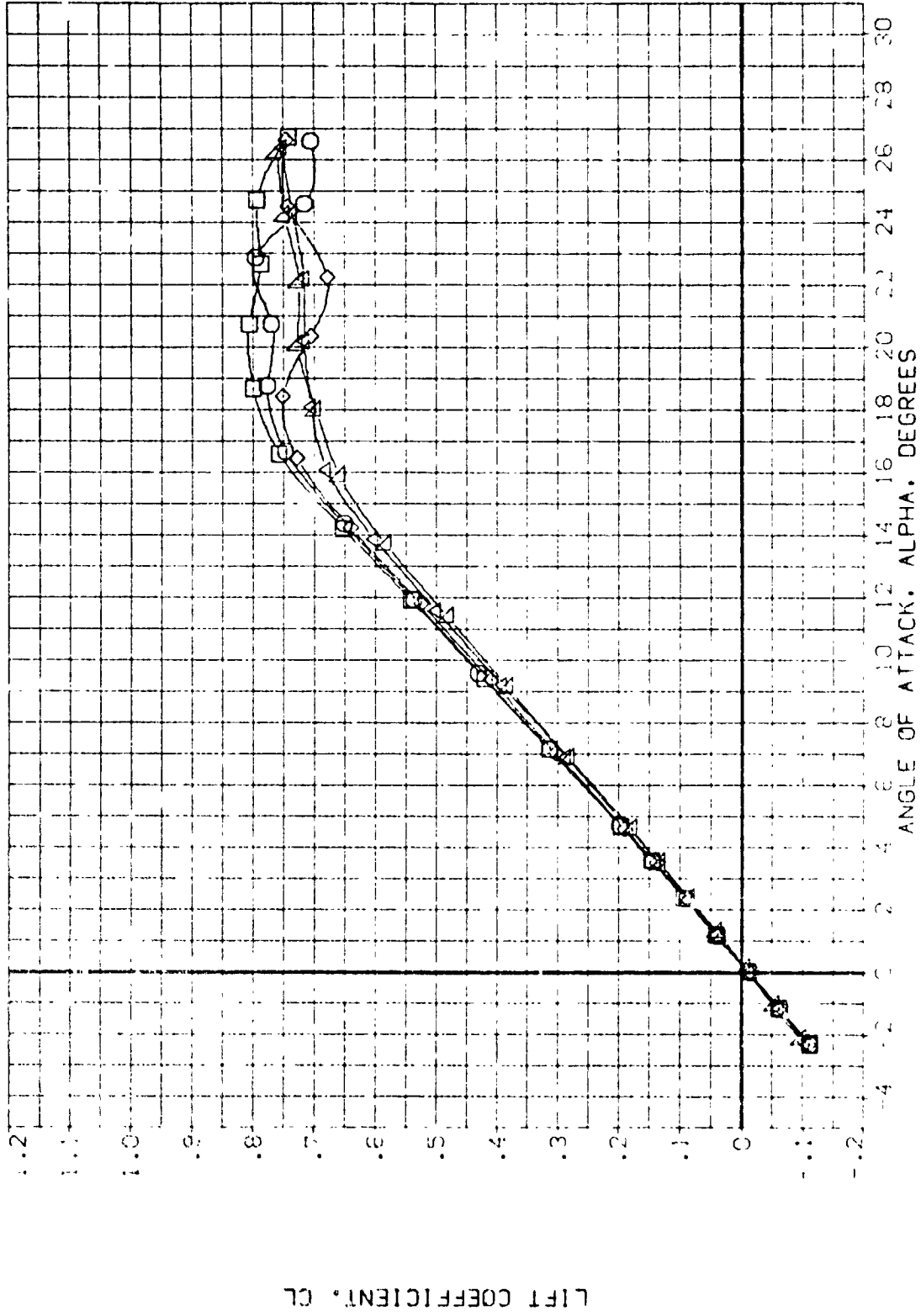


FIGURE 10. EFFECT OF WING FOLIET SWEEP ANGLE (WING I)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING I	25-25-0C08
(PNC009)	WING I	25-35-0008
(PNC008)	WING I	25-45-0008
(PNC007)	WING I	25-55-0008
(PNC006)	WING I	25-60-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LAGS)	LESWP	FILSWP	T/C	GRITNO
AMES 12-086 (LAGS)	25.000	25.000	.080	120.000
AMES 12-086 (LAGS)	25.000	35.000	.080	120.000
AMES 12-086 (LAGS)	25.000	45.000	.080	120.000
AMES 12-086 (LAGS)	25.000	55.000	.080	120.000
AMES 12-086 (LAGS)	25.000	60.000	.080	120.000

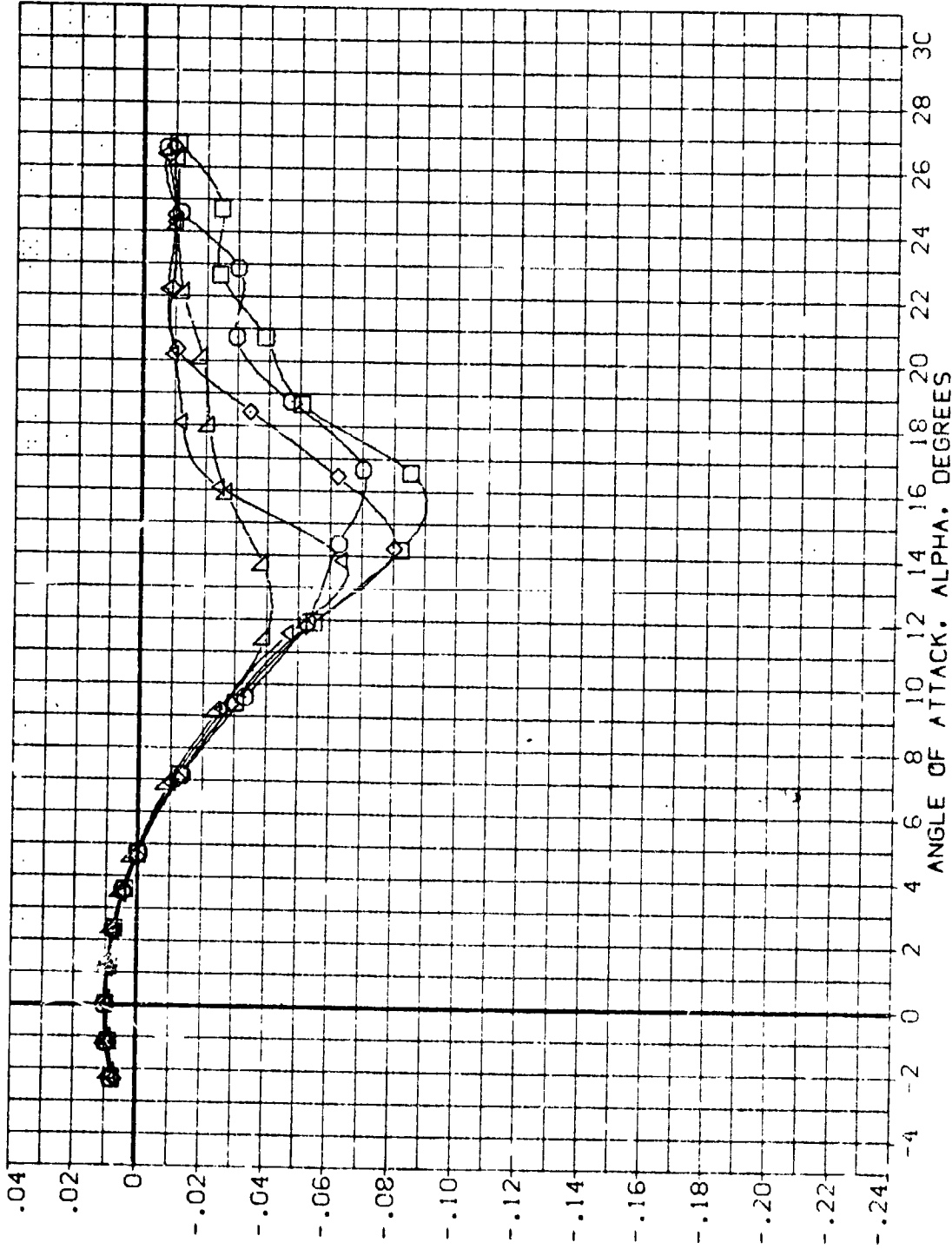


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)PN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO

(PNL001) WING 25-25-0000 AMES 12-086 (LA65) 25.000 25.000 .080 120.000

(PNL002) WING 25-35-0008 AMES 12-086 (LA65) 25.000 35.000 .080 120.000

(PNL008) WING 25-45-0008 AMES 12-086 (LA65) 25.000 45.000 .090 120.000

(PNC007) WING 25-53-0008 AMES 12-086 (LA65) 25.000 55.000 .080 120.000

(PNC006) WING 25-60-0003 AMES 12-086 (LA55) 25.000 60.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

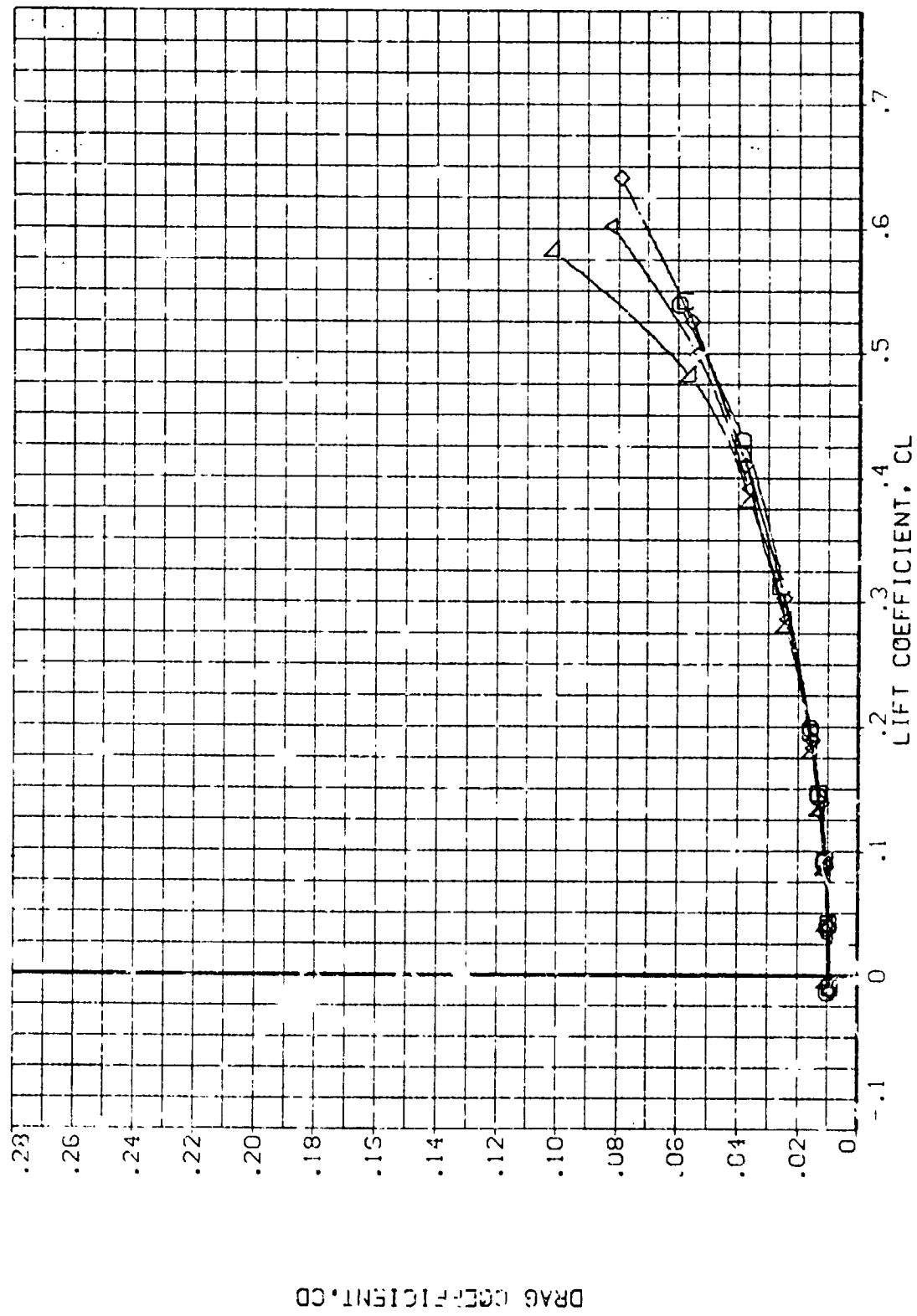


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)PN/ST = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING	25-25-0008
(PNC009)	WING	25-35-0008
(PNC008)	WING	25-45-0008
(PNC007)	WING	25-55-0008
(PNC005)	WING	25-60-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-066 (LAG5)	LESWP	FILSWP	T/C	GRITNO
AMES 12-086 (LAG5)	25.000	25.000	.080	120.000
AMES 12-086 (LAG5)	25.000	35.000	.080	120.000
AMES 12-086 (LAG5)	25.000	45.000	.080	120.000
AMES 12-086 (LAG5)	25.000	55.000	.080	120.000
AMES 12-086 (LAG5)	25.000	60.000	.080	127.000

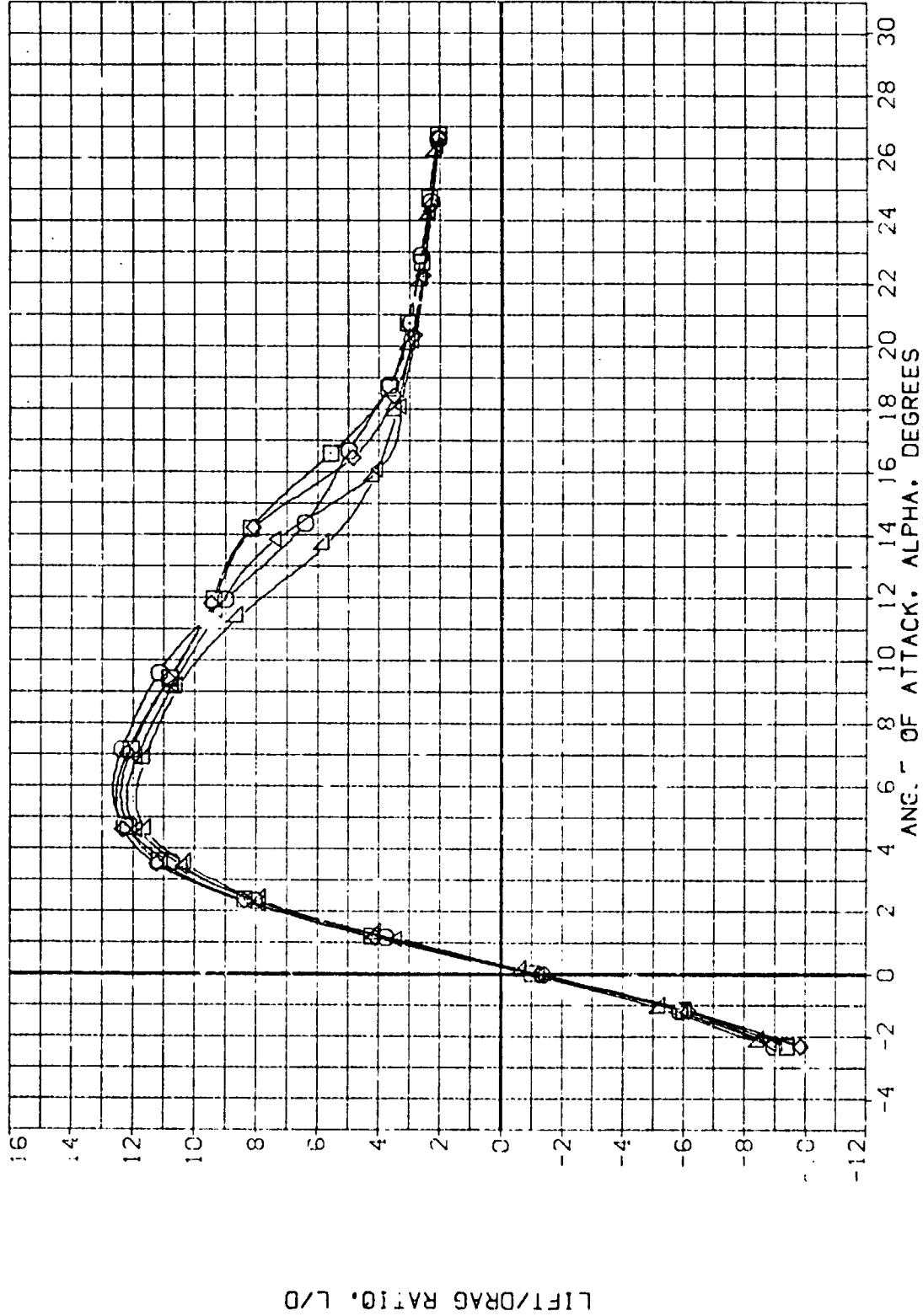


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

CORRN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING	25-25-0008	AMES 12-086 (LA65)	LESWP	25.000	FILSWP	25.000	T/C	.080	GRITND	120.000
(PNC003)	WING	25-35-0008	AMES 12-086 (LA65)	LESWP	25.000	FILSWP	35.000	T/C	.080	GRITND	120.000
(PNC008)	WING	2-45-0008	AMES 12-086 (LA65)	LESWP	25.000	FILSWP	45.000	T/C	.080	GRITND	120.000
(PNC007)	WING	3-55-0008	AMES 12-086 (LA65)	LESWP	25.000	FILSWP	55.000	T/C	.080	GRITND	120.000
(PNC006)	WING	5-60-0008	AMES 12-086 (LA65)	LESWP	25.000	FILSWP	60.000	T/C	.080	GRITND	120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

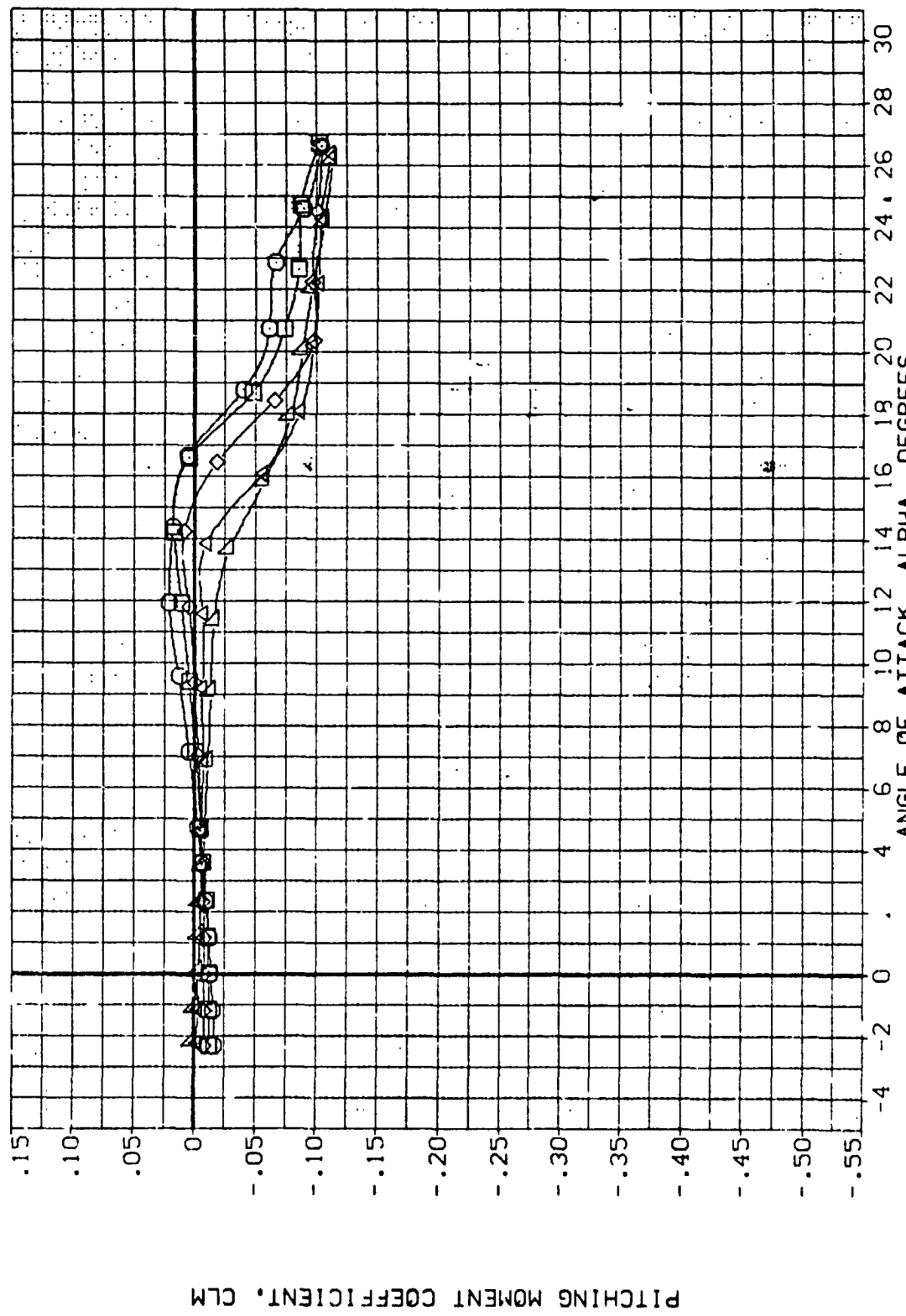


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING I	25-25-0008
(PNC002)	WING I	25-35-0008
(PNC003)	WING I	25-45-0008
(PNC004)	WING I	25-55-0008
(PNC005)	WING I	25-60-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
AMES 12-086 (LA65)	25.000	25.000	.080	120.000
AMES 12-086 (LA65)	25.000	35.000	.080	120.000
AMES 12-086 (LA65)	25.000	45.000	.080	120.000
AMES 12-086 (LA65)	25.000	55.000	.080	120.000
AMES 12-086 (LA65)	25.000	60.000	.080	120.000

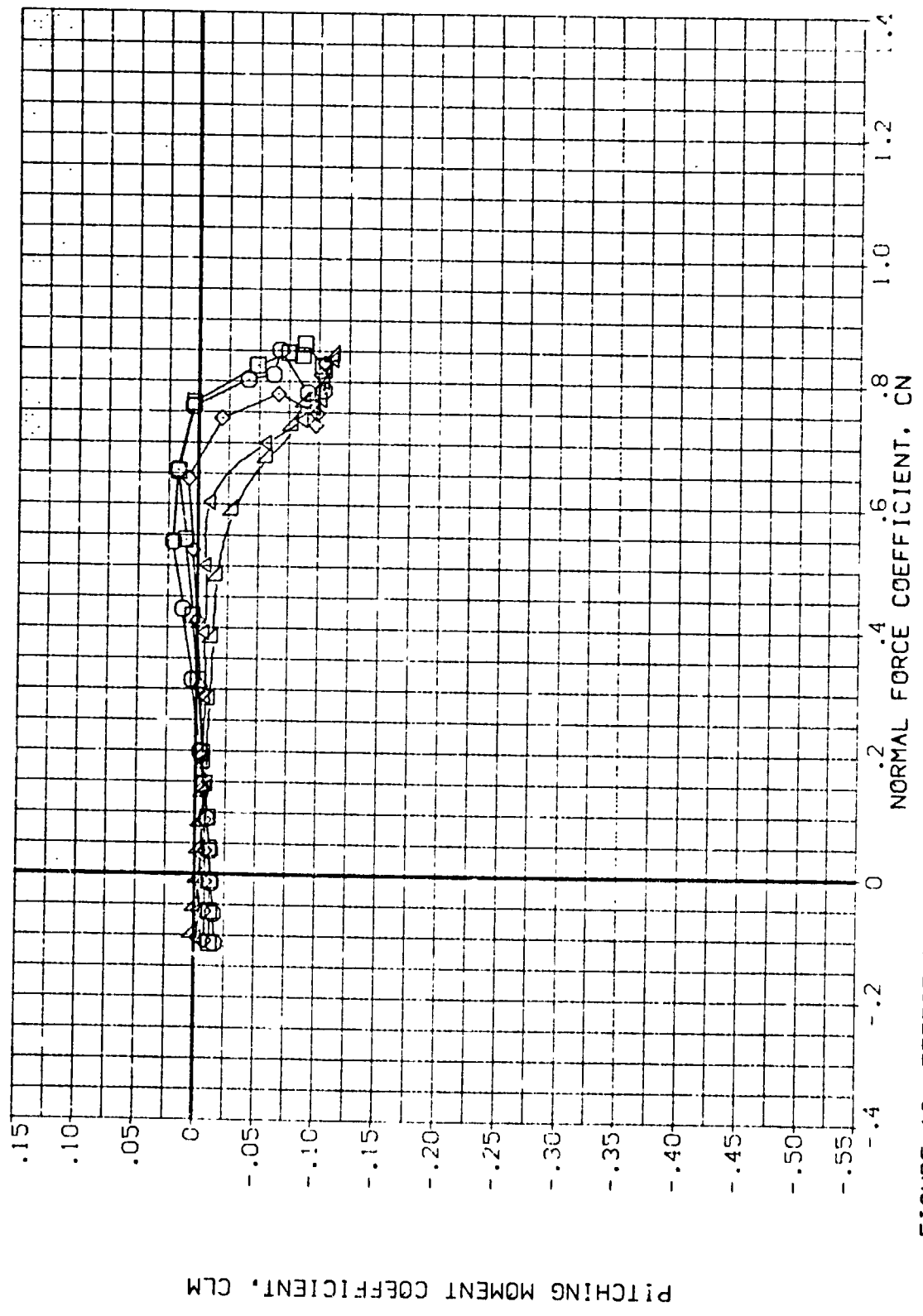


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESWP	FILSWP	T/C	GRITNO
(PNC001)	WING | 25-25-008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000
(PNC009)	WING | 25-33-008	AMES 12-086 (LA65)	25.000	35.000	.080	120.000
(PNC008)	WING | 25-45-008	AMES 12-086 (LA65)	25.000	45.000	.080	120.000
(PNC007)	WING | 25-55-008	AMES 12-086 (LA65)	25.000	55.000	.080	120.000
(PNC006)	WING | 25-60-008	AMES 12-086 (LA65)	25.000	60.000	.080	120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

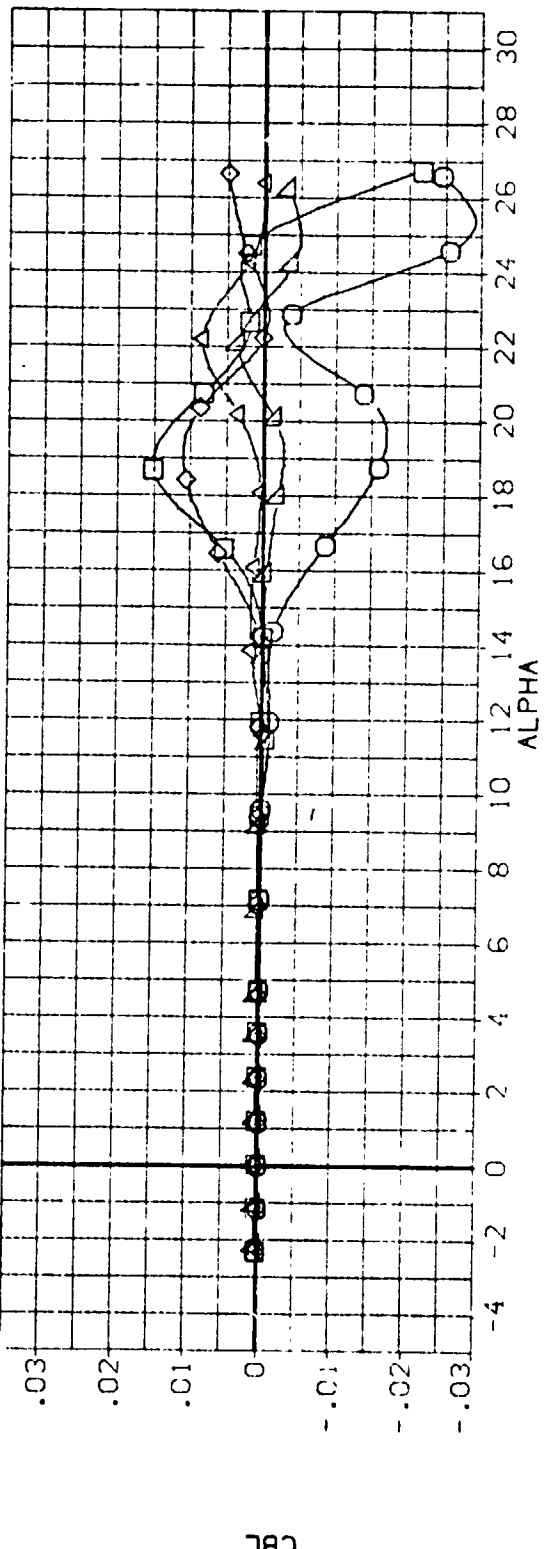
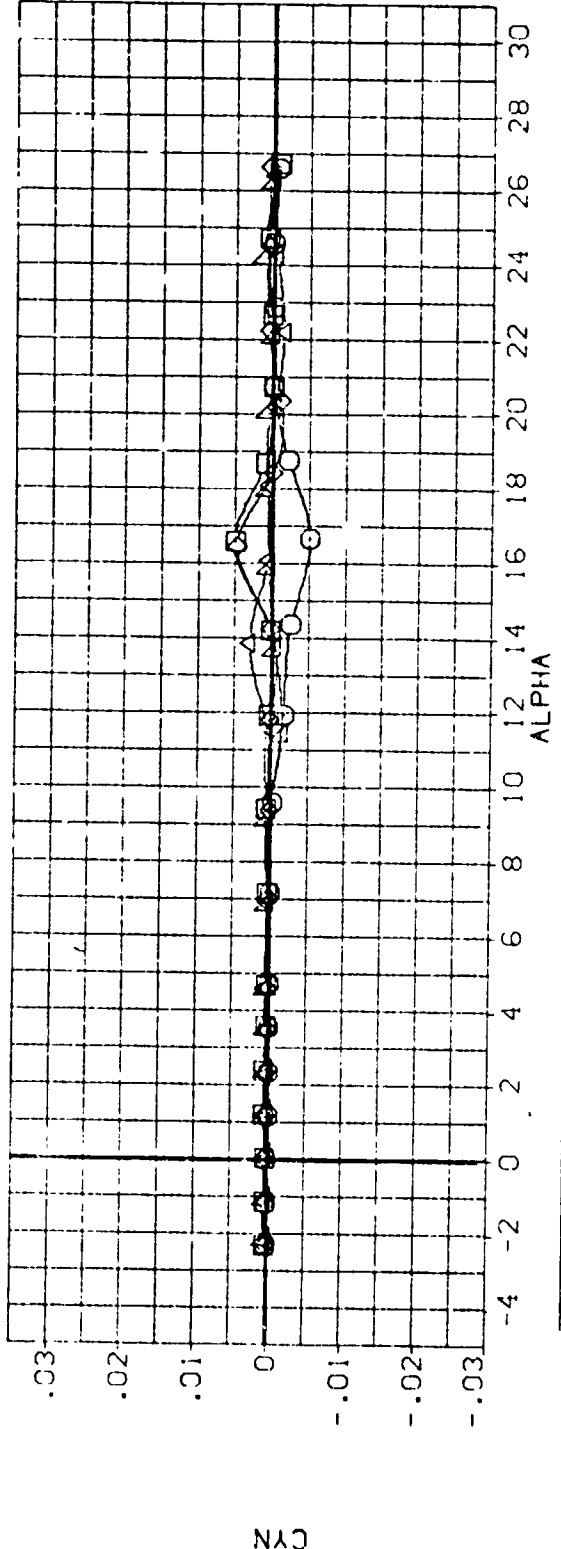


FIGURE 10. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING | 25-25-0008
(PNC005)	WING | 25-65-0008
(PNC004)	WING | 25-70-0008
(PNC003)	WING | 25-75-0008
(PNC002)	WING | 25-80-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LA65)	LESWP	FILLSWP	T/C	GRITNG
AMES 12-086 (LA65)	25.000	25.000	.080	120.000
AMES 12-086 (LA65)	25.000	65.000	.080	120.000
AMES 12-086 (LA65)	25.000	70.000	.080	120.000
AMES 12-086 (LA65)	25.000	75.000	.080	120.000
AMES 12-086 (LA65)	25.000	80.000	.080	120.000

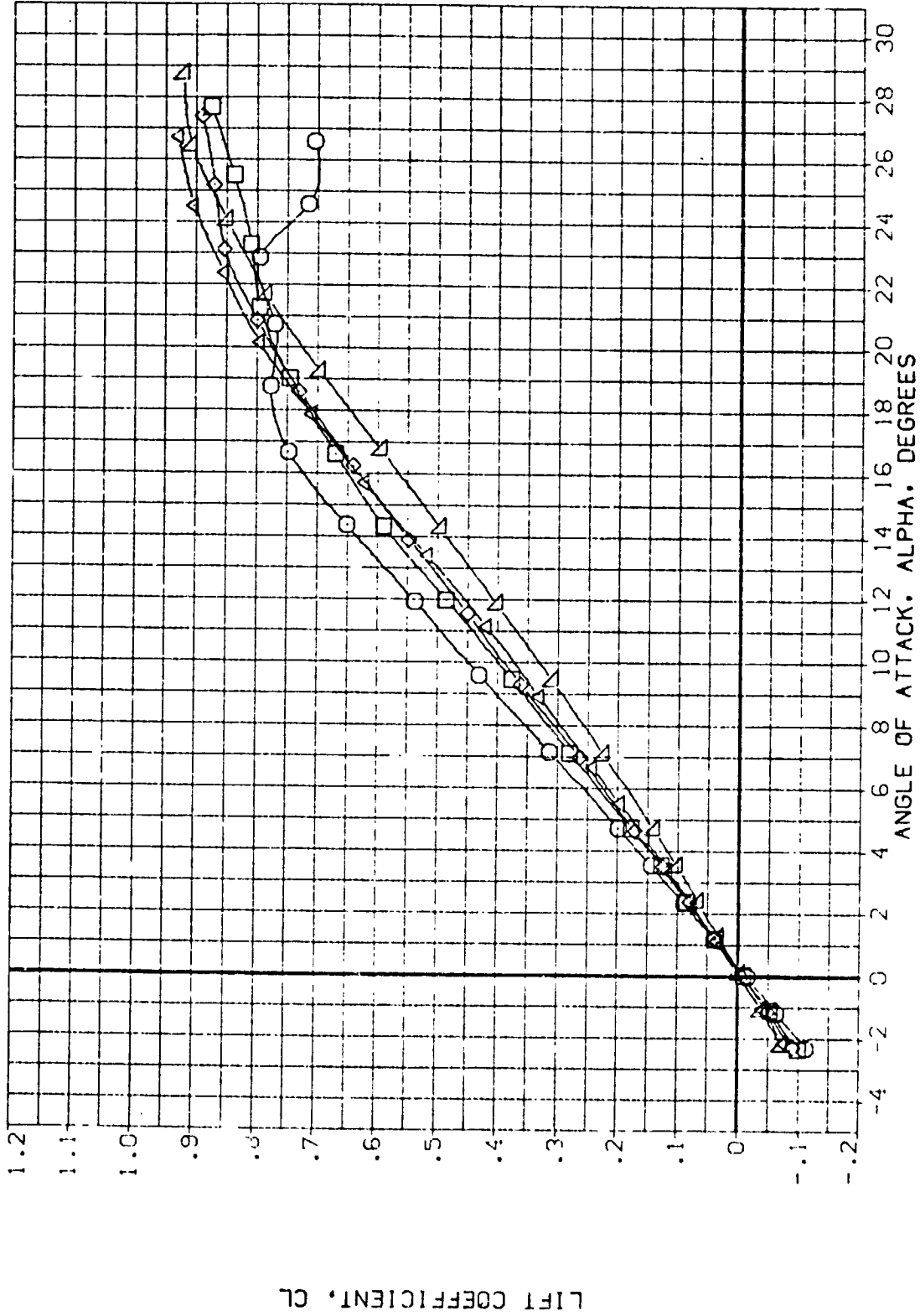


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITND	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC001)	WING I 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000	
(PNC005)	WING I 25-65-0008	AMES 12-086 (LA65)	25.000	65.000	.080	120.000	
(PNC004)	WING I 25-70-0008	AMES 12-086 (LA65)	25.000	70.000	.080	120.000	
(PNC003)	WING I 25-75-0008	AMES 12-086 (LA65)	25.000	75.000	.080	120.000	
(PNC002)	WING I 25-85-0008	AMES 12-086 (LA65)	25.000	80.000	.080	120.000	

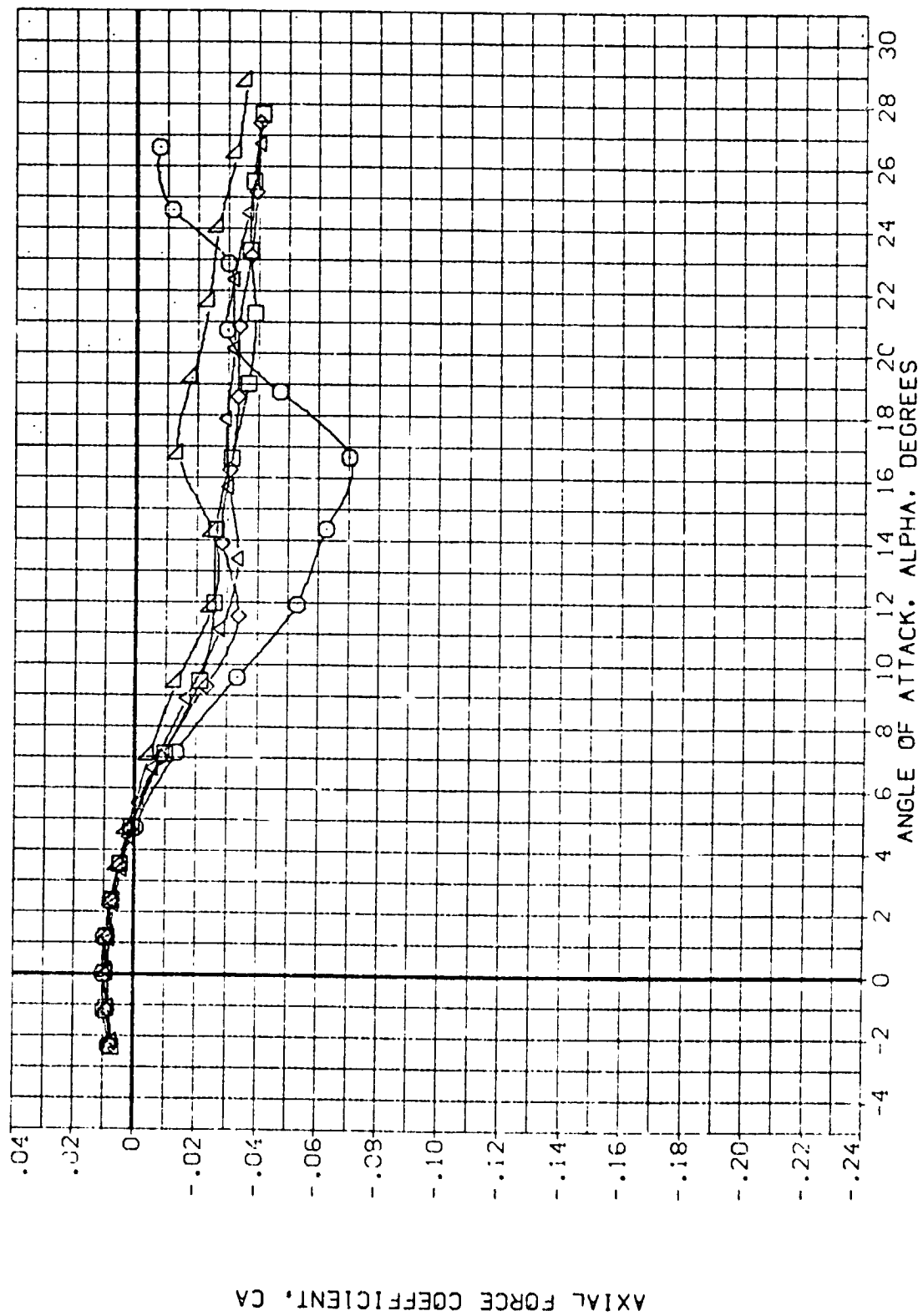


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A) PNC001 = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING I	25-25-0008
(PNC005)	WING I	25-65-0008
(PNC004)	WING I	25-70-0008
(PNC003)	WING I	25-75-0008
(PNC002)	WING I	25-80-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 25.000
 25.000
 25.000
 25.000
 25.000

FILSWP 25.000
 65.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

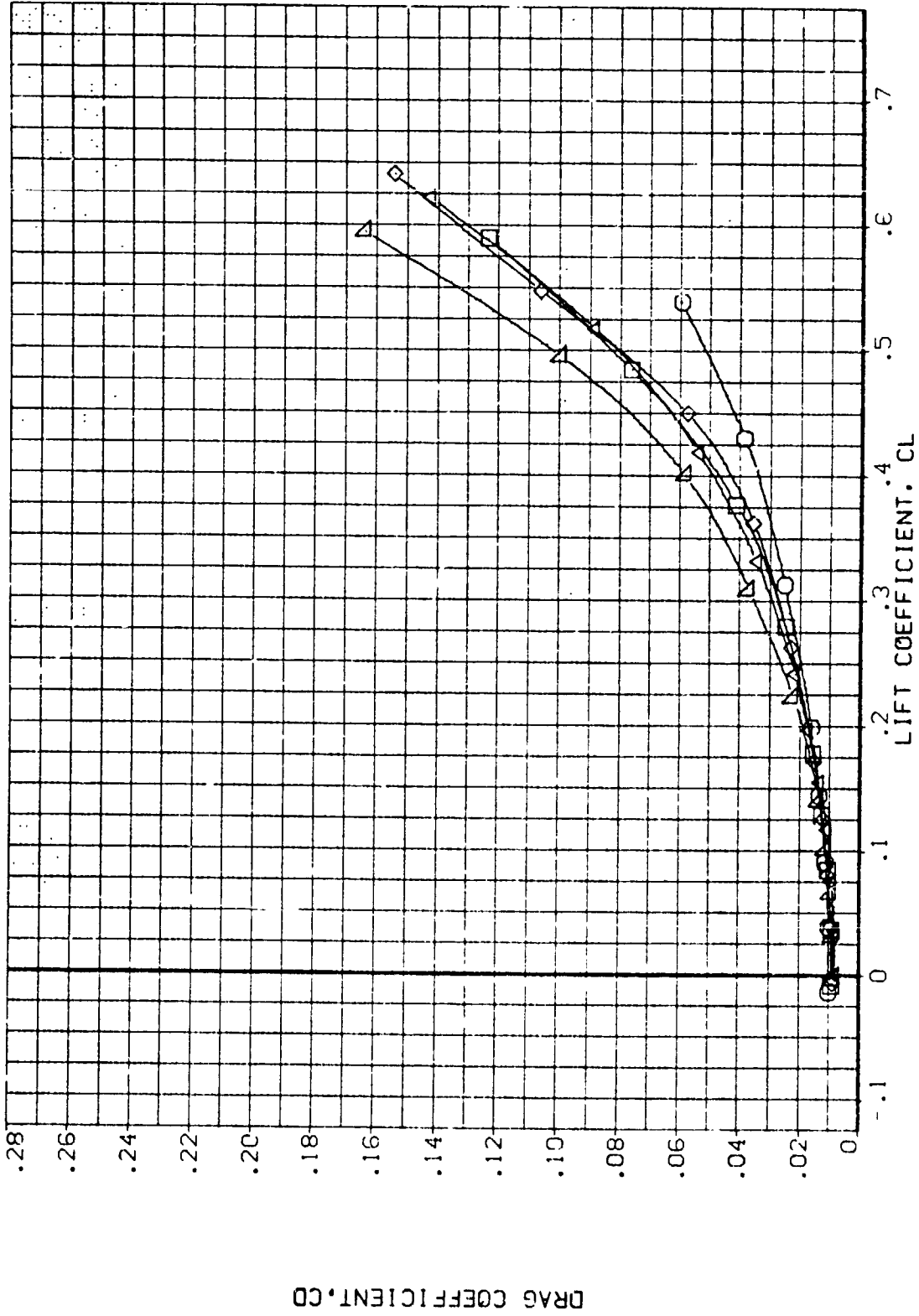


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESWP	FILSWP	T/C	GRITMS	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC001)	WING | 25-25-0008	25.000	25.000	.030	120.000	
(PNC002)	WING | 25-65-0008	25.000	65.000	.080	120.000	
(PNC003)	WING | 25-70-0008	25.000	70.000	.080	120.000	
(PNC004)	WING | 25-75-0008	25.000	75.000	.080	120.000	
(PNC005)	WING | 25-80-0008	25.000	80.000	.080	120.000	

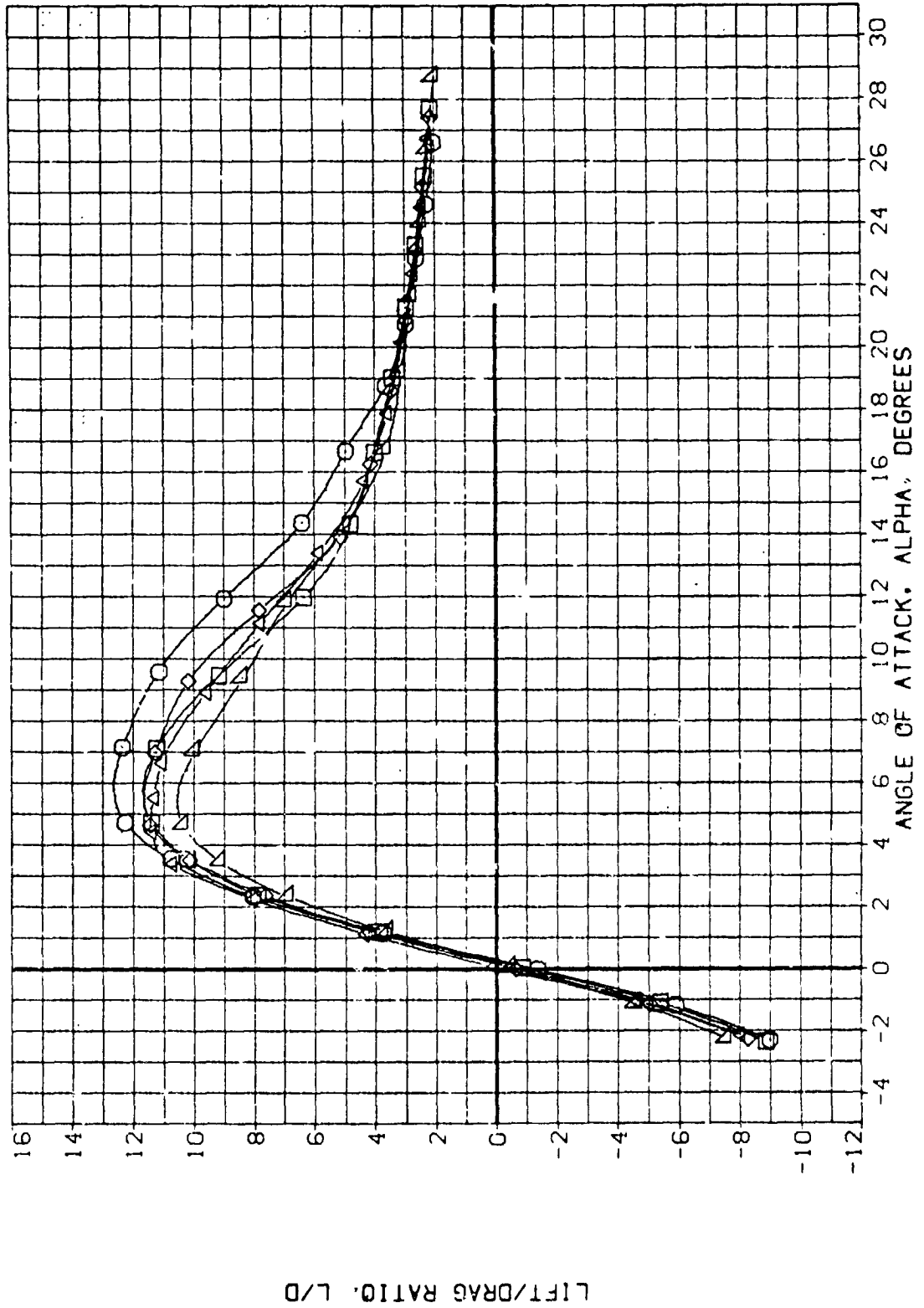


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(CORN/ET = 8.00)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC001)	WING 1 25-25-0008	25.000	25.000	.080	120.000	
(PNC005)	WING 1 25-65-0308	25.000	65.000	.080	120.000	
(PNC004)	WING 1 25-70-0008	25.000	70.000	.080	120.000	
(PNC003)	WING 1 25-75-0008	25.000	75.000	.080	120.000	
(PNC002)	WING 1 25-80-0008	25.000	80.000	.080	120.000	

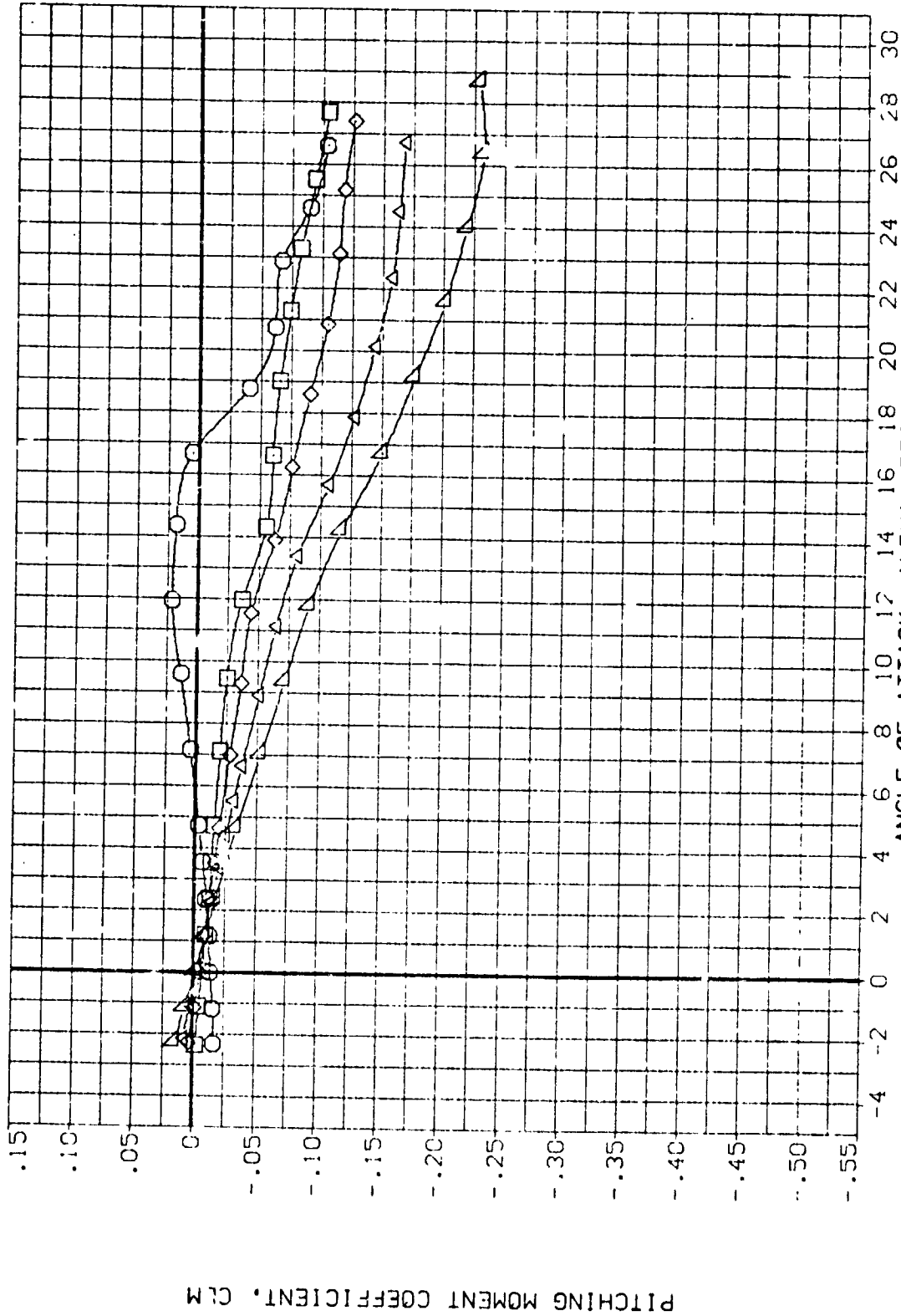


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING 1)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC001)	WING | 25-25-0008	AMES 12-086 (LA65)	25.000	25.000	.080	120.000	
(PNC005)	WING | 25-65-0008	AMES 12-086 (LA65)	25.000	65.000	.080	120.000	
(PNC004)	WING | 25-70-0008	AMES 12-086 (LA65)	25.000	70.000	.080	120.000	
(PNC003)	WING | 25-75-0008	AMES 12-086 (LA65)	25.000	75.000	.080	120.000	
(PNC002)	WING | 25-80-0008	AMES 12-036 (LA65)	25.000	80.000	.080	120.000	

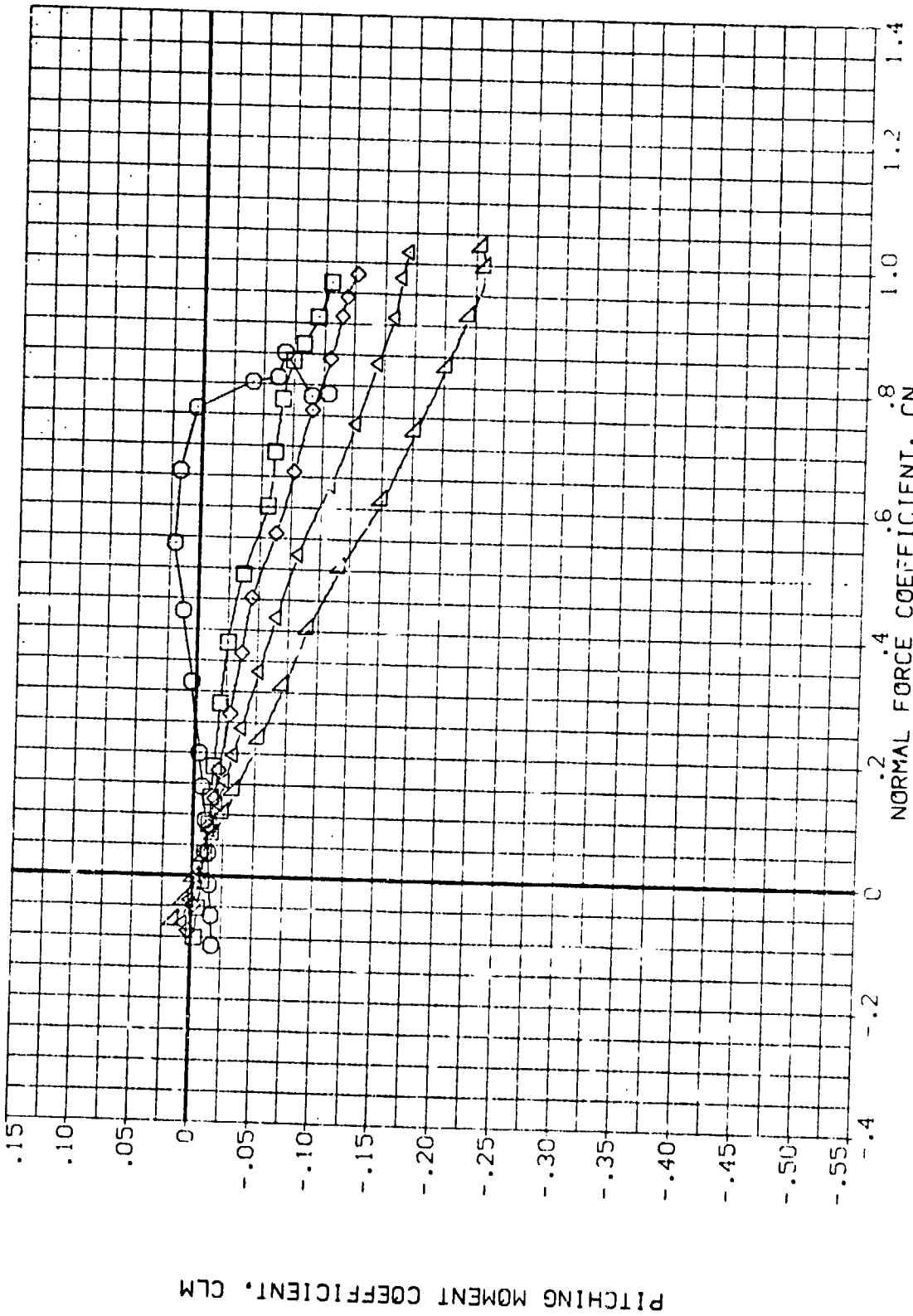


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A) (B) (C) (D) (E)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC001)	WING I	25-25-0008
(PNC005)	WING I	25-65-0008
(PNC004)	WING I	25-70-0008
(PNC003)	WING I	25-75-0008
(PNC002)	WING I	25-80-0008

AMES 12-086 (LAG5)
 AMES 12-086 (LAG5)
 AMES 12-086 (LAG5)
 AMES 12-086 (LAG5)

LESWP 25.000
 25.000
 25.000
 25.000

FILSWP 25.000
 65.000
 70.000
 80.000

T/C .080
 .080
 .080
 .080

GRITND 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

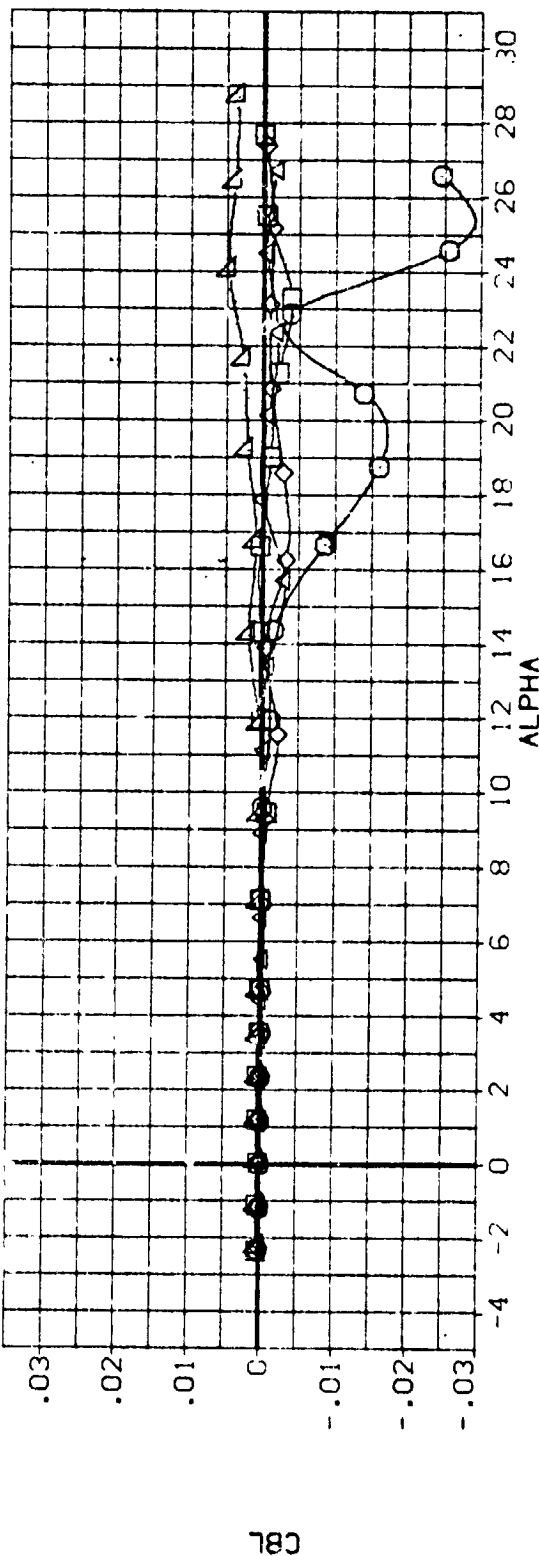
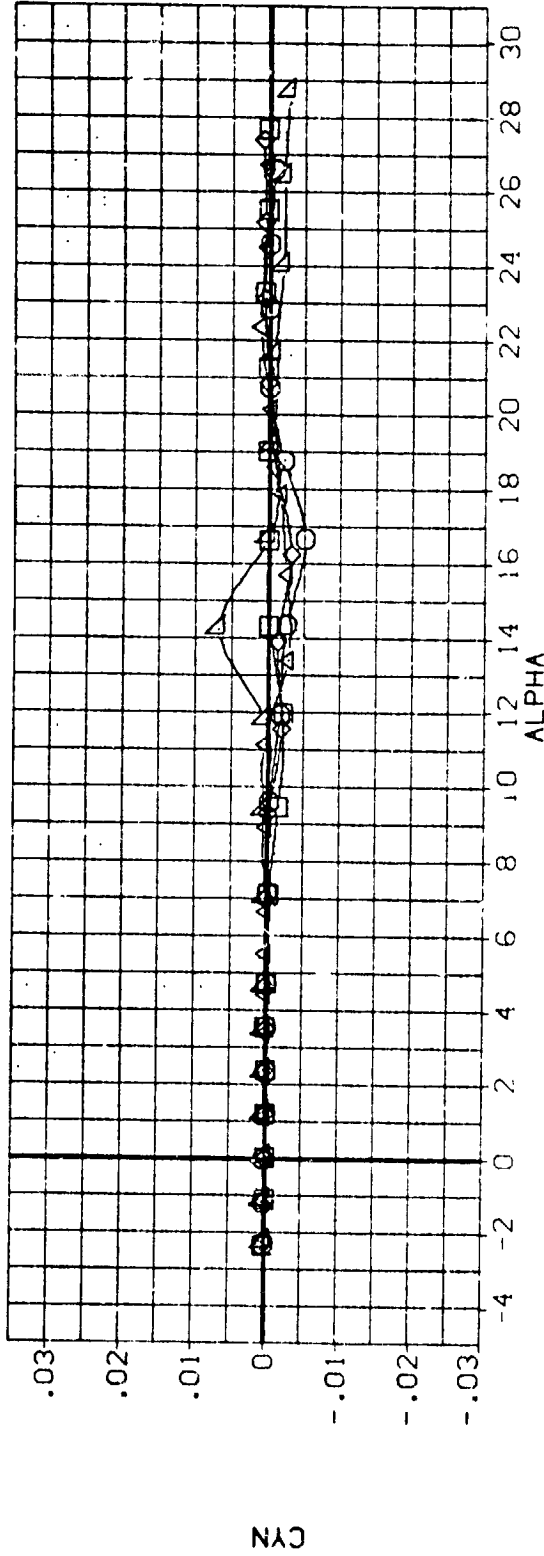


FIGURE 11. EFFECT OF WING FILLET SWEEP ANGLE (WING I)

(A)RN/FT = 8.00

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

LESWP	FI:SWP	T/C	GR:TN0
35.000	35.000	.080	120.000
35.000	45.000	.080	120.000
35.000	55.000	.080	120.000
35.000	60.000	.080	120.000
35.000	65.000	.080	120.000

DATA SET SYMBOL	CONF:GURA:TION DESCRIPTION	AMES	LA65
(PNC010)	WING II 35-35-0008	AMES 12-086	(LA65)
(PNC017)	WING II 35-45-0008	AMES 12-086	(LA65)
(PNC016)	WING II 35-55-0008	AMES 12-086	(LA65)
(PNC015)	WING II 35-60-0008	AMES 12-086	(LA65)
(PNC014)	WING II 35-65-0008	AMES 12-086	(LA65)

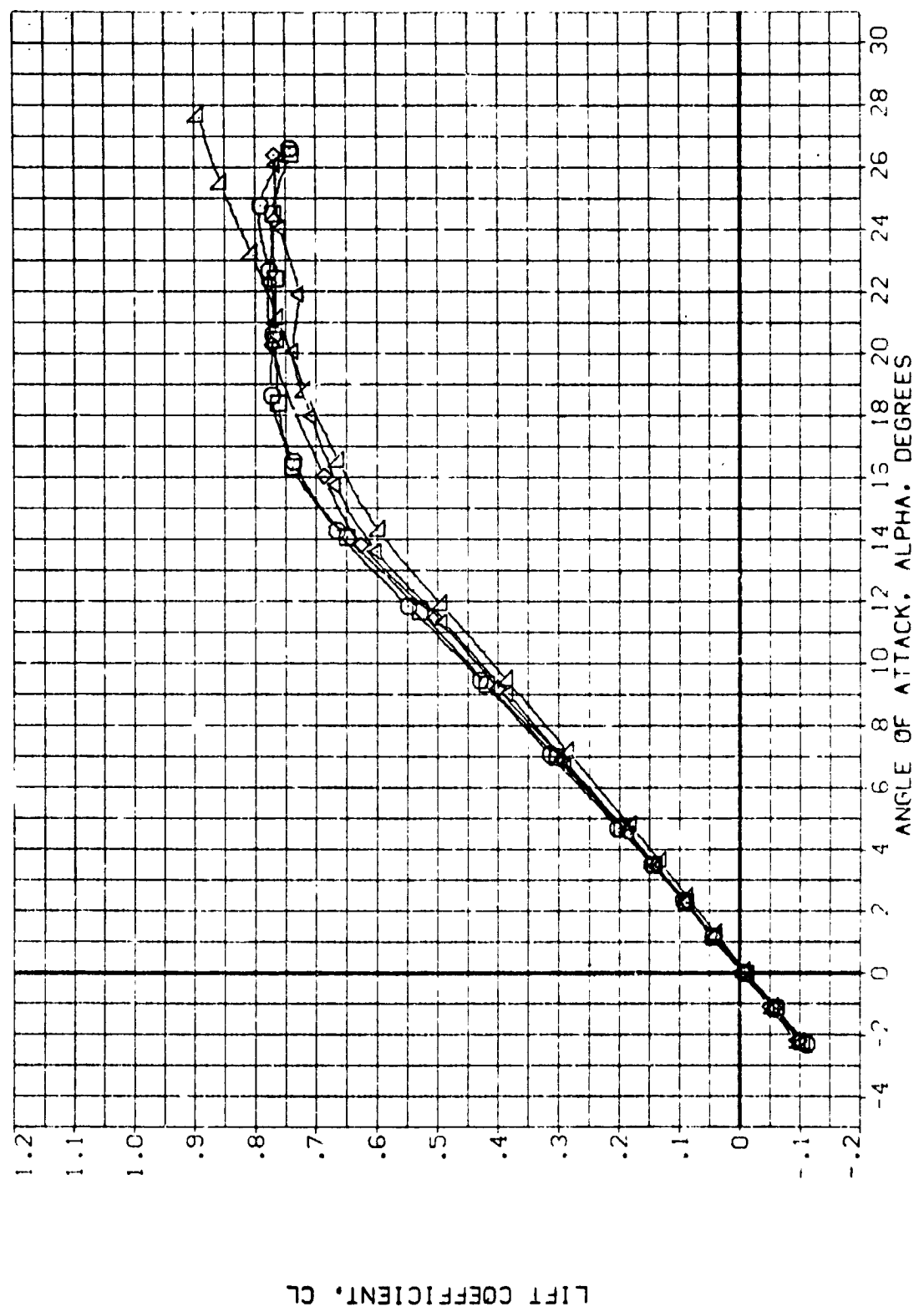


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC016) WING II 35-35-0008
(PNC017) WING II 35-45-0008
(PNC018) WING II 35-55-0008
(PNC019) WING II 35-60-0008
(PNC014) WING II 35-65-0008

AMES 12-0-6 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)

LESWP 35.000
35.000
35.000
60.000
65.000

FILSWP 35.000
45.000
55.000
60.000
65.000

T/C .080
.080
.080
.080
.080

GRITMG 120.000
120.000
120.000
120.000
120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

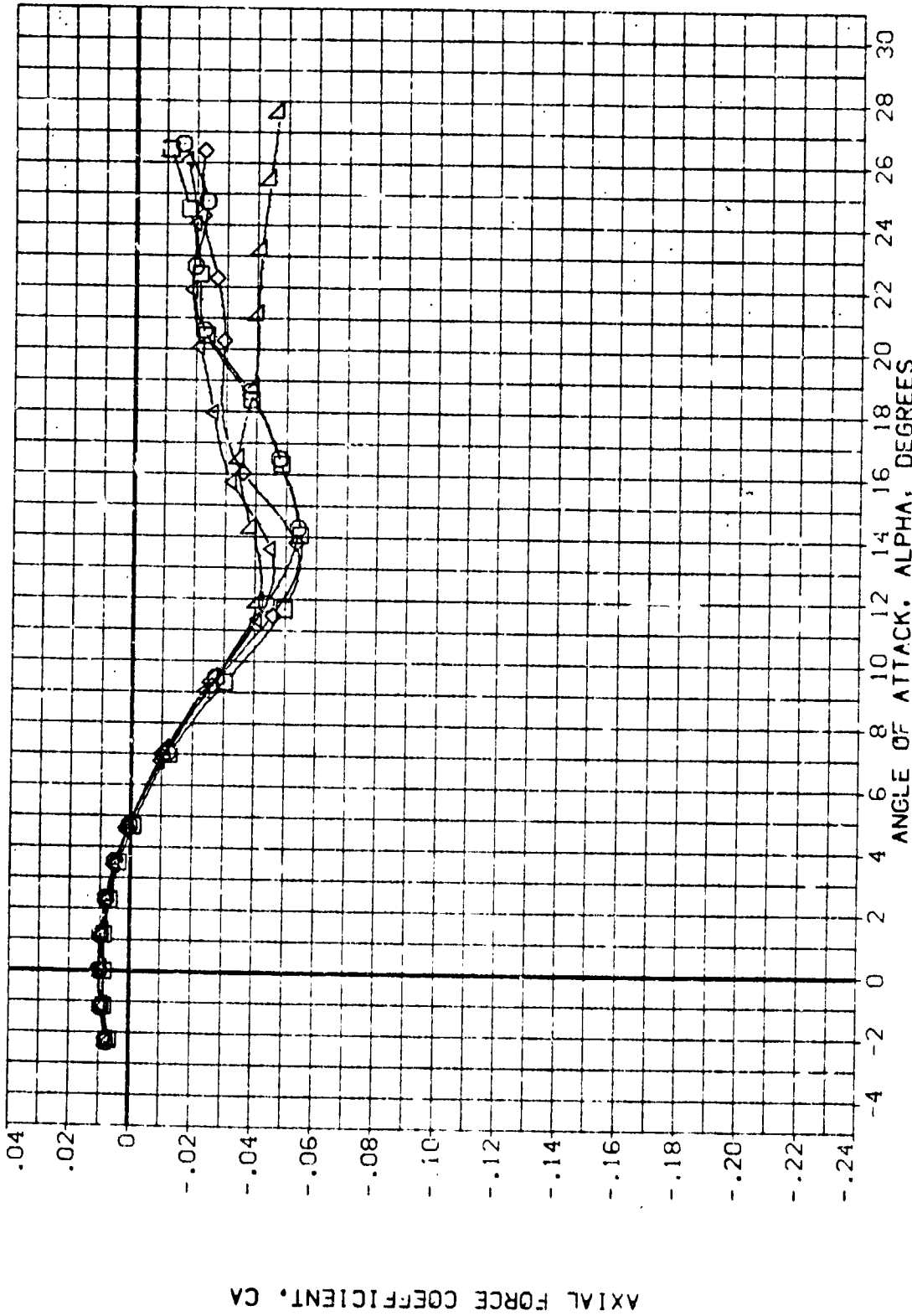


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

SEE THE ASSOCIATED DATA
 TABLES FOR MESSAGE
 INDIVIDUAL DATA'S

DATE 01 01 0000
 TIME 12 00 00
 PAGE 01 00

FILE NO 1000
 FILE NAME 1000

FILE NO 1000
 FILE NAME 1000

FILE NO 1000
 FILE NAME 1000

FILE NO 1000
 FILE NAME 1000

FILE NO 1000
 FILE NAME 1000

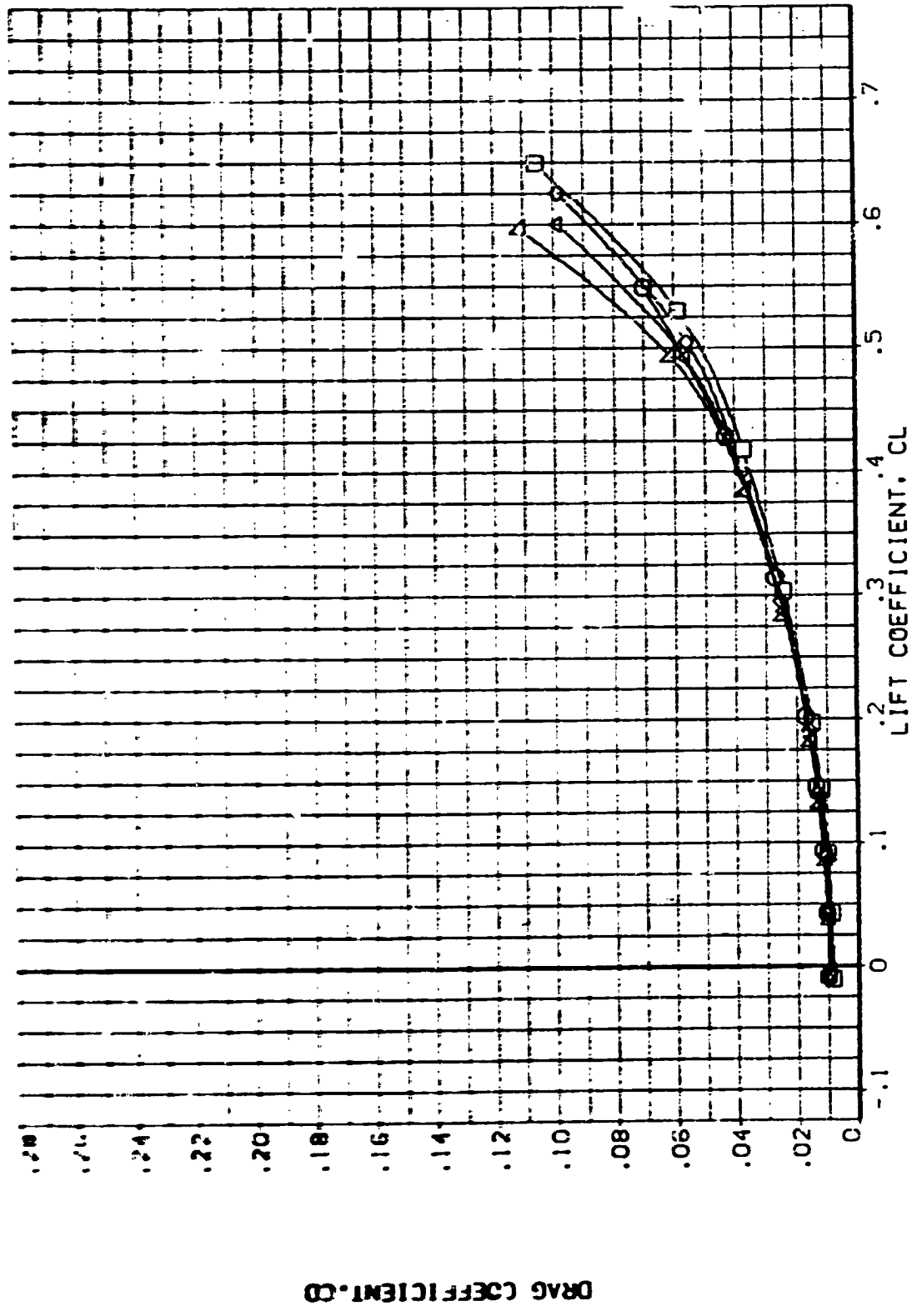


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

CARJN/FT - 8.00

2

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESVP	FILSWP	T/L	GRITNG	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC010)	WING II 35-35-0008	AMES 12-086 (LA65)	35.000	35.000	.080	120.000	
(PNC017)	WING II 35-45-0008	AMES 12-086 (LA65)	35.000	45.000	.080	120.000	
(PNC016)	WING II 35-55-0008	AMES 12-086 (LA65)	35.000	55.000	.080	120.000	
(PNC015)	WING II 35-60-0008	AMES 12-086 (LA65)	35.000	60.000	.080	120.000	
(PNC014)	WING II 35-65-0008	AMES 12-086 (LA65)	35.000	65.000	.080	120.000	

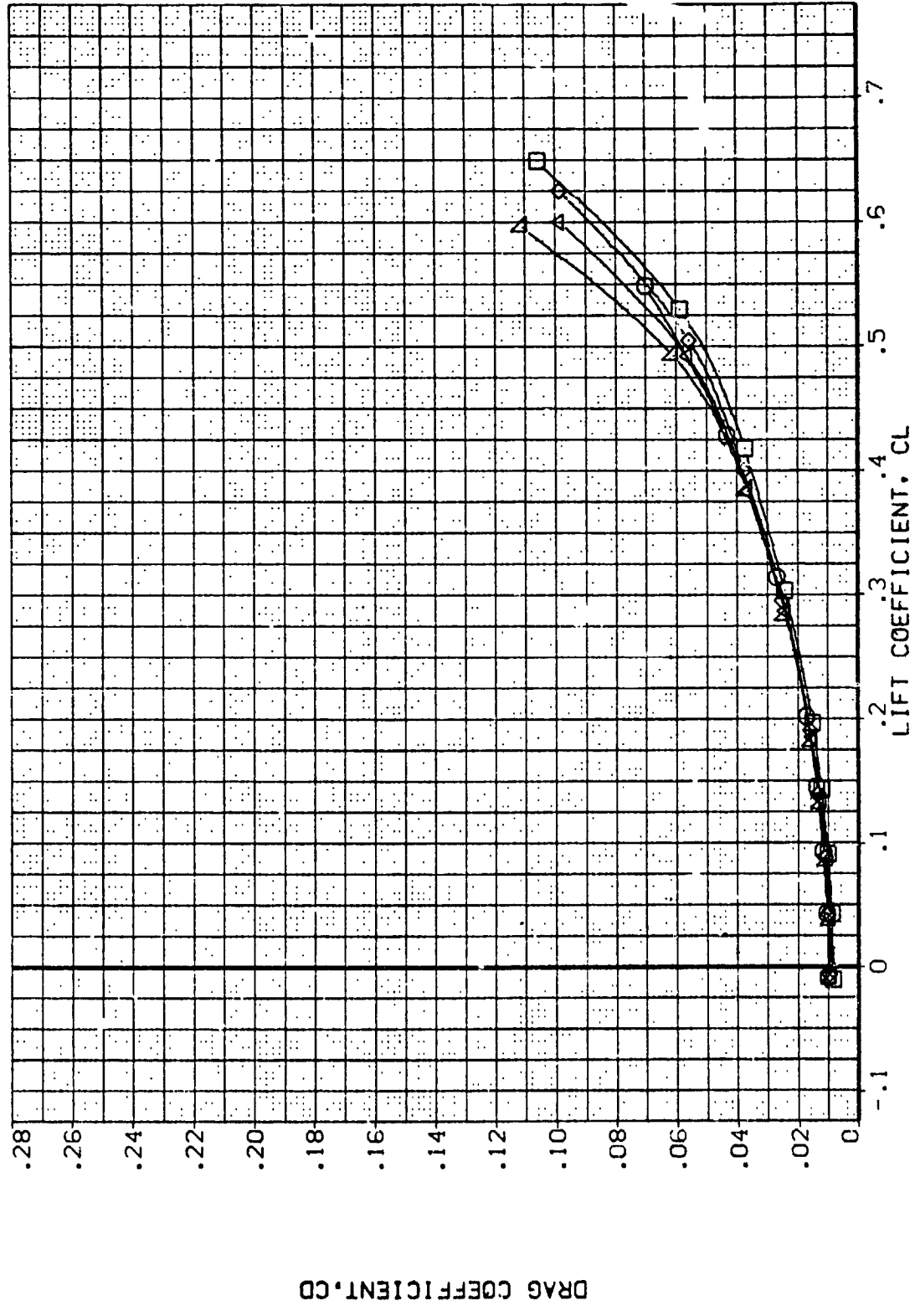


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A) RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC010) WING II 35-35-0008

(PNC017) WING II 35-45-0008

(PNC016) WING II 35-55-0008

(PNC015) WING II 35-60-0008

(PNC014) WING II 35-65-0008

AMES 12-086 (LAGE)

AMES 12-086 (LAGE)

AMES 12-086 (LAGE)

AMES 12-086 (LAGE)

LESVP 35.000

LESVP 35.000

LESVP 35.000

LESVP 35.000

LESVP 35.000

FILSWP 35.000

FILSWP 45.000

FILSWP 55.000

FILSWP 60.000

FILSWP 65.000

T/C .080

T/C .080

T/C .080

T/C .080

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

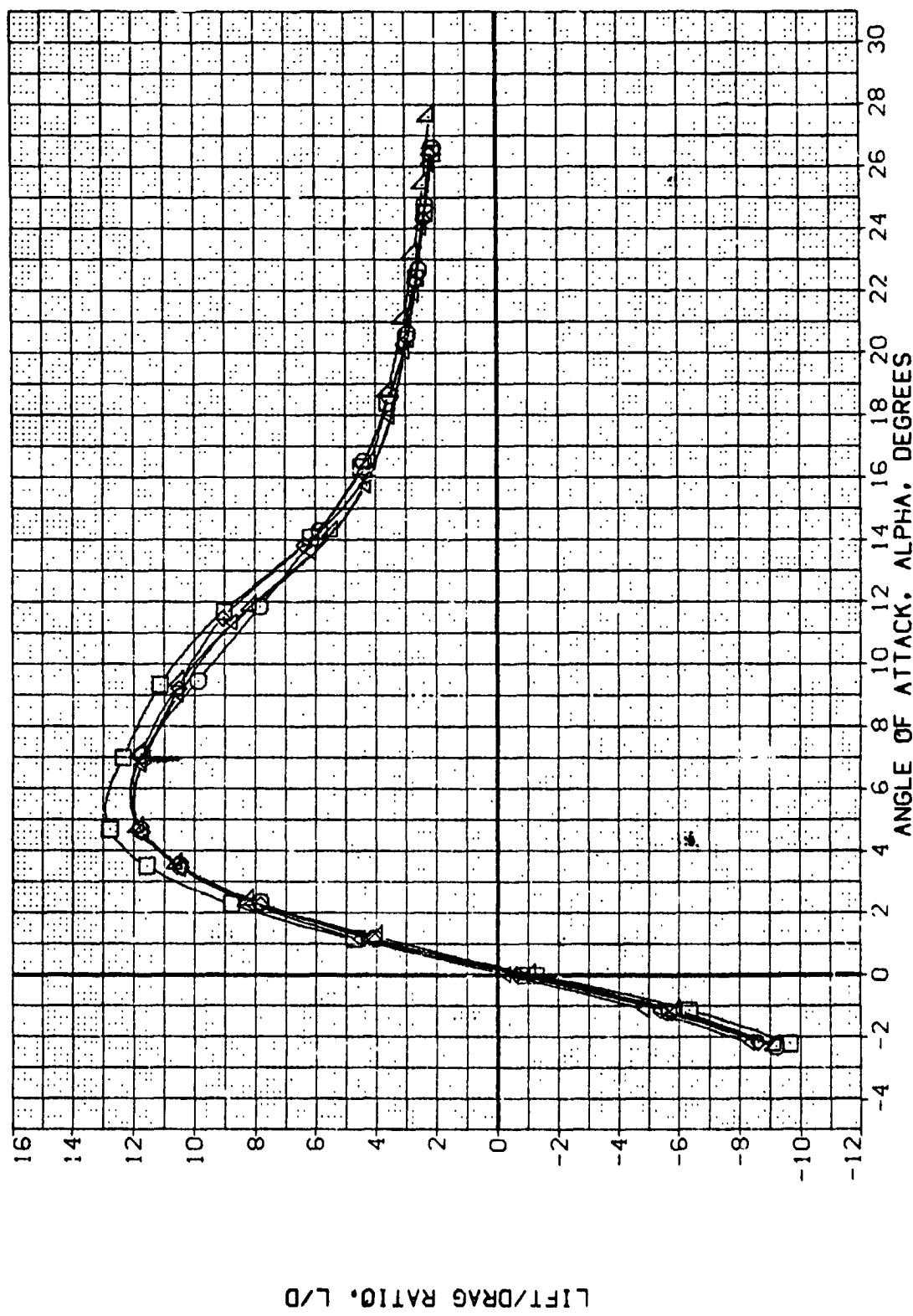


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNG SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNG
(PNC010)	WING II 35-35-0008	AMES 12-086 (LA65)	35.000	35.000	.080	120.000
(PNC017)	WING II 35-45-0009	AMES 12-086 (LA65)	35.000	45.000	.080	120.000
(PNC016)	WING II 35-55-0108	AMES 12-086 (LA65)	35.000	55.000	.080	120.000
(PNC015)	WING II 35-60-2008	AMES 12-086 (LA65)	35.000	60.000	.080	120.000
(PNC014)	WING II 35-65-0008	AMES 12-086 (LA65)	35.000	65.000	.080	120.000

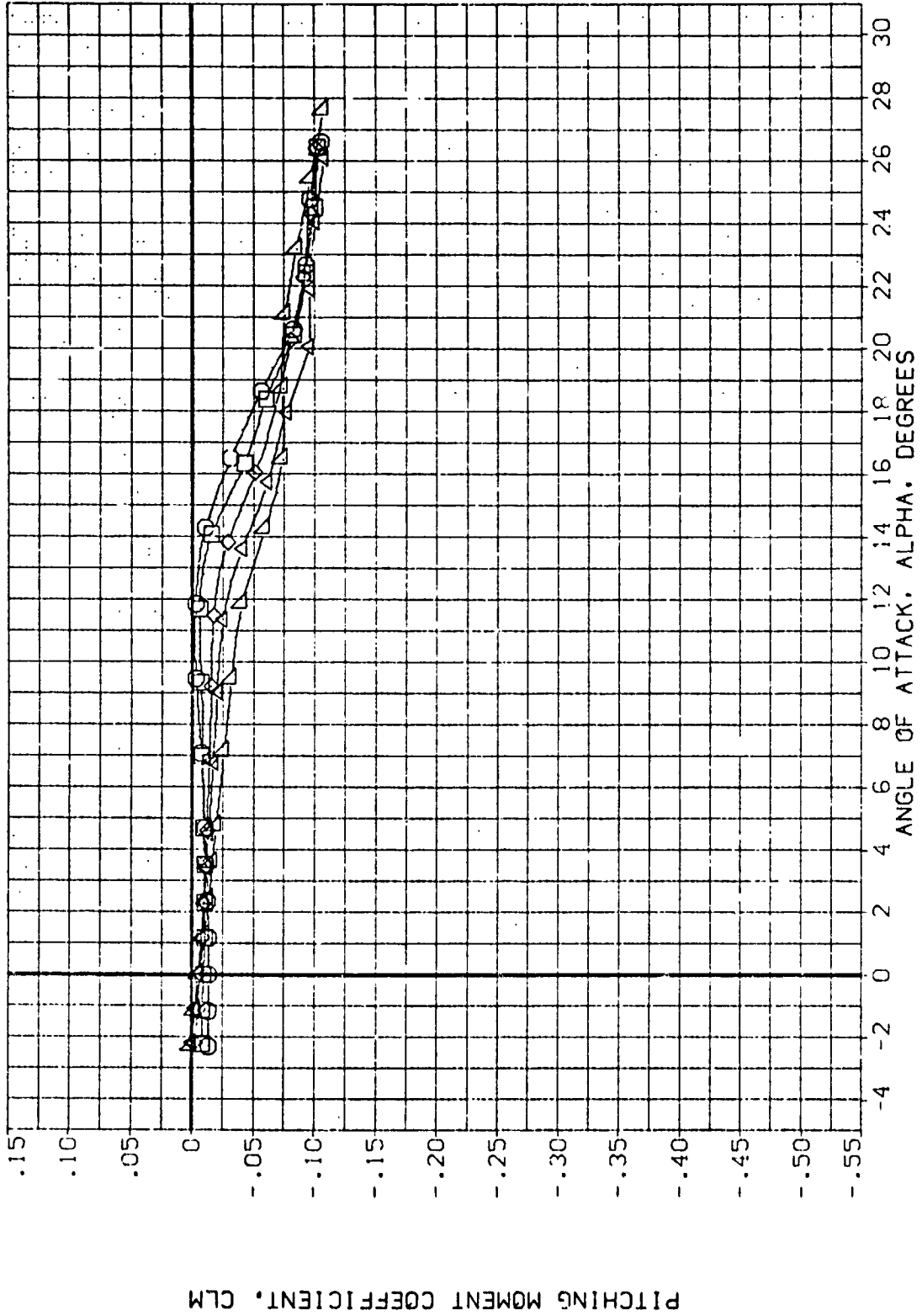


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC010)	WING II	35-35-0008
(PNC017)	WING III	35-45-0008
(PNC016)	WING III	35-55-0008
(PNC015)	WING III	35-60-0008
(PNC014)	WING II	35-65-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESVP 35.000
 35.000
 35.000
 35.000
 35.000

FILSWP 35.000
 45.000
 55.000
 60.000
 65.000

T/C .060
 .080
 .080
 .080
 .080

GRITND 120.000
 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

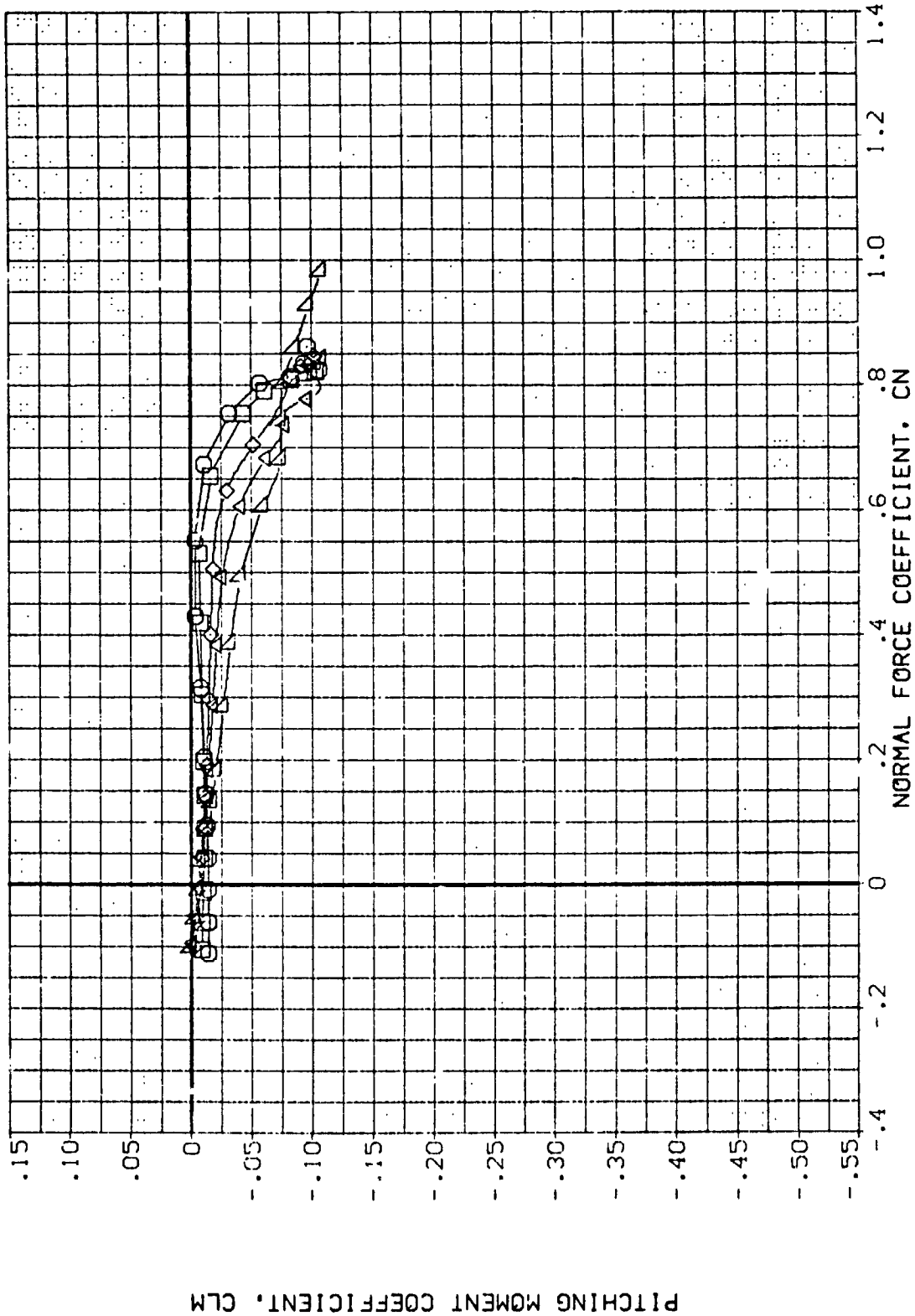


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC013) WING II 35-35-0008
 (PNC017) WING II 35-45-0008
 (PNC016) WING II 35-53-0008
 (PNC015) WING II 35-60-0008
 (PNC014) WING II 35-65-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 LESWF 35.000
 35.000
 35.000
 35.000
 FILSWP 35.000
 45.000
 55.000
 60.000
 65.000
 T/C .080
 .080
 .080
 .080
 GRITNG 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

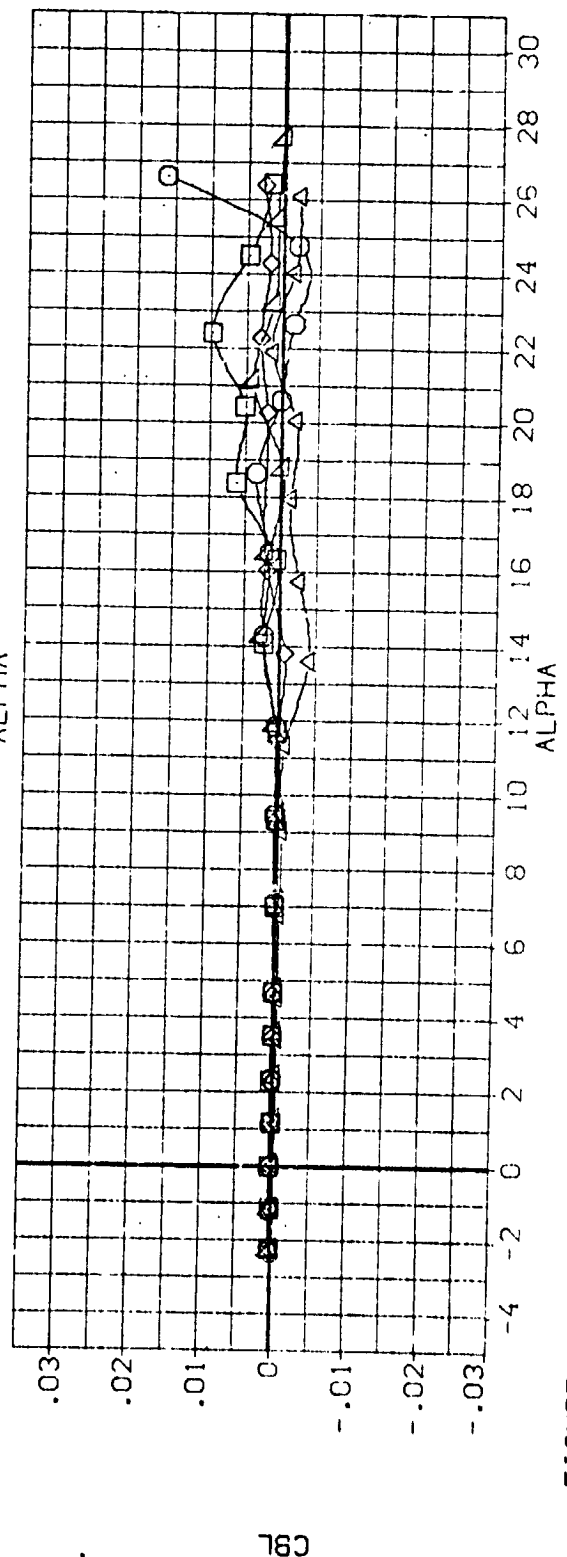
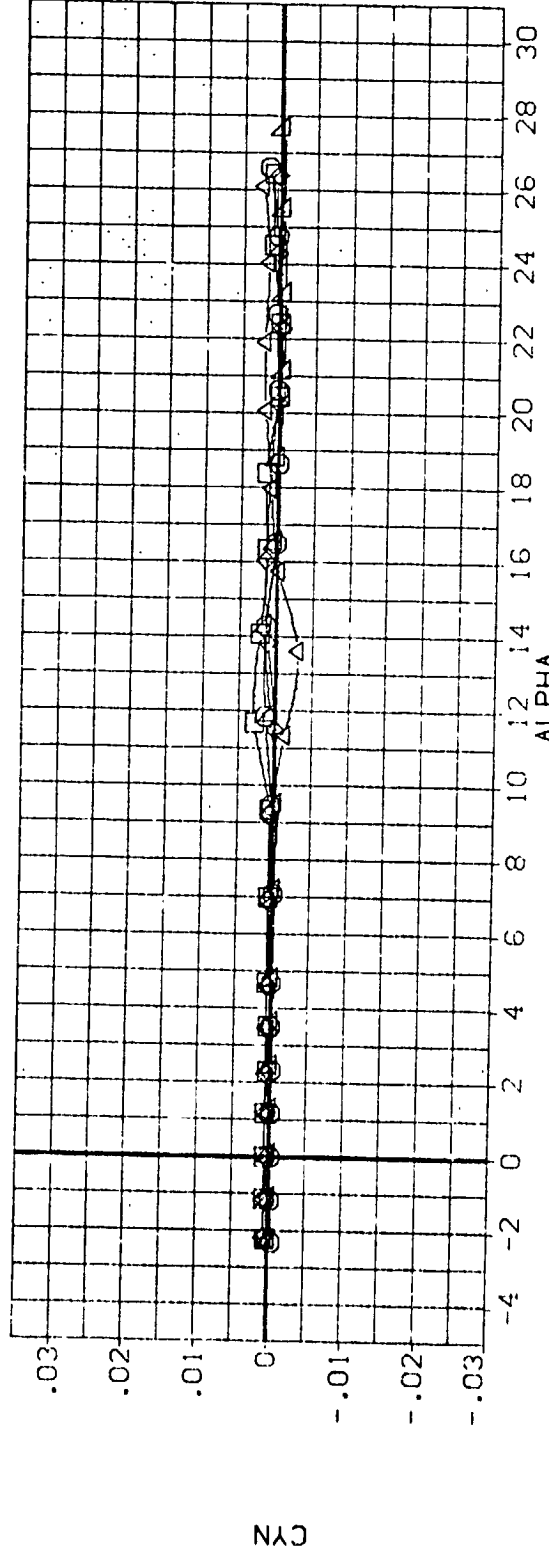


FIGURE 12. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(AIR)/VET # 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LAGS) LESWP FILSWP T/C GRITND SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LAGS)	LESWP	FILSWP	T/C	GRITND
(PNC010)	WING II 35-35-0008	AMES 12-086 (LAGS)	35.000	35.000	.080	120.000
(PNC013)	WING II 35-70-0008	AMES 12-086 (LAGS)	35.000	70.000	.080	120.000
(PNC012)	WING II 35-75-0008	AMES 12-086 (LAGS)	35.000	75.000	.080	120.000
(PNC011)	WING II 35-80-0008	AMES 12-086 (LAGS)	35.000	80.000	.080	120.000

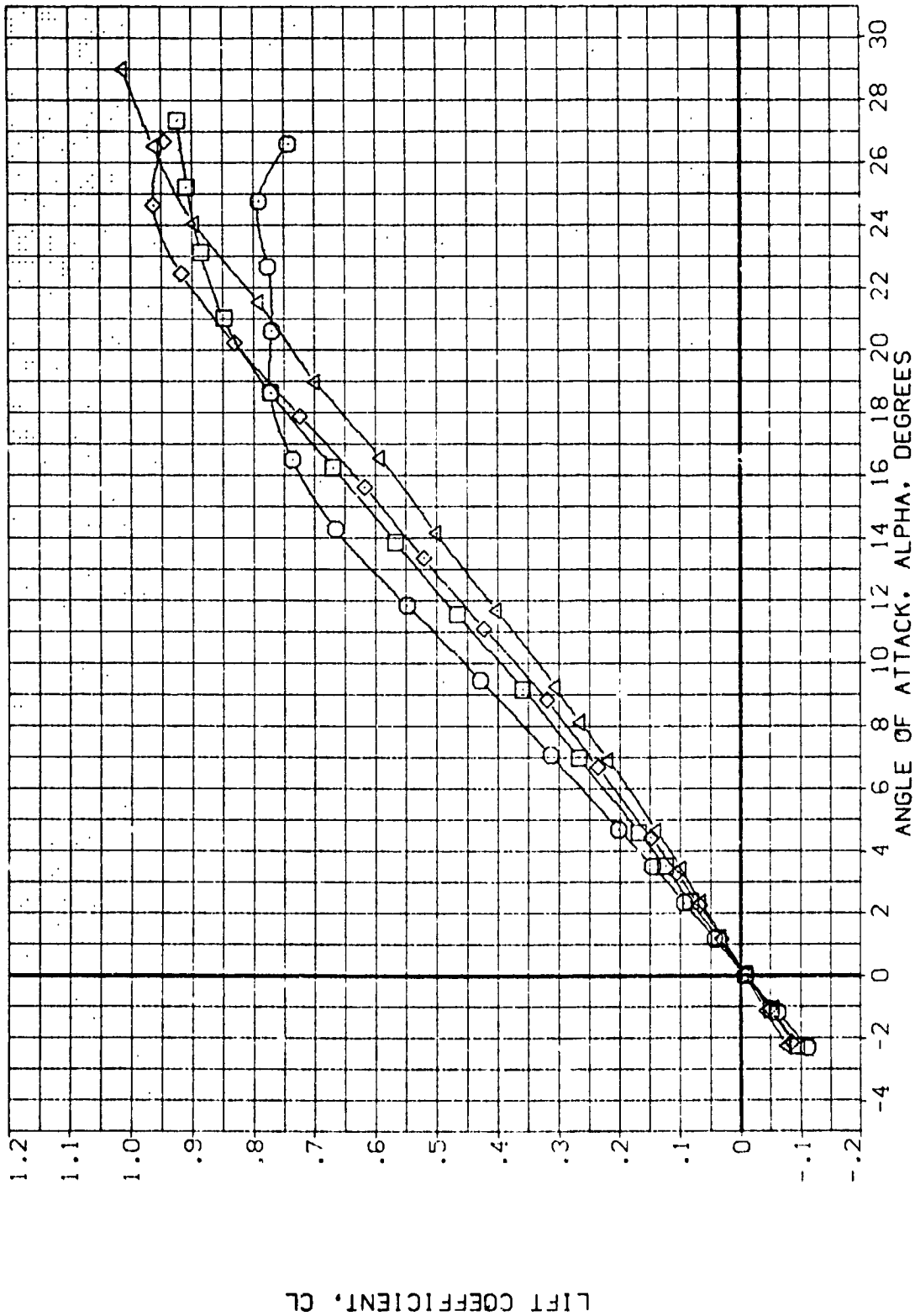


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESVP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC010)	WING II 35-35-0008	35.000	35.000	.080	120.000	
(PNC013)	WING II 35-70-0008	35.000	70.000	.080	120.000	
(PNC012)	WING II 35-75-0008	35.000	75.000	.080	120.000	
(PNC011)	WING II 35-80-0008	35.000	80.000	.080	120.000	
	AMES 12-086 (LA65)					
	AMES 12-085 (LA65)					
	AMES 12-086 (LA65)					
	AMES 12-086 (LA65)					

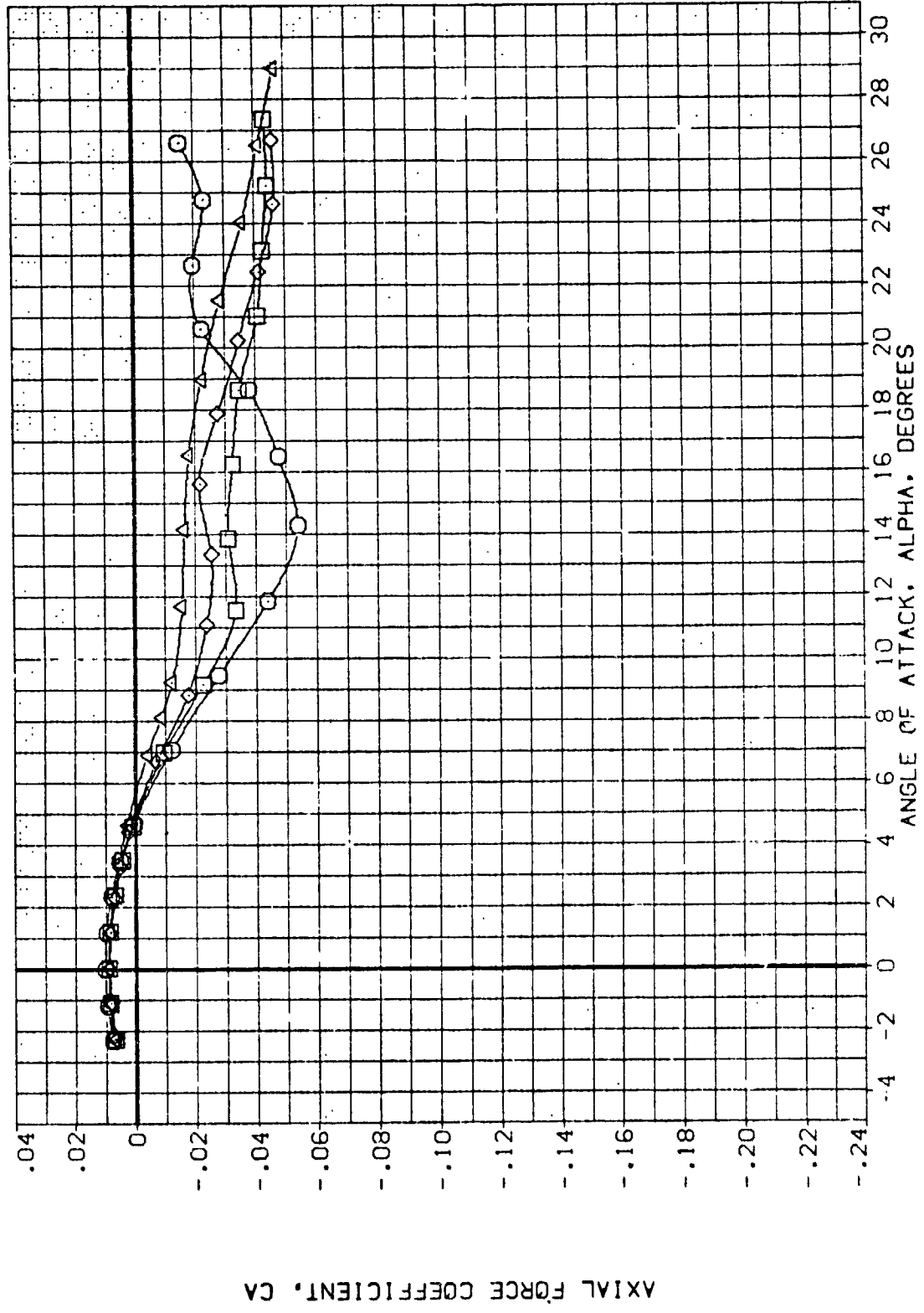


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A) REFINET = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING 11 35-35-0008
 (PNC011) WING 11 35-70-0008
 (PNC012) WING 11 35-75-0008
 (PNC013) WING 11 35-80-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)
 AMES 12-086 (LAB5)

LESWP 35.000
 35.000
 35.000
 35.000

FILSWP 35.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080

GRITND 120.000
 120.000
 120.000
 120.000

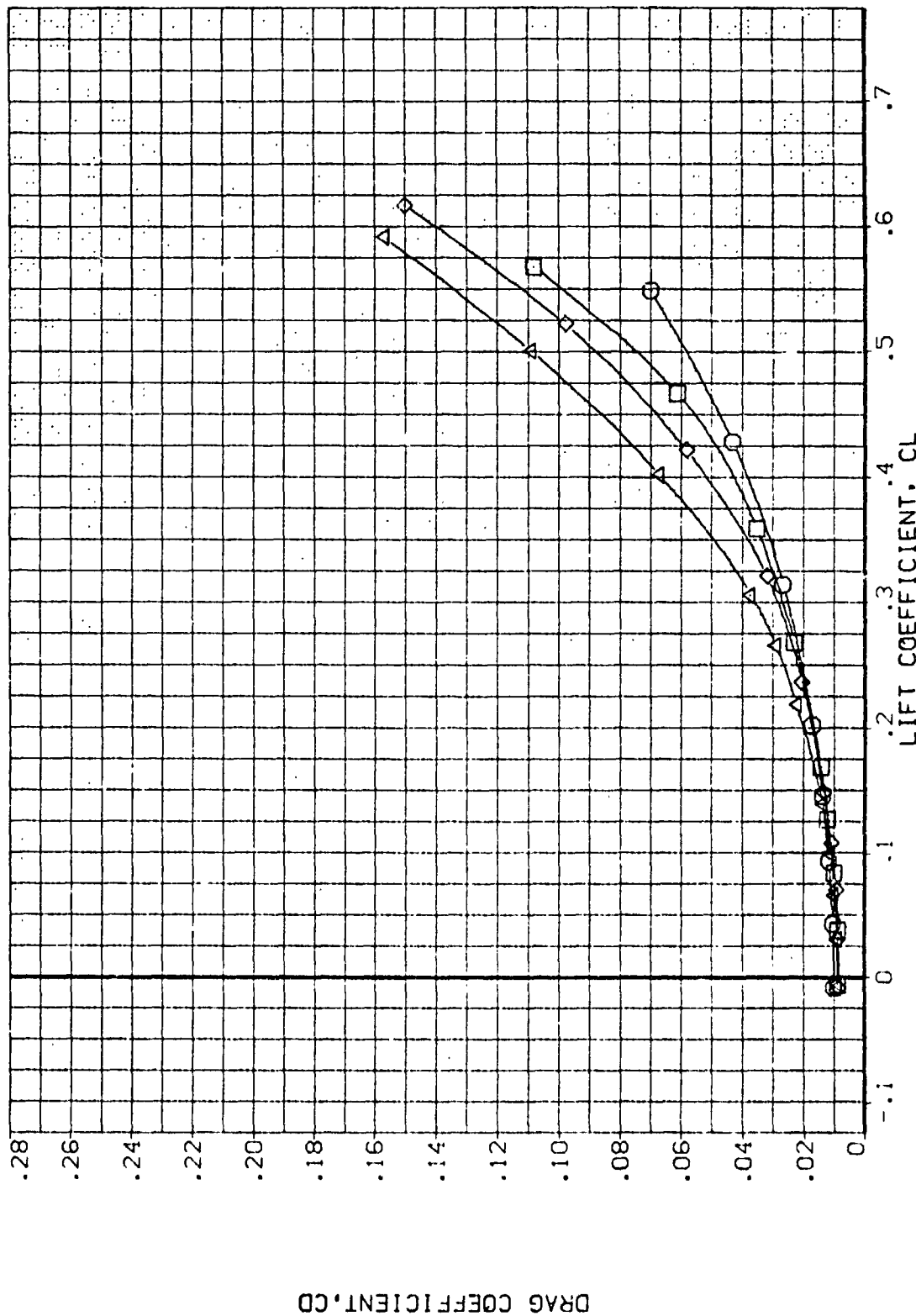


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
(PNC010)	WING II 35-35-0008	AMES 12-086 (LA65)	35.000	35.000	.080	120.000
(PNC013)	WING II 35-70-0008	AMES 12-086 (LA65)	35.000	70.000	.080	120.000
(PNC012)	WING II 35-75-0008	AMES 12-086 (LA65)	35.000	75.000	.080	120.000
(PNC011)	WING II 35-80-0008	AMES 12-086 (LA65)	35.000	80.000	.080	120.000

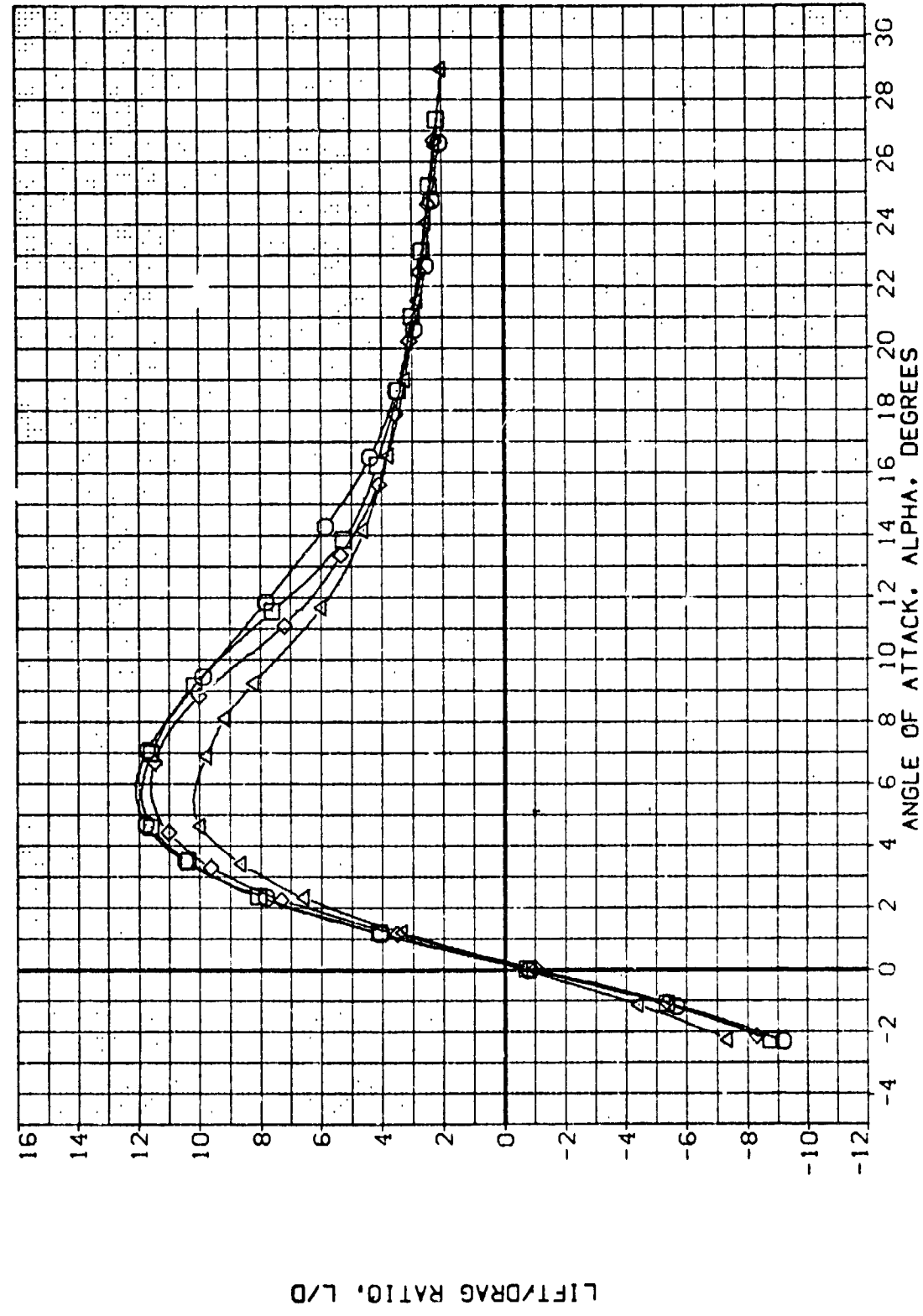


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

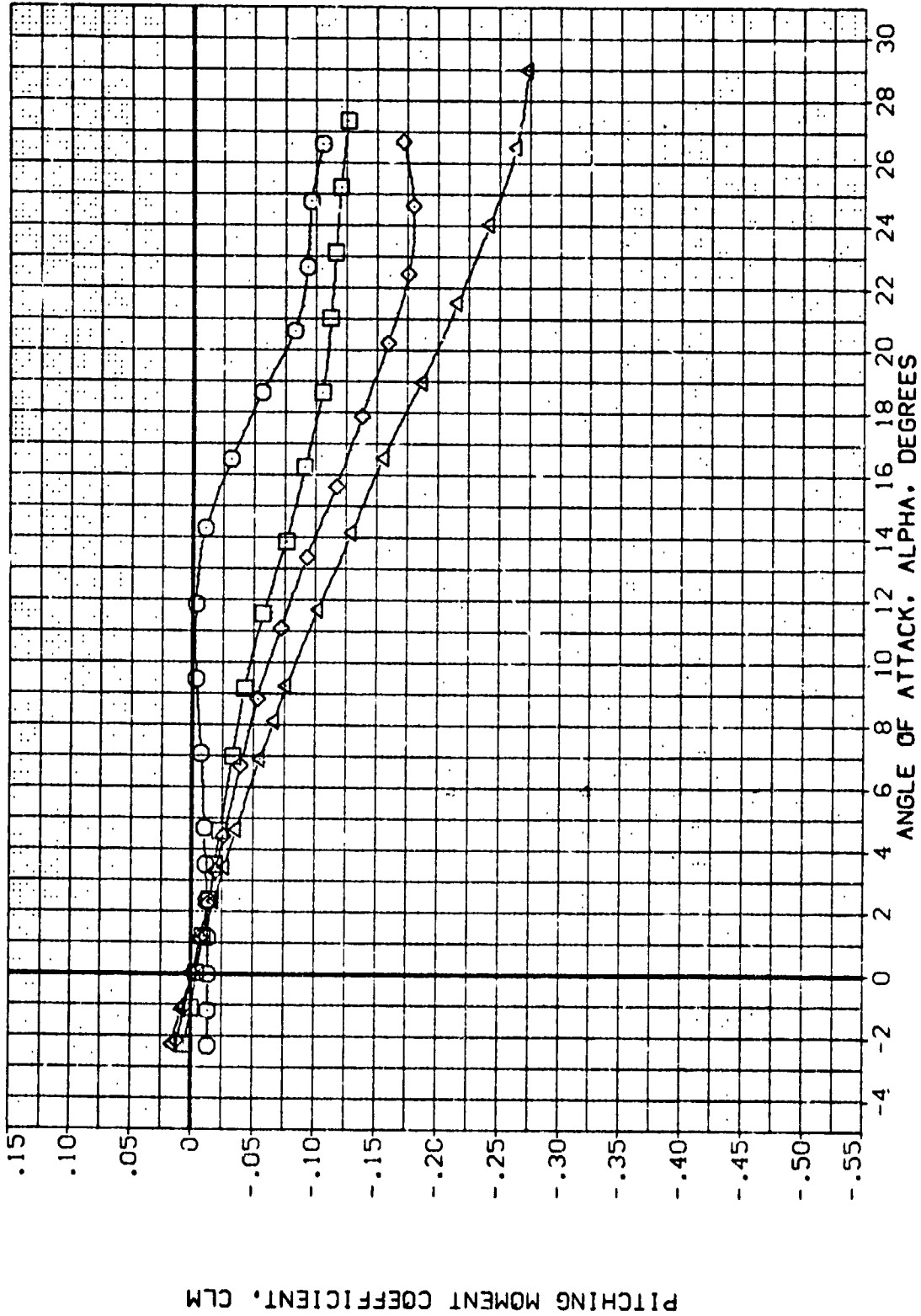
(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING II 35-35-0008
 (PNC013) WING III 35-70-0008
 (PNC012) WING III 35-75-0008
 (PNC011) WING II 35-80-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP FILSWP T/C GRITING
 35.000 35.000 .080 120.000
 35.000 70.000 .080 120.000
 35.000 75.000 .080 120.000
 35.000 80.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



PITCHING MOMENT COEFFICIENT, CLM

FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC010) WING II 35-35-0008
 (PNC011) WING II 35-70-0008
 (PNC012) WING II 35-75-0008
 (PNC011) WING II 35-80-0008

AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)

LESWP FILSWP T/C GRITND
 35.000 35.000 .080 120.000
 35.000 70.000 .030 120.000
 35.000 75.000 .080 120.000
 35.000 80.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

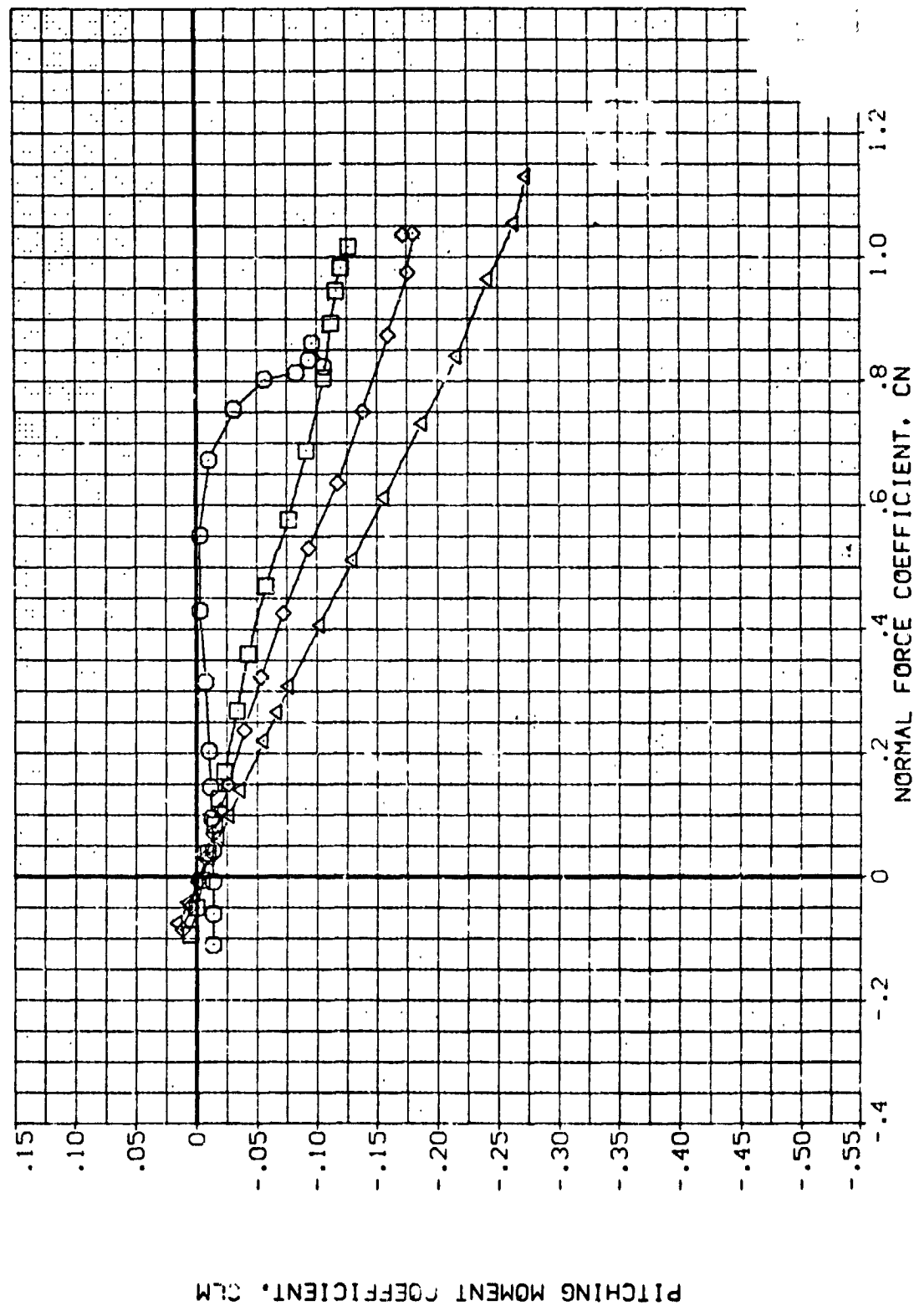


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PAC010) WING II 35-35-0008
 (PAC011) WING II 35-70-0008
 (PAC012) WING II 35-75-0008
 (PAC013) WING II 35-80-0008

ANES 12-086 (LA65)
 APES 12-086 (LA63)
 APES 12-086 (LA65)
 A'S 12-086 (LA65)

LESWP 35.000
 35.000
 35.000
 35.000

FILSWP 35.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080

GRITNG 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

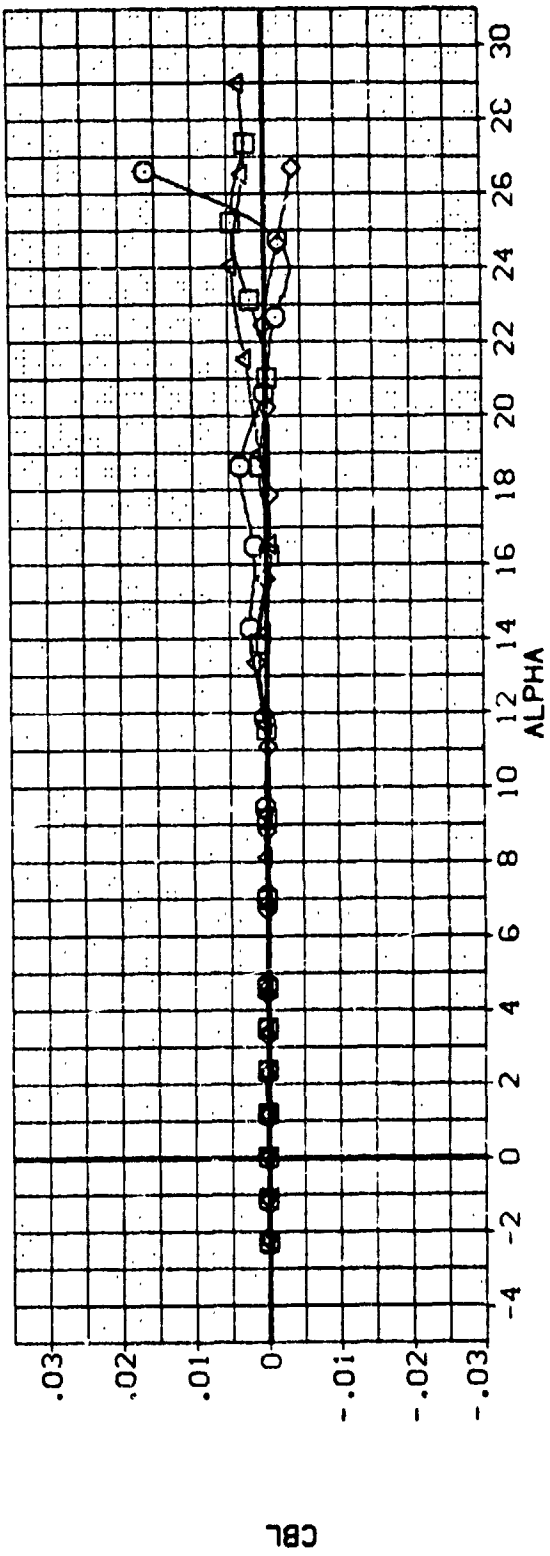
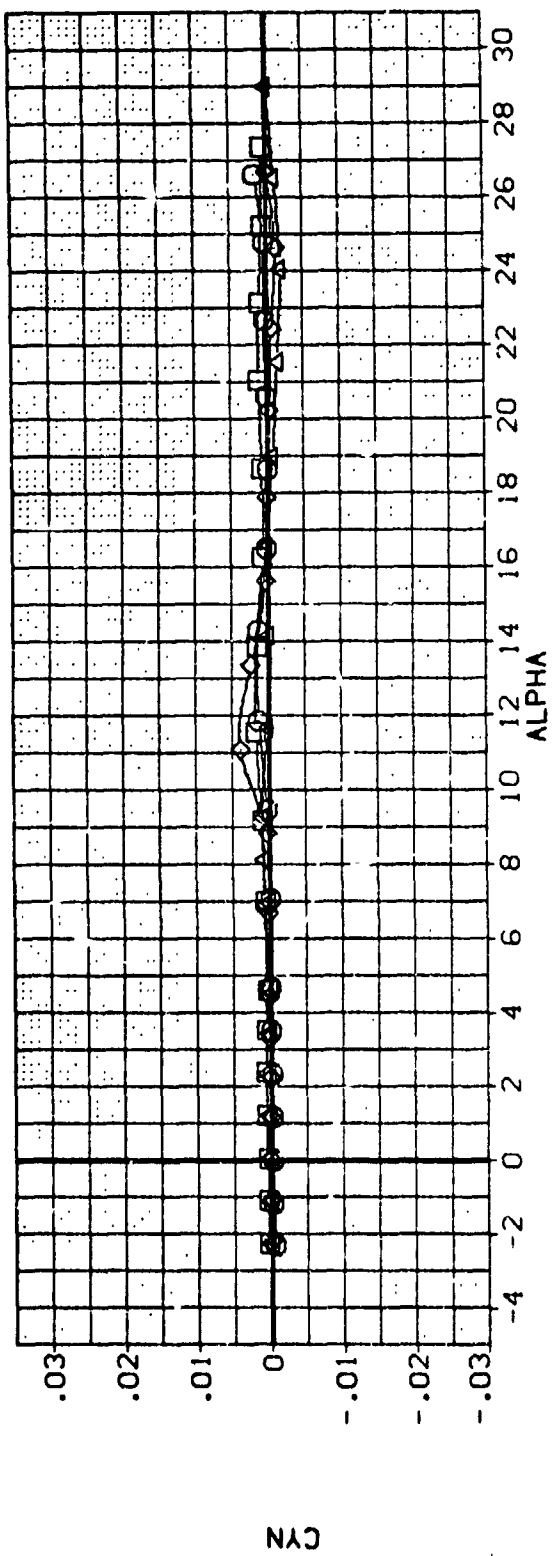


FIGURE 13. EFFECT OF WING FILLET SWEEP ANGLE (WING II)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESVP	FILSWP	T/C	GRITNO	SET THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000	
(PNC024)	WING III 45-55-0003	AMES 12-086 (LA65)	45.000	55.000	.080	120.000	
(PNC023)	WING III 45-60-0008	AMES 12-086 (LA65)	45.000	60.000	.080	120.000	
(PNC022)	WING III 45-65-0008	AMES 12-086 (LA65)	45.000	65.000	.080	120.000	

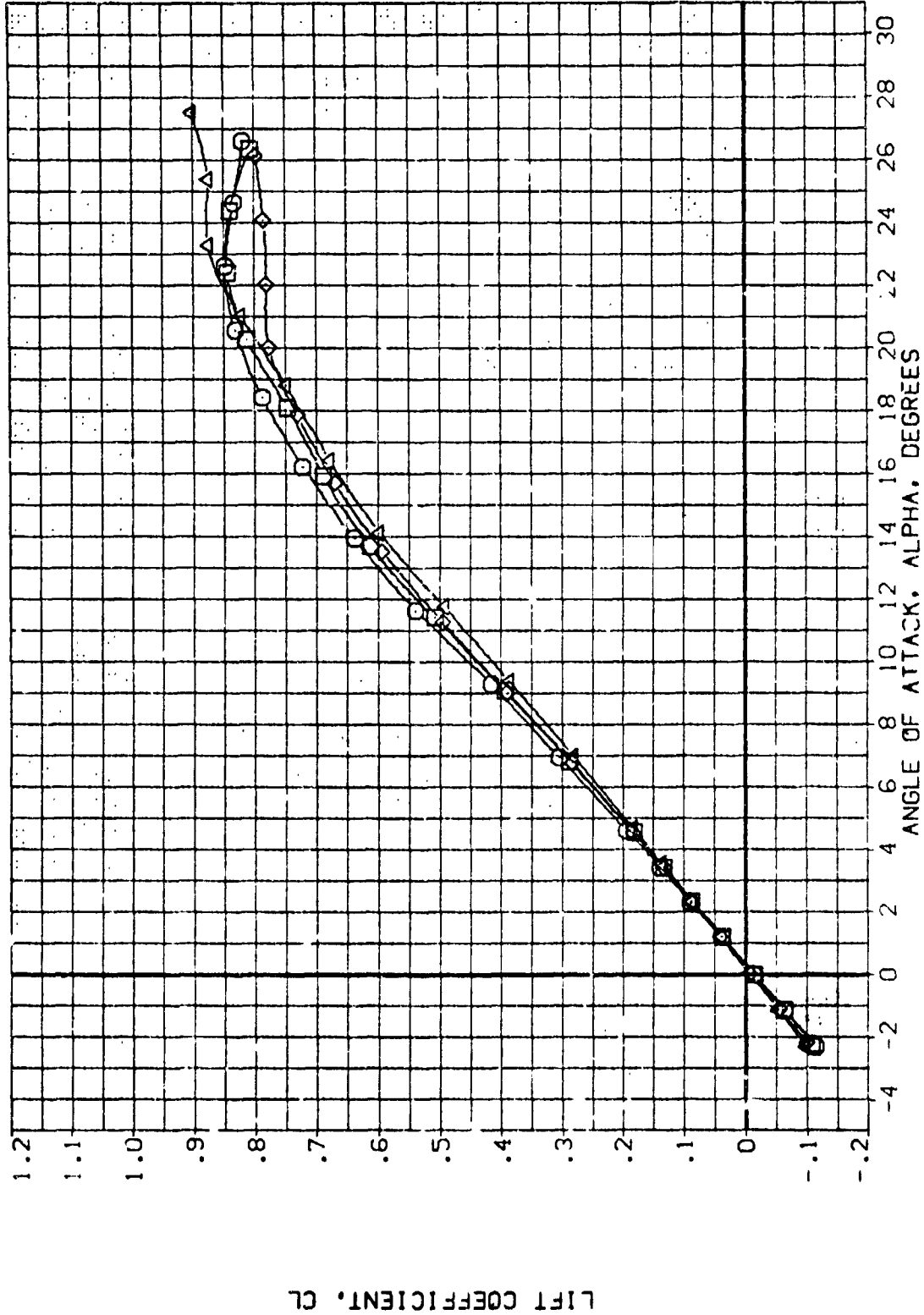


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)R/N/FI = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000
(PNC024)	WING III 45-55-0008	AMES 12-086 (LA65)	45.000	55.000	.080	120.000
(PNC023)	WING III 45-60-0008	AMES 12-086 (LA65)	45.000	60.000	.080	120.000
(PNC022)	WING III 45-65-0008	AMES 12-086 (LA65)	45.000	65.000	.060	120.000

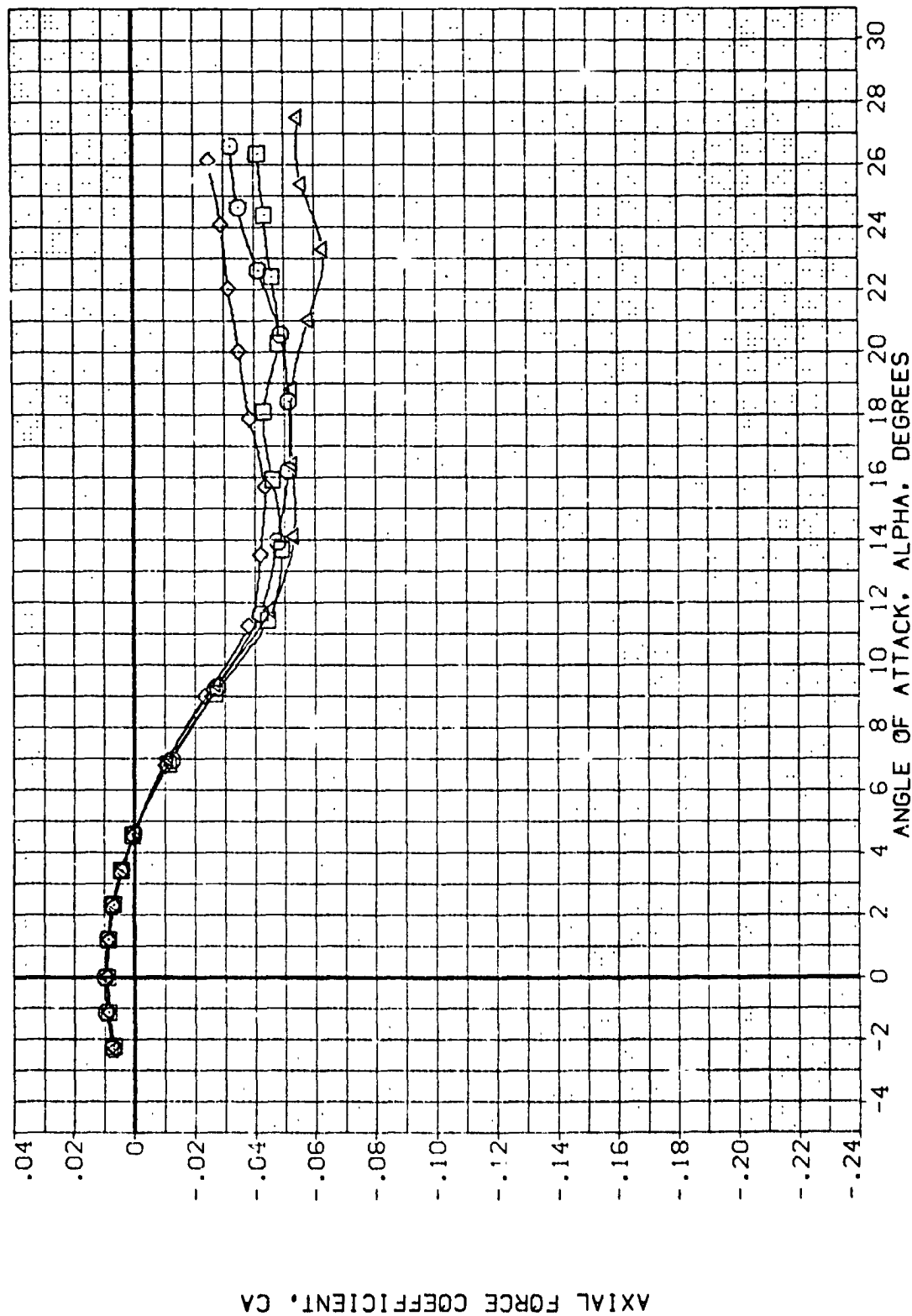


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000
(PNC024)	WING III 45-55-0008	AMES 12-086 (LA65)	45.000	55.000	.080	120.000
(PNC023)	WING III 45-60-0008	AMES 12-086 (LA65)	45.000	60.000	.080	120.000
(PNC022)	WING III 45-65-0008	AMES 12-086 (LA65)	45.000	65.000	.080	120.000

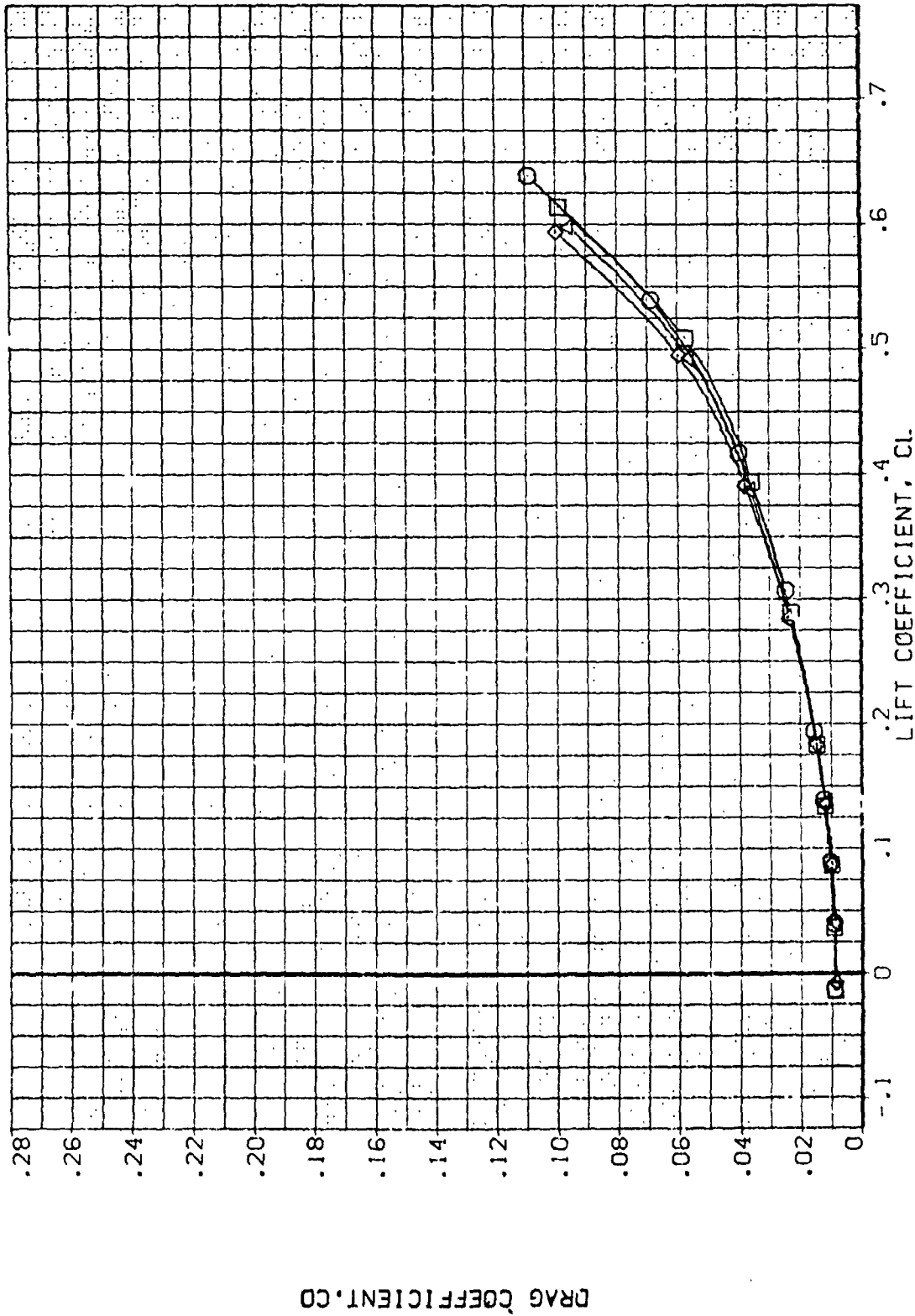


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC018) WING III 45-45-0008
 (PNC024) WING III 45-55-0008
 (PNC023) WING III 45-60-0008
 (PNC022) WING III 45-65-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESVP 45.000
 45.000
 45.000
 45.000

FILSVP 45.000
 55.000
 60.000
 65.000

T/C .080
 .080
 .080
 .080

GRITNG 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

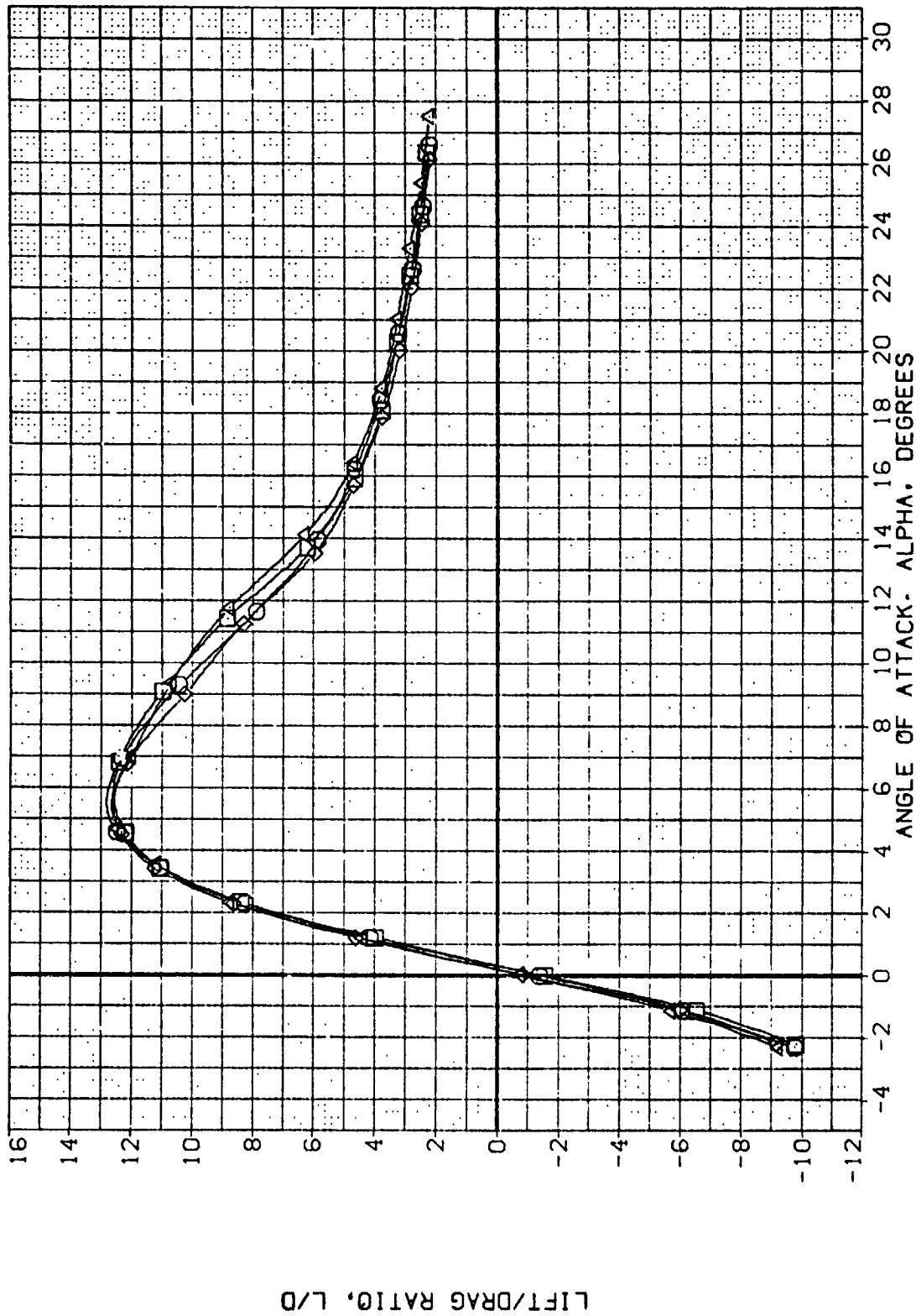


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

CAJRN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

(PNC018) WING III 45-45-0008 AMES 12-086 (LA65) 45.000 45.000 .080 120.000

(PNC024) WING III 45-55-0008 AMES 12-086 (LA65) 45.000 55.000 .080 120.000

(PNC023) WING III 45-60-0008 AMES 12-086 (LA65) 45.000 60.000 .080 120.000

(PNC022) WING III 45-65-0008 AMES 12-086 (LA65) 45.000 65.000 .080 120.000

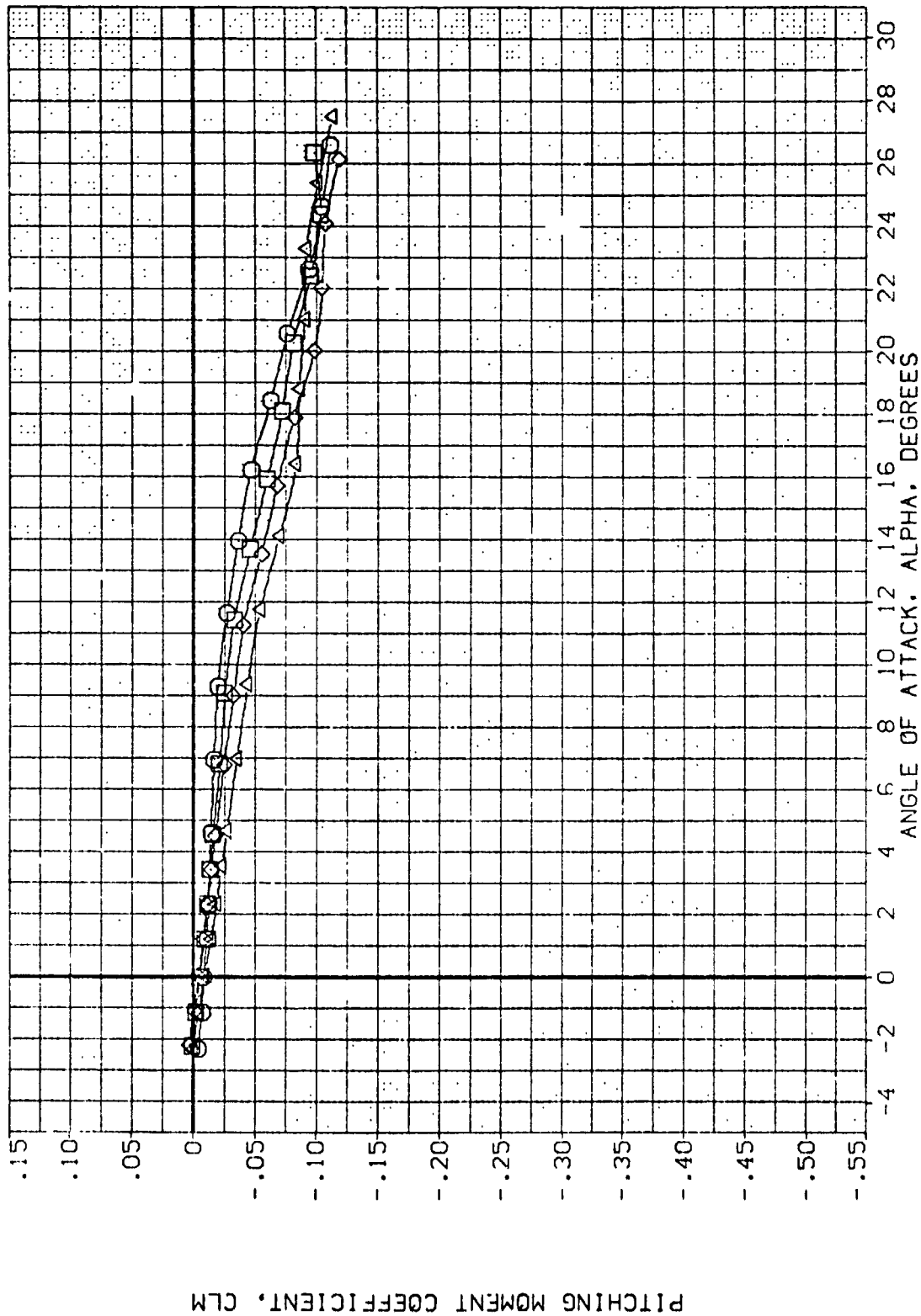


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)R/N/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC018) WING III 45-45-0008
 (PNC024) WING III 45-55-0008
 (PNC023) WING III 45-60-0008
 (PNC022) WING III 45-65-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP FILSWP T/C GRITNO
 45.000 45.000 .080 120.000
 45.000 55.000 .080 120.000
 45.000 60.000 .080 120.000
 45.000 65.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

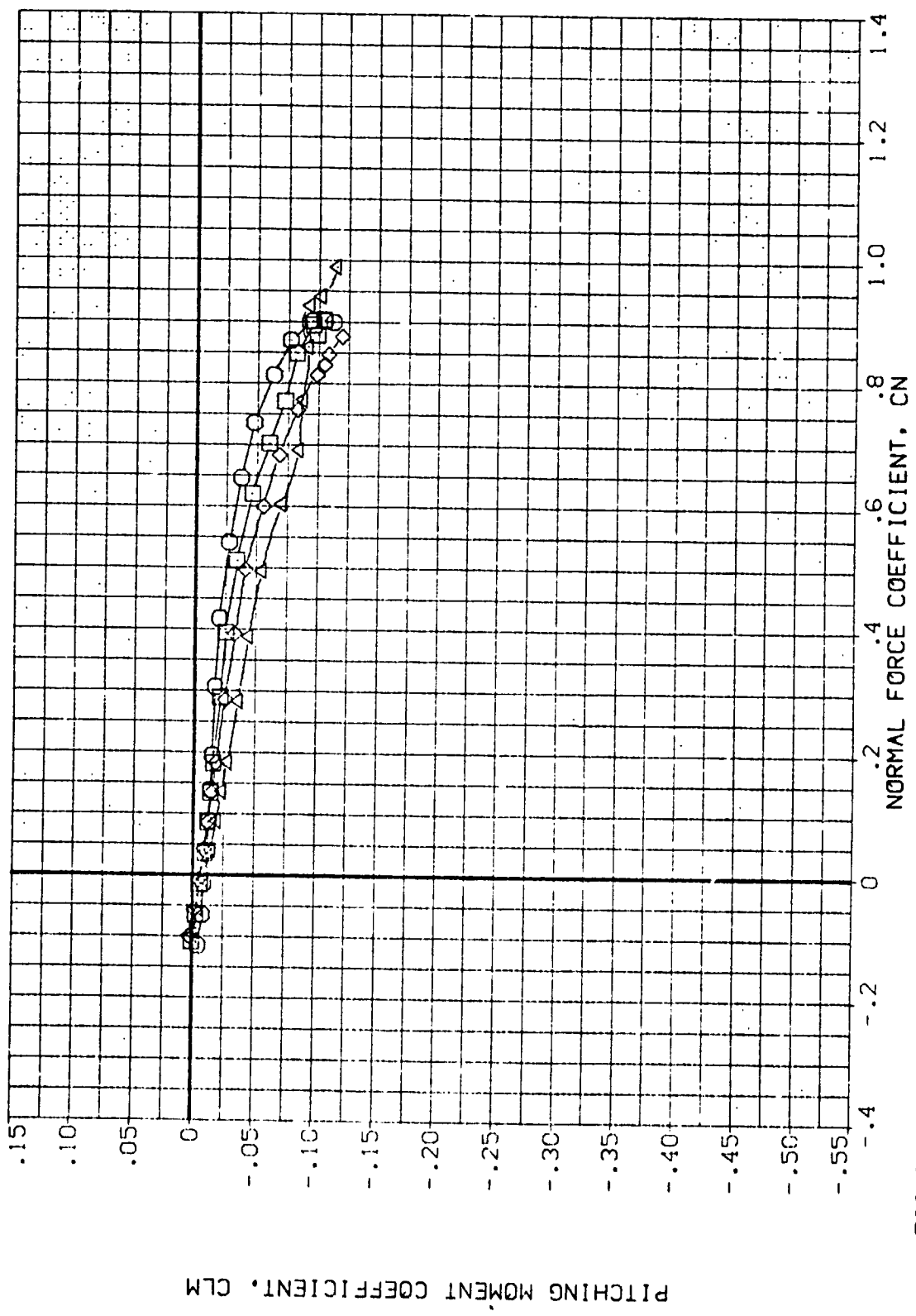


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(AJRN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC018)	WING III 45-45-0008	45.000	45.000	.080	120.000		
(PNC024)	WING III 45-55-0008	45.000	55.000	.080	120.000		
(PNC023)	WING III 45-60-0008	45.000	60.000	.080	120.000		
(PNC022)	WING III 45-65-0008	45.000	65.000	.080	120.000		

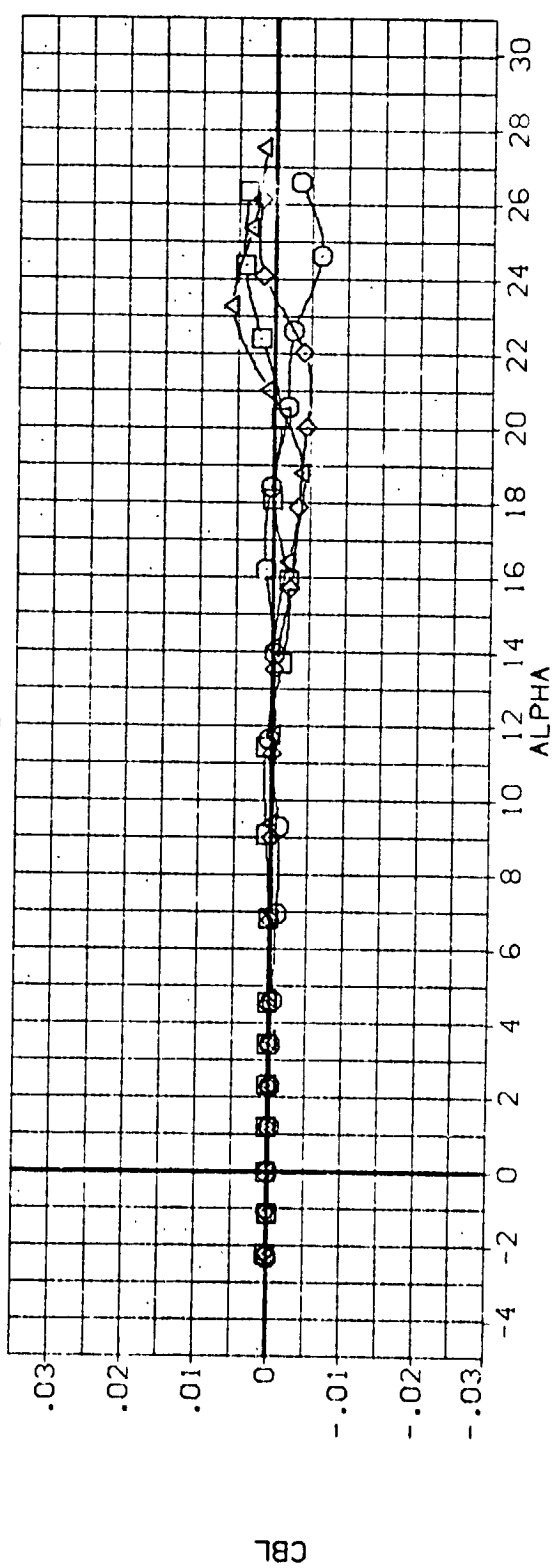
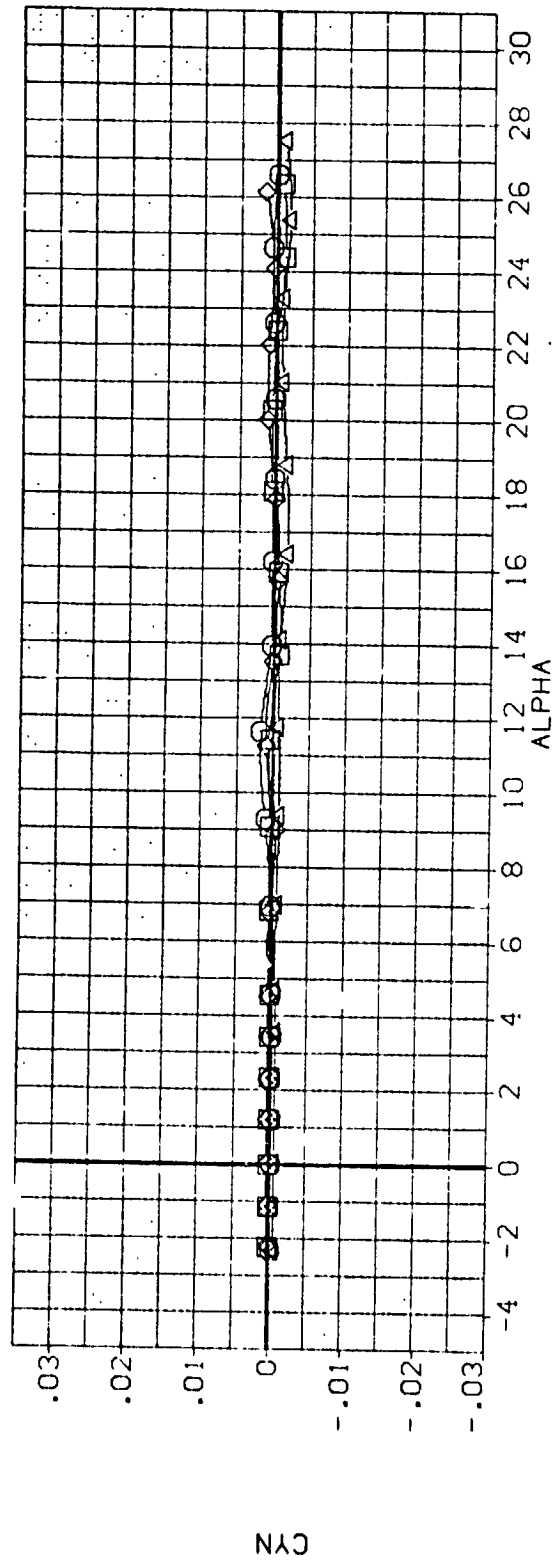


FIGURE 14. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A) RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC018) WING III 45-45-0008

(PNC021) WING III 45-70-0008

(PNC020) WING III 45-75-0008

(PNC019) WING III 45-80-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

LESWP FILSMP T/C GRITND

45.000 45.000 .080 120.000

45.000 70.000 .080 120.000

45.000 75.000 .080 120.000

45.000 80.000 .080 120.000

AMES 12-086 (LA65)

AMES 12-086 (LA65)

AMES 12-086 (LA65)

AMES 12-086 (LA65)

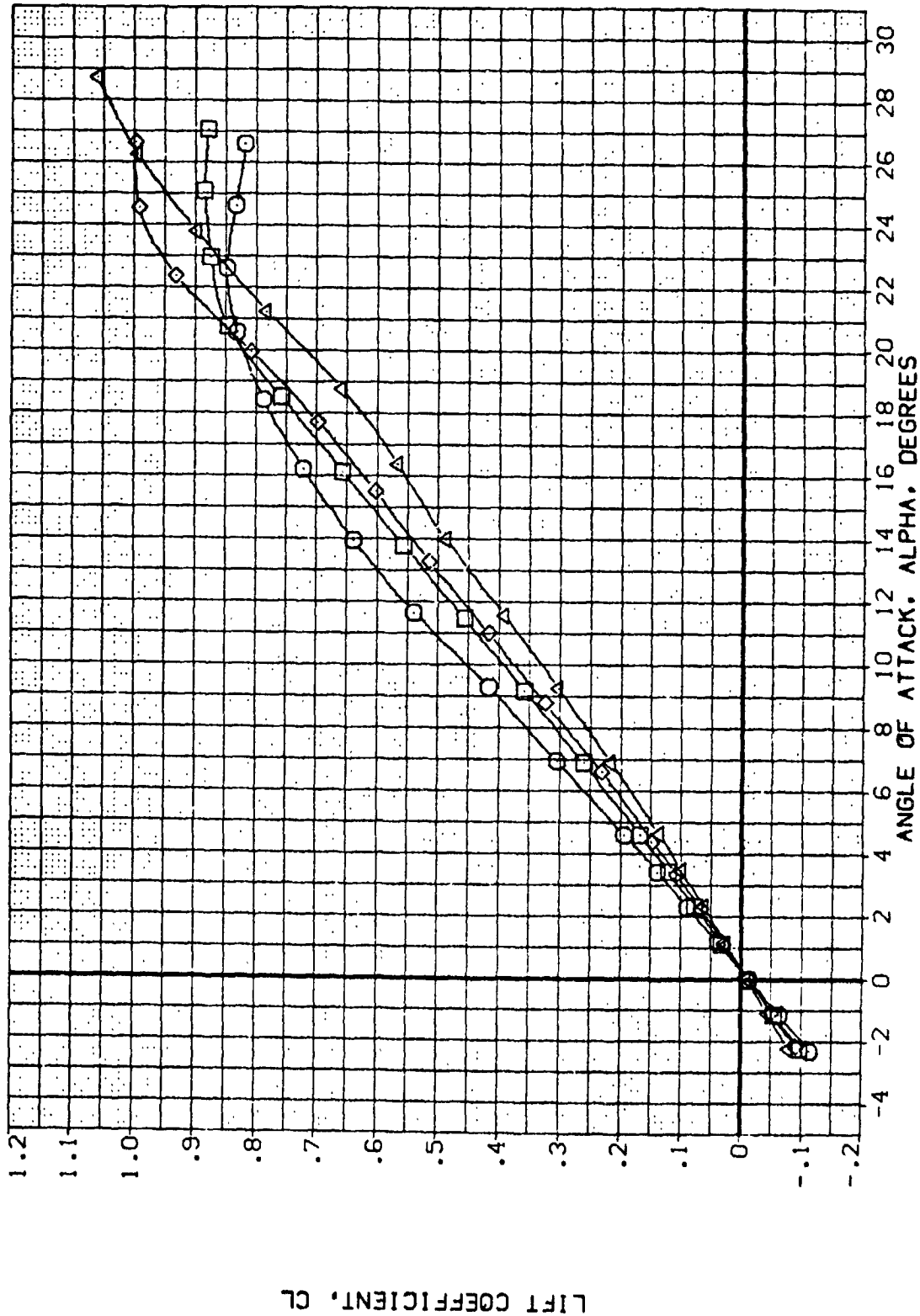


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBS: CONFIGURATION DESCRIPTION

(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	LESVP	FILSWP	T/C	GRITND	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC021)	WING III 45-70-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000	
(PNC020)	WING III 45-75-0008	AMES 12-086 (LA65)	45.000	70.000	.080	120.000	
(PNC019)	WING III 45-80-0008	AMES 12-086 (LA65)	45.000	80.000	.080	120.000	

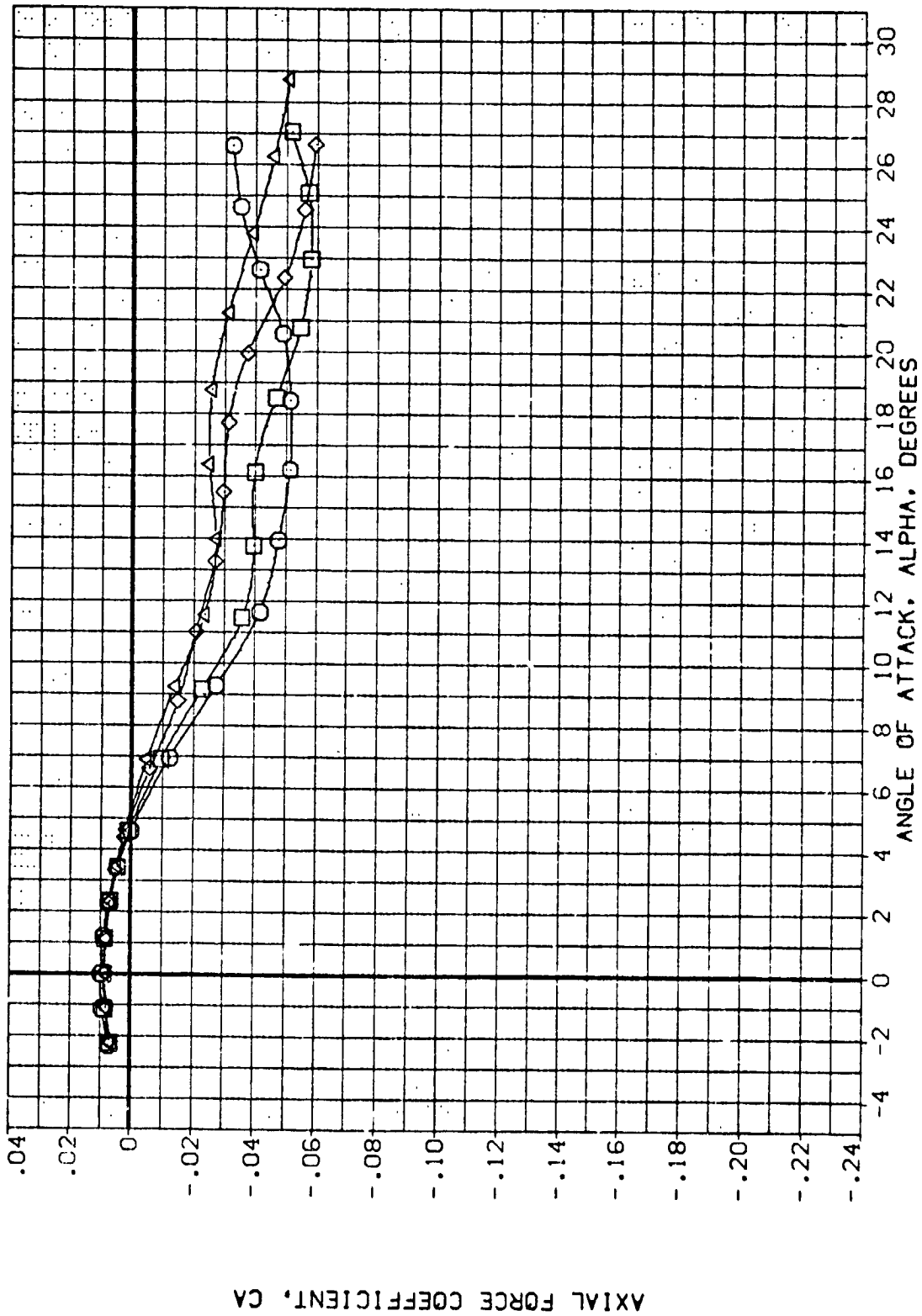


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC018)	WING III 45-45-0008	AMES 12-086 (LA65)	45.000	45.000	.080	120.000	
(PNC021)	WING III 45-70-0008	AMES 12-086 (LA65)	45.000	70.000	.080	120.000	
(PNC020)	WING III 43-75-0008	AMES 12-086 (LA65)	45.000	75.000	.080	120.000	
(PNC019)	WING III 45-80-0008	AMES 12-086 (LA65)	45.000	80.000	.080	120.000	

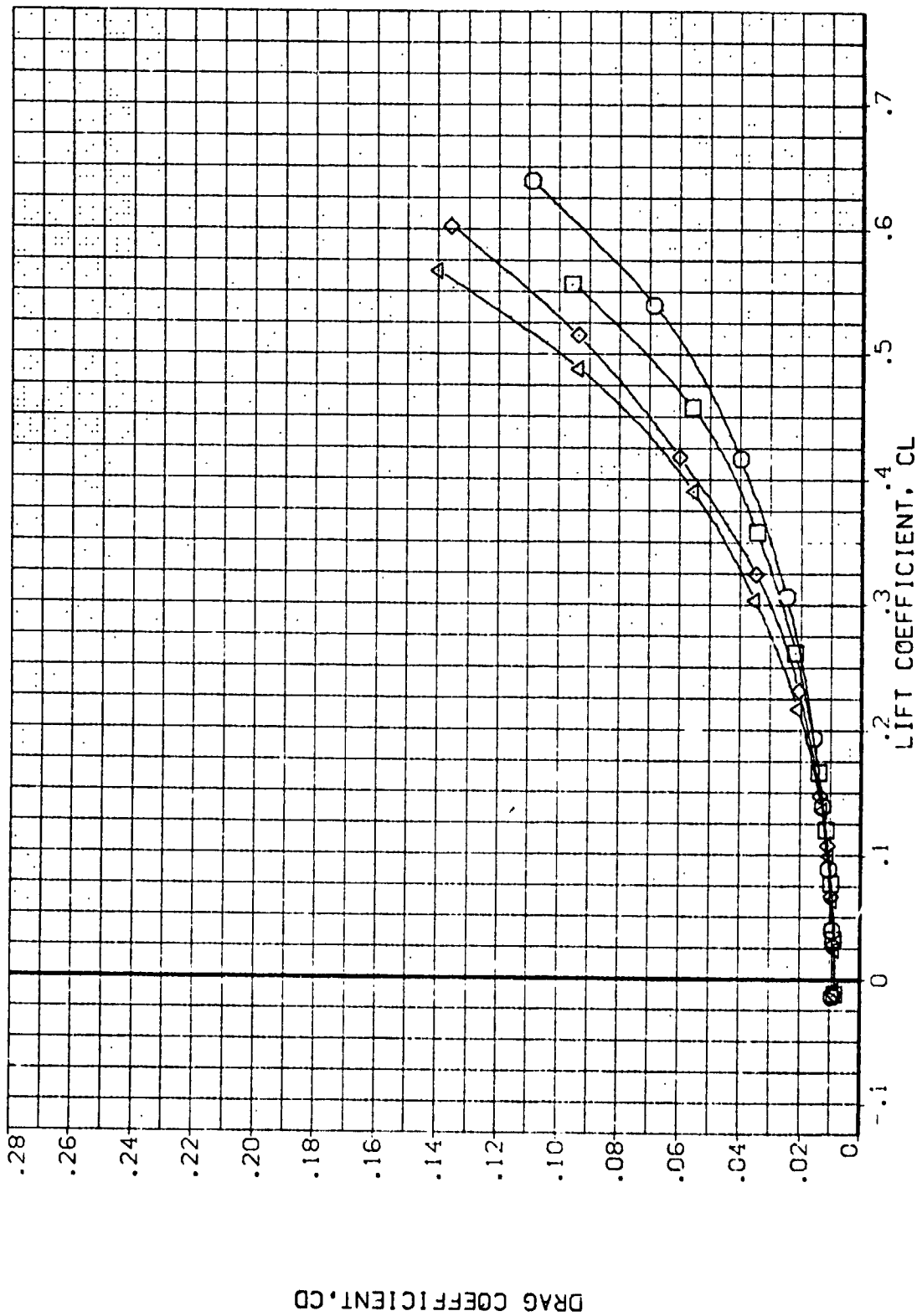


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PAC018)	WING III 45-45-0008	45.000	45.000	.080	120.000	
(PAC021)	WING III 45-70-0008	45.000	70.000	.080	120.000	
(PAC020)	WING III 45-75-0008	45.000	75.000	.080	120.000	
(PAC019)	WING III 45-80-0008	45.000	80.000	.080	120.000	

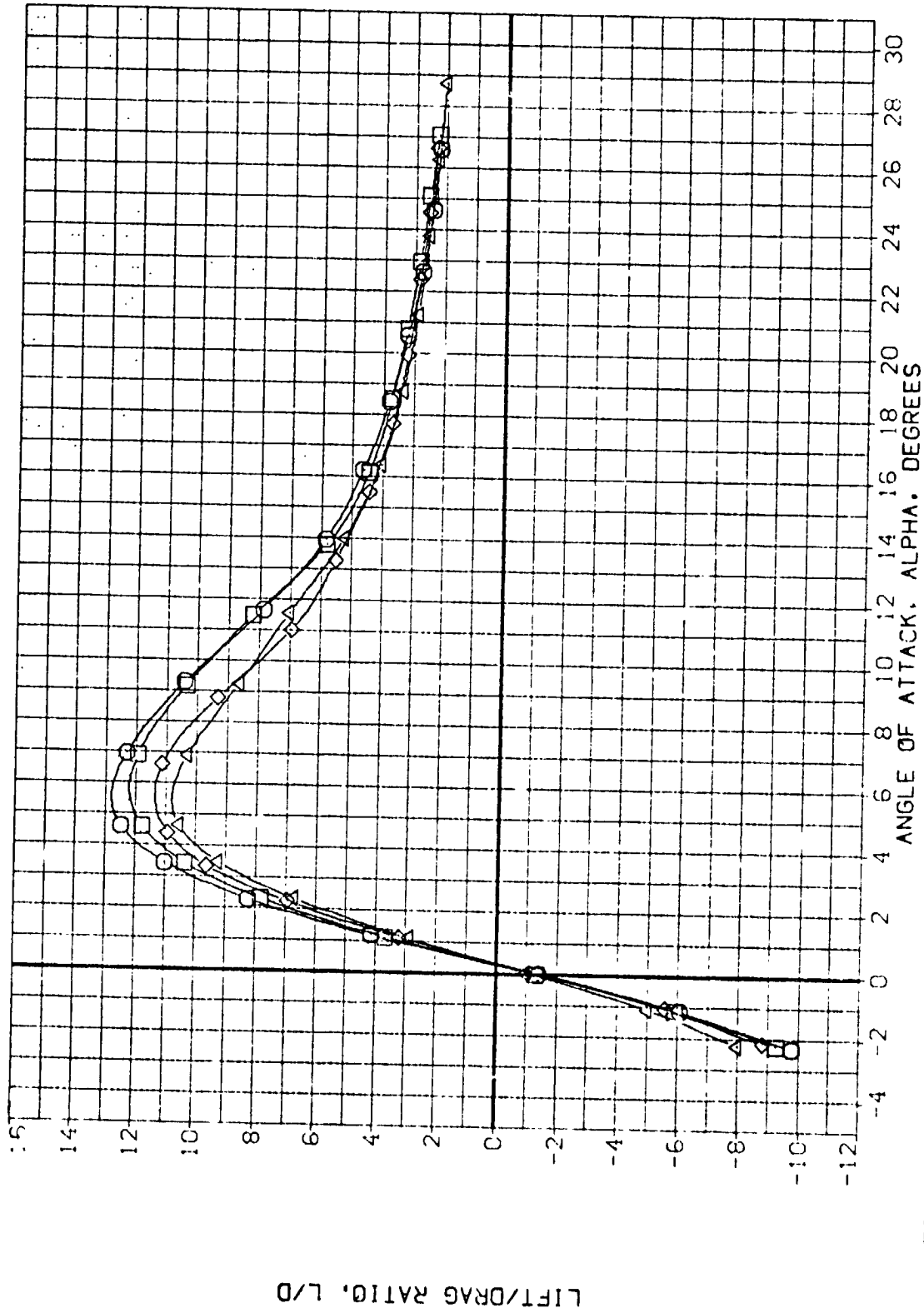


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

CARAVET = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC018) WING III 45-45-0008
 (PNC021) WING III 45-70-0008
 (PNC020) WING III 45-75-0008
 (PNC019) WING III 45-60-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LA65)
 AMES 12-086 (LA63)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP FILSWP T/C GRITNO

45.000 45.000 .080 120.000
 45.000 70.000 .080 120.000
 45.000 75.000 .080 120.000
 45.000 80.000 .080 120.000

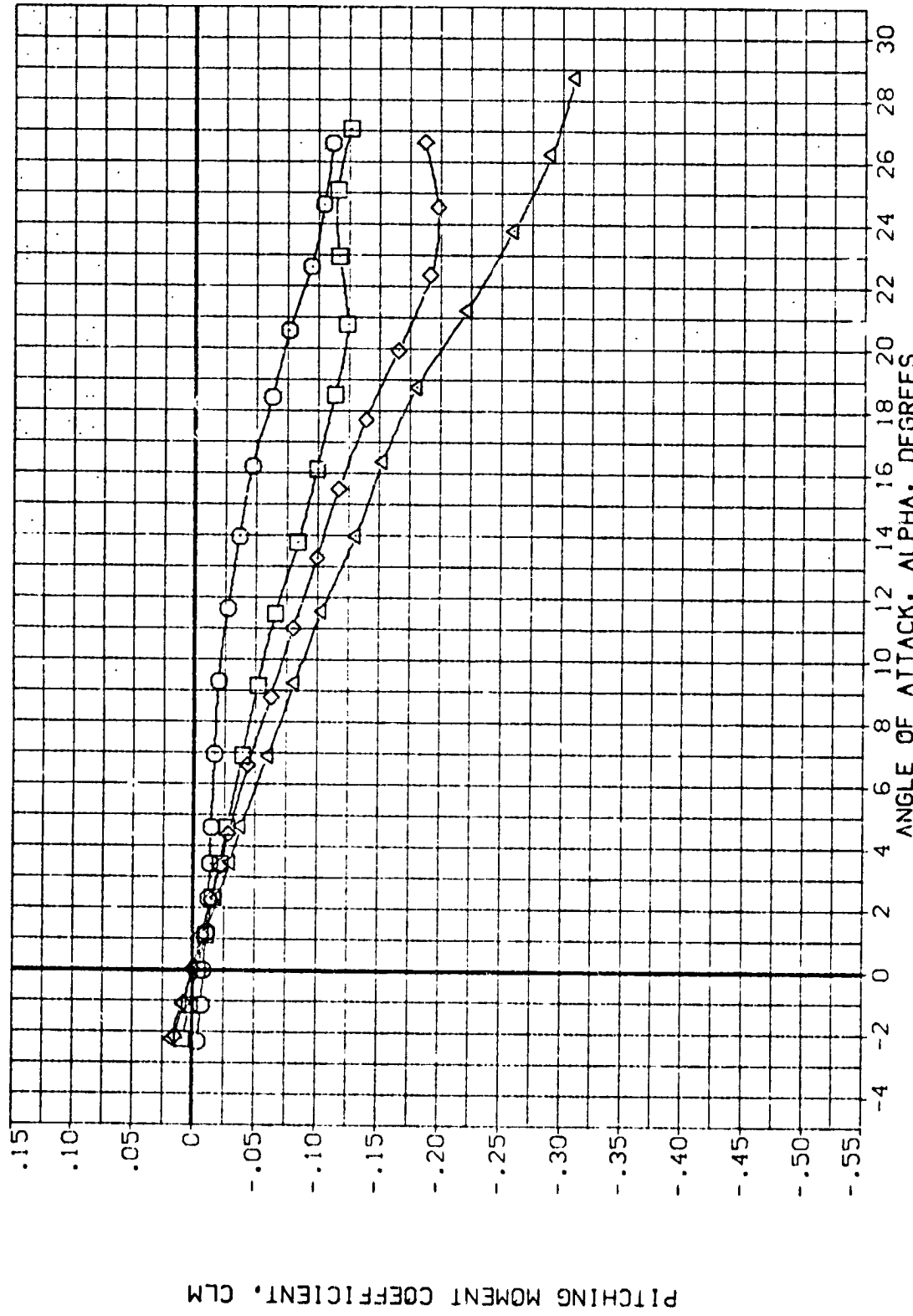


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC018) WING III 45-45-0008
 (PNC021) WING III 45-70-0008
 (PNC020) WING III 45-75-0008
 (PNC019) WING III 45-80-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESWP 45.000
 45.000
 45.000
 45.000

FILSWP 45.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

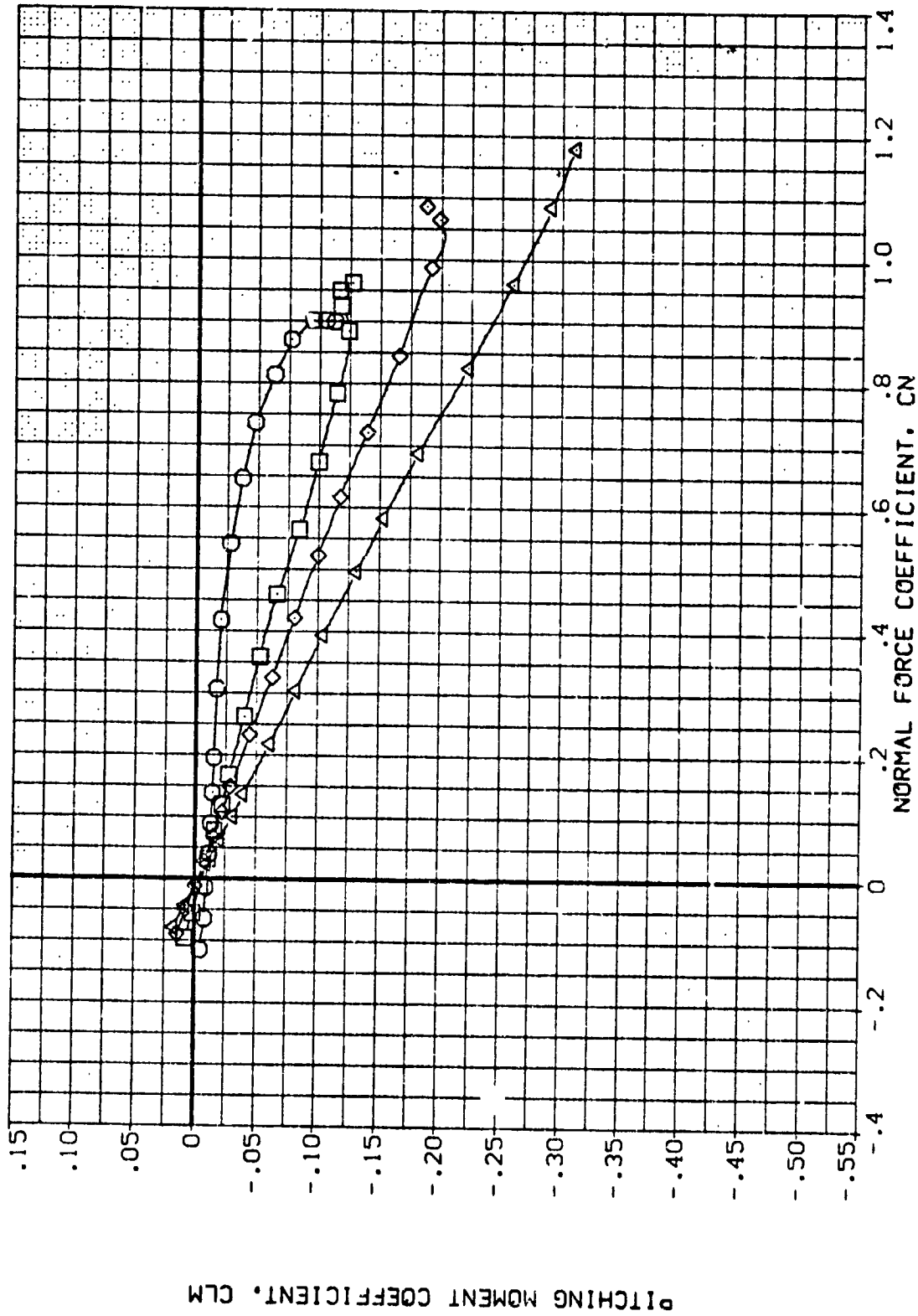


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)

(A)PN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC018) WING III 45-45-0008
 (PNC021) WING III 45-70-0008
 (PNC020) WING III 45-75-0008
 (PNC019) WING III 45-80-0008

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)
 AMES 12-086 (LAGS)

LESWP 45.000
 45.000
 45.000
 45.000

FILSWP 45.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000

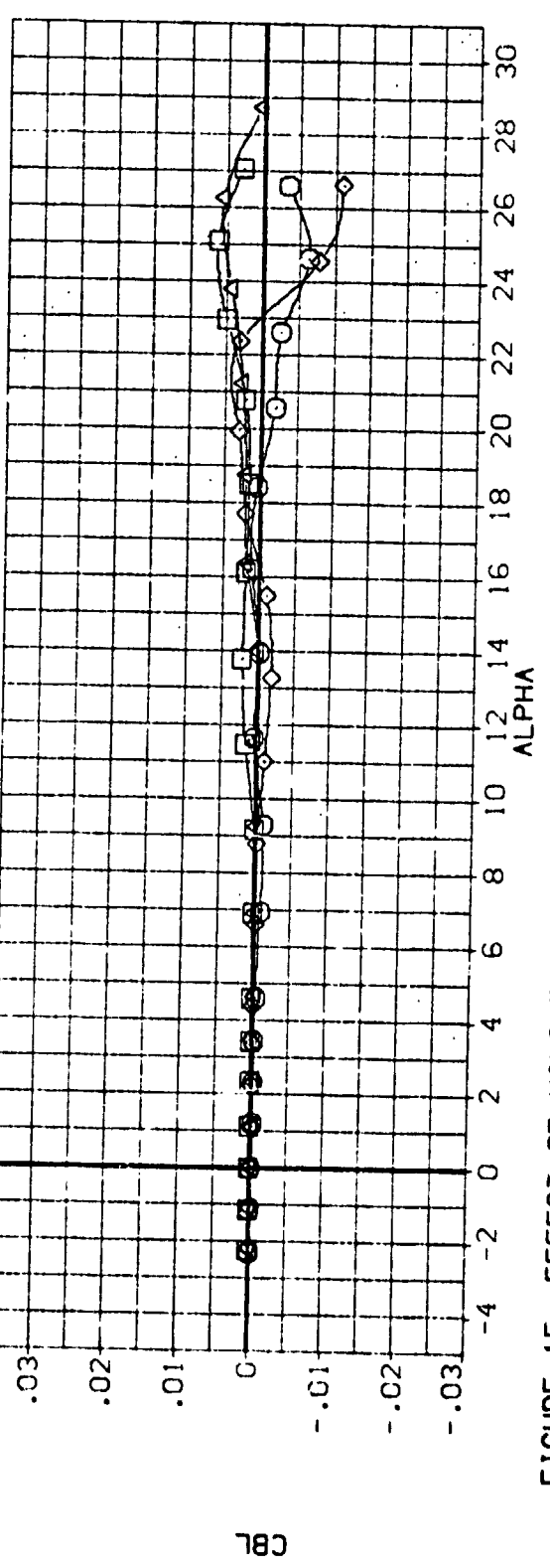
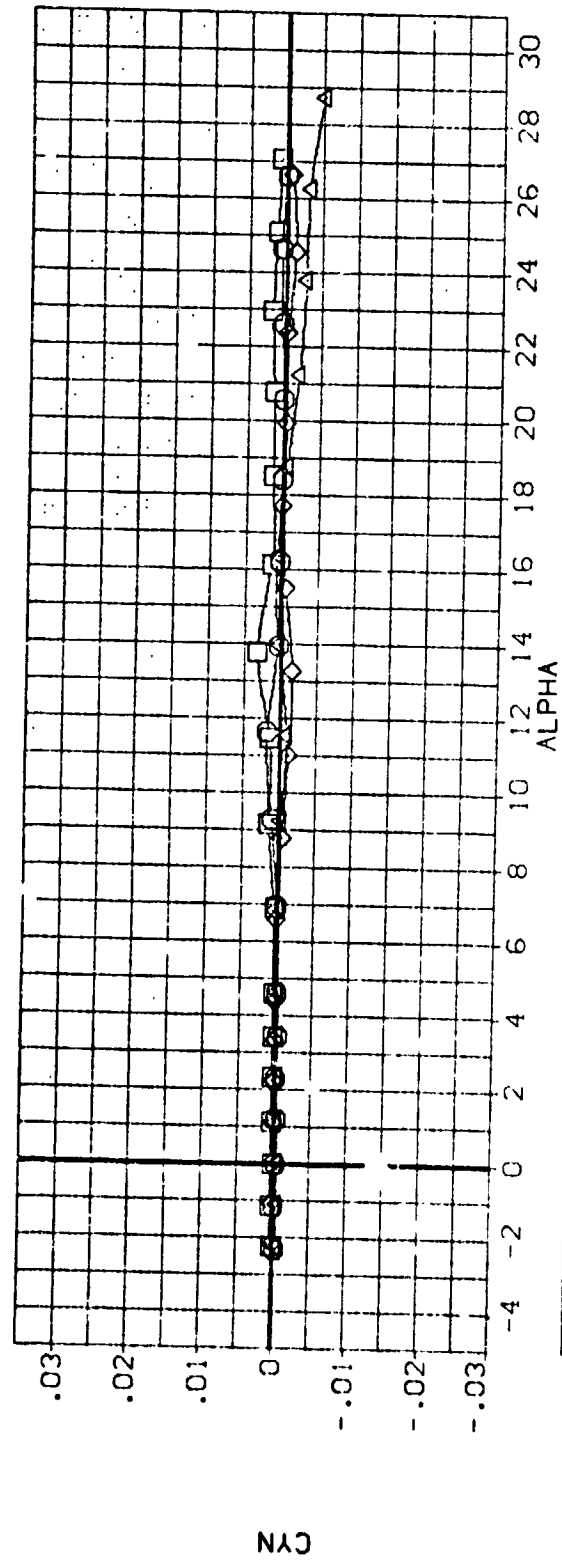


FIGURE 15. EFFECT OF WING FILLET SWEEP ANGLE (WING III)
 (A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC025)	WING IV 53-53-0008	12-086 (LA65)	53.000	53.000	.080	120.000	
(PNC030)	WING IV 53-60-0008	12-086 (LA65)	53.000	60.000	.080	120.000	
(PNC028)	WING IV 53-65-0008	12-086 (LA65)	53.000	65.000	.080	120.000	
(PNC029)	WING IV 53-70-0008	12-086 (LA65)	53.000	70.000	.080	120.000	
(PNC027)	WING IV 53-75-0008	12-086 (LA65)	53.000	75.000	.080	120.000	
(PNC026)	WING IV 53-80-0008	12-086 (LA65)	53.000	80.000	.080	120.000	

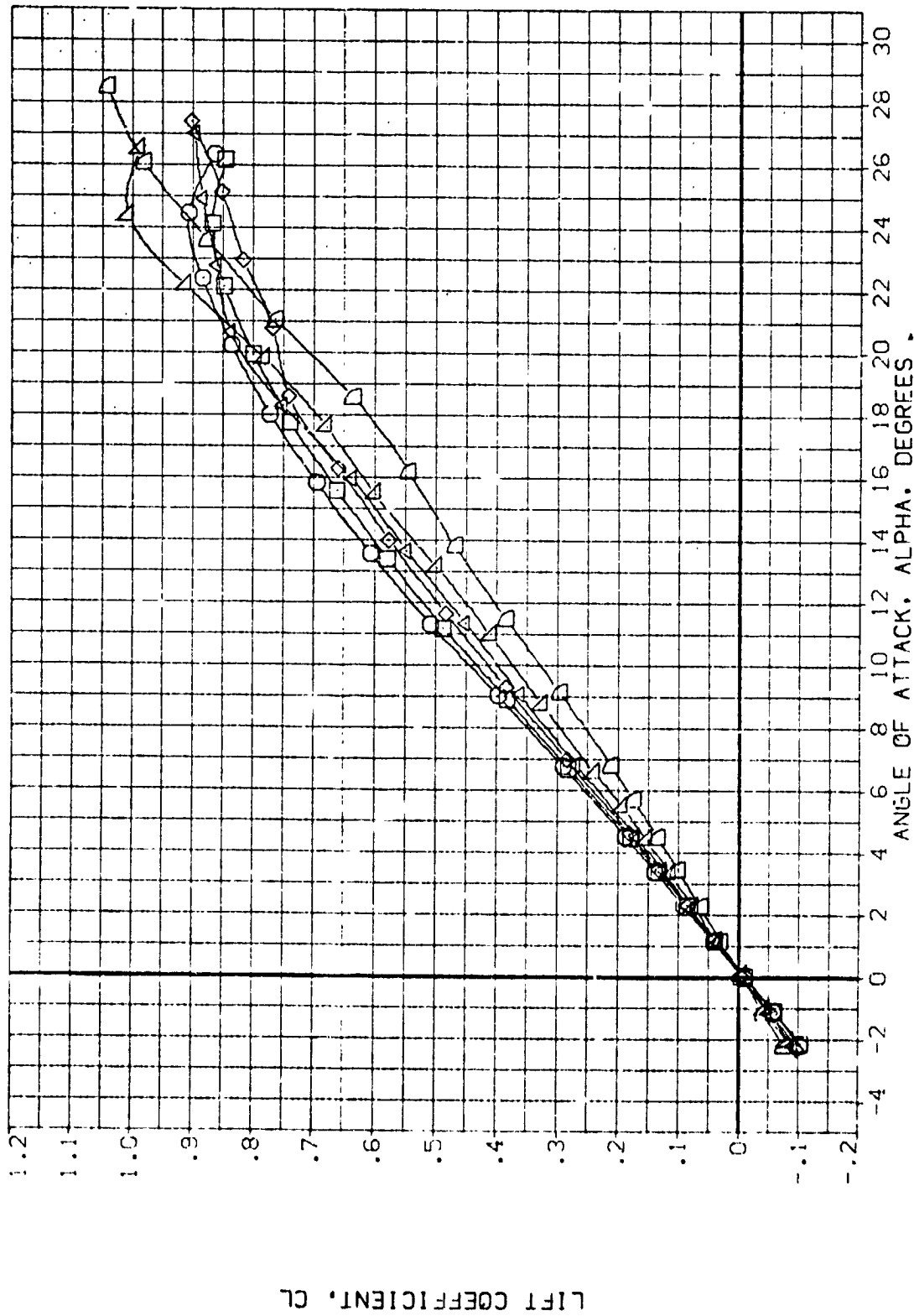


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES LESWP F/LSWP T/C GRITNO

(PNC025) WING IV 53-53-0008 AMES 12-086 (LA65) 53.000 53.000 .080 120.000

(PNC030) WING IV 53-60-0008 AMES 12-086 (LA65) 53.000 60.000 .080 120.000

(PNC029) WING IV 53-65-0008 AMES 12-086 (LA65) 53.000 65.000 .080 120.000

(PNC028) WING IV 53-70-0008 AMES 12-086 (LA65) 53.000 70.000 .080 120.000

(PNC027) WING IV 53-75-0008 AMES 12-086 (LA65) 53.000 75.000 .080 120.000

(PNC026) WING IV 53-80-0008 AMES 12-086 (LA65) 53.000 80.000 .080 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

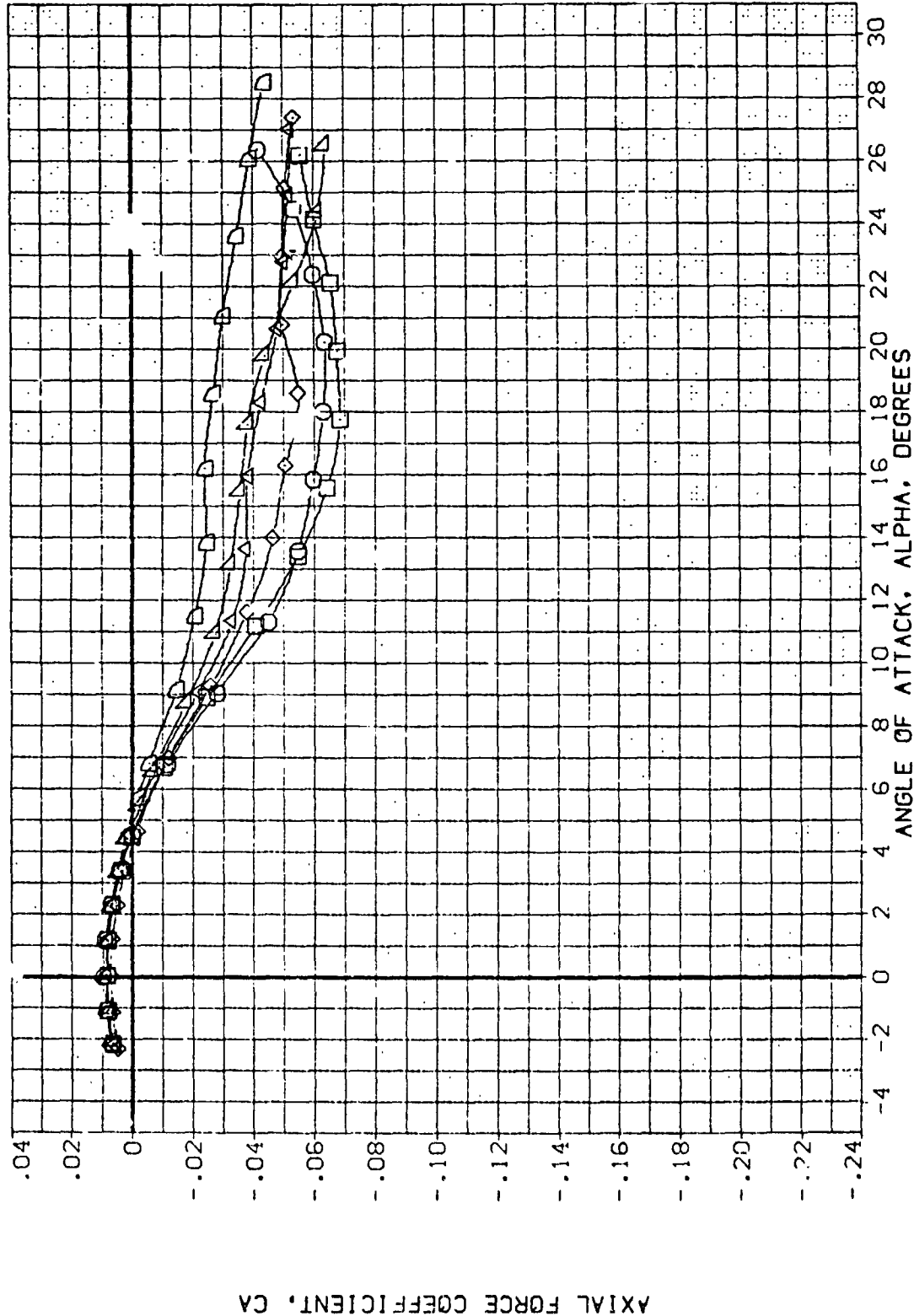


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(AJRN/FT = 8.00

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

LESWP	FILSWP	T/C	GRITNG
53.000	53.000	.080	120.000
53.000	60.000	.080	120.000
53.000	65.000	.080	120.000
53.000	70.000	.080	120.000
53.000	75.000	.080	120.000
53.000	80.000	.080	120.000

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(PNC025)	WING IV 53-53-0008
(PNC030)	WING IV 53-60-0008
(PNC029)	WING IV 53-65-0008
(PNC028)	WING IV 53-70-0008
(PNC027)	WING IV 53-75-0008
(PNC026)	WING IV 53-80-0008

AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)

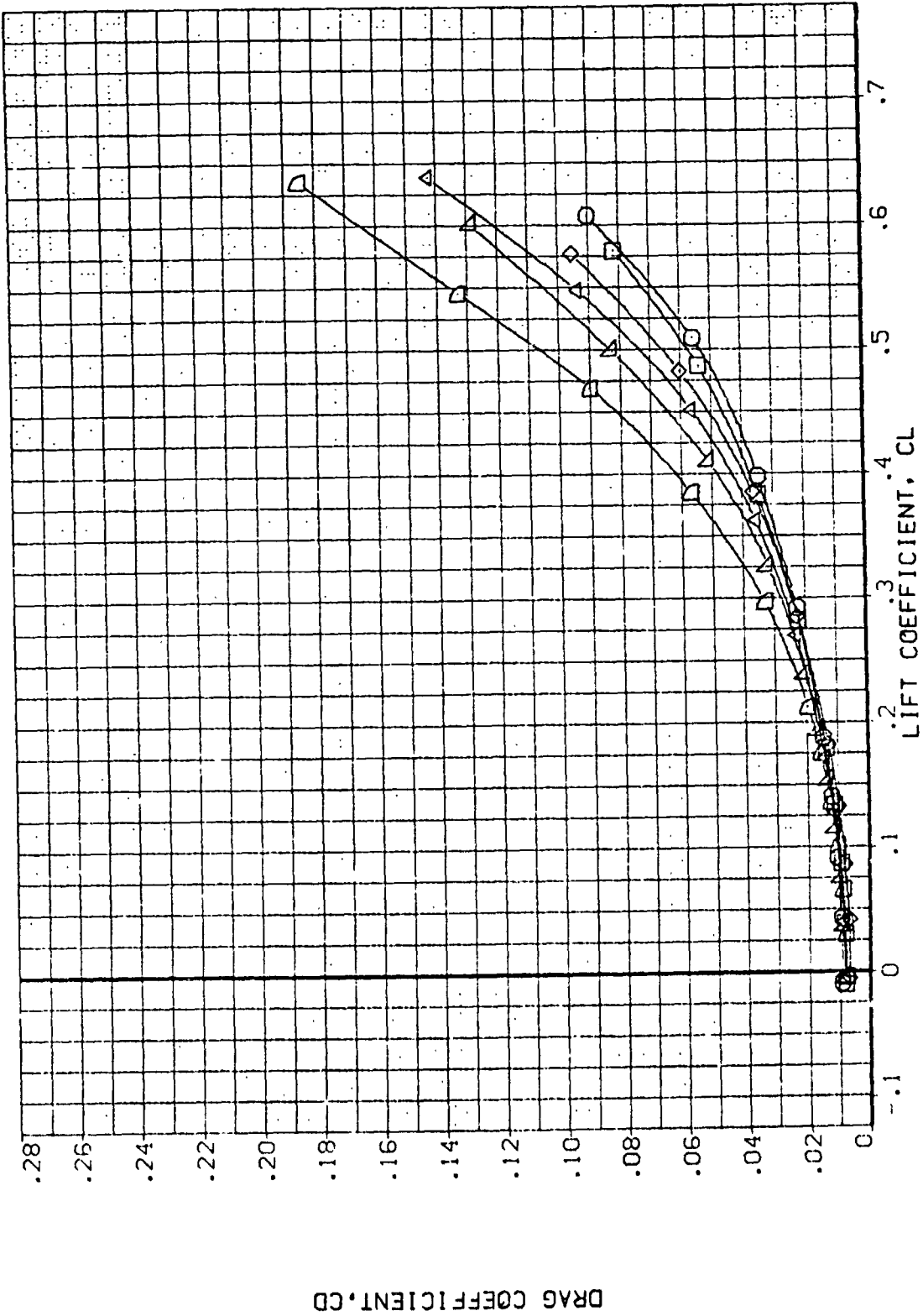


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(M)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITND SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITND
(PNC025)	WING IV 53-53-0008	AMES 12-086 (LA65)	53.000	53.000	.080	120.000
(PNC030)	WING IV 53-60-0008	AMES 12-086 (LA65)	53.000	60.000	.080	120.000
(PNC029)	WING IV 53-65-0008	AMES 12-086 (LA65)	53.000	65.000	.080	120.000
(PNC028)	WING IV 53-70-0008	AMES 12-086 (LA65)	53.000	70.000	.080	120.000
(PNC027)	WING IV 53-75-0008	AMES 12-086 (LA65)	53.000	75.000	.080	120.000
(PNC026)	WING IV 53-80-0008	AMES 12-086 (LA65)	53.000	80.000	.080	120.000

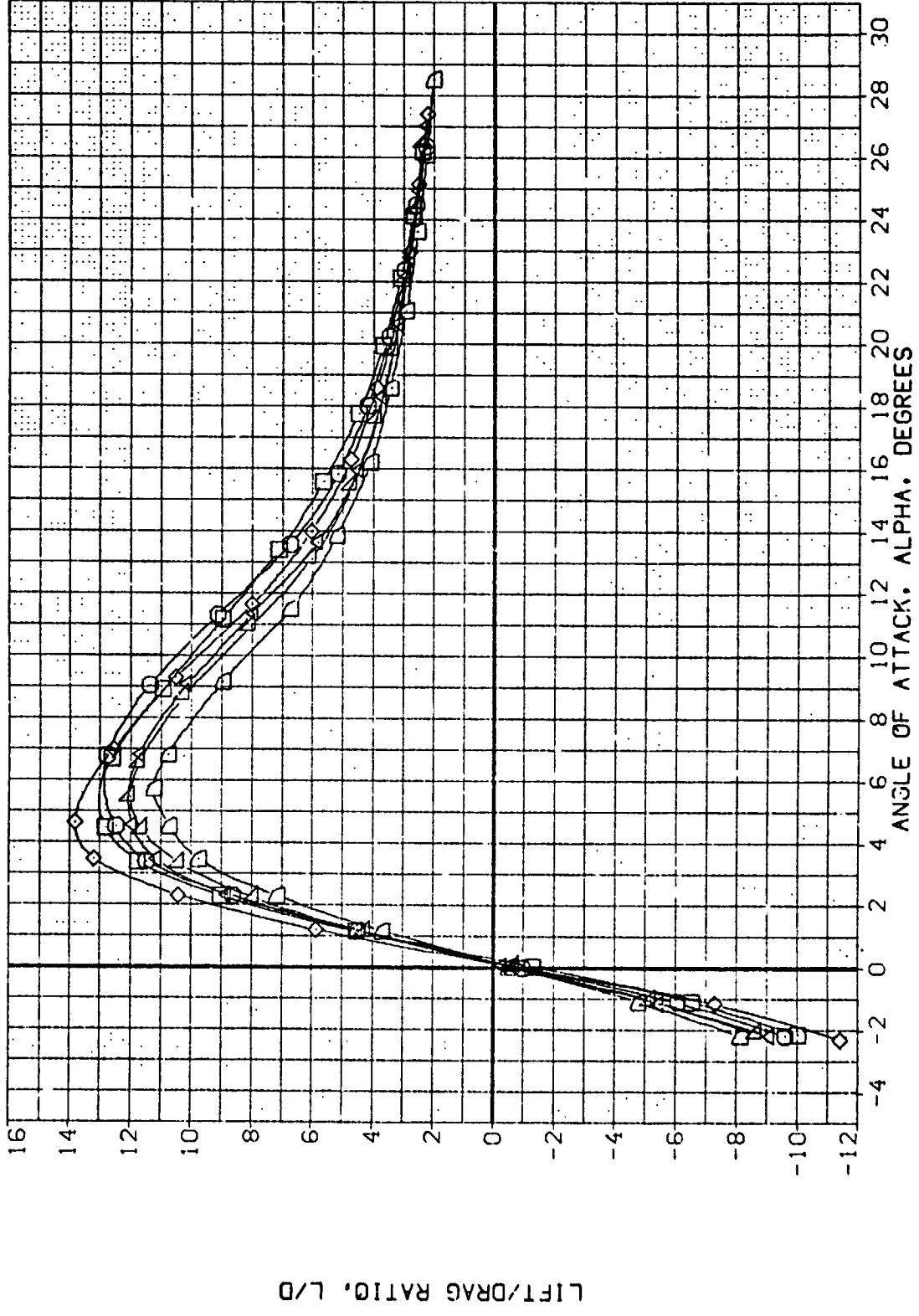


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC025)	WING IV 53-53-0008	12-086 (LA65)	53.000	53.000	.080	120.000	
(PNC030)	WING IV 53-60-0003	12-086 (LA65)	53.000	60.000	.080	120.000	
(PNC029)	WING IV 53-65-0008	12-086 (LA65)	53.000	65.000	.080	120.000	
(PNC028)	WING IV 53-70-0008	12-086 (LA65)	53.000	70.000	.080	120.000	
(PNC027)	WING IV 53-75-0008	12-086 (LA65)	53.000	75.000	.080	120.000	
(PNC026)	WING IV 53-80-0008	12-086 (LA65)	53.000	80.000	.080	120.000	

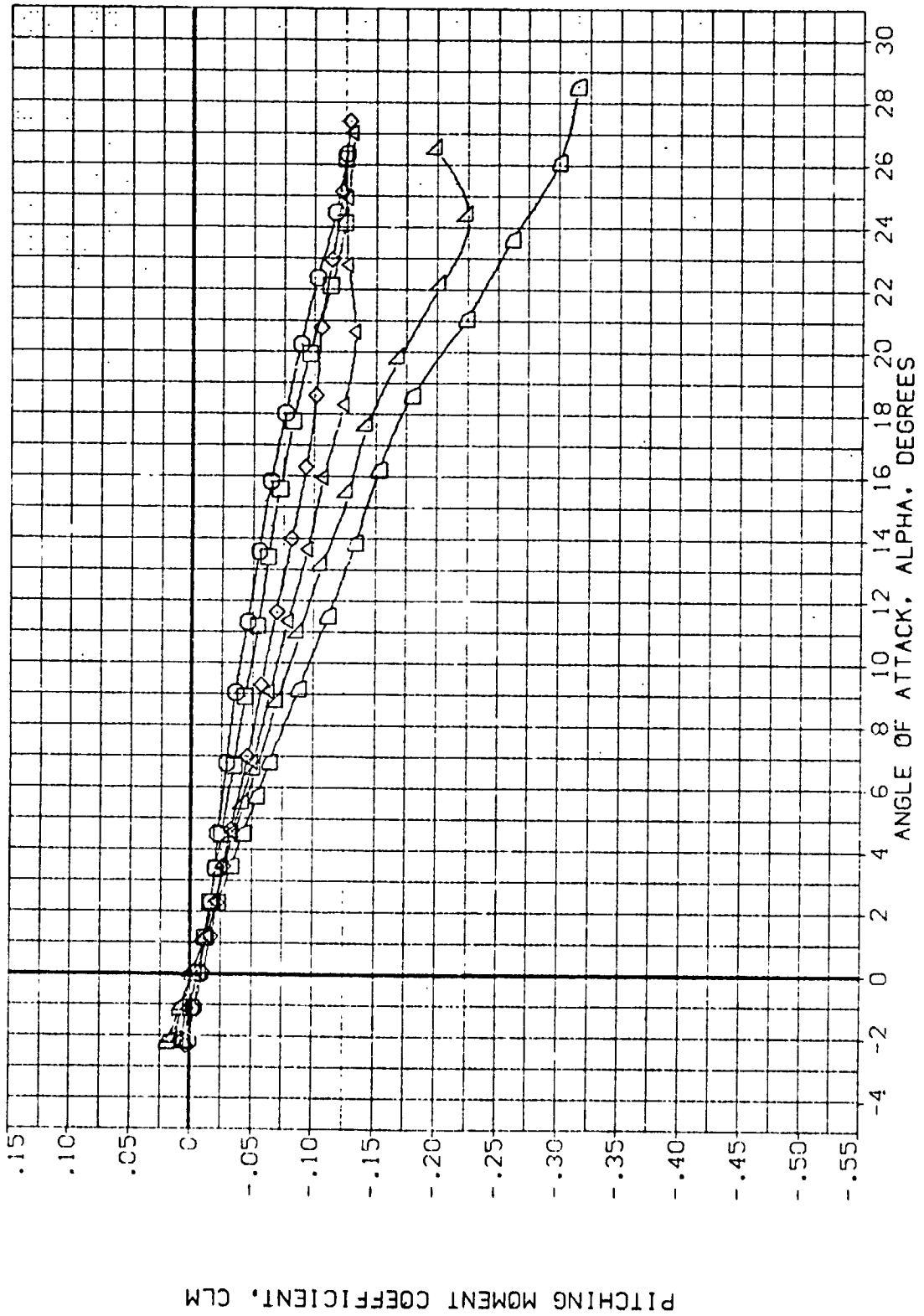


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC025) WING IV 53-53-0008
(PNC030) WING IV 53-60-0008
(PNC029) WING IV 53-65-0008
(PNC028) WING IV 53-70-0008
(PNC027) WING IV 53-75-0008
(PNC026) WING IV 53-80-0008

AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)

LESWP 53.000
53.000
53.000
53.000
53.000

FILSWP 53.000
60.000
65.000
70.000
75.000
80.000

T/C .080
.080
.080
.080
.080

GRITNO 120.000
120.000
120.000
120.000
120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

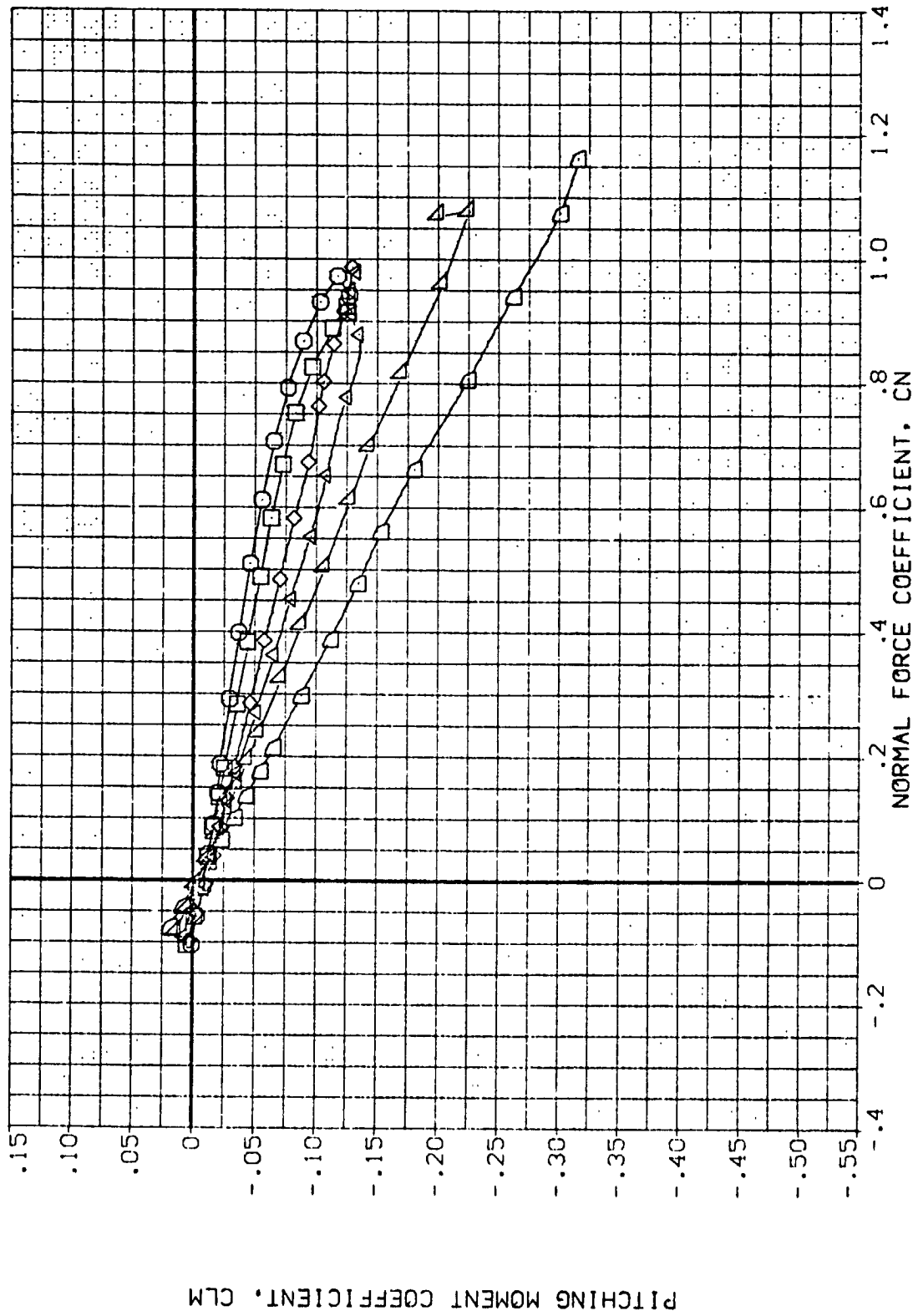


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC025)	WING IV 53-53-0008	12-086 (LA65)	53.000	53.000	.080	120.000	
(PNC030)	WING IV 53-60-0008	12-086 (LA65)	53.000	60.000	.080	120.000	
(PNC029)	WING IV 53-65-0108	12-086 (LA65)	53.000	65.000	.080	120.000	
(PNC028)	WING IV 53-70-0108	12-086 (LA65)	53.000	70.000	.080	120.000	
(PNC027)	WING IV 53-75-0108	12-086 (LA65)	53.000	75.000	.080	120.000	
(PNC026)	WING IV 53-81-0108	12-086 (LA65)	53.000	80.000	.080	120.000	

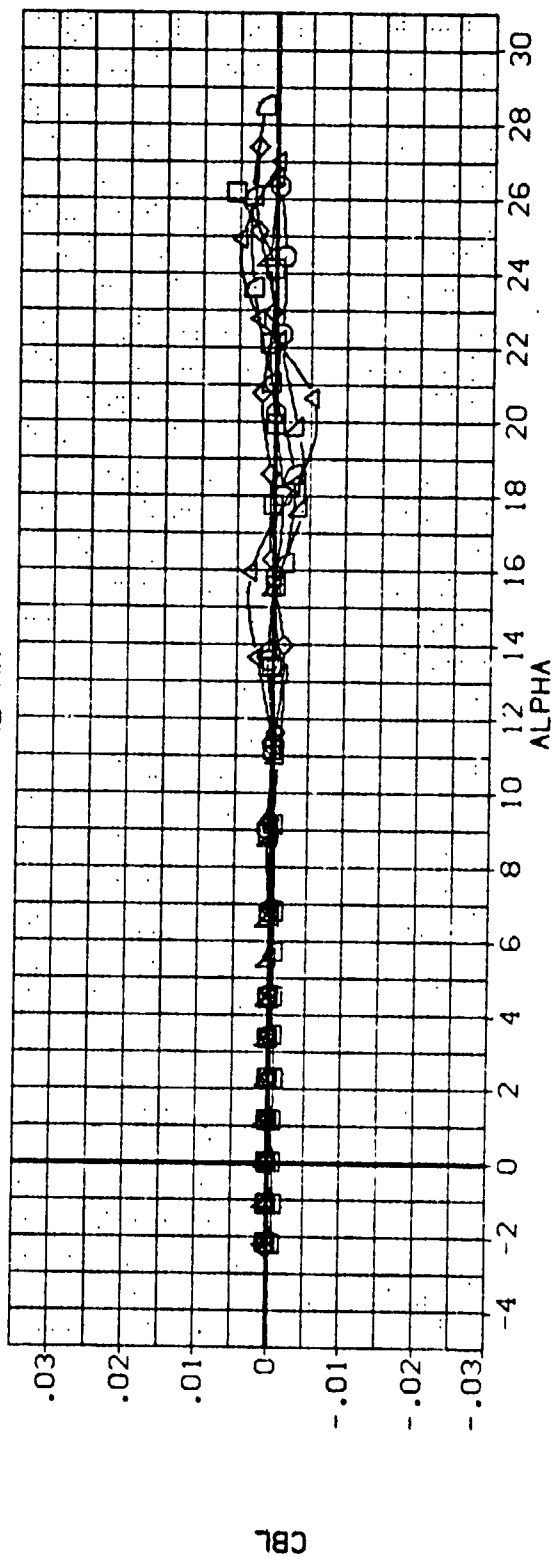
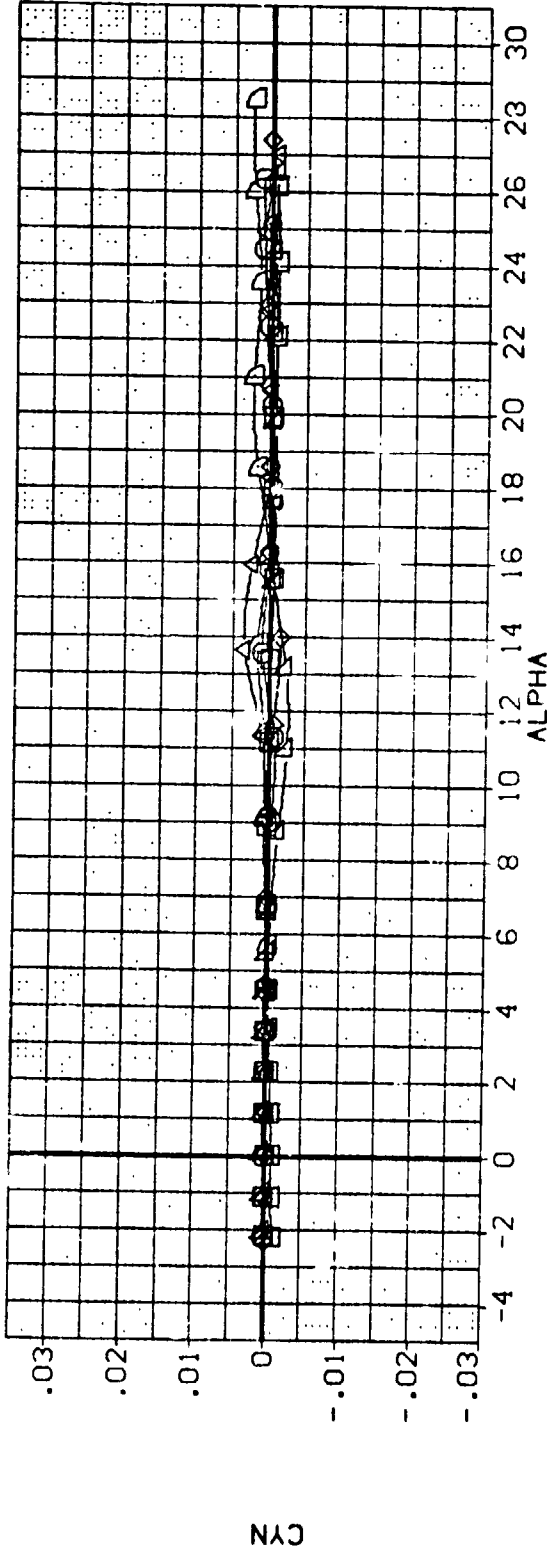


FIGURE 16. EFFECT OF WING FILLET SWEEP ANGLE (WING IV)

(A)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LAGE) LESVP FILSWP T/C GRITNG SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LAGE)	LESVP	FILSWP	T/C	GRITNG
(PNC031)	WING V 60-60-0008	AMES 12-086 (LAGE)	60.000	60.000	.080	120.000
(PNC035)	WING V 60-55-0008	AMES 12-086 (LAGE)	60.000	65.000	.080	120.000
(PNC034)	WING V 60-70-0008	AMES 12-086 (LAGE)	60.000	70.000	.080	120.000
(PNC033)	WING V 60-75-0008	AMES 12-086 (LAGE)	60.000	75.000	.080	120.000
(PNC032)	WING V 60-80-0008	AMES 12-086 (LAGE)	60.000	80.000	.080	120.000

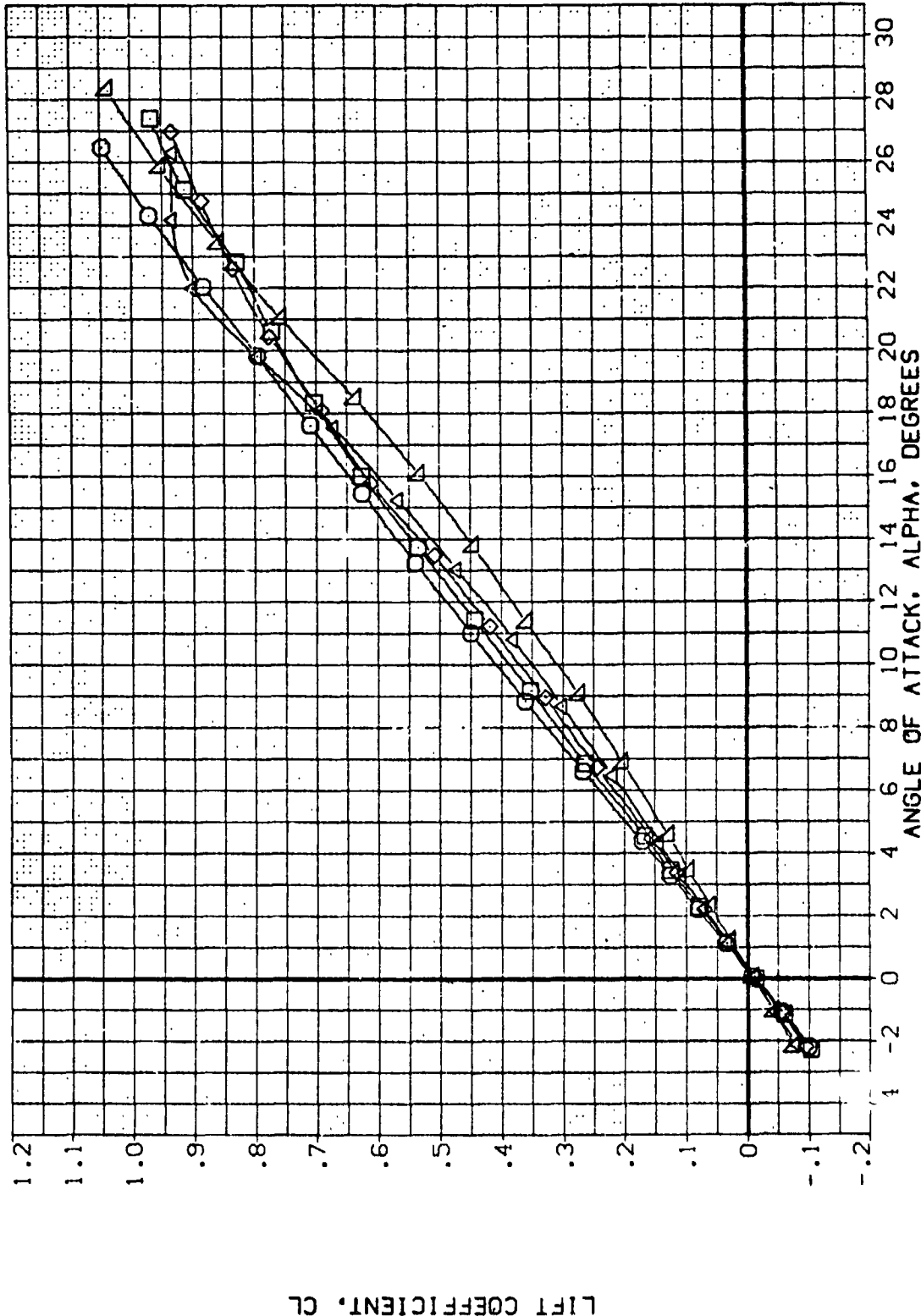


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(A)RN/FT = 8.00

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

GRITING
120.000
120.000
120.000
120.000
120.000

T/C
.080
.080
.080
.080
.080

FILSWP
60.000
65.000
70.000
75.000
80.000

LESWP
60.000
60.000
60.000
60.000
60.000

AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)
AMES 12-086 (LA65)

CONFIGURATION DESCRIPTION
WING V 60-60-0008
WING V 60-65-0008
WING V 60-70-0008
WING V 60-75-0008
WING V 60-80-0008

DATA SET SYMBOL
(PNC031)
(PNC035)
(PNC034)
(PNC033)
(PNC032)

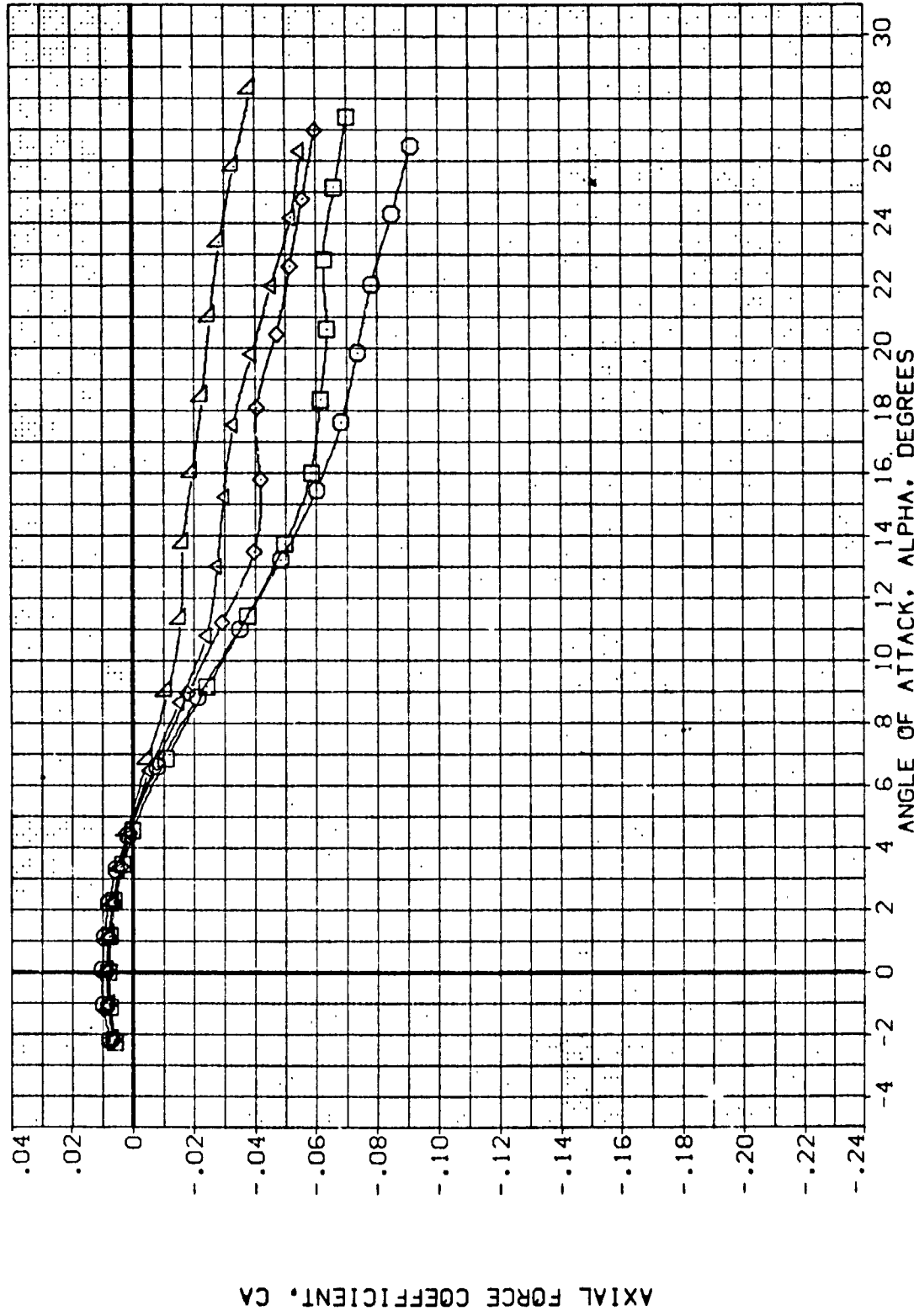


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(AJRN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(PNC031) WING V 60-60-0008

(PNC032) WING V 60-65-0008

(PNC033) WING V 60-70-0008

(PNC034) WING V 60-75-0008

(PNC035) WING V 60-80-0008

AMES 12-086 (LA65)

AMES 12-086 (LA65)

AMES 12-086 (LA65)

AMES 12-086 (LA65)

AMES 12-086 (LA65)

LESWP 60.000

LESWP 60.000

LESWP 60.000

LESWP 60.000

LESWP 60.000

FILSWP 60.000

FILSWP 65.000

FILSWP 70.000

FILSWP 75.000

FILSWP 80.000

T/C .080

T/C .080

T/C .080

T/C .080

T/C .080

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

GRITNO 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

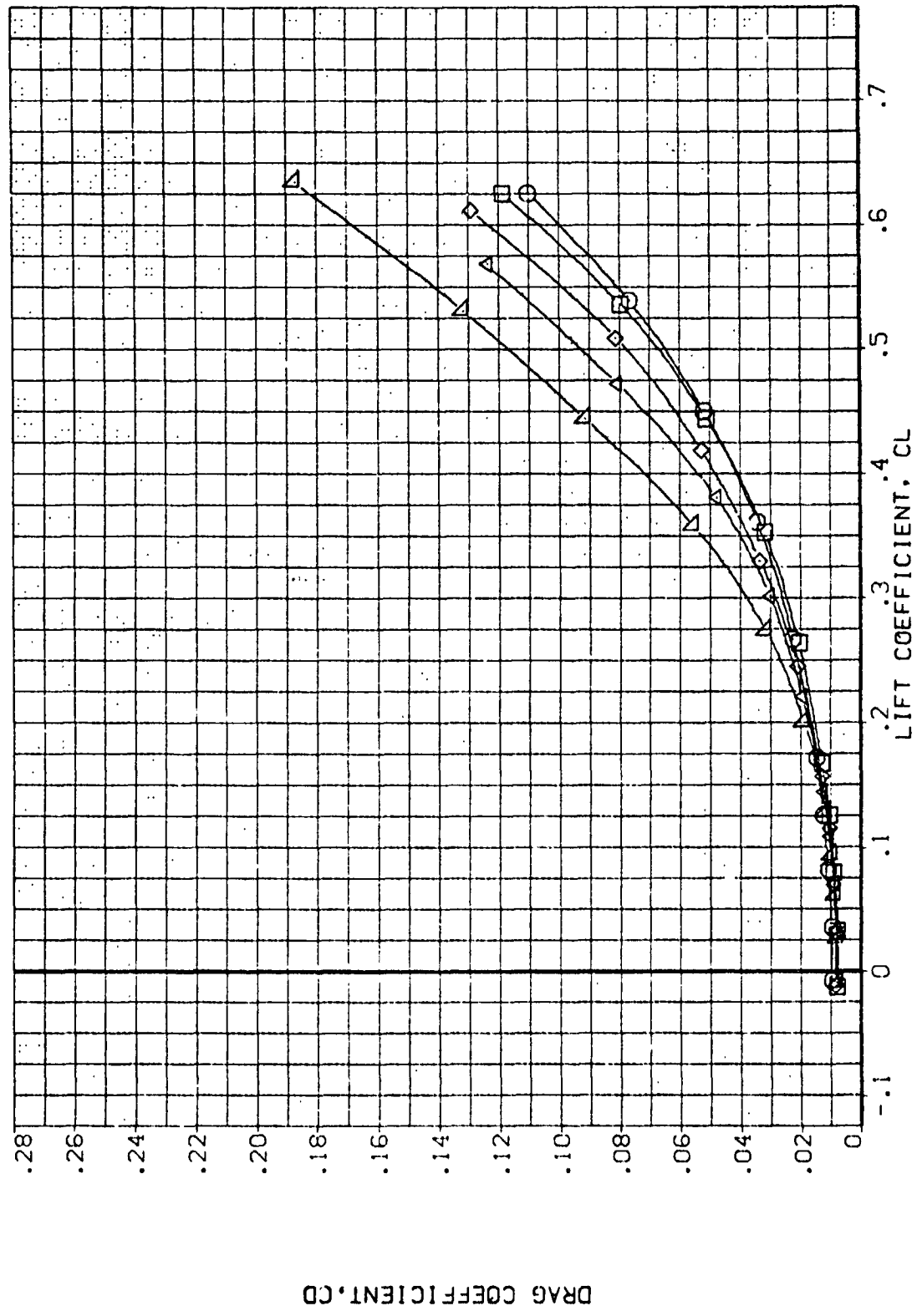


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(AJRN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA65) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO
(PNC031)	WING V 60-60-0008	AMES 12-086 (LA65)	60.000	60.000	.080	120.000
(PNC035)	WING V 60-65-0008	AMES 12-086 (LA65)	60.000	65.000	.080	120.000
(PNC034)	WING V 60-70-0008	AMES 12-086 (LA65)	60.000	70.000	.080	120.000
(PNC033)	WING V 60-75-0008	AMES 12-086 (LA65)	60.000	75.000	.080	120.000
(PNC032)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	80.000	.080	120.000

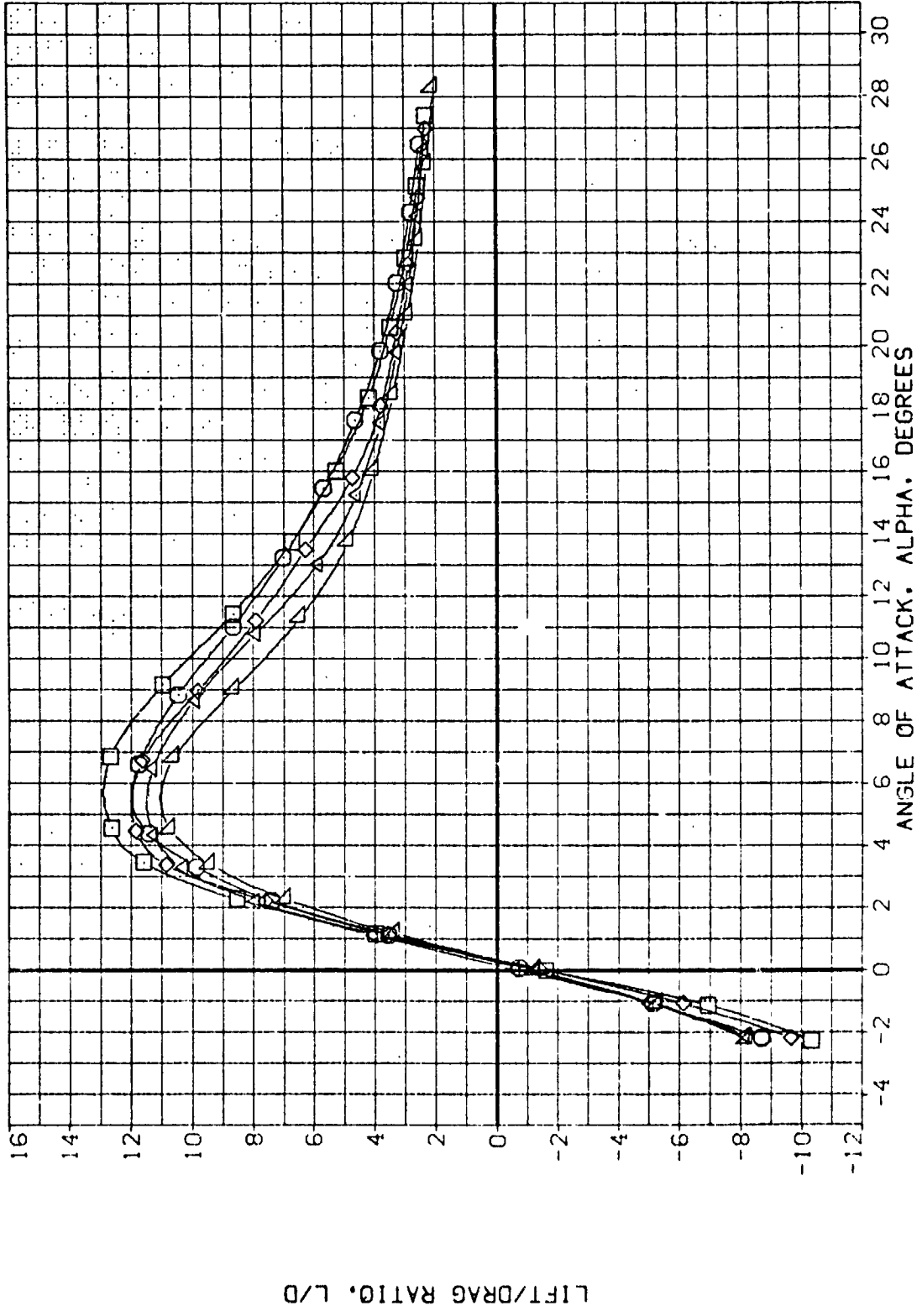


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(A)R' SET = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION AMES 12-086 (LA63) LESWP FILSWP T/C GRITNO SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA63)	LESWP	FILSWP	T/C	GRITNO
(PNC031)	WING V 60-60-0008	AMES 12-086 (LA63)	60.000	60.000	.080	120.000
(PNC035)	WING V 60-65-0008	AMES 12-086 (LA63)	60.000	65.000	.080	120.000
(PNC034)	WING V 60-70-0008	AMES 12-086 (LA63)	60.000	70.000	.080	120.000
(PNC033)	WING V 60-75-0008	AMES 12-086 (LA65)	60.000	75.000	.080	120.000
(PNC032)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	80.000	.080	120.000

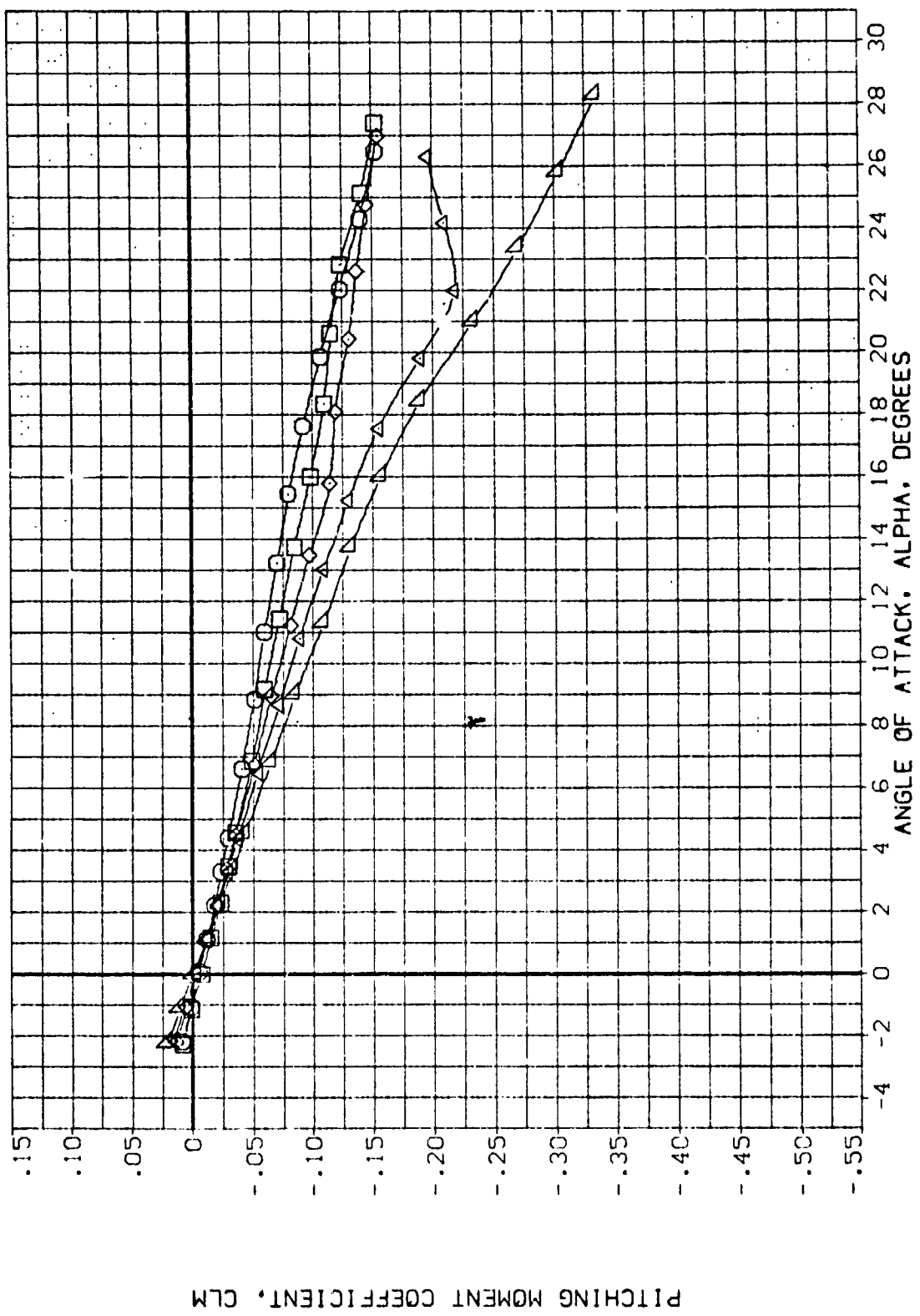


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(A)RN/FT = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AMES 12-086 (LA65)	LESWP	FILSWP	T/C	GRITNO	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(PNC031)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	60.000	.080	120.000	
(PNC035)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	63.000	.080	120.000	
(PNC034)	WING V 60-70-0008	AMES 12-086 (LA65)	60.000	70.000	.080	120.000	
(PNC033)	WING V 60-75-0008	AMES 12-086 (LA65)	60.000	75.000	.080	120.000	
(PNC032)	WING V 60-80-0008	AMES 12-086 (LA65)	60.000	80.000	.080	120.000	

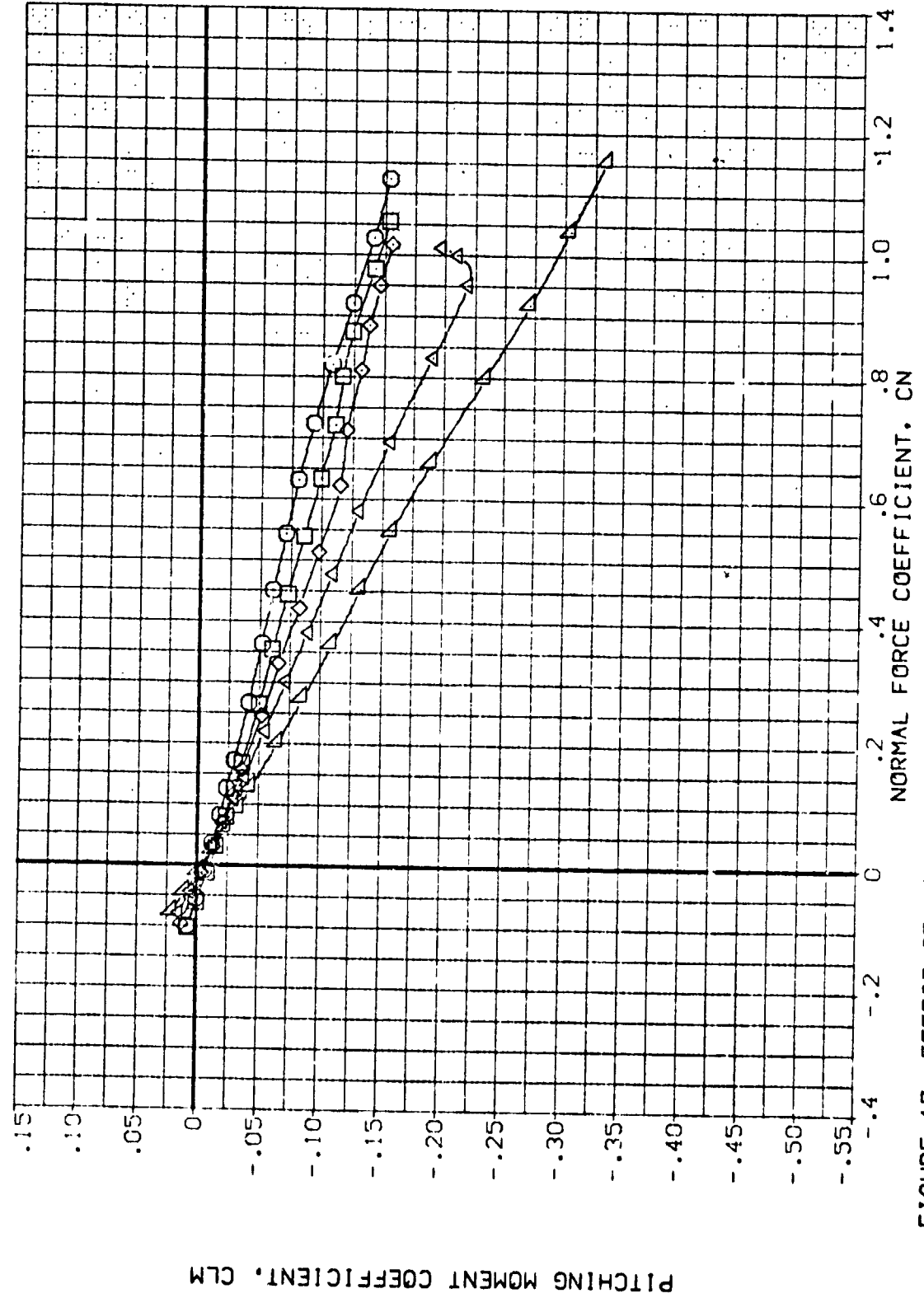


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(M)RN/FT = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (PNC031) WING V 60-60-0008
 (PNC035) WING V 60-65-0008
 (PNC034) WING V 60-70-0008
 (PNC033) WING V 60-75-0008
 (PNC032) WING V 60-80-0008

AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)
 AMES 12-086 (LA65)

LESVP 60.000
 60.000
 60.000
 60.000
 60.000

FILSWP 60.000
 65.000
 70.000
 75.000
 80.000

T/C .080
 .080
 .080
 .080
 .080

GRITNO 120.000
 120.000
 120.000
 120.000
 120.000

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

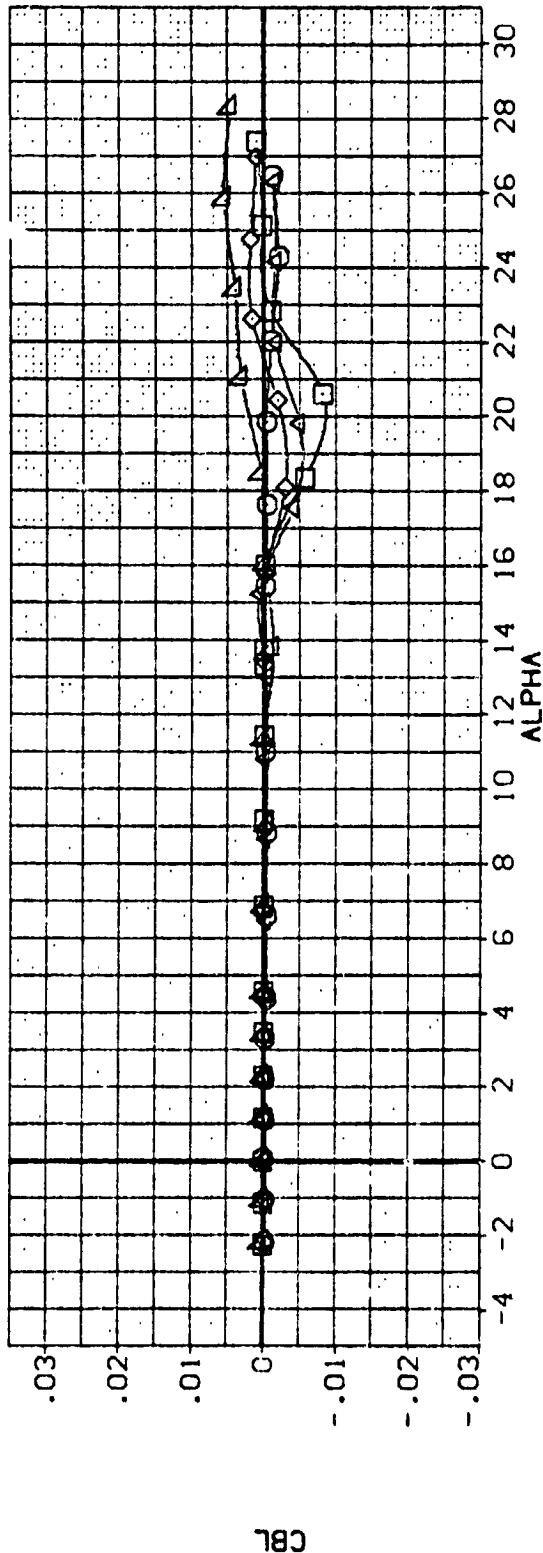
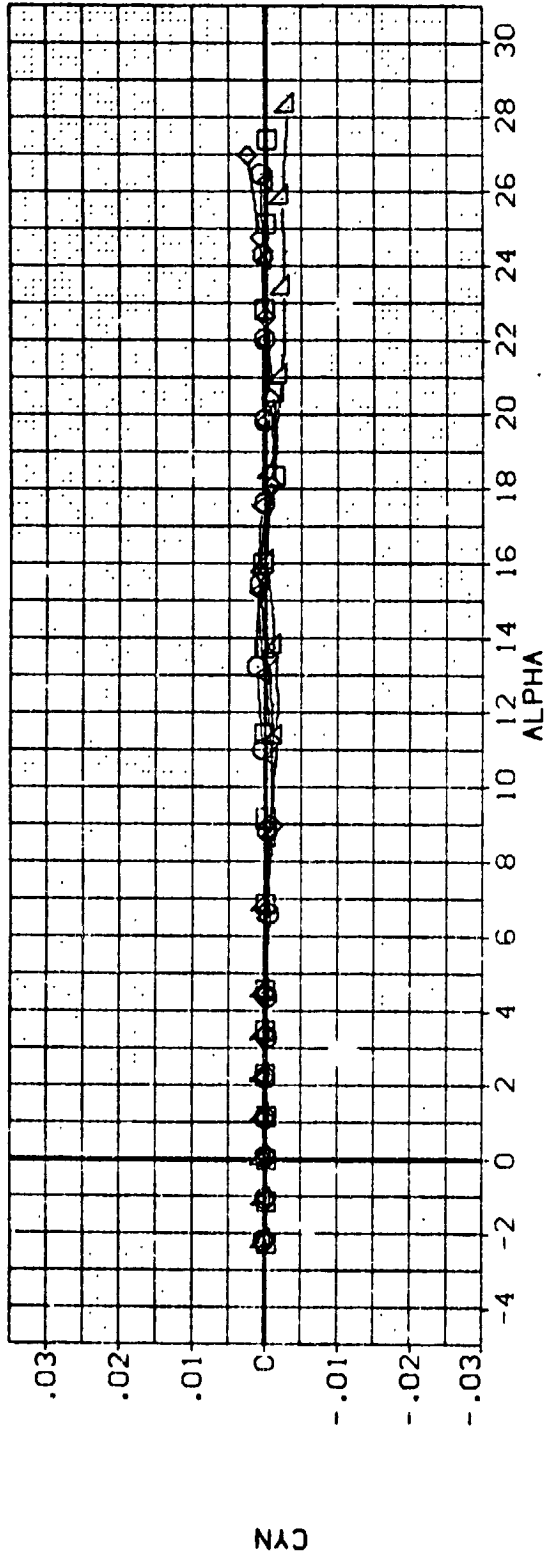


FIGURE 17. EFFECT OF WING FILLET SWEEP ANGLE (WING V)

(A)RN/FT = 8.00

APPENDIX
TABULATED SOURCE DATA

Tabulated data are available on request
from Data Management Services.

Data arranged in ascending order of the
first independent variable, RN/FT.

DATE 20 FEB 76

LA55 TABULATED SOURCE DATA

WING 1 25-25-0008 AMES 12-086 (LA65) (RNC001) (16 JUL 75) PAGE 1

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
LREF = 6.2646 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
FILSWP = 25.000 TESWP = 25.000
BETA = .000 MACH = .300
GRITNO = 120.000

RUN NO. 17/ 0 RN/L = 1.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.971	-2.030	.0000	-.06640	.01570	-.06780	.01809	-3.74960	-.02860	.00130	.00310	-.01020
1.971	-.990	.0000	-.01820	.01740	-.01790	.01771	-1.00830	-.03220	.00140	.00310	-.01030
1.971	.120	.0000	-.03500	.01700	.02500	.01705	1.46570	-.02700	.00150	.00320	-.01310
1.966	1.120	.0000	.07300	.01560	.07270	.01797	4.04540	-.02850	.00140	.00320	-.01050
1.966	2.210	.0000	.12320	.01520	.12250	.01998	6.13090	-.02750	.00140	.00320	-.01060
1.957	3.240	.0000	.17190	.01300	.17090	.02272	7.51870	-.02780	.00140	.00310	-.01000
1.954	4.260	.0000	.22250	.00940	.22120	.02584	8.55830	-.02730	.00140	.00300	-.01010
1.972	5.340	.0000	.31520	-.00110	.31340	.03371	9.29810	-.02100	.00140	.00290	-.01080
1.968	6.410	.0000	.41110	-.01380	.40870	.04646	9.79830	-.01550	.00140	.00290	-.01090
1.965	10.570	.0000	.51330	-.02650	.50980	.06610	7.71320	-.00850	.00140	.00250	-.01110
1.965	12.640	.0000	.61110	-.03300	.60350	.10143	5.94980	-.01150	.00130	.00280	-.01190
1.969	14.700	.0000	.71520	-.02810	.69890	.15438	4.52710	-.03140	.00120	.00300	-.01220
1.971	16.750	.0000	.76740	-.01510	.73920	.20683	3.57380	-.06630	.00230	.00280	-.01170
1.970	18.750	.0000	.78230	-.00600	.74320	.24606	3.02060	-.08780	.00190	.00250	-.01190
1.965	20.790	.0000	.80970	-.00870	.75000	.27231	2.72110	-.09890	.00250	.00280	-.01260
1.967	22.760	-.01000	.78930	-.00170	.72860	.30371	2.39890	-.10310	-.01500	.00570	-.00070
1.972	24.730	.0000	.73760	-.00770	.65670	.31555	2.11290	-.11510	.00250	.00280	-.00930

RUN NO. 16/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.987	-2.110	.0000	-.09370	.01090	-.03320	.01432	-6.51210	-.02180	.00070	.00180	.00490
3.981	-1.050	.0000	-.04820	.01260	-.04800	.01349	-3.55720	-.02010	.00070	.00190	-.00530
3.987	.050	.0000	.00470	.01320	.00470	.01316	.35570	-.02100	.00060	.00170	-.00510
3.985	1.160	.0000	.05050	.01210	.05030	.01311	3.83920	-.01870	.00060	.00160	-.00480
3.995	2.240	.0000	.10040	.01050	.09990	.01438	6.94370	-.01720	.00060	.00150	-.00490
3.992	3.330	.0000	.14990	.00760	.14920	.01633	9.13810	-.01500	.00060	.00150	-.00500
3.994	4.420	.0000	.20040	.00380	.19950	.01922	10.37900	-.01320	.00050	.00150	-.00500
3.965	5.520	.0000	.30230	-.00720	.30110	.02765	10.58400	-.00690	.00050	.00140	-.00520
3.984	6.760	.0000	.40300	-.02250	.40170	.03907	10.28300	.00190	.00050	.00130	-.00460
3.978	11.030	.0000	.51330	-.03910	.51130	.05976	8.55500	.00680	.00020	.00060	-.00330
3.993	13.170	.0000	.61800	-.04350	.61160	.09847	6.21150	.00370	.00020	.00070	-.00470
3.986	15.330	.01000	.72160	-.03890	.70600	.15399	4.58480	-.01600	.00060	.00130	-.00660
3.996	17.370	.01000	.75650	-.01900	.72760	.20774	3.50270	-.05650	.00140	.00080	-.00540
3.992	19.370	.01000	.77870	-.01250	.73890	.24643	2.99800	-.07850	.00170	.00100	-.00590
3.979	21.450	.0000	.81490	-.01520	.76400	.28376	2.68250	-.08170	-.00500	.00190	-.00340
3.981	23.460	.01000	.81660	-.01340	.75430	.31306	2.40950	-.08740	-.00750	.00050	-.00930
3.985	25.350	.0000	.74580	-.00100	.67360	.32921	2.10350	-.10600	-.00110	.00060	-.00030

ORIGINAL PAGE IS
OF POOR QUALITY

WING I 25-25-0008 AMES 12-096 (LAB5)

(RNC001) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILSMP = 25.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 15/ 0 RN/L = 5.86

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.869	-2.220	.0000	-1.0630	.00890	-.10580	.01306	-8.10230	-.01960	.00040	.00140	-.00340
5.864	-1.050	.0000	-.05540	.01040	-.05520	.01143	-4.83330	-.01780	.00040	.00120	-.00310
5.858	.030	.0000	-.00640	.01100	-.00640	.01095	-.58420	-.01670	.00040	.00130	-.00340
5.856	1.140	.0000	.04300	.00990	.04280	.01071	3.99870	-.01530	.00040	.00120	-.00310
5.878	2.260	.0000	.09090	.00840	.09050	.01200	7.54030	-.01360	.00030	.00100	-.00270
5.876	3.400	.0000	.14370	.00540	.14310	.01391	10.29000	-.01020	.00040	.00100	-.00320
5.881	4.530	.0000	.19630	.00140	.19560	.01689	11.57800	-.00650	.00030	.00100	-.00300
5.866	6.850	.0000	.30420	-.01110	.30330	.02529	11.59300	-.00070	.00040	.00090	-.00320
5.872	9.160	.0000	.41670	-.02910	.41600	.03766	11.04400	.00820	.00040	.00080	-.00310
5.864	11.470	.0000	.52420	-.04740	.52320	.05776	9.05680	.01470	-.00060	-.00020	-.00160
5.867	13.740	.0000	.63680	-.05720	.63120	.09965	6.33420	.01030	.00000	-.00140	-.00060
5.858	15.960	.0000	.72930	-.04663	.71460	.15953	4.58290	-.01320	-.00300	-.00090	.07020
5.852	18.050	.0000	.77860	-.03160	.75010	.21113	3.55290	-.05540	-.00700	-.00190	.00460
5.853	20.050	.0000	.78950	-.01800	.78780	.25368	2.94790	-.07550	-.00450	-.00100	.00080
5.854	22.180	.0000	.83850	-.02600	.78630	.29250	2.68820	-.07190	-.01020	-.00100	.00250
5.835	24.070	.02000	.81490	-.01490	.75010	.31880	2.35280	-.08930	-.00560	-.00120	-.00970
5.843	26.070	-.06000	.80480	-.00870	.72670	.34593	2.10090	-.10080	-.02960	-.00090	.03280

RUN NO. 14/ 0 RN/L = 7.89

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.927	-2.300	.0000	-.11220	.00800	-.11170	.01248	-8.95210	-.01700	.00010	.00030	-.00090
7.910	-1.170	.0000	-.06390	.00950	-.06370	.01084	-5.87230	-.01620	.00000	.00010	-.00050
7.948	-.010	.0000	-.01380	.01020	-.01380	.01019	-1.35560	-.01400	.00000	.00010	-.00040
7.948	1.170	.0000	.03900	.00950	.03870	.01032	3.75510	-.01250	-.00010	.00000	-.00020
7.921	2.350	.0000	.09100	.00760	.09060	.01131	8.01220	-.01000	-.00010	.00000	.00010
7.920	3.540	.0000	.14510	.00450	.14450	.01344	10.75100	-.00670	.00000	.00000	-.00010
7.930	4.750	.0000	.19990	-.00030	.19920	.01626	12.25600	-.00320	.00000	.00000	-.00040
7.899	7.160	.0000	.31330	-.01380	.31320	.02540	12.32900	.00420	.00000	-.00010	-.00020
7.895	9.580	.0000	.43050	-.03350	.43010	.03860	11.14200	.01290	.00000	-.00020	-.00170
7.892	11.950	.0000	.53920	-.05300	.53850	.05985	8.99790	.02110	-.00110	-.00160	.00170
7.881	14.350	.0000	.65440	-.06260	.65140	.10188	6.39400	.01800	-.00150	-.00250	.00430
7.880	16.670	.0000	.75840	-.07030	.74670	.15022	4.97030	.00500	-.00860	-.00500	.00920
7.878	18.740	-.01000	.80280	-.04720	.77540	.21318	3.63730	-.04060	-.01580	-.00210	.00590
7.951	20.740	-.01000	.81140	-.02950	.76930	.25971	2.96220	-.06180	-.01380	-.00010	.00280
7.866	22.870	.00000	.84970	-.03030	.79470	.30231	2.62870	-.06670	-.00380	-.00000	.00020
7.858	24.590	-.05000	.76050	-.01180	.71470	.31405	2.27570	-.09030	-.02560	-.00010	.02190
7.855	26.590	-.06000	.78530	-.00730	.70550	.34498	2.04520	-.10360	-.02440	-.00070	.02560

DATE 20 FEB 76

L655 TABULATED SOURCE DATA

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WING 1 25-25-0008 (ANC001) (16 JUL 75)

AMES 12-086 (L655)

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 17/ 0 RN/L = 1.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
1.971	-2.030	.00120	.00310	.00430	129.00000
1.971	-.990	.00130	.00310	.00420	129.00000
1.971	.120	.00150	.00320	.00410	129.00000
1.966	1.120	.00150	.00320	.00430	129.00000
1.966	2.210	.00150	.00320	.00430	129.00000
1.967	3.240	.00150	.00310	.00440	129.00000
1.954	4.260	.00160	.00290	.00430	129.00000
1.972	6.340	.00170	.00270	.00410	130.00000
1.968	8.410	.00180	.00260	.00400	129.00000
1.965	10.570	.00180	.00220	.00400	129.00000
1.965	12.640	.00190	.00250	.00430	129.00000
1.969	14.700	.00190	.00260	.00470	130.00000
1.971	16.760	.00300	.00200	.00530	130.00000
1.970	18.750	.00260	.00170	.00700	130.00000
1.966	20.790	.00340	.00170	.00880	129.00000
1.967	22.760	-.01170	.01110	.01390	130.00000
1.972	24.730	.00340	.00150	.01650	130.00000

RUN NO. 16/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.987	-2.110	.00060	.00180	.00440	265.00000
3.981	-1.050	.00060	.00190	.00440	264.00000
3.987	.050	.00060	.00170	.00440	266.00000
3.965	1.160	.00060	.00160	.00450	266.00000
3.996	2.240	.00060	.00150	.00450	267.00000
3.992	3.330	.00070	.00140	.00450	267.00000
3.994	4.420	.00070	.00140	.00450	268.00000
3.986	6.620	.00070	.00140	.00460	267.00000
3.984	8.760	.00070	.00120	.00440	268.00000
3.978	11.030	.00030	.00060	.00440	267.00000
3.983	13.170	.00030	.00060	.00450	268.00000
3.986	15.390	-.00020	.00140	.00500	269.00000
3.986	17.370	.00160	.00040	.00580	269.00000
3.982	19.370	.00200	.00040	.00720	268.00000
3.979	21.450	-.00400	.00370	.00950	268.00000
3.981	23.480	-.00710	-.00260	.01190	268.00000
3.985	25.350	-.00080	.00100	.01750	269.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING 1 25-25-0008

AMES 12-086 (LA65)

(ANCO01) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 15/ 0 RN/L = 5.86

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSPF)
5.869	-2.220	.00040	.00140	.00480	397.00000
5.864	-1.060	.00030	.00120	.00470	396.00000
5.858	.030	.00040	.00130	.00480	396.00000
5.856	1.140	.00040	.00110	.00500	396.00000
5.878	2.260	.00040	.00100	.00490	400.00000
5.876	3.400	.00040	.00100	.00480	400.00000
5.881	4.530	.00040	.00100	.00480	400.00000
5.866	6.850	.00050	.00080	.00470	399.00000
5.872	9.160	.00050	.00070	.00460	400.00000
5.864	11.470	.00060	.00010	.00440	398.00000
5.867	13.740	.00030	.00140	.00470	400.00000
5.858	15.950	.00420	.00000	.00330	399.00000
5.852	18.050	.00720	.00040	.00640	398.00000
5.853	20.050	.00450	.00060	.00780	399.00000
5.854	22.180	.00980	.00290	.00970	399.00000
5.835	24.070	.00460	.00340	.01260	397.00000
5.843	26.070	.02760	.01220	.02010	398.00000

RUN NO. 14/ 0 RN/L = 7.89

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSPF)
7.927	-2.300	.00000	.00030	.00450	514.00000
7.910	-1.170	.00000	.00010	.00460	514.00000
7.948	-.010	.00000	.00010	.00470	521.00000
7.948	1.170	.00010	.00000	.00460	523.00000
7.921	2.350	.00010	.00000	.00460	520.00000
7.920	3.540	.00030	.00000	.00440	521.00000
7.900	4.750	.00200	.00030	.00460	520.00000
7.899	7.160	.00000	.00010	.00450	521.00000
7.896	9.590	.00010	.00320	.00440	522.00000
7.832	11.950	.00140	.00130	.00430	523.00000
7.831	14.350	.00210	.00200	.00460	524.00000
7.830	16.670	.03960	.00230	.00500	524.00000
7.878	18.740	.01560	.00300	.00560	525.00000
7.851	20.740	.01290	.00480	.00790	522.00000
7.866	22.870	.00350	.00150	.00970	525.00000
7.858	24.590	.02340	.01060	.01650	525.00000
7.855	26.590	.02210	.01030	.01870	526.00000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

WING 1 25-80-008 AMES 12-086 (LA65)

(RNC002) (16 JUL 75)

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.5755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 21/ 0 RN/L = 1.39

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.918	-2.000	.00000	-.04430	.00880	-.04390	.01030	-4.26770	.00370	-.00020	-.00090	.00270
1.908	-.970	.00000	-.01040	.00960	-.01030	.00975	-1.05180	-.00530	-.00020	-.00090	.00260
1.903	.070	.00000	.02130	.01010	.02130	.01015	2.09890	-.01300	-.00020	-.00110	.00290
1.900	1.110	.00000	.05150	.00940	.05130	.01038	4.94480	-.01920	-.00020	-.00080	.00240
1.895	2.160	.00000	.08590	.00820	.08540	.01145	7.46510	-.02810	-.00020	-.00110	.00320
1.897	3.180	.00000	.11560	.00680	.11500	.01321	6.70780	-.03400	-.00010	-.00040	.00180
1.895	4.230	.00000	.15200	.00490	.15120	.01612	9.37760	-.04240	-.00050	-.00050	.00260
1.894	6.320	.00000	.22450	.00090	.22330	.02384	9.36430	-.05910	-.00010	-.00030	.00240
1.891	8.390	.00000	.30020	.00680	.29801	.03711	8.02960	-.07500	.00000	.00040	.00260
1.893	10.480	.00000	.38670	.00820	.38180	.06235	6.12320	-.09640	-.00020	.00140	.00060
1.890	12.600	.00000	.48010	.00670	.47000	.09825	4.78320	-.12120	.00020	.00000	.00240
1.889	14.710	.00000	.56840	.00740	.55170	.09250	4.02090	-.14360	.00090	.00020	.00190
1.887	16.820	.00000	.67030	.01060	.64470	.18383	3.50720	-.16820	.00110	.00040	.00110
1.888	18.920	.00000	.77040	.01520	.73370	.23540	3.11680	-.19070	.00140	.00070	.00190
1.690	21.000	.01000	.86400	.01940	.81350	.29161	2.78980	-.21150	.00250	.00140	.00350
1.887	23.110	.01000	.94730	.02300	.88030	.35066	2.51030	-.22800	.00470	.00270	.00310
1.889	25.210	.01000	1.02400	.02800	.93840	.41079	2.28440	-.24230	.00570	.00300	.00370

RUN NO. 20/ 0 RN/L = 3.99

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
4.015	-2.090	.00000	-.06070	.00760	-.06030	.00985	-6.11520	.00980	.00010	-.00040	.00100
4.006	-1.030	.00000	-.02890	.00970	-.02870	.00922	-3.11920	.00200	.00020	-.00010	.00070
4.005	.070	.00000	.00670	.00910	.00670	.00910	.73260	-.00620	.00020	.00010	.00080
4.002	1.150	.00000	.03330	.00860	.03910	.00940	4.15940	-.01400	.00010	.00030	.00110
3.933	2.220	.00000	.07290	.00760	.07260	.01045	6.94930	-.02130	.00010	.00020	.00100
3.937	3.320	.00000	.10590	.00590	.10540	.01199	8.78730	-.02890	.00010	.00030	.00130
3.992	4.370	.00000	.14250	.00350	.13990	.01414	9.88920	-.03650	.00000	.00020	.00120
3.992	5.540	.00000	.21280	.00230	.21170	.02194	9.65090	-.05320	.00010	.00000	.00120
3.988	8.730	.00000	.29540	.01000	.29350	.03495	8.39850	-.07100	.00010	.00000	.00120
3.987	10.910	.01000	.39390	.01400	.37960	.05891	6.44400	-.09170	.00070	.00300	.00150
3.977	13.120	.00000	.48220	.00890	.47160	.10082	4.67820	-.11910	.00090	.00300	.00050
3.999	15.320	.00000	.57390	.00890	.55580	.14306	3.56500	-.14300	.00080	.00020	.00060
3.989	17.570	.01000	.67830	.01290	.65060	.19241	3.38130	-.16780	.00180	.00040	.00130
3.985	19.800	.01000	.78190	.01730	.74150	.24850	2.98300	-.19250	.00230	.00070	.00050
3.976	22.000	.02000	.87370	.02110	.81800	.30783	2.65730	-.21280	.00340	.00140	.00070
3.989	24.120	.03000	.94280	.02410	.87020	.36411	2.38940	-.22570	.00520	.00220	.00060
3.995	26.360	.03000	1.01170	.02920	.91940	.42301	2.17350	-.23490	.00560	.00230	.00080

ORIGINAL PAGE IS OF POOR QUALITY

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LA65 TABULATED SOURCE DATA

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WING 1 25-80-0008

AMES 12-086 (LA65)

(RNC002) (16 JUL 75)

REFERENCE DATA

SREF = .7905 SO.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6745 INCHES YMRP = .0000 IN. YB
 HREF = 13.1145 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

T/C = .080 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 19/ 0 RN/L = 5.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.973	-2.170	.0000	-.06990	.00700	-.06950	.00960	-7.24620	.01270	.00030	-.00020	.00030
5.957	-1.970	.0000	-.03600	.00810	-.03580	.00877	-4.08430	.00460	.00020	-.00010	.00010
5.952	.950	.0000	-.00080	.00850	-.00080	.00859	-.08860	-.00330	.00020	.00000	.00010
5.948	1.200	.0000	.03420	.00820	.03400	.00888	3.82840	-.01130	.00020	-.00010	.00030
5.950	2.290	.0000	.06930	.00720	.06900	.00991	6.85720	-.01930	.00010	.00000	.00030
5.950	3.380	.0000	.10140	.00520	.10190	.01118	9.03320	-.02640	.00020	.00020	.00000
5.940	4.500	.0000	.13560	.00260	.13590	.01334	10.18700	-.03430	.00020	.00010	.00020
5.945	6.750	.0000	.21400	-.00370	.21290	.02152	9.89210	-.05200	.00020	.00010	.00020
5.940	9.050	.0000	.30460	-.01240	.30280	.03570	8.48220	-.07210	.00020	.00030	-.00010
5.943	11.360	.0000	.39400	-.02250	.39070	.05547	7.04350	-.09140	.00050	.00040	-.00030
5.940	13.680	.0000	.48650	-.01410	.48570	.10372	4.68280	-.12050	.00140	.00160	-.00180
5.943	15.980	.0000	.59330	-.01130	.57350	.15247	3.76150	-.00080	.00080	.00000	-.00050
5.929	18.330	.0100	.70070	-.01590	.67020	.20527	3.26480	-.17240	.00170	.00060	-.00240
5.925	20.670	.0300	.80800	-.02090	.76340	.26570	2.87310	-.19710	.00240	.00060	-.00770
5.926	22.950	.0400	.89300	-.02400	.83160	.32619	2.54950	-.21590	.00430	.00190	-.00910
5.935	25.240	.0500	.95350	-.02730	.83620	.38589	2.29050	-.22930	.00510	.00220	-.01080
5.933	27.460	.0400	1.01840	-.03240	.91860	.44076	2.08410	-.23270	.00460	-.00250	-.00940

RUN NO. 18/ 0 RN/L = 7.90

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.917	-2.260	.0000	-.07390	.00680	-.07350	.00972	-7.56210	.01430	.00030	.00000	-.00020
7.899	-1.120	.0000	-.04010	.00790	-.03990	.00873	-4.57730	.00630	.00030	.00010	-.00020
7.908	.050	.0000	-.00390	.00840	-.00390	.00844	-.46190	-.00180	.00030	.00000	.00000
7.924	1.200	.0000	.03080	.00790	.03060	.00855	3.58040	-.00980	.00030	.00010	-.00020
7.929	2.340	.0000	.06540	.00680	.06510	.00951	6.84680	-.01750	.00020	.00020	-.00020
7.913	3.480	.0000	.10060	.00490	.10010	.01095	9.13160	-.02540	.00010	.00020	-.00010
7.909	4.660	.0000	.13450	.00210	.13490	.01342	10.34700	-.03410	.00020	.00020	-.00030
7.902	7.040	.0000	.22350	-.00500	.22240	.02236	9.94590	-.05300	.00020	.00030	-.00030
7.892	9.390	.0000	.30970	-.01380	.30780	.03688	8.34760	-.07250	.00020	.00050	-.00040
7.894	11.810	.0000	.40370	-.02500	.40020	.04817	6.83080	-.09220	.00040	.00050	-.00090
7.889	14.240	-.0100	.50350	-.02530	.49430	.09922	4.98210	-.11780	.00190	.00680	-.00770
7.898	16.710	.0100	.61510	-.01390	.59310	.16353	3.62700	-.15090	.00100	.00010	-.00130
7.884	19.180	.0300	.72790	-.01850	.69360	.22168	3.12870	-.17740	.00220	.00050	-.00480
7.880	21.620	.0500	.83220	-.02370	.78240	.28455	2.74950	-.20170	.00280	.00060	-.00900
7.875	23.990	.0600	.91550	-.02690	.84730	.34772	2.43690	-.21940	.00480	.00190	-.01080
7.860	26.330	.0800	.99490	-.03280	.90590	.41278	2.19460	-.23260	.00400	.00210	-.01380
7.903	28.660	.0800	1.02820	-.03610	.91950	.46153	1.99240	-.22920	.00350	-.00280	-.00830

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 7

(ANC002) (16 JUL 75)

AMES 12-086 (LA65)

WING I 25-80-0009

REFERENCE DATA

SREF = .7935 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BRFF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 21/ 0 RN/L = 1.99

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
1.918	-2.000	-.00010	-.00090	.00140	126.00000
1.908	-.970	-.00010	-.00090	.00130	126.00000
1.903	.070	-.00020	-.00110	.00130	126.00000
1.900	1.110	-.00020	-.00080	.00130	126.00000
1.896	2.160	-.00030	-.00100	.00130	125.00000
1.897	3.180	-.00010	-.00040	.00140	126.00000
1.895	4.230	-.00020	-.00050	.00130	126.00000
1.894	6.320	-.00020	-.00030	.00130	126.00000
1.891	8.390	-.00010	-.00040	.00150	125.00000
1.893	10.480	.00010	.00140	.00160	126.00000
1.890	12.600	.00020	.00000	.00170	126.00000
1.887	14.710	.00080	-.00040	.00180	126.00000
1.887	16.820	.00090	-.00070	.00200	126.00000
1.883	18.920	.00110	-.00110	.00220	126.00000
1.890	21.000	.00180	-.00220	.00250	126.00000
1.897	23.110	.00330	-.00440	.00280	126.00000
1.888	25.210	.00380	-.00520	.00320	126.00000

RUN NO. 20/ 0 RN/L = 3.99

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
4.015	-2.090	.00010	-.00040	.00160	270.00000
4.006	-1.030	.00020	-.00010	.00160	269.00000
4.005	.070	.00020	-.00010	.00160	269.00000
4.002	1.150	.00010	-.00030	.00160	269.00000
3.999	2.220	.00010	-.00020	.00170	269.00000
3.997	3.320	.00010	-.00030	.00170	269.00000
3.992	4.370	.00000	-.00020	.00170	269.00000
3.986	5.540	.00010	.00000	.00180	269.00000
3.988	6.730	.00010	.00000	.00190	269.00000
3.987	10.910	.00130	.00280	.00210	269.00000
3.977	13.120	.00090	.00010	.00210	268.00000
3.999	15.320	.00070	-.00050	.00220	271.00000
3.989	17.570	.00150	-.00100	.00240	270.00000
3.985	19.800	.00190	-.00140	.00260	269.00000
3.976	22.000	.00270	-.00260	.00300	268.00000
3.989	24.180	.00390	-.00410	.00350	270.00000
3.995	26.350	.00400	-.00450	.00430	271.00000

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 8

(ANCO02) (16 JUL 75)

AMES 12-086 (LAGE5)

WING 1 25-80-0008

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILSWP = 80.000 TESWF = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 19/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.973	-2.170	.00030	-.00020	.00170	397.00000
5.957	-1.070	.00020	-.00010	.00170	397.00000
5.962	.050	.00020	.00000	.00170	398.00000
5.948	1.200	.00020	-.00010	.00170	397.00000
5.950	2.290	.00010	.00000	.00170	398.00000
5.940	3.380	.00020	.00020	.00170	399.00000
5.940	4.500	.00020	.00010	.00190	399.00000
5.945	6.750	.00020	.00010	.00190	400.00000
5.943	11.360	.00050	.00030	.00220	401.00000
5.940	13.680	.00180	.00130	.00230	401.00000
5.943	15.980	.00080	-.00020	.00240	401.00000
5.929	18.330	.00140	-.00110	.00260	400.00000
5.925	20.670	.00200	-.00150	.00280	400.00000
5.926	22.960	.00320	-.00340	.00330	401.00000
5.935	25.240	.00370	-.00420	.00390	402.00000
5.933	27.460	.00290	-.00430	.00510	402.00000

RUN NO. 18/ 0 RN/L = 7.90

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.917	-2.260	.00030	.00000	.00190	526.00000
7.899	-1.120	.00030	.00010	.00190	527.00000
7.908	.050	.00030	.00000	.00190	529.00000
7.924	1.200	.00030	.00010	.00190	532.00000
7.929	2.340	.00020	.00020	.00180	534.00000
7.913	3.480	.00010	.00020	.00190	532.00000
7.909	4.660	.00030	.00020	.00190	532.00000
7.902	7.040	.00020	.00030	.00190	532.00000
7.892	9.390	.00030	.00040	.00200	532.00000
7.894	11.810	.00050	.00040	.00210	533.00000
7.889	14.230	.00210	.00610	.00230	533.00000
7.898	16.710	.00090	-.00040	.00240	535.00000
7.884	19.190	.00190	-.00120	.00260	534.00000
7.883	21.620	.00240	-.00160	.00300	534.00000
7.875	23.920	.00360	-.00370	.00340	534.00000
7.860	26.330	.00270	-.00360	.00410	535.00000
7.903	28.660	.00170	-.00410	.00590	539.00000

DATE 20 FEB 76

L465 TABULATED SOURCE DATA

WING 1 25-75-0008

AMES 12-086 (L465)

(RNC003) (16 JUL 75)

REFERENCE DATA

SREF = .6924 SQ.FT. XMRP = 9.0709 IN. XB
 LREF = 10.0404 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 75.000 TESWP = 25.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 40/ 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.996	-2.060	.0000	-.07460	.00810	-.07430	.01074	-6.91500	.00680	.00000	-.00050	.00000
3.993	-1.030	.0000	-.03820	.00890	-.03800	.00962	-3.95320	.00180	-.00010	-.00050	.00030
3.991	.060	.0000	.00210	.00940	.00210	.00937	.22630	-.00410	-.00030	-.00060	.00230
3.986	1.170	.0000	.04050	.00890	.04040	.00977	4.13740	-.00980	-.00040	-.00040	.00240
3.974	2.180	.0000	.07820	.00800	.07780	.01096	7.10120	-.00030	-.00030	-.00030	.00200
3.974	3.230	.0000	.11630	.00590	.11580	.01250	9.26460	-.02050	-.00030	-.00030	.00200
3.974	4.310	.0000	.15640	.00320	.15570	.01490	10.45000	-.02600	-.00030	-.00000	.00160
3.974	6.350	.0000	.23900	-.00340	.23790	.02309	10.30200	-.00040	-.00020	-.00020	.00150
3.967	8.470	.0000	.32070	-.01390	.31930	.03347	9.53970	-.05000	-.00040	-.00040	.00170
3.962	10.600	.0000	.41530	-.02330	.41250	.05356	7.70230	-.06420	-.00130	-.00130	.00060
3.962	12.710	.0000	.52130	-.01830	.51260	.08685	5.29230	-.08580	-.00330	-.00110	.00060
3.950	14.870	.0000	.62070	-.02240	.60570	.13766	4.39980	-.10430	-.00160	-.00240	.00050
3.951	17.010	.0000	.73480	-.02340	.70920	.19350	3.68430	-.12710	-.00040	-.00000	.00280
3.959	19.120	.0000	.85940	-.02580	.82870	.27352	3.20110	-.14330	-.00030	-.00030	.00190
3.972	21.240	.0000	.92400	-.02700	.87100	.36962	2.81320	-.15700	-.00070	-.00020	.00200
3.953	23.380	.0000	.98330	-.02990	.91990	.46522	2.51880	-.16530	-.00130	-.00090	.00110
3.958	25.420	-.01000	1.04590	-.03510	.95970	.41719	2.30050	-.16940	-.00190	-.00210	-.00060

RUN NO. 39/ 0 RN/L = 5.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.004	-2.060	.0000	-.07290	.00800	-.07250	.01058	-6.85880	.00690	.00000	-.00030	.00070
6.000	-.960	.0000	-.03440	.00890	-.03420	.00946	-3.61530	.00140	-.00010	-.00030	.00170
5.994	.000	.0000	.00230	.00930	.00230	.00913	.24550	-.00400	-.00020	-.00020	.00170
5.985	1.100	.0000	.03850	.00820	.03840	.00954	4.02830	-.00920	-.00010	-.00010	.00170
5.975	2.190	.0000	.07770	.00750	.07740	.01051	7.36270	-.01460	-.00020	-.00020	.00140
5.974	3.300	.0000	.11630	.00550	.11780	.01226	9.61010	-.02020	-.00030	-.00020	.00130
5.954	4.370	.0000	.15640	-.00280	.15770	.01490	10.58400	-.02620	-.00020	-.00030	.00080
5.980	6.560	.0000	.24140	-.00540	.24040	.02224	10.81100	-.03790	-.00030	-.00030	.00090
5.977	8.680	.0000	.32830	-.01600	.32690	.03376	9.68410	-.05090	-.00020	-.00050	.00090
5.959	10.900	.0000	.42040	-.02740	.41890	.05259	7.94840	-.06460	-.00000	-.00060	.00070
5.973	13.060	.0000	.51690	-.02730	.50970	.08035	5.64200	-.08090	-.00030	-.00110	.00230
5.967	15.280	.0000	.62150	-.02680	.60660	.13793	4.39770	-.10440	-.00240	-.00260	.00450
5.971	17.490	.0000	.73260	-.02710	.70690	.19434	3.63740	-.12700	-.00080	-.00030	.00140
5.971	19.640	.0000	.83240	-.03060	.80350	.25052	3.16560	-.14310	-.00010	-.00010	.00090
5.953	21.820	.0000	.92200	-.03480	.86890	.31044	2.79890	-.15620	-.00020	-.00040	.00070
5.968	23.990	.0000	.98240	-.03600	.91220	.36646	2.48930	-.16300	-.00140	-.00060	.00010
5.970	26.070	.0000	1.02710	-.03840	.93950	.41690	2.25360	-.16840	-.00150	-.00110	-.00010

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LA65 TABULATED SOURCE DATA

PAGE 10

WING 1 25-75-0008

AMEC 12-086 (LA65)

(RNC003) (16 JUL 75)

REFERENCE DATA

SREF = .6924 50.FT. XMRP = 9.0709 IN. XB
 LREF = 10.0404 INCHES YMRP = .0000 IN. YB
 BRFC = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILSMP = 75.000 TESKP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 38/ 0 RN/L = 7.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.998	-2.140	.0000	-.07630	.00670	-.07300	.00951	-7.99810	.00740	.00000	-.00010	-.00030
7.996	-1.050	.0000	-.03960	.00780	-.03950	.00853	-4.62860	.00210	.00000	.00000	-.00020
7.984	.080	.0000	.00080	.00800	.07080	.00804	.09480	-.00360	.00000	.00000	-.00020
7.975	1.140	.0000	.03610	.00760	.03600	.00828	4.34200	-.00870	-.00010	.00010	-.00030
7.965	2.270	.0000	.07600	.00640	.07570	.00945	8.01700	-.01400	.00000	.00010	-.00040
7.971	3.400	.0000	.11720	.00400	.11680	.01090	10.71500	-.02010	.00000	.00020	-.00010
7.972	4.420	.0000	.15580	.00160	.15520	.01364	11.38300	-.02560	-.00010	.00030	.00030
7.980	5.540	.0000	.19800	-.00170	.19720	.01744	11.31000	-.03160	.00020	.00030	.00010
7.974	6.660	.0000	.24250	-.00630	.24160	.02189	11.03600	-.03820	-.00010	.00030	.00010
7.956	8.920	.0000	.33270	-.01720	.33130	.03457	9.58550	-.05160	-.00010	.00030	-.00020
7.959	11.150	.0000	.42130	-.02820	.41820	.05382	7.78060	-.06500	.00020	.00050	.00020
7.961	13.380	.01000	.52370	-.03370	.51730	.08841	5.85080	-.08180	-.00080	-.00270	.00400
7.959	15.680	.01000	.63670	-.03070	.62130	.14246	4.36140	-.10690	-.00290	-.00250	.00450
7.948	17.890	.00000	.73670	-.02980	.71030	.19767	3.58960	-.12790	.00010	-.00160	.00320
7.954	20.130	.00000	.83530	-.03200	.79520	.25740	3.08950	-.14440	-.00060	-.00030	.00130
7.954	22.350	-.01000	.91080	-.03210	.85460	.31664	2.69890	-.15790	-.00150	.00120	-.00110
7.920	24.510	.00000	.97560	-.03690	.90300	.37105	2.43360	-.16390	-.00050	.00040	.00050
7.914	26.690	.00000	1.01850	-.04090	.92840	.42099	2.20520	-.16840	-.00180	.00030	.00010

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING 1 25-75-0008

AMES 12-086 (LA65)

(ANCO03) (15 JUL 75)

REFERENCE DATA

SPEF = .692 0. FT. XMRP = 9.0709 IN. XB
 LREF = 10.04 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 40 / 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.995	-2.060	.00000	-.00050	.00140	262.00000
3.993	-1.030	-.00019	-.00050	.00140	262.00000
3.991	.060	-.00030	-.00060	.00130	262.00000
3.986	1.170	-.00040	-.00040	.00130	262.00000
3.974	2.180	-.00040	-.00030	.00150	260.00000
3.974	3.230	-.00040	-.00020	.00140	261.00000
3.981	4.310	-.00030	-.00010	.00150	262.00000
3.974	6.350	-.00040	-.00020	.00150	262.00000
3.967	8.470	-.00020	-.00040	.00170	261.00000
3.962	10.600	.00030	.00130	.00190	261.00000
3.962	12.710	-.00060	-.00100	.00190	261.00000
3.960	14.870	-.00220	-.00190	.00210	261.00000
3.961	17.010	-.00040	-.00010	.00230	262.00000
3.958	19.120	-.00010	-.00040	.00230	261.00000
3.972	21.240	.00050	-.00050	.00280	263.00000
3.959	23.360	-.00060	-.00140	.00400	262.00000
3.958	25.420	-.00080	-.00270	.00520	262.00000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 75.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 39 / 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
6.004	-2.060	.00000	-.00030	.00150	395.00000
6.000	-.960	-.00010	-.00030	.00150	395.00000
5.994	.110	-.00020	-.00020	.00170	395.00000
5.985	1.100	-.00030	-.00010	.00160	395.00000
5.975	2.190	-.00020	-.00020	.00170	394.00000
5.974	3.300	-.00030	-.00020	.00170	395.00000
5.984	4.370	-.00020	-.00030	.00180	397.00000
5.977	6.560	-.00020	-.00040	.00180	397.00000
5.977	8.680	-.00020	-.00050	.00190	397.00000
5.959	10.900	.00010	.00050	.00180	395.00000
5.973	13.080	-.00050	-.00100	.00200	397.00000
5.967	15.260	-.00300	-.00190	.00210	396.00000
5.979	17.490	-.00090	-.00010	.00240	399.00000
5.971	19.640	.00030	-.00030	.00270	398.00000
5.959	21.820	.00000	.00040	.00330	397.00000
5.968	23.990	-.00110	-.00120	.00450	399.00000
5.970	26.070	-.00090	-.00160	.00610	399.00000

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LA65 TABULATED SOURCE DATA

PAGE 12

WING 1 25-75-0008

AMES 12-086 (LA65)

(ANC003) (16 JUL 75)

REFERENCE DATA

SREF = .6924 SG.FT. XMRP = 9.0709 IN. XB
 LREF = 10.0404 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 38/ 0 RN/L = 7.96

PARAMETRIC DATA

T/C = .080
 FILSMP = 75.000
 BETA = .000
 GRITNO = 120.000
 LFSWP = 25.000
 TESWP = 25.000
 MACH = .300

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.988	-2.140	.00010	-.00010	.00170	520.00000
7.986	-1.050	.00000	.00000	.00150	522.00000
7.984	.080	.00000	.00000	.00160	522.00000
7.975	1.140	-.00010	.00010	.00160	521.00000
7.985	2.270	.00000	.00010	.00160	523.00000
7.971	3.400	.00000	.00020	.00180	522.00000
7.972	4.420	-.00010	.00030	.00170	523.00000
7.980	5.540	-.00010	.00020	.00170	525.00000
7.974	6.660	-.00010	.00030	.00170	525.00000
7.956	8.920	-.00010	.00040	.00180	523.00000
7.959	11.150	-.00010	.00050	.00190	524.00000
7.961	13.380	-.00140	-.00240	.00200	525.00000
7.959	15.580	-.00340	-.00160	.00220	525.00000
7.949	17.890	-.00040	-.00150	.00250	524.00000
7.954	20.130	-.00070	-.00010	.00280	526.00000
7.954	22.350	-.00130	-.00180	.00360	526.00000
7.920	24.510	-.00030	.00060	.00520	527.00000
7.914	26.690	-.00140	.00110	.00540	527.00000

WING I 25-70-0008 AMES 12-086 (LA65) (RNC004) (16 JUL 75)

REFERENCE DATA

SREF = 6426 SQ.FT. XMRP = 7.2912 IN. XB
 LREF = 8.8043 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSMP = 70.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GR1TNO = 120.000

RUN NO. 43/ 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.980	-2.060	.00000	-.07320	.00590	-.07290	.00853	-8.54500	-.00340	.00000	.00030	-.00100
3.972	-.990	.00000	-.03650	.00820	-.03640	.00880	-4.13250	-.00430	.00000	.00040	-.00060
3.964	.060	.00000	.00180	.00790	.00180	.00795	.22980	-.00740	.00000	.00050	-.00080
3.977	1.170	.00000	.04280	.00760	.04260	.00852	5.00610	-.01200	.00000	.00060	-.00120
3.977	2.220	.00000	.08460	.00670	.08430	.00996	8.46220	-.01560	.00000	.00060	-.00080
3.972	3.320	.00000	.12420	.00430	.12380	.01146	10.79900	-.01840	.00000	.00070	-.00040
3.972	4.380	.00000	.16560	.00160	.16500	.01421	11.60900	-.02260	.00000	.00050	-.00080
3.972	6.520	.00000	.25040	-.00640	.24950	.02211	11.28700	-.02940	.00000	.00040	-.00140
3.977	8.640	.00000	.33730	-.01780	.33610	.03314	10.14200	-.03700	.00000	.00000	-.00190
3.972	10.600	.00000	.42620	-.02340	.42500	.05727	7.42080	-.04820	-.00300	-.00300	-.00470
3.963	13.000	.00000	.53980	-.01980	.53040	.10212	5.19370	-.06800	-.00120	-.00120	-.00250
3.967	15.150	.00000	.64400	-.02480	.62810	.14435	4.55130	-.08050	-.00140	-.00140	-.00210
3.966	17.320	.00000	.75010	-.02950	.72490	.19520	3.71350	-.09640	-.00150	-.00150	-.00040
3.957	19.420	.00000	.82750	-.03250	.79160	.24451	3.23730	-.10850	-.00130	-.00130	-.00060
3.978	21.570	-.01000	.89620	-.03330	.84570	.28861	2.83210	-.12120	-.00060	-.00090	-.00190
3.965	23.670	-.00000	.96120	-.03650	.89500	.35251	2.53890	-.13120	-.00640	-.00110	-.00040
3.973	25.710	-.01000	1.00240	-.03940	.96020	.39945	2.30370	-.13390	-.00130	-.00110	-.00110

RUN NO. 50/ 0 RN/L = 5.92

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.929	-2.150	.00000	-.09540	.00720	-.08510	.01042	-8.16490	.00190	-.00010	.00020	-.00070
5.916	-1.060	.00000	-.04410	.00840	-.04400	.00921	-4.77040	-.00280	-.00010	.00020	-.00080
5.934	.040	.00000	.00250	.00870	.00250	.00871	-.28770	-.00620	-.00020	.00020	-.00080
5.944	1.180	.00000	.04010	.00830	.03590	.00909	4.39580	-.01040	-.00030	-.00010	-.00010
5.938	2.290	.00000	.08220	.00690	.08180	.01019	8.02810	-.01400	-.00040	-.00010	-.00030
5.934	3.430	.00000	.12520	.00460	.12470	.01208	10.31700	-.01730	-.00040	-.00010	-.00030
5.929	4.530	.00000	.16710	.00130	.16650	.01451	11.47200	-.02060	-.00040	-.00010	-.00020
5.926	6.630	.00000	.25270	-.00750	.25180	.02201	11.44300	-.02770	-.00050	-.00020	-.00050
5.921	8.940	.00000	.34950	-.02110	.34850	.03347	10.41300	-.03650	-.00050	-.00010	-.00010
5.919	11.180	.00000	.43980	-.02320	.43720	.05658	7.72610	-.04540	-.00250	-.00250	-.00270
5.917	13.420	.00000	.54400	-.02370	.53490	.10325	5.18010	-.06620	-.00060	-.00160	-.00150
5.928	15.690	.01000	.64160	-.02180	.62520	.14675	4.26050	-.07730	-.00320	-.00200	-.00150
5.922	17.960	.00000	.75090	-.03020	.72360	.20278	3.56850	-.09140	-.00090	-.00010	-.00130
5.910	20.170	.00000	.83150	-.03790	.79190	.25590	3.09440	-.10240	-.00050	-.00000	-.00030
5.913	22.300	.00000	.89880	-.04510	.84510	.30810	2.74290	-.11240	-.00160	-.00040	-.00050
5.910	24.390	.00000	.93460	-.03600	.86710	.35078	2.47190	-.11670	-.00060	-.00040	-.00060
5.908	26.450	.00000	.96290	-.03950	.87980	.39340	2.23630	-.12200	-.00170	-.00000	-.00180

WING I 25-70-008 AMES 12-086 (LA65)

(RNC004) (16 JUL 75)

REFERENCE DATA

SREF = 6426 SQ.FT. XMRP = 7.2912 IN. XB
 LREF = 8.9042 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 70.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 49/ 0 RN/L = 7.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.939	-2.250	.00000	-.08990	.00730	-.08950	.01083	-8.27040	.00300	.00000	.00000	.00020
7.934	-1.110	.00000	-.04600	.00860	-.04790	.00948	-5.04750	-.00150	-.00000	-.00010	.00030
7.944	.020	.00000	-.00590	.00910	-.00590	.00905	-.65100	-.00550	-.00010	.00000	.00020
7.953	1.220	.00000	.03960	.00850	.03940	.00935	4.21580	-.00950	-.00010	.00000	.00020
7.934	2.370	.00000	.08130	.00730	.08090	.01066	7.56900	-.01310	-.00020	.00010	.00050
7.937	3.510	.00000	.12590	.00470	.12540	.01239	10.11700	-.01660	-.00030	.00000	.00050
7.953	4.650	.00000	.17270	.00110	.17210	.01508	11.40600	-.02040	-.00030	.00010	.00020
7.949	6.990	.00000	.26390	-.00870	.26300	.02338	11.24800	-.02810	-.00030	.00010	.00040
7.930	9.280	.00000	.35290	-.02330	.36190	.03553	10.16600	-.03650	-.00040	-.00010	.00070
7.947	11.560	.00000	.45270	-.03380	.45030	.05765	7.81110	-.04440	-.00210	-.00190	.00350
7.950	13.910	.01000	.55740	-.02860	.54790	.10629	5.15440	-.06320	-.00040	-.00130	.00080
7.935	16.250	.01000	.65780	-.03110	.64020	.15423	4.15130	-.07700	-.00320	-.00310	.00410
7.926	18.590	.00000	.75840	-.03340	.72350	.21013	3.47170	-.09090	-.00270	-.00080	-.00030
7.910	20.850	.00000	.84240	-.03370	.79320	.26830	2.97880	-.10520	-.00110	.00010	-.00150
7.925	23.120	.00000	.91210	-.03750	.85350	.32369	2.63680	-.11410	-.00090	.00070	-.00120
7.930	25.180	.00000	.94230	-.03940	.86350	.36528	2.39040	-.11800	-.00130	-.00070	-.00030
7.926	27.370	-.01000	.98030	-.04040	.88310	.41479	2.14360	-.12650	-.00040	.00080	.00040

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LA65 TABULATED SOURCE DATA

PAGE 15

(ANC004) (15 JUL 75)

AMES 12-085 (LA65)

WING I 25-70-008

REFERENCE DATA

SREF = .6420 SQ.FT. XMRP = 7.2912 IN. XB
 LREF = 8.8042 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 43/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.980	-2.060	.00000	.00030	.00220	257.00000
3.972	-.990	.00000	.07040	.00230	256.00000
3.984	.060	.00000	.00050	.00230	258.00000
3.977	1.170	-.00010	.00060	.00230	258.00000
3.977	2.220	.00000	.00060	.00230	258.00000
3.972	3.320	-.00010	.00070	.00230	258.00000
3.977	4.380	-.00020	.00060	.00220	258.00000
3.972	6.520	-.00030	.00040	.00240	258.00000
3.977	8.640	-.00050	.00010	.00240	259.00000
3.972	10.800	-.00260	-.00260	.00260	258.00000
3.968	13.000	-.00080	-.00110	.00270	258.00000
3.967	15.150	-.00150	-.00030	.00290	258.00000
3.966	17.320	-.00030	-.00080	.00330	258.00000
3.957	19.420	.00150	.00030	.00400	257.00000
3.978	21.570	.00320	.00050	.00510	260.00000
3.935	23.670	.03630	-.00160	.07640	259.00000
3.973	25.710	-.00070	.00160	.00870	260.00000

RUN NO. 50/ 0 RN/L = 5.92

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.929	-2.150	-.00010	.00010	.00290	390.00000
5.926	-1.060	-.00010	.00020	.00290	390.00000
5.934	.040	-.00020	.00020	.00300	391.00000
5.944	1.190	-.00030	-.00010	.00290	392.00000
5.938	2.290	-.00040	.00010	.00290	392.00000
5.934	3.430	-.00040	.00010	.00300	391.00000
5.929	4.530	-.00040	.00010	.00310	391.00000
5.926	6.690	-.00040	.00020	.00300	391.00000
5.921	8.940	-.00060	.00000	.00310	391.00000
5.919	11.180	-.00290	-.00200	.00330	391.00000
5.917	13.420	-.00090	-.00150	.00350	390.00000
5.928	15.690	-.03360	-.00100	.00360	392.00000
5.922	17.950	-.00080	.00040	.00410	391.00000
5.910	20.170	-.00340	.00010	.00490	390.00000
5.913	22.300	-.00130	.00100	.00620	391.00000
5.910	24.390	.00070	.00010	.00830	391.00000
5.908	26.450	.00150	-.00070	.01020	390.00000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 70.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

DATE 20 FEB 76

LASS TABULATED SOURCE DATA

PAGE 16

WING 1 25-70-0008

AMES 12-086 (LAGE5)

(ANCO04) (16 JUL 75)

REFERENCE DATA

SREF = .6426 SQ.FT. XMRP = 7.2912 IN. XB
 LREF = 8.8042 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 BETA = 70.000 TESWP = 25.000
 GRITNO = 120.000 MACH = .300

RUN NO. 49/ 0 RN/L = 7.93

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
7.939	-2.250	.00000	.00000	.00280	512.00000
7.934	-1.110	.00000	-.00010	.00290	513.00000
7.944	.020	-.00010	.00000	.00280	514.00000
7.953	1.220	-.00010	.00000	.00290	516.00000
7.934	2.370	-.00020	.00010	.00280	514.00000
7.937	3.510	-.00030	.00010	.00290	515.00000
7.953	4.650	-.00020	.00010	.00290	518.00000
7.949	6.980	-.00030	.00020	.00300	518.00000
7.930	9.280	-.00040	-.00010	.00290	516.00000
7.947	11.560	-.00240	-.00150	.00300	519.00000
7.950	13.910	-.00070	-.00110	.00330	520.00000
7.935	16.250	-.00390	-.00200	.00370	518.00000
7.926	18.590	-.00280	.00010	.00420	518.00000
7.910	20.850	-.00100	.00050	.00520	516.00000
7.925	23.120	-.00050	.00100	.00650	519.00000
7.930	25.180	-.00090	.00120	.00860	520.00000
7.926	27.370	.00000	.00090	.01030	520.00000

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L A65 TABULATED SOURCE DATA

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(RNC005) (16 JUL 75)

WING 1 25-65-008 AMES 12-086 (LA65)

WING 1 25-65-008

REFERENCE DATA

SREF = .6121 SQ.FT. XMRP = 6.1656 IN. XB
 LREF = 8.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 65.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 48/ 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.977	-2.100	.00000	-.08700	.00900	-.08660	.01219	-7.09940	-.00270	.00030	-.00050	.00100
3.975	-1.030	.00000	-.04570	.01000	-.04550	.01084	-4.20110	-.00570	.00020	-.00040	.00110
3.983	.050	.00000	-.00150	.01060	-.00150	.01061	-1.13910	-.00920	.00020	-.00020	.00110
3.985	1.180	.00000	.04150	.01020	.04130	.01105	3.73220	-.01160	.00020	-.00010	.00100
3.980	2.240	.00000	.08300	.00880	.08260	.01199	6.88590	-.01390	.00020	-.00010	.00090
3.978	3.360	.00000	.12800	.00640	.12740	.01384	9.20550	-.01590	.00020	-.00010	.00080
3.971	4.430	.00000	.17150	.00350	.17080	.01673	10.20400	-.01800	.00020	-.00020	.00130
3.970	6.590	.00000	.25850	-.00490	.25740	.02476	10.39700	-.02110	.00010	-.00020	.00120
3.969	8.720	.00000	.35100	-.01350	.34900	.03987	8.75270	-.02540	.00010	-.00090	.00180
3.971	10.900	.00000	.45300	-.01440	.44750	.07153	6.25620	-.03700	.00060	-.00010	.00080
3.971	13.130	.00000	.56300	-.01950	.55270	.10887	5.07650	-.04940	.00030	-.00040	.00190
3.968	15.330	.00000	.66090	-.02440	.64380	.15120	4.25790	-.05750	.00080	-.00010	.00170
3.972	17.440	.00000	.72960	-.02590	.70390	.19399	3.62840	-.06450	.00130	-.00010	.00150
3.964	19.560	.00000	.79770	-.02670	.76060	.24182	3.14520	-.07590	.00260	.00020	.00260
3.962	21.730	.00000	.87430	-.03020	.82340	.29567	2.78490	-.08520	.00690	.00040	.00240
3.961	23.820	.00000	.92160	-.03440	.85700	.34076	2.51500	-.08940	.00240	.00100	.00070
3.959	25.890	.00000	.96570	-.03750	.88520	.38793	2.28190	-.09840	.00080	.00090	.00090

RUN NO. 47/ 0 RN/L = 5.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.975	-2.210	.00000	-.09420	.00780	-.09390	.0138	-8.24510	-.00250	.00040	-.00030	.00050
5.988	-1.010	.00000	-.04630	.00930	-.04620	.01015	-4.55090	-.00570	.00040	-.00030	.00040
5.985	.020	.00000	-.00760	.00950	-.00760	.00946	-.80300	-.00730	.00020	-.00030	.00070
5.992	1.170	.00000	.03760	.00940	.03740	.01014	3.69090	-.01030	.00020	-.00030	.00060
5.990	2.320	.00000	.08410	.00770	.08370	.01107	7.56710	-.01280	.00020	-.00010	.00030
5.972	3.480	.00000	.13050	.00540	.12990	.01327	9.79450	-.01490	.00020	-.00010	.00040
5.980	4.530	.00000	.17170	.00210	.17100	.01562	10.94700	-.01620	.00030	-.00010	.00060
5.972	6.860	.00000	.26860	-.00760	.26760	.02452	10.91500	-.01990	.00000	-.00030	.00060
5.968	9.110	.00000	.35700	-.01790	.35520	.04046	9.02570	-.02550	.00020	-.00120	.00120
5.976	11.390	.00000	.46680	-.02060	.46170	.07193	6.41860	-.03510	.00050	-.00110	.00130
5.979	13.700	.00000	.58730	-.02440	.57590	.11733	4.90850	-.05310	.00000	-.00020	.00200
5.964	16.000	.00000	.68250	-.02890	.66420	.16042	4.13940	-.05820	.00000	.00010	.00070
5.979	18.230	.00000	.76650	-.03290	.73930	.20853	3.54060	-.06580	.00020	.00020	.00050
5.971	20.390	.00000	.82340	-.03400	.78370	.25492	3.07420	-.07420	.00030	.00030	.00110
5.971	22.520	.00000	.86720	-.03510	.81450	.29956	2.71820	-.08120	.00440	.00060	.00090
5.967	24.630	.00000	.90970	-.03670	.84220	.34574	2.43600	-.09080	.00170	.00060	.00010
5.968	26.740	.00000	.96240	-.03930	.87710	.39789	2.20440	-.10210	.00070	.00040	.00060

ORIGINAL PAGE IS OF POOR QUALITY

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING 1 25-65-0008

AMES 12-086 (LA65)

(RNC005) (16 JUL 75)

REFERENCE DATA

SREF = .6121 SQ.FT. XMRP = 6.1656 IN. XB
 LREF = 8.0903 INCHES YMRP = .0000 IN. YB
 SREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMF = 25.000
 F.L.SWP = 65.000 TESMP = 25.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 46/ 0 RN/L = 7.98

RN/FT	ALPHA	BETA	CN	CA	CL	CU	L/D	CLM	CBL	CYN	CY
8.013	-2.340	.00000	-.09970	.00720	-.09930	.01125	-8.82760	-.00210	.00040	.00010	-.00080
8.002	-1.100	.00000	-.05200	.00870	-.05180	.00969	-5.34690	-.00470	.00040	.00000	-.00030
7.995	.050	.00000	-.00800	.00930	-.00800	.00934	-.85830	-.00750	.00030	.00000	-.00030
7.985	1.210	.00000	.03720	.00880	.03700	.00957	3.86800	-.00970	.00040	.00000	-.00040
7.980	2.400	.00000	.08540	.00720	.08500	.01081	7.85940	-.01260	.00040	.00000	-.00030
7.993	3.570	.00000	.2890	.00460	.12840	.01259	10.19500	-.01400	.00030	.00010	-.00040
7.984	4.740	.00000	.17870	.00090	.17800	.01564	11.38000	-.01600	.00030	-.00010	.00017
7.990	7.130	.00000	.28040	-.00990	.27950	.02498	11.19000	-.02020	.00010	-.00030	.00003
7.973	9.470	.00000	.37890	-.02150	.37730	.04112	9.17520	-.02520	-.00060	-.00150	.00170
7.992	11.980	.00000	.49040	-.02580	.48500	.07649	6.34090	-.03660	.00030	-.00200	.00240
7.984	14.300	.00000	.60180	-.02630	.58070	.12324	4.78450	-.05570	.00040	-.00010	.00090
7.981	16.610	.00000	.68900	-.03120	.66910	.16714	4.00330	-.06080	.00040	.00000	.00100
7.965	18.990	.00000	.77530	-.03680	.74510	.21744	3.42640	-.06630	-.00100	.00010	.00050
7.966	21.270	.00000	.83760	-.03890	.79460	.26755	2.97010	-.07490	-.00200	.00020	.00050
7.966	23.280	-.01000	.86580	-.03730	.81000	.30793	2.63050	-.08330	-.00380	.00070	.00060
7.952	25.480	.00000	.90350	-.03530	.83760	.35664	2.34850	-.09480	-.00040	.00030	.00040
7.992	27.670	.00000	.96590	-.04150	.87480	.41167	2.12490	-.10500	-.00010	.00030	.00010

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING 1 25-55-008

AMES 12-086 (LA65)

(ANC005) (16 JUL 75)

REFERENCE DATA

SREF = .6121 SQ.FT.
 LREF = 8.0903 INCHES
 BREF = 13.1135 INCHES
 SCALE = .0000

6.1656 IN. XB
 .0000 IN. YB
 .0000 IN. ZB

PARAMETRIC DATA

T/C = .080
 FILSWP = 65.000
 BETA = .000
 GRITNO = 120.000

LESWP = 25.000
 TESWP = 25.000
 MACH = .300

RUN NO. 48/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PFSF)
3.977	-2.100	.00030	-.00040	.00310	257.00000
3.975	-1.030	.00020	-.00040	.00310	257.00000
3.983	.050	.00020	-.00020	.00300	259.00000
3.985	1.180	.00020	-.00010	.00300	259.00000
3.980	2.240	.00020	-.00010	.00310	259.00000
3.978	3.360	.00020	-.00010	.00310	259.00000
3.971	4.430	.00020	-.00020	.00330	258.00000
3.970	6.590	.00010	-.00020	.00320	258.00000
3.969	6.720	-.00010	-.00090	.00330	259.00000
3.971	10.900	.00060	-.00020	.00330	259.00000
3.971	13.130	-.00040	-.00030	.00340	259.00000
3.968	15.330	-.00080	-.00020	.00400	259.00000
3.972	17.440	-.00120	.00050	.00470	260.00000
3.964	19.560	-.00500	.00190	.00560	259.00000
3.962	21.730	-.00630	.00390	.00660	258.00000
3.961	23.820	-.00180	.00190	.00860	258.00000
3.968	25.890	-.00040	.00120	.01050	260.00000

RUN NO. 47/ 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PFSF)
5.975	-2.210	.00040	-.00030	.00330	388.00000
5.988	-1.010	.00040	-.00030	.00330	391.00000
5.985	.020	.00020	-.00030	.00340	391.00000
5.992	1.170	.00020	-.00030	.00330	392.00000
5.980	2.320	.00020	-.00010	.00340	391.00000
5.970	3.480	.00020	-.00010	.00330	390.00000
5.990	4.530	.00020	-.00010	.00340	391.00000
5.972	6.860	.00000	-.00030	.00340	391.00000
5.968	9.110	-.00040	-.00120	.00350	391.00000
5.976	11.390	.00030	-.00120	.00380	392.00000
5.979	13.700	-.00010	-.00010	.00400	393.00000
5.984	16.000	.00000	-.00010	.00430	394.00000
5.978	18.230	-.00090	.00050	.00500	393.00000
5.971	20.380	-.00340	.00160	.00620	393.00000
5.971	22.520	-.00390	.00230	.00800	393.00000
5.967	24.630	-.00120	.00130	.01010	393.00000
5.968	26.740	-.00040	.00070	.01180	393.00000

WING I 25-65-0008

AMES 12-086 (LA65)

(ANCO05) (16 JUL 75)

REFERENCE DATA

SREF = .6121 SO.FT. XMRP = 6.1656 IN. XB
 LREF = 8.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 467 0 RN/L = 7.98

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 65.000 RESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	C/N	CPCAV	Q(PSF)
8.013	-2.340	.00040	.00010	.00340	521.00000
8.002	-1.100	.00040	.00000	.00340	520.00000
7.995	.050	.00030	.00000	.00350	520.00000
7.985	1.210	.00040	.00000	.00340	519.00000
7.980	2.400	.00040	.00000	.00340	519.00000
7.993	3.570	.00040	.00010	.00350	521.00000
7.984	4.740	.00030	-.00020	.00330	520.00000
7.990	7.130	.00000	-.00030	.00360	521.00000
7.973	9.470	-.00090	-.00130	.00350	520.00000
7.992	11.980	-.00010	-.00200	.00370	523.00000
7.994	14.300	.00040	-.00020	.00390	522.00000
7.981	16.610	.00040	-.00010	.00450	522.00000
7.965	18.990	-.00090	.00040	.00540	521.00000
7.966	21.270	-.00180	.00090	.00660	521.00000
7.966	23.280	-.00330	.00210	.00870	522.00000
7.952	25.480	-.00020	.00040	.01110	521.00000
7.992	27.670	.00010	.00030	.01220	527.00000

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L655 TABULATED SOURCE DATA

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WING 1 25-60-0008

AMES 12-086 (L655)

(RNC006) (16 JUL 75)

REFERENCE DATA

SREF = .5913 SQ.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILLSP = 60.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 51/ C RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.987	-2.100	.0000	-.09820	.00840	-.09780	.01197	-8.16820	.00050	.00050	.00000	-.00350
3.992	-.970	.0000	-.05240	.00970	-.05230	.01055	-4.95450	-.00200	.00030	-.00010	-.00160
3.985	.060	.0000	-.00840	.01020	-.00840	.01016	-.82540	-.00360	.00020	-.00010	-.00150
3.981	1.150	.0000	.03530	.00960	.03510	.01027	3.41880	-.00580	.00020	.00000	-.00160
3.973	2.170	.0000	.07720	.00830	.07680	.01123	6.84040	-.00670	.00020	-.00010	-.00150
3.985	4.320	.0000	.16900	.00270	.16830	.01537	10.95100	-.00950	.00010	-.00010	-.00090
3.984	6.500	.0000	.28170	-.00550	.28070	.02317	11.25300	-.01190	.00020	.00000	-.00120
3.996	8.590	.0000	.35320	-.01940	.35320	.03385	10.46300	-.01470	.00010	-.00010	-.00130
3.997	10.650	.0000	.45280	-.03120	.45070	.05300	8.50370	-.01770	-.00070	-.00160	.00050
3.990	12.840	.0000	.55560	-.02500	.54720	.09909	5.82250	.00090	.00010	.00110	-.00190
3.991	14.950	.0000	.64320	-.01730	.62590	.14929	4.19240	-.03350	.00310	-.00010	-.00130
3.995	16.990	.0000	.67730	-.01220	.65130	.18621	3.49780	-.05570	.00150	-.00080	-.00120
3.988	18.990	.0000	.71860	-.00610	.68140	.22804	2.98820	-.08560	.00090	.00000	-.00130
3.985	21.090	.0000	.76850	-.00620	.71930	.27075	2.65690	-.09680	.00020	.00010	-.00140
3.979	23.120	.0000	.80290	-.00330	.74080	.30947	2.39380	-.10480	-.00180	.00030	.00050
3.979	25.160	.0000	.82560	-.00600	.74980	.34567	2.16900	-.11150	-.00410	-.00010	.00420

RUN NO. 53/ 0 RN/L = 5.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.976	-2.090	.0000	-.09670	.00750	-.09640	.01101	-8.75770	.00160	.00030	.00030	.00020
5.968	-.020	.0000	-.01050	.00930	-.01050	.00926	-1.13170	-.00340	.00020	.00040	.00020
5.949	1.130	.0000	.03630	.00880	.03610	.00950	3.80060	-.00460	.00020	.00040	.00120
5.973	2.250	.0000	.08220	.00710	.08190	.01035	7.91510	-.00590	.00010	.00040	.00120
5.986	3.320	.0000	.12710	.00490	.12660	.01221	10.36500	-.00740	.00010	.00040	.00090
5.991	4.370	.0000	.17220	.00160	.17160	.01473	11.64700	-.00860	.00010	.00050	.00090
5.985	6.520	.0000	.26860	-.00830	.26780	.02275	11.77400	-.01100	.00010	.00040	.00170
5.994	8.840	.0000	.37140	-.02390	.37050	.03442	10.76400	-.01320	.00000	.00040	.00150
5.978	11.050	.0000	.46980	-.03560	.46790	.05504	8.50150	-.01710	-.00120	-.00170	.00430
5.983	13.270	.0000	.57360	-.02980	.56490	.10358	5.45380	-.03410	.00060	.00080	.00080
5.967	15.400	.0000	.68250	-.02140	.64440	.15527	4.15020	-.06100	.00050	.00050	.00150
5.970	17.470	.0000	.76390	-.01550	.67610	.19650	3.44090	-.07450	.00270	-.00010	.00050
5.970	19.530	.0000	.73470	-.00980	.69570	.23639	2.94290	-.08600	.00040	-.00010	.00210
5.968	21.590	.0000	.78030	-.01000	.72980	.27809	2.62420	-.09560	.00070	.00040	.00180
5.979	23.650	.0000	.80480	-.00860	.74070	.31489	2.35210	-.10340	-.00280	.00110	.00430
5.966	25.720	-.01000	.83620	-.00960	.75760	.35422	2.13870	-.10990	-.00540	-.00010	.00830

ORIGINAL PAGE IS OF POOR QUALITY

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LA65 TABULATED SOURCE DATA

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WING I 25-60-0008 AMES 12-086 (LA65)

(RNC006) (16 JUL 75)

REFERENCE DATA

SREF = .5913 50.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 RREF = 13.1175 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 60.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 52/ 0 RN/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.000	-2.190	.0000	-.09850	.00780	-.09810	.01152	-8.51430	.00070	.00030	.00020	-.00050
7.990	-1.090	.0000	-.05390	.00920	-.05360	.01020	-5.25510	-.00090	.00030	.00030	-.00050
7.975	.080	.0000	-.00670	.00970	-.00670	.00966	-.69450	-.00340	.00020	.00030	.00020
7.988	1.240	.0000	.04050	.00910	.04030	.00998	4.03730	-.00470	.00020	.00020	.00000
7.958	2.330	.0000	.08470	.00740	.08440	.01081	7.80280	-.00590	.00010	.00030	-.00020
7.962	3.480	.0000	.13260	.00490	.13210	.01291	10.23300	-.00760	.00020	.00030	-.00020
7.974	4.560	.0000	.17830	.00120	.17760	.01540	11.53600	-.00850	.00020	.00030	.00000
7.965	6.830	.0000	.28040	-.00930	.27950	.02410	11.59800	-.00010	.00010	.00030	.00020
7.951	9.090	.0000	.38130	-.02440	.38040	.03612	10.53200	-.01360	.00020	.00040	-.00010
7.941	11.360	.0000	.48150	-.03970	.47990	.05597	8.57480	-.01640	-.00100	-.00140	.00200
7.936	13.650	.0000	.58200	-.03890	.58080	.10098	5.75160	-.02970	-.00020	-.00050	.00100
7.948	15.830	.0000	.67480	-.02710	.65660	.15802	4.15510	-.05770	-.00050	.00040	.00040
7.925	17.920	-.01000	.72610	-.02130	.69740	.20331	3.43030	-.07900	-.00200	.00070	.00080
7.908	20.010	-.01000	.75510	-.01900	.72540	.24387	2.97460	-.08900	-.00170	.00060	.00120
7.921	22.030	.00000	.77520	-.01280	.72340	.27886	2.59420	-.09680	.00360	-.00010	-.00180
7.913	24.150	-.01000	.81340	-.01090	.74670	.32286	2.31270	-.10700	-.00390	.00120	.00250
7.909	26.180	-.01000	.84020	-.01110	.75880	.36075	2.10350	-.11340	-.00340	-.00010	.00440

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LASS TABULATED SOURCE DATA

PAGE 23

(ANCO06) (16 JUL 75)

AMES 12-086 (LA65)

WING 1 25-60-0008

REFERENCE DATA

SREF = .5913 50.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 51/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.987	-2.100	.00050	.00000	.00230	254.00000
3.992	-.970	.00030	-.00010	.00260	257.00000
3.985	.060	.00020	-.00010	.00270	256.00000
3.981	1.150	.00020	.00000	.00270	256.00000
3.973	2.170	.00020	-.00010	.00280	255.00000
3.985	4.320	.00010	-.00010	.00280	257.00000
3.984	6.500	.00020	-.00010	.00270	257.00000
3.936	8.590	.00010	-.00010	.00280	259.00000
3.997	10.650	-.00100	-.00150	.00300	259.00000
3.990	12.840	.00120	.00090	.00320	258.00000
3.931	14.960	.00290	-.00090	.00360	259.00000
3.995	16.990	.00120	-.00120	.00450	259.00000
3.988	18.990	-.00080	.00030	.00610	259.00000
3.985	21.090	.00020	.00000	.00770	258.00000
3.979	23.120	-.00160	.00100	.00870	258.00000
3.979	25.160	-.00380	.00160	.01130	258.00000

PARAMETRIC DATA

T/C = .080
 FILSWP = 60.000
 BETA = .000
 CRITNO = 120.000
 LESWP = 25.000
 TESWP = 25.000
 MACH = .300

RUN NO. 53/ 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.976	-2.080	.00030	.00040	.00330	391.00000
5.968	-.020	.00020	.00040	.00320	391.00000
5.949	1.130	.00020	.00040	.00320	391.00000
5.973	2.250	.00010	.00040	.00320	395.00000
5.966	3.320	.00020	.00040	.00330	397.00000
5.931	4.370	.00010	.00050	.00330	398.00000
5.985	6.620	.00010	.00040	.00330	398.00000
5.984	8.840	.00010	.00030	.00330	400.00000
5.978	11.050	-.00150	-.00140	.00350	398.00000
5.983	13.270	.00070	.00060	.00360	400.00000
5.967	15.400	.00060	.00030	.00410	398.00000
5.970	17.470	.00260	-.00030	.00530	399.00000
5.970	19.530	.00040	-.00030	.00680	399.00000
5.968	21.590	.00080	.00010	.00830	400.00000
5.979	23.650	-.00220	.00220	.00980	402.00000
5.966	25.720	-.00490	.00230	.01230	401.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 24

WING 1 25-60-0008

AMES 12-086 (LA65)

(ANC006) (16 JUL 75)

REFERENCE DATA

SREF = 5.13 SQ.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 52/ 0 RN/L = 7.95

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 F/LSWP = 60.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GR/TNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.000	-2.190	.00030	.00020	.00280	513.00000
7.990	-1.090	.00030	.00030	.00280	513.00000
7.975	.080	.00020	.00030	.00290	512.00000
7.988	1.240	.00020	.00020	.00280	515.00000
7.958	2.330	.00010	.00030	.00280	512.00000
7.962	3.480	.00020	.00030	.00270	513.00000
7.974	4.560	.00020	.00030	.00300	517.00000
7.965	6.830	.00020	.00030	.00280	517.00000
7.961	9.090	.00020	.00040	.00300	517.00000
7.941	11.360	-.00130	-.00120	.00310	515.00000
7.936	13.650	-.00030	-.00040	.00340	516.00000
7.948	15.830	-.00040	.00050	.00390	519.00000
7.925	17.930	-.00170	.00120	.00490	518.00000
7.908	20.010	-.00140	.00110	.00620	516.00000
7.921	22.030	-.00330	-.00140	.00870	519.00000
7.913	24.150	-.00290	.00260	.00940	518.00000
7.909	26.180	-.00310	.00140	.01190	519.00000

WING 1 25-55-0008

AMES 12-086 (L655)

(RNC007)

(16 JUL 75)

REFERENCE DATA

SREF = .5759 SQ.FT. XMRP = 4.7848 IN. XB
 CREF = 7.2924 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 55.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GR1'NO = 120.000

RUN NO. 56 / 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.977	-2.070	.0000	-.09250	.00910	-.09210	.01246	-7.39090	-.00260	.00000	-.00020	.00170
3.982	-1.040	.0000	-.04730	.01030	-.04710	.01113	-4.23510	-.00560	.00000	-.00020	.00150
3.975	.050	.0000	-.00260	.01080	-.00270	.01077	-.24620	-.00690	.00000	-.00020	.00170
3.958	1.130	.0000	.04070	.01040	.04050	.01119	3.62260	-.00780	.00010	.00000	.00130
3.971	2.180	.0000	.06640	.00890	.06600	.01219	7.05290	-.00080	.00000	.00000	.00110
3.952	3.280	.0000	.13380	.00650	.13320	.01415	9.41560	-.00050	.00010	.00000	.00100
3.933	4.340	.0000	.17980	.00320	.17900	.01681	10.64700	-.00020	.00010	.00020	.00110
3.982	6.510	.0000	.27350	.00670	.27250	.02431	11.21300	-.01000	.00000	.00020	.00090
3.982	8.640	.0000	.36950	.02020	.36840	.03553	10.36700	-.01040	.00000	.00020	.00060
3.983	10.780	.0000	.47310	.03850	.47200	.05066	9.31670	-.01090	.00010	.00030	.00060
3.985	12.960	.0000	.57380	.06020	.57270	.06997	8.18480	-.01080	.00040	.00010	.00140
3.970	15.000	.0000	.67000	.09000	.66900	.10003	4.22000	-.05150	.00040	.00030	.00090
3.942	17.110	.0000	.76200	.13000	.76100	.15015	3.47000	-.07460	.00020	.00020	.00230
3.942	19.100	.0000	.84900	.18000	.84800	.20000	2.99170	-.09770	.00030	.00130	.00220
3.972	21.130	.0000	.93400	.24000	.93300	.25000	2.60800	-.09080	.00060	.00090	.00090
3.954	23.100	.0000	.00000	.00000	.00000	.31281	2.31470	-.11030	.00040	.00030	.00080
3.983	25.290	.0000	.62750	.00000	.62650	.35277	2.12190	-.11020	.00090	.00050	-.00210

RUN NO. 55 / 0 RN/L = 5.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.931	-2.160	.0000	-.09940	.00820	-.09910	.01194	-8.29460	-.00240	.00010	.00010	.00030
5.933	-1.080	.0000	-.05410	.00920	-.05390	.01024	-5.26270	-.00410	.00010	.00020	.00010
5.930	.030	.0000	-.00650	.00990	-.00650	.00994	-.65300	-.00520	.00010	.00020	.00020
5.925	1.160	.0000	.04010	.00930	.03990	.01005	3.96930	-.00650	.00000	.00030	.00100
5.907	2.270	.0000	.08510	.00800	.08470	.01140	7.5.590	-.00750	.00000	.00030	.00100
5.907	3.360	.0000	.13390	.00530	.13340	.01314	10.14900	-.00780	.00010	.00030	.00070
5.919	4.450	.0000	.17690	.00210	.17630	.01599	11.12600	-.00750	.00010	.00020	.00110
5.928	5.540	.0000	.22000	.00600	.21900	.02424	11.52300	-.00600	.00010	.00020	.00120
5.911	6.730	.0000	.26300	.02000	.26200	.03575	10.62200	-.00900	.00010	.00030	.00100
5.914	7.920	.0000	.30600	.04000	.30500	.05165	9.37250	-.00870	.00010	.00030	.00070
5.909	9.110	.0000	.34900	.06000	.34800	.07247	8.12900	-.00840	.00020	.00040	.00040
5.895	10.300	.0000	.39200	.08000	.39100	.09376	4.15200	-.05150	.00020	.00040	-.00020
5.883	11.490	.0000	.43500	.10000	.43400	.11500	3.40470	-.07460	.00010	.00070	.00210
5.873	12.680	.0000	.47800	.12000	.47700	.13600	2.97110	-.08440	.00090	-.00080	.00040
5.861	13.870	.0000	.52100	.14000	.52000	.15700	2.53680	-.09540	.00620	-.00390	-.00390
5.849	15.060	.0000	.56400	.16000	.56300	.17800	2.10250	-.10580	.00310	-.00350	-.00340
5.837	16.250	.0000	.60700	.18000	.60600	.20000	1.66820	-.11150	.00050	.00030	-.00210
5.825	17.440	.0000	.65000	.20000	.64900	.22200	1.23350				
5.813	18.630	.0000	.69300	.22000	.69200	.24400					
5.801	19.820	.0000	.73600	.24000	.73500	.26600					
5.789	21.010	.0000	.77900	.26000	.77800	.28800					
5.777	22.200	.0000	.82200	.28000	.82100	.31000					
5.765	23.390	.0000	.86500	.30000	.86400	.33200					
5.753	24.580	.0000	.90800	.32000	.90700	.35400					
5.741	25.770	.0000	.95100	.34000	.95000	.37600					
5.729	26.960	.0000	.99400	.36000	.99300	.39800					

WING 1 25-55-0008 AMES 12-086 (LA65)

(RNC007) (16 JUL 75)

REFERENCE DATA

SREF = .5759 SQ.FT. XMRP = 4.7848 IN. XB
 LREF = 7.2924 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 55.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.904	-2.230	.00000	-.10360	.00750	-.10320	.01157	-8.91780	-.00190	.00020	.00030	-.00050
7.900	-1.140	.00000	-.06020	.00880	-.06000	.01002	-5.98900	-.00350	.00010	.00040	-.00060
7.892	.000	.00000	-.01240	.00940	-.01240	.00939	-1.32270	-.00380	.00020	.00040	-.00080
7.894	1.130	.00000	.03290	.00900	.03270	.00968	3.38110	-.00490	.00010	.00040	-.00080
7.892	2.270	.00000	.06290	.00720	.06260	.01053	7.83800	-.00580	.00010	.00040	-.00080
7.891	3.440	.00000	.13190	.00480	.13130	.01265	10.38700	-.00620	.00010	.00050	-.00110
7.873	4.600	.00000	.28370	.00080	.28300	.01548	11.82100	-.00610	.00020	.00060	-.00130
7.890	6.930	.00000	.28740	-.01060	.28660	.02420	11.84200	-.00730	.00010	.00040	-.00090
7.855	9.210	.00000	.39180	-.02640	.39100	.03663	10.67300	-.00680	.00000	.00050	-.00080
7.855	11.580	.00000	.50030	-.04730	.49960	.05404	9.24570	-.00710	.00000	.00060	-.00020
7.854	13.870	-.01000	.60370	-.06420	.60150	.08239	7.29970	-.01010	.00160	.00310	-.00460
7.861	16.080	.00000	.70010	-.02450	.67950	.17035	3.98880	-.05630	.00130	.00060	-.00150
7.853	18.090	.00000	.73830	-.01270	.70570	.21719	3.24920	-.08740	.00050	.00060	-.00080
7.894	20.180	.01000	.75850	-.00980	.71530	.26250	2.83290	-.09780	.00360	-.00020	-.00320
7.857	22.180	.03000	.77010	-.00780	.71600	.28356	2.52510	-.10250	.00860	-.00140	-.00810
7.855	24.270	.01000	.80070	-.01000	.73400	.32003	2.29360	-.10430	.00210	-.00040	-.00620
7.865	26.390	.01000	.83570	-.00710	.75180	.36506	2.05940	-.11250	.00000	-.00010	-.00250

REFERENCE DATA

SREF = .5759 SQ.FT. XMRP = 4.7846 IN. XB T/C = .080 LESWP = 25.000
LREF = 7.2924 INCHES YMRP = .0000 IN. YB FILSWP = 55.000 TESWP = 25.000
EREF = 13.1135 INCHES ZMRP = .0000 IN. ZB CRITIO = 120.000 MACH = .300
SCALE = .0000

PARAMETRIC DATA

RUN NO.	5% D	PN/L	3.98	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.977				-2.370	.0000	-.00020	.00330	262.00000
3.982				-1.040	.0000	-.00020	.00320	263.00000
3.975				.050	-.0010	-.00020	.00340	262.00000
3.959				1.130	-.0010	.00000	.00330	263.00000
3.971				2.180	-.0010	.00000	.00330	263.00000
3.962				3.260	-.0010	.00020	.00340	267.00000
3.933				4.340	-.0010	.00020	.00350	266.00000
3.933				6.510	.0000	.00020	.00350	267.00000
3.932				9.640	.0000	.00030	.00350	266.00000
3.939				10.780	-.0010	.00020	.00350	267.00000
3.935				12.960	-.0040	.00020	.00350	267.00000
3.930				15.260	-.0030	.00040	.00350	266.00000
3.932				17.110	-.00250	.00100	.00350	266.00000
3.923				19.120	-.00270	.00230	.00350	265.00000
3.972				21.130	-.00300	.00100	.00350	267.00000
3.934				23.190	.00050	.00100	.00350	267.00000
3.933				25.290	.00100	.00000	.00350	267.00000

PARAMETRIC DATA

RUN NO.	5% D	PN/L	3.91	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.931				-2.160	.0010	.00010	.00350	399.00000
5.933				-1.320	.0010	.00020	.00360	400.00000
5.930				.030	.0000	.00020	.00390	400.00000
5.925				1.160	.0000	.00020	.00360	399.00000
5.920				2.270	.0000	.00030	.00350	398.00000
5.907				3.360	.0000	.00020	.00350	400.00000
5.919				4.450	.0000	.00020	.00350	400.00000
5.917				6.720	.0000	.00020	.00370	401.00000
5.923				8.920	.0000	.00030	.00370	399.00000
5.911				11.160	.0000	.00030	.00370	400.00000
5.914				13.420	.0010	.00040	.00450	399.00000
5.909				15.940	-.0010	.00050	.00540	398.00000
5.895				17.640	.0070	-.00090	.00660	398.00000
5.833				19.690	.0060	-.00110	.00660	399.00000
5.901				21.650	.0050	-.00420	.00970	399.00000
5.901				23.700	.00270	-.00170	.00970	400.00000
5.900				25.780	.0063	.00010	.00970	400.00000

ORIGINAL PAGE IS OF POOR QUALITY

WING 1 25-55-0008 ANES 12-086 (LA65) (ANCG07) (16 JUL 75)

REFERENCE DATA

SREF = .5759 SQ.FT. XMRP = 4.7848 IN. XB
 LREF = 7.2924 INCHES YMRP = .0000 IN. YB
 BREF = 3.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 55.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 54/ 0 RN/L = 7.88

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.904	-2.230	.00020	.00030	.00350	530.00000
7.900	-1.140	.00010	.00040	.00370	531.00000
7.892	.000	.00020	.00040	.00370	530.00000
7.894	1.130	.00010	.00040	.00350	532.00000
7.892	2.270	.00010	.00040	.00380	533.00000
7.891	3.440	.00020	.00050	.00350	533.00000
7.873	4.600	.00020	.00060	.00370	532.00000
7.880	6.930	.00010	.00040	.00350	534.00000
7.855	9.210	.00010	.00060	.00370	531.00000
7.865	11.580	.00010	.00060	.00370	533.00000
7.864	13.870	.00230	.00260	.00330	533.00000
7.861	16.080	.00140	.00020	.00440	533.00000
7.853	18.090	.00070	.00040	.00550	533.00000
7.834	20.180	.00330	.00150	.00690	533.00000
7.867	22.180	.00740	.00460	.00910	536.00000
7.856	24.270	.00180	.00120	.01040	535.00000
7.866	26.390	.00000	.00010	.01190	537.00000

REFERENCE DATA

SREF = .5542 SQ.FT. XMRP = 3.9333 IN XB
 LREF = 6.8465 INCHES YMRP = .0000 IN YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN ZB
 SCALE = .0000

RUN NO. 59/ 0 RN/L = 3.98

RV/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CRL	CYN	CY
3.992	-2.120	.0000	-.09860	.00840	-.09820	.01204	-8.15470	-.09860	.00030	.00030	-.00160
3.992	-1.030	.0000	-.05200	.00970	-.05180	.01059	-4.88850	-.01010	.00030	.00020	-.00140
3.993	.030	.0000	-.00440	.01060	-.00440	.01052	-.42030	-.01090	.00030	.00020	-.00120
3.993	1.140	.0000	.04210	.00970	.04190	.01052	3.97940	-.01070	.00030	.00040	-.00140
3.974	2.220	.0000	.08950	.00860	.08910	.01210	7.36080	-.01090	.00030	.00040	-.00150
3.984	3.320	.0000	.13700	.00590	.13700	.01380	9.92200	-.00920	.00030	.00040	-.00160
3.984	6.540	.0000	.28140	-.00760	.28050	.02447	11.46100	-.00660	.00030	.00040	-.00210
3.984	8.690	.0000	.38320	-.02240	.38220	.03560	10.73400	-.00300	.00030	.00050	-.00200
3.983	10.930	.0000	.46950	-.04250	.46890	.05111	9.56340	-.00050	.00030	.00050	-.00220
3.976	13.060	.0000	.52660	-.05590	.52610	.07841	7.52590	-.00100	.00030	.00040	-.00630
3.975	15.220	.0000	.59410	-.07950	.59330	.12482	5.49060	-.01590	.00030	.00030	-.01800
3.969	17.200	.0000	.73600	-.14530	.73600	.20385	3.47000	-.06740	.00030	.00030	-.03100
3.969	19.290	.0000	.84330	-.00350	.84330	.24204	2.90340	-.09080	.00030	.00030	-.00330
3.967	21.300	.0000	.90450	-.00350	.90450	.27963	2.59970	-.09400	.00030	.00050	-.00370
3.975	23.340	.0000	.94450	-.00620	.94450	.31299	2.36800	-.09430	.00030	.00050	-.00330
3.968	25.330	.0000	.96390	-.00400	.96390	.34242	2.14020	-.09950	.00030	.00120	-.01650

RUN NO. 58/ 0 RN/L = 5.92

RV/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.935	-2.190	.0000	-.10200	.00740	-.10170	.01134	-8.96300	-.00840	.00050	.00010	-.00240
5.948	-1.070	.0000	-.05730	.00870	-.05710	.00977	-5.84190	-.00780	.00020	.00010	-.00190
5.934	.060	.0000	-.00760	.00960	-.00760	.00955	-.79940	-.00880	.00020	.00020	-.00140
5.935	1.160	.0000	.03870	.00910	.03850	.00996	3.90840	-.00890	.00020	.00020	-.00130
5.916	3.450	.0000	.13940	.00470	.13980	.01305	10.63300	-.00710	.00030	.00030	-.00160
5.933	4.470	.0000	.18540	.00130	.18480	.01569	11.77400	-.00620	.00030	.00030	-.00170
5.927	6.740	.0000	.28590	-.00950	.28490	.02414	11.80200	-.00320	.00030	.00030	-.00160
5.935	9.010	.0000	.39750	-.02630	.39670	.03633	10.91900	-.00160	.00030	.00030	-.00190
5.933	11.350	.0000	.51030	-.04810	.50980	.05324	9.57450	-.00220	.00030	.00040	-.00210
5.936	13.580	.0000	.61410	-.07250	.61400	.07370	8.33060	-.00630	.00030	.00040	-.00220
5.928	15.800	.0000	.71400	-.05640	.70510	.13045	5.40540	-.01280	.00950	.00940	-.01860
5.912	17.790	.0000	.75670	-.02030	.72670	.21189	3.42950	-.07630	.00440	.00680	-.03350
5.904	19.800	.0000	.75070	-.01450	.71130	.24083	2.95570	-.08250	.00650	.00650	-.01800
5.901	21.810	.0000	.75960	-.00920	.70860	.27364	2.73650	-.09700	-.00830	.00270	-.00110
5.919	23.870	.0000	.80400	-.00720	.73750	.32009	2.30410	-.09750	-.00100	.00110	-.00370
5.904	25.920	.0000	.80360	-.00570	.73060	.34885	2.09440	-.09970	.01160	.00100	-.01620

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 45.000 TESWP = 25.000
 BE'A = .000 MACH = .300
 GRITNO = 120.000

REFERENCE DATA

SREF = .5542 SQ.FT. XMRP = 3.9339 IN. XB
 LREF = 6.8465 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 45.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 57/ 0 RN/L = 7.92

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.925	-2.280	.0000	-.10880	.00670	-.10840	.01101	-9.84900	-.00800	.00020	.00020	-.00050
7.947	-1.150	.0000	-.06040	.00860	-.06020	.03979	-6.14930	-.00870	.00030	.00020	-.00060
7.959	.000	.0000	-.01170	.00940	-.01170	.00941	-1.24480	-.00860	.00020	.00020	-.00080
7.936	1.170	.0000	.03930	.00880	.03910	.00956	4.09260	-.00690	.00030	.00020	-.00070
7.940	2.330	.0000	.08870	.00700	.08840	.01055	8.37600	-.00770	.00030	.00020	-.00100
7.926	3.500	.0000	.13950	.00390	.13900	.01239	11.21200	-.00630	.00030	.00020	-.00100
7.925	4.620	.0000	.19060	.00017	.18990	.01544	12.29900	-.00540	.00030	.00030	-.00120
7.928	7.050	.0000	.30420	-.01250	.30340	.02493	12.16900	-.00340	.00040	.00020	-.00130
7.934	9.360	.0000	.41100	-.02940	.41030	.03790	10.82700	-.00020	.00050	.00020	-.00100
7.920	11.790	.0000	.52520	-.05280	.52490	.05557	9.44660	.00420	.00040	.00010	-.00080
7.913	14.220	.0000	.64060	-.08040	.64070	.07947	8.06210	.00800	.00050	.00010	-.00090
7.905	16.440	.0000	.74010	-.09430	.74790	.11002	4.81320	-.01320	.00020	.00490	-.01150
7.905	18.440	.01000	.77950	-.03450	.75020	.21398	3.50570	-.06600	.01070	-.00010	-.00410
7.889	20.350	.02000	.74830	-.01070	.70540	.25017	2.81950	-.09880	.00870	-.00100	-.00470
7.904	22.220	.00000	.72840	-.00420	.67770	.26700	2.53830	-.09750	.00010	.00070	-.00260
7.881	24.500	.01000	.81100	-.01000	.74220	.32718	2.26850	-.10120	.00240	.00070	-.00550
7.820	26.610	.01000	.82870	-.00960	.74520	.36269	2.09460	-.10480	.00500	.00060	-.00630

DATE 20 FEB 76

LABS TABULATED SOURCE DATA

PAGE 31

WING I 25-45-0008 (ANC008) (17 OCT 75)

AMES 12-086 (LA65)

REFERENCE DATA

SREF = .5542 SQ.FT. XMRP = 3.9339 IN. XB
 LREF = 6.8465 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 45.000 TESWP = 25.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 59/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.992	-2.120	.00030	.00030	.00360	264.00000
3.992	-1.030	.00030	.00020	.00370	264.00000
3.993	.030	.00030	.00020	.00370	263.00000
3.974	1.140	.00030	.00030	.00390	263.00000
3.984	2.220	.00030	.00030	.00370	262.00000
3.984	3.320	.00040	.00040	.00370	264.00000
3.984	6.540	.00050	.00050	.00380	266.00000
3.984	8.180	.00070	.00040	.00380	266.00000
3.983	10.930	.00080	.00030	.00380	266.00000
3.976	13.060	.00270	.00030	.00400	266.00000
3.975	15.220	.01010	.00670	.00420	266.00000
3.969	17.200	.00180	.00010	.00540	265.00000
3.969	19.280	.00070	.00120	.00640	265.00000
3.967	21.300	.00170	.00010	.00760	265.00000
3.975	23.340	.00030	.00050	.00970	266.00000
3.968	25.330	.00940	.00310	.01370	265.00000

RUN NO. 58/ 0 RN/L = 5.92

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.935	-2.190	.00050	.00020	.00410	397.00000
5.948	-1.070	.00020	.00010	.00400	400.00000
5.934	.060	.00020	.00020	.00390	400.00000
5.935	1.160	.00020	.00020	.00390	400.00000
5.916	3.450	.00030	.00030	.00410	399.00000
5.933	4.470	.00030	.00030	.00410	401.00000
5.927	6.740	.00050	.00020	.00400	400.00000
5.936	9.010	.00060	.00020	.00410	402.00000
5.933	11.350	.00070	.00030	.00400	402.00000
5.936	13.580	.00080	.00020	.00400	402.00000
5.928	15.800	.01170	.00640	.00440	401.00000
5.912	17.790	.00440	.00060	.00590	400.00000
5.934	19.800	.00130	.00890	.00790	399.00000
5.901	21.810	.00670	.00560	.00950	399.00000
5.919	23.970	.00050	.00140	.01090	402.00000
5.934	25.920	.01090	.00420	.01400	400.00000

ORIGINAL PAGE IS OF POOR QUALITY

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 32

WING I 25-45-0008

AMES 12-086 (LA65)

(ANCO08) (17 OCT 75)

REFERENCE DATA

SREF = .5542 SQ.FT. XMRP = 3.9339 IN. XB
 LREF = 6.8465 INCHES YMRP = .0000 IN. YB
 RREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 57/ 0 RN/L = 7.92

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILSMP = 45.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.925	-2.280	.00020	.00030	.00430	521.00000
7.947	-1.150	.00030	.00020	.00420	524.00000
7.959	.000	.00020	.00020	.00410	526.00000
7.936	1.170	.00030	.00020	.00430	528.00000
7.940	2.330	.00030	.00020	.00420	530.00000
7.926	3.500	.00030	.00020	.00430	528.00000
7.925	4.620	.00030	.00030	.00430	529.00000
7.928	7.050	.00040	.00020	.00420	529.00000
7.934	9.350	.00050	.00020	.00410	531.00000
7.920	11.750	.00040	.00000	.00410	534.00000
7.913	14.220	.00050	.00000	.00410	533.00000
7.905	16.450	.00730	.00290	.00470	533.00000
7.905	18.440	.01010	.00350	.00570	533.00000
7.883	20.330	.00780	.00400	.00790	531.00000
7.904	22.220	.00040	.00060	.00880	534.00000
7.831	24.500	.00250	.00040	.01080	531.00000
7.890	26.610	.00470	.00170	.01440	533.00000

DATE 20 FEB 76

L655 TABULATED SOURCE DATA

PAGE 33

WING 1 25-35-0008

AMES 12-086 (L655)

(RNC009) (16 JUL 75)

REFERENCE DATA

SREF = .5391 SQ.FT. XMPP = 3.3249 IN. XB
 LREF = 6.5498 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 35.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 62 / 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.977	-2.110	.0000	-1.0350	.00790	-1.0310	.01173	-8.79030	-.01360	.00010	.00100	-.00460
3.971	-1.020	.0000	-.05660	.00910	-.05640	.01014	-5.56870	-.01350	.00000	.00080	-.00450
3.979	.090	.0000	-.00620	.00950	-.00630	.00951	-.65790	-.01390	.00010	.00100	-.00450
3.969	1.120	.0000	.03600	.00930	.03580	.01001	3.57950	-.01250	.00000	.00090	-.00430
3.975	2.190	.0000	.08530	.00760	.08500	.01087	7.81480	-.01210	.00010	.00090	-.00440
3.974	3.330	.0000	.13590	.00480	.13540	.01270	10.66200	-.00940	.00010	.00100	-.00450
3.959	4.370	.0000	.18280	.00130	.18210	.01517	12.00600	-.00900	.00000	.00100	-.00460
3.957	5.430	.0000	.23240	-.00290	.23160	.01917	12.08500	-.00550	.00010	.00100	-.00460
3.970	6.610	.0000	.28590	-.00930	.28420	.02356	12.06400	-.00340	.00010	.00120	-.00500
3.971	8.730	.0000	.38650	-.02430	.38570	.03466	11.12700	.00070	.00010	.00110	-.00480
3.971	10.830	.0000	.49220	-.04410	.49170	.04964	9.90520	.00640	.00010	.00090	-.00470
3.970	13.080	.01000	.59320	-.05410	.59000	.08153	7.23750	.00600	-.00150	-.00250	-.00200
3.968	15.220	.00000	.69810	-.03230	.68220	.15156	4.50130	-.03090	.00180	.00140	-.00600
3.951	17.230	.01000	.73690	-.01990	.70970	.19921	3.56250	-.06500	.00620	-.00020	-.00630
3.953	19.280	.01000	.75930	-.01020	.71910	.24072	2.98730	-.08430	.00420	.00100	-.00820
3.958	21.290	.01000	.78320	-.00900	.73020	.27491	2.65610	-.08800	.00410	.00080	-.00890
3.951	23.290	.02000	.77940	-.01050	.72000	.29959	2.41130	-.08700	.00950	.00030	-.01360
3.952	25.310	.03000	.78980	-.00630	.71570	.33158	2.15850	-.09980	.02170	.00150	-.02970

RUN NO. 61 / 0 RN/L = 5.09

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.987	-2.180	.0000	-.10590	.00740	-.10560	.01138	-9.28070	-.01420	.00010	.00070	-.00280
5.980	-1.110	.0000	-.06110	.00880	-.06090	.00994	-6.12290	-.01260	.00010	.00070	-.00290
5.982	.080	.0000	-.00870	.00950	-.00870	.00946	-.91830	-.01210	.00000	.00070	-.00280
5.978	1.190	.0000	.03990	.00870	.03970	.00952	4.16760	-.01080	.00000	.00080	-.00290
6.003	2.300	.0000	.09120	.00720	.09090	.01082	8.39760	-.01070	.00000	.00070	-.00300
5.997	4.540	.0000	.19070	.00400	.19000	.01546	12.29100	-.00640	.00010	.00080	-.00310
5.997	6.810	.0000	.29510	-.01120	.29440	.02386	12.33700	-.00140	.00010	.00070	-.00330
5.984	9.080	.0000	.40560	-.02810	.40490	.03626	11.16700	.00300	.00010	.00070	-.00340
5.995	11.360	.0000	.51500	-.04970	.51470	.05276	9.75570	.00880	.00000	.00080	-.00340
5.978	13.640	.01000	.62370	-.05260	.62080	.08627	7.19570	.00950	-.00210	-.00390	-.00310
5.979	15.900	.0000	.72900	-.05940	.71640	.14227	5.03550	-.01320	.00840	.00620	-.01290
5.969	17.980	.02000	.78250	-.05110	.76000	.19294	3.93910	-.03690	.01920	.00220	-.01190
5.962	20.040	.02000	.81620	-.03220	.77970	.25009	3.11780	-.06520	.01580	.00030	-.00960
5.955	21.990	.01000	.81900	-.01790	.76610	.29012	2.64050	-.08360	.00380	.00120	-.00900
5.981	24.060	.01000	.81010	-.01450	.74560	.31711	2.35130	-.08650	.00020	.00020	-.00430
5.976	25.970	.06000	.80560	-.00660	.72710	.34686	2.09640	-.10300	.02520	.00170	-.03370

DATE 20 FEB 76

LA65 TAIL RELATED SOURCE DATA

PAGE 34

WING 1 25-35-0008

AMES 12-086 (LA65)

(RNC009) (16 JUL 75)

REFERENCE DATA

SREF = .5391 SQ.FT. XMRP = 3.3249 IN. YB
 LREF = 6.5498 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 35.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 60/ 0 RN/L = 7.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.972	-2.290	.00000	-.11170	.00740	-.11130	.01184	-9.40260	-.01310	.00010	.00050	-.00130
7.957	-1.120	.00000	-.06090	.00890	-.06070	.01012	-6.00450	-.01260	.00010	.00050	-.00140
7.957	.040	.00000	-.00960	.00950	-.00960	.00946	-1.01680	-.01220	.00010	.00040	-.00130
7.953	1.210	.00200	.04220	.09000	.04200	.00994	4.22630	-.01180	.00010	.00060	-.00160
7.940	2.370	.00000	.09340	.00730	.09300	.01111	8.37010	-.01070	.00010	.00060	-.00170
7.949	3.590	.00000	.14750	.00400	.14700	.01320	11.13400	-.00790	.00010	.00040	-.00160
7.941	4.700	.00000	.19670	.00000	.19500	.01615	12.14000	-.00580	.00020	.00040	-.00170
7.941	7.140	.00000	.31420	-.01310	.31340	.02603	12.03900	-.00130	.00010	.00040	-.00190
7.950	9.420	.00000	.42040	-.03040	.41970	.03868	10.79400	.00420	.00020	.00060	-.00220
7.948	11.930	.00000	.54200	-.05540	.54170	.05790	9.35630	.01080	.00010	.00050	-.00220
7.932	14.210	.00000	.65320	-.08260	.65350	.09034	8.13440	.01670	.00000	.00030	-.00170
7.929	16.580	.00000	.75430	-.08530	.75680	.13636	5.55020	.00420	.00540	.00510	-.00960
7.930	18.670	.02000	.82580	-.05080	.79860	.21622	3.69350	-.04840	.00110	.00110	-.00770
7.914	20.730	.02000	.84530	-.03890	.80520	.26316	3.05990	-.07410	.00840	.00000	-.00880
7.899	22.650	.01000	.84300	-.02430	.78730	.30228	2.60450	-.08620	.00200	.00030	-.00530
7.905	24.720	.01000	.86070	-.02460	.79220	.33741	2.34790	-.08800	.00180	.00060	-.00510
7.922	26.730	-.06000	.82490	-.01080	.74160	.36134	2.05230	-.10310	-.02170	-.00080	.02580

DATE 20 FEB 75

LA65 TABULATED SOURCE DATA

PAGE 35

(ANC009) (15 JUL 75)

AMES 12-085 (LA65)

WING 1 25-35-008

REFERENCE DATA

SREF = .5391 SQ.FT. XMRP = 3.3249 IN. XB
 LREF = 6.5498 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 62/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(IPSF)
3.977	-2.110	.0010	.0010	.00370	257.00000
3.971	-1.020	.00000	.00080	.00370	257.00000
3.979	.090	.00010	.00100	.00390	258.00000
3.969	1.120	.00010	.00090	.00390	257.00000
3.975	2.190	.00010	.00090	.00380	253.00000
3.974	3.330	.00010	.00100	.00390	258.00000
3.969	4.370	.00010	.00100	.00390	258.00000
3.967	5.430	.00020	.00100	.00370	258.00000
3.970	6.610	.00020	.00120	.00380	259.00000
3.971	8.730	.00030	.00110	.00370	259.00000
3.971	10.890	.00030	.00090	.00390	259.00000
3.970	13.080	-.00200	-.00210	.00380	259.00000
3.968	15.220	.00210	.00090	.00460	259.00000
3.961	17.230	.00590	-.00200	.00570	258.00000
3.953	19.280	.00430	-.00050	.00740	257.00000
3.958	21.290	.00420	-.00070	.00930	258.00000
3.951	23.290	.00690	-.00350	.01350	258.00000
3.952	25.310	.02020	-.00790	.01720	258.00000

T/C = .080 LESWP = 25.000
 FILSWP = 35.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GR.TNO = 120.000

PARAMETRIC DATA

RUN NO. 61/ 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(IPSF)
5.987	-2.180	.00010	.00070	.00430	390.00000
5.960	-1.110	.00010	.00070	.00410	390.00000
5.982	.080	.00000	.00070	.00420	390.00000
5.978	1.190	.00010	.00080	.00410	390.00000
6.003	2.300	.00000	.00070	.00400	394.00000
5.997	4.540	.00020	.00080	.00410	394.00000
5.987	6.810	.00020	.00070	.00410	393.00000
5.984	9.080	.00030	.00070	.00400	393.00000
5.965	11.360	.00020	.00080	.00400	394.00000
5.978	13.640	-.00290	-.00330	.00420	393.00000
5.979	15.900	.00980	.00360	.00470	393.00000
5.969	17.980	.01690	-.00360	.00560	392.00000
5.952	20.040	.01500	-.00510	.00750	392.00000
5.955	21.930	.00400	-.00030	.00940	391.00000
5.981	24.060	.00330	-.00010	.01320	395.00000
5.976	25.970	.02340	-.00950	.01790	394.00000

DATE 20 FEB 76

LAB5 TABULATED SOURCE DATA

PAGE 36

WING 1 25-35-0008

AMES 12-086 (LAB5)

(ANC009) (16 JUL 75)

REFERENCE DATA

SREF = .5391 SQ.FT. XMRP = 3.3249 IN. XB
 LREF = 6.5498 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 60/ 0 RN/L = 7.94

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FTLSWP = 35.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

CLN	CPCAV	Q(PSF)
.00050	.00400	515.00000
.00050	.00420	516.00000
.00040	.00420	516.00000
.00060	.00420	516.00000
.00050	.00420	514.00000
.00040	.00420	516.00000
.00040	.00420	515.00000
.00040	.00410	516.00000
.00060	.00400	518.00000
.00040	.00400	518.00000
.00030	.00420	517.00000
.00330	.00460	517.00000
.00380	.00560	518.00000
.00300	.00710	516.00000
.00050	.00920	515.00000
.00020	.01240	516.00000
.00900	.01810	519.00000

ALPHA	CSL
-2.290	.00010
-1.120	.00010
.040	.00010
1.210	.00010
2.370	.00010
3.590	.00020
4.700	.00020
7.140	.00020
9.420	.00030
11.930	.00020
14.210	.00010
16.590	.00670
18.670	.01480
20.730	.00790
22.650	.00200
24.720	.00150
26.730	-.01990

(RNC010) (16 JUL 75)

WING II 35-35-0008

AMES 12-086 (LAGE5)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4906 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSMP = 35.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 25/ 0 RN/L = 1.89

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.908	-2.030	.00000	-.05330	.01360	-.05280	.01547	-3.40900	-.03950	.00010	.00010	-.00200
1.902	-.960	.00000	.00040	.01610	.00070	.01613	.04260	-.04280	.00000	.00080	-.00090
1.903	.070	.00000	.04230	.01630	.04230	.01640	2.57730	-.04090	.00000	.00050	-.00030
1.901	1.120	.00000	.08900	.01550	.08870	.01719	5.16100	-.04200	.00000	.00070	.00100
1.898	2.150	.00000	.13910	.01440	.13740	.01954	7.03160	-.04160	.00010	.00100	-.00180
1.895	3.190	.00000	.18620	.01200	.18230	.02239	8.27360	-.04300	.00010	.00100	-.00060
1.895	4.250	.00000	.23370	.00860	.23240	.02587	8.98250	-.04070	.00010	.00100	-.00130
1.894	6.350	.00000	.32980	-.00070	.32790	.03577	9.16530	-.03880	.00010	.00100	-.00220
1.893	8.420	.00000	.42800	-.01300	.42530	.04985	8.53240	-.03940	.00000	.00090	-.00040
1.893	10.520	.00000	.54220	-.02410	.53740	.07529	7.13870	-.04000	.00020	.00070	-.00260
1.891	12.610	.00000	.64660	-.02760	.63900	.11471	5.57020	-.04680	.00000	.00070	-.00190
1.874	14.670	.00000	.73390	-.03440	.71610	.16248	4.40750	-.06540	.00040	.00070	-.00080
1.891	16.750	.00000	.79110	-.04860	.76290	.21013	3.63060	-.08590	.00050	.00040	-.00230
1.890	18.740	.00000	.83490	-.06150	.78470	.25412	3.08800	-.10330	.00020	.00050	-.00170
1.885	20.730	.00000	.84770	-.06690	.79520	.29368	2.70770	-.11850	.00050	.00030	-.00370
1.868	22.790	.00000	.85250	-.06790	.79820	.32679	2.44260	-.12290	.00140	.00050	-.00500
1.965	24.730	-.02000	.82990	-.00010	.75380	.34705	2.17200	-.13210	-.02050	-.00020	-.02680

RUN NO. 24/ 0 RN/L = 3.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.959	-2.090	.00000	-.08320	.00930	-.08280	.01236	-6.70200	-.02360	.00010	.00010	.00170
3.951	-1.040	.00000	-.03570	.01070	-.03550	.01138	-3.12030	-.02520	.00010	.00000	.00160
3.956	.060	.00000	.01170	.01140	.01170	.01146	1.02260	-.02430	.00000	.00030	.00150
3.947	1.160	.00000	.06090	.01070	.06070	.01190	5.09770	-.02500	.00010	.00010	.00170
3.945	2.270	.00000	.11050	.00930	.11000	.01368	8.04180	-.02450	.00010	.00010	.00120
3.939	3.310	.00000	.15910	.00670	.15750	.01583	9.94680	-.02430	.00010	.00010	.00110
3.950	4.410	.00000	.20990	.00300	.20910	.01911	10.93800	-.02350	.00000	.00000	.00100
3.943	6.580	.00000	.30760	-.00720	.30640	.02811	10.90200	-.01990	.00000	.00000	.00090
3.933	8.760	.00000	.41350	-.02100	.41190	.04225	9.74940	-.01730	.00010	.00050	-.00090
3.938	10.950	.00000	.53570	-.03340	.53230	.06895	7.71990	-.01980	.00050	.00070	-.00140
3.945	13.120	.00000	.64470	-.03750	.63640	.10981	5.79520	-.02770	.00070	.00050	-.00130
3.939	15.240	.00000	.72550	-.03350	.70890	.15837	4.47540	-.04520	.00070	.00000	-.00010
3.933	17.300	.00000	.77540	-.02540	.74780	.20630	3.62510	-.06500	.00020	.00000	-.00030
3.940	19.350	.00000	.80700	-.01670	.76700	.25164	3.04800	-.08760	.00020	.00000	-.00050
3.941	21.420	.00000	.82330	-.01240	.77130	.28921	2.67620	-.09970	.00070	-.00010	-.00090
3.944	23.400	.00000	.83600	-.01400	.77260	.31921	2.42090	-.10290	.00050	.00040	-.00250
3.937	25.370	-.03000	.81110	-.00660	.73570	.34152	2.15420	-.11104	-.01620	-.00080	-.02170

ORIGINAL PAGE IS OF POOR QUALITY

WING 11 35-35-0008 AMES 12-086 (LA65) (RNC010) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4906 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000 LESWP = 35.000
 F.L.SWP = 35.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 23/ 0 RN/L = 5.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.980	-2.220	.00000	-.09900	.00760	-.09860	.01140	-8.65350	-.01920	.00020	.00000	.00140
5.958	-1.090	.00000	-.04970	.00920	-.04950	.01015	-4.88320	-.01930	.00030	.00000	.00130
5.955	.050	.00000	.00210	.01000	.00210	.00996	.21360	-.02000	.00020	-.00010	.00100
5.966	1.160	.00000	.05110	.00930	.05090	.01031	4.93240	-.02000	.00010	-.00010	.00130
5.970	2.300	.00000	.10160	.00770	.10120	.01174	8.61470	-.01910	.00010	-.00010	.00090
5.964	3.410	.00000	.15200	.00490	.15140	.01391	10.88500	-.01810	.00010	-.00020	.00080
5.949	4.550	.00000	.20310	.00090	.20240	.01700	11.90600	-.01660	.00020	-.00010	.00060
5.960	6.830	.00000	.31020	-.01080	.30930	.02615	11.82900	-.01350	.00020	-.00020	.00040
5.950	9.140	.00000	.42520	-.02540	.42390	.04243	9.99020	-.01010	.00020	.00010	.00000
5.948	11.400	.00000	.54320	-.03920	.54020	.06894	7.83690	-.01100	.00030	.00000	.00000
5.963	13.680	.00000	.65650	-.04560	.64870	.11097	5.84600	-.01940	.00180	.00100	-.00220
5.949	15.850	.00000	.73640	-.04090	.71960	.16178	4.44780	-.03720	.00030	.00030	-.00160
5.948	17.930	.00000	.78040	-.02870	.75130	.21293	3.52830	-.06410	.00230	-.00010	-.00190
5.939	19.960	.00000	.80450	-.01780	.76230	.25785	2.95630	-.08530	.00240	-.00080	-.00060
5.939	21.980	.00000	.82120	-.01550	.76730	.29299	2.61880	-.09600	.00040	-.00020	-.00050
5.944	24.030	.00000	.83780	-.01780	.77240	.32492	2.37730	-.09830	-.00100	.00030	-.00070
5.932	25.930	-.05000	.81260	-.00880	.73460	.34738	2.11480	-.10720	-.02240	-.00130	.03020

RUN NO. 22/ 0 RN/L = 7.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.953	-2.310	.00000	-.11070	.00750	-.11040	.01200	-9.19400	-.01350	.00010	-.00040	.00180
7.933	-1.150	.00000	-.06030	.00940	-.06010	.01064	-5.65250	-.01360	.00010	-.00030	.00150
7.945	.020	.00000	-.00830	.01020	-.00830	.01015	-.81920	-.01370	.00020	-.00030	.00100
7.935	1.160	.00000	.04310	.00970	.04290	.01056	4.05790	-.01340	.00010	-.00030	.00110
7.947	2.330	.00000	.09400	.00810	.09360	.01196	7.83040	-.01300	.00020	-.00020	.00070
7.944	3.510	.00000	.14500	.00500	.14550	.01392	10.45300	-.01160	.00010	-.00010	.00040
7.952	4.710	.00000	.20310	.00350	.20240	.01720	11.76700	-.01050	.00020	-.00010	.00020
7.917	7.080	.00000	.31500	-.01210	.31410	.02682	11.71000	-.00770	.00020	.00000	.00010
7.946	9.470	.00000	.42950	-.02770	.42820	.04335	9.87620	-.00330	.00040	.00040	-.00100
7.940	11.860	.00000	.55160	-.04410	.54890	.07021	7.81880	-.00310	.00050	.00140	-.00220
7.939	14.270	.00000	.67280	-.05380	.66530	.11368	5.85300	-.01070	.00230	.00150	-.00280
7.919	16.480	.00000	.75330	-.04760	.73590	.16803	4.37940	-.03180	.00170	.00020	-.00170
7.917	18.610	.01000	.80210	-.03790	.77230	.22009	3.50990	-.05670	.00350	-.00010	-.00190
7.912	20.590	.00000	.81390	-.02760	.76980	.26512	2.90360	-.08230	.00010	-.00010	.00140
7.919	22.660	.00000	.83290	-.01960	.77610	.30277	2.56350	-.09290	-.00150	.00050	-.00020
7.896	24.760	.00000	.86030	-.02320	.79100	.33923	2.33160	-.09660	-.00180	.00050	-.00120
7.920	26.600	.02000	.82280	-.01540	.74260	.35469	2.09360	-.10590	-.00160	.00160	-.01230

WING 11 35-35-0008

ANES 12-086 (LA65)

(ANC010)

(16 JUL 75)

REFERENCE DATA

SPEF = .5272 SO.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4906 INCHES YMRP = .0000 IN. YB
 BRFF = 13.1.35 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 35.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 25/ 0 RN/L = 1.69

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
1.908	-2.030	.0010	.00110	.00370	126.00000
1.902	-.960	.0000	.00080	.00380	125.00000
1.903	.070	.0000	.00050	.00370	126.00000
1.901	1.120	.0000	.00070	.00380	126.00000
1.898	2.150	.0020	.00100	.00380	125.00000
1.895	3.190	.0010	.00100	.00390	125.00000
1.896	4.250	.0020	.00090	.00370	126.00000
1.894	5.350	.0020	.00110	.00380	125.00000
1.893	6.420	.0020	.00090	.00380	125.00000
1.893	10.520	.0040	.00430	.00430	125.00000
1.891	12.610	.0070	.00070	.00410	125.00000
1.894	14.630	-.0020	.00080	.00430	126.00000
1.891	16.750	-.0030	.00050	.00530	126.00000
1.890	18.740	.0000	.00050	.00630	126.00000
1.886	20.730	.0050	.00010	.00850	125.00000
1.838	22.790	.00150	-.00010	.01190	126.00000
1.885	24.730	-.01870	.00840	.01920	125.00000

RUN NO. 24/ 0 RN/L = 3.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.958	-2.090	.0010	.00010	.00440	262.00000
3.951	-.040	.0010	.00000	.00440	262.00000
3.956	.060	.0000	.00030	.00440	264.00000
3.947	1.150	.0010	-.00010	.00450	263.00000
3.945	2.270	.0010	.00000	.00450	263.00000
3.939	3.310	.0010	.00010	.00450	263.00000
3.950	4.410	.0000	.00000	.00460	264.00000
3.943	5.580	.0000	.00000	.00450	265.00000
3.939	6.760	.0020	.00050	.00450	265.00000
3.939	10.940	.0050	.00050	.00460	265.00000
3.945	13.120	.0030	.00030	.00480	266.00000
3.939	15.240	-.0070	.00020	.00540	266.00000
3.933	17.330	.0020	.00000	.00590	265.00000
3.940	19.350	.0010	-.00020	.00730	266.00000
3.941	21.420	.0060	-.00030	.00990	267.00000
3.944	23.430	.00050	-.00020	.01330	267.00000
3.937	25.370	-.01500	.00620	.01870	267.00000

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LAGE5 TABULATED SOURCE DATA

PAGE 40

WING 11 35-35-0008

AMES 12-086 (LAGE5)

(ANCO10) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4906 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 35.000
 FILSMP = 35.000 TESHMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 23 / 0 RN/L = 5.95

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.980	-2.220	.00020	.00000	.00450	398.00000
5.958	-1.090	.00030	.00000	.00480	396.00000
5.955	.050	.00020	-.00010	.00470	397.00000
5.970	1.160	.00010	-.00010	.00480	399.00000
5.970	2.300	.00010	-.00010	.00470	400.00000
5.954	3.410	.00010	-.00020	.00460	400.00000
5.949	4.550	.00020	-.00010	.00480	398.00000
5.950	6.830	.00010	-.00020	.00480	400.00000
5.950	9.140	.00030	.00010	.00450	401.00000
5.948	11.400	.00060	.00020	.00460	401.00000
5.953	13.680	.00190	.00060	.00480	404.00000
5.949	15.850	.00280	-.00040	.00530	402.00000
5.948	17.930	.00210	-.00080	.00640	403.00000
5.938	19.950	.00200	-.00150	.00780	402.00000
5.939	21.980	.00030	-.00030	.01070	402.00000
5.914	24.030	-.00080	.00070	.01450	403.00000
5.932	25.930	-.02070	.00860	.01960	402.00000

RUN NO. 22 / 0 RN/L = 7.93

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
7.953	-2.310	.00020	-.00040	.00460	525.00000
7.933	-1.150	.00010	-.00030	.00480	523.00000
7.945	.020	.00020	-.00030	.00480	526.00000
7.936	1.180	.00010	-.00030	.00460	526.00000
7.947	2.330	.00020	-.00030	.00470	528.00000
7.944	3.510	.00010	-.00010	.00470	529.00000
7.952	4.710	.00020	-.00010	.00460	531.00000
7.917	7.080	.00020	.00000	.00440	529.00000
7.946	9.470	.00050	.00040	.00440	534.00000
7.940	11.860	.00080	.00120	.00450	534.00000
7.939	14.270	.00260	.00090	.00470	534.00000
7.919	16.480	.03170	-.00030	.00550	532.00000
7.917	18.610	.00330	-.00120	.00640	534.00000
7.912	20.590	.00030	.00000	.00750	536.00000
7.919	22.660	-.00120	.00100	.01130	539.00000
7.856	24.760	-.00150	.00120	.01410	536.00000
7.920	26.600	.01530	-.00590	.01950	540.00000

WING 11 35-80-0009 (RNC011) (16 JUL 75)

REFERENCE DATA

SREF = .7786 SQ.FT. XMRP = 12.4506 IN. XB
 LREF = 12.6556 INCHES YMRP = .0000 IN. YB
 PREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHIP = 35.000
 FILSMP = 90.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 657 0 RN/L = 3.94

PN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.937	-2.070	.0000	-.06940	.00800	-.06300	.01050	-6.57820	.01500	.00020	-.00050	.00130
3.925	-.960	.0000	-.03590	.00880	-.03580	.00944	-3.79060	.00520	.00020	-.00040	.00110
3.938	.050	.0000	-.00410	.00940	-.00410	.00944	-4.3480	-.00150	.00010	-.00020	.00110
3.939	1.120	.0000	.02810	.00880	.02790	.00931	3.00220	-.00930	.00000	.00000	.00120
3.948	2.180	.0000	.06340	.00790	.06310	.01027	6.14110	-.01860	.0010	.00010	.00090
3.944	3.250	.0000	.09710	.00600	.09660	.01152	8.38060	-.02670	.00710	.00040	.00080
3.941	4.340	.0000	.13190	.00380	.13130	.01381	9.50280	-.03520	.00010	.00030	.00090
3.947	6.520	.0000	.20530	-.00180	.20420	.02155	9.47630	-.05270	.00010	.00030	.00110
3.935	8.630	.0000	.28490	-.00850	.28290	.03433	8.24070	-.07140	.00010	.00060	.00050
3.945	10.960	.0000	.38470	-.01050	.37980	.06220	6.10590	-.09840	.00020	.00040	.00040
3.943	13.040	.0000	.47450	-.01110	.46470	.09626	4.82800	-.12170	.00010	.00020	.00000
3.938	15.250	.0000	.56630	-.01340	.55050	.13616	4.04300	-.14500	.00020	.00050	.00040
3.947	17.470	.0000	.66520	-.01580	.63930	.18473	3.46060	-.17070	.00020	.00080	.00080
3.939	19.720	.0000	.78910	-.02190	.75020	.24556	3.05520	-.20190	.00160	.00070	.00060
3.940	21.930	.0200	.89910	-.02820	.84450	.30964	2.72750	-.22730	.00290	-.00110	-.00610
3.933	24.230	.0300	.90130	-.03460	.92280	.37730	2.14580	-.24750	.00320	-.00100	-.01240
3.942	26.430	.04000	1.1000	-.04130	1.00630	.45533	2.21550	-.27080	.00250	-.00100	-.01670

RUN NO. 647 0 RN/L = 5.92

PN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.975	-2.160	.0000	-.07080	.00800	-.07040	.01068	-6.59420	.01540	.00020	-.07020	.00080
5.972	-1.030	.0000	-.03710	.00970	-.03730	.00967	-3.82100	.00680	.00020	-.00010	.00080
5.945	.050	.0000	-.00440	.00940	-.00440	.00941	-4.66820	-.00150	.00020	.00000	.00080
5.958	1.140	.0000	.02810	.00930	.02790	.00982	2.83940	-.00940	.00020	.00010	.00090
5.941	2.250	.0000	.06190	.00810	.06160	.01049	5.87090	-.01780	.00010	.00020	.00080
5.968	3.380	.0000	.09820	.00530	.09770	.01204	8.11010	-.02660	.00020	.00040	.00060
5.989	4.500	.0000	.13540	.00340	.13470	.01405	9.59150	-.03540	.00020	.00030	.00060
5.975	6.720	.0000	.20740	-.00250	.20630	.02181	9.45930	-.05230	.00010	.00060	.00040
5.981	9.030	-.01000	.30480	-.01070	.30270	.03226	8.12560	-.07620	.00010	.00050	.00070
5.975	11.320	.00000	.40440	-.01260	.39910	.06705	5.95190	-.10260	.00020	.00020	.00060
5.976	13.610	.00000	.49500	-.01330	.48430	.10454	4.67710	-.12660	.00030	.00010	.00050
5.974	15.890	.00000	.59230	-.01560	.57130	.14665	3.83990	-.15060	.00000	.00020	.00090
5.972	18.250	.00000	.70120	-.01890	.67180	.20175	3.32970	-.18010	.00060	.00020	.00060
5.934	20.650	.02000	.81020	-.02480	.76630	.26254	2.92110	-.20700	.00270	-.00110	-.00310
5.963	23.010	.04000	.93230	-.03260	.87780	.33751	2.60090	-.23730	.00410	-.00140	-.00950
5.994	25.350	.06000	1.03070	-.03820	.94790	.40679	2.33000	-.25640	.00350	-.00160	-.01440
5.982	27.590	.08000	1.12920	-.04460	1.02060	.48512	2.10390	-.27450	.00230	-.00120	-.01600

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LA65 TABULATED SOURCE DATA

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WING 11 35-80-0008

AMES 12-086 (LA65)

(RNC011) (16 JUL 75)

REFERENCE DATA

SREF = .7786 SQ.FT. XMRP = 12.4506 IN. XB
 LREF = 12.6556 INCHES YMRP = .0000 IN. YB
 BREF = 17.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 63/ 0 RN/L = 7.83

PARAMETRIC DATA

L/C = .080 LCSMF = 35.000
 FILSMP = 80.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.925	-2.240	.00000	-.07520	.00730	-.07490	.01020	-7.34490	.01580	.00030	.00020	-.00010
7.929	-1.130	.00000	-.04130	.00850	-.04110	.00935	-4.40100	.00710	.00020	.00030	.00000
7.916	.030	.00000	-.00520	.00890	-.00520	.00893	-5.7750	-.00170	.00020	.00040	.00000
7.916	1.220	.00000	.03080	.00850	.03060	.00913	3.34990	-.01050	.00010	.00050	.00000
7.912	2.340	.00000	.06650	.00740	.06610	.01006	6.57320	-.01910	.00010	.00060	-.00020
7.895	3.430	.00000	.09970	.00560	.09920	.01151	8.62070	-.02710	.00020	.00050	-.00020
7.891	4.650	.00000	.14010	.00270	.13940	.01399	9.96040	-.03680	.00020	.00050	-.00030
7.883	6.930	.00000	.22030	.00410	.21910	.02250	9.74130	-.05590	.00020	.00080	-.00060
7.892	8.130	.00000	.26700	.00980	.26550	.02906	9.13750	-.06730	.00010	.00090	-.00060
7.886	9.240	.00000	.30780	.01230	.30580	.03725	8.20810	-.07690	.00020	.00110	-.00070
7.915	11.690	.00000	.40700	-.01550	.40170	.06728	5.96970	-.10250	.00010	.00020	-.00060
7.714	14.140	.00000	.51220	-.01650	.50070	.10919	4.56530	-.12990	.00020	-.00010	-.00040
7.714	16.550	.00000	.61130	-.01810	.59110	.15680	3.77000	-.15570	.00050	.00010	-.00020
7.659	18.980	.00000	.73050	-.02240	.69820	.21648	3.22500	-.18700	.00090	.00070	-.00040
7.685	21.530	.00000	.83970	-.02850	.79150	.28169	2.81010	-.21620	.00280	.00140	-.00460
7.705	24.010	.06000	.96340	-.03600	.89470	.35914	2.49120	-.24180	.00450	.00190	-.01130
7.723	26.500	.06000	1.05350	-.04150	.96130	.43301	2.22000	-.26350	.00290	.00110	-.01730
7.743	28.950	.09000	1.12970	-.04670	1.01120	.50591	1.99870	-.27350	.00330	-.00010	-.01930

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LAGE5 TABULATED SOURCE DATA

PAGE 43

WING 11 35-80-0008

AMES 12-086 (LAGE5)

(ANCO11) (16 JUL 75)

REFERENCE DATA

SREF = .7786 SO. I. XMRP = 12.506 IN. XB
 LREF = 12.6556 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 65/ 0 RN/L = 3.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.937	-2.070	.00020	-.00050	.0040	266.00000
3.925	-.960	.00020	-.00040	.00250	265.00000
3.958	.050	.00010	-.00020	.00220	267.00000
3.939	1.120	.00010	.00000	.00260	264.00000
3.948	2.190	.00010	.00010	.00240	266.00000
3.944	3.250	.00010	.00030	.00250	265.00000
3.941	4.320	.00010	.00030	.00240	265.00000
3.947	6.520	.00010	.00020	.00230	266.00000
3.935	8.630	.00020	.00060	.00250	264.00000
3.945	10.860	.00030	.00040	.00270	265.00000
3.943	13.040	.00010	.00020	.00260	265.00000
3.938	15.250	.00000	.00050	.00280	265.00000
3.947	17.470	.00050	.00070	.00260	265.00000
3.929	19.720	.00130	-.00110	.00310	264.00000
3.940	21.930	.00220	-.00210	.00340	266.00000
3.953	24.230	.00250	-.00220	.00340	267.00000
3.942	26.430	.00180	-.00200	.00400	266.00000

RUN NO. 64/ 0 RN/L = 5.02

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.975	-2.160	.00020	-.00020	.00170	407.00000
5.972	-1.030	.00020	-.00010	.00170	408.00000
5.945	.070	.00020	.00000	.00130	407.00000
5.958	1.140	.00020	.00010	.00160	410.00000
5.941	2.250	.00010	.00020	.00170	408.00000
5.958	3.380	.00020	.00040	.00170	408.00000
5.959	4.500	.00020	.00030	.00230	409.00000
5.975	6.720	.00020	.00050	.00190	410.00000
5.981	9.030	.00020	.00050	.00240	407.00000
5.975	11.320	.00010	.00020	.00230	407.00000
5.975	13.610	.00030	.00000	.00270	407.00000
5.974	15.890	.00000	.00020	.00250	407.00000
5.972	18.250	.00060	.00000	.00270	407.00000
5.934	20.650	.00220	-.00200	.00250	411.00000
5.933	23.010	.00320	-.00290	.00320	406.00000
5.984	25.350	.00250	-.00200	.00320	410.00000
5.982	27.690	.00150	-.00220	.00360	409.00000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 80.000 TESWP = 20.000
 BETA = .000 MACH =
 CRITNO = 120.000

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 44

WING 11 35-80-0008

AMES 12-086 (LA65)

(ANC011) (16 JUL 75)

REFERENCE DATA

SREF = .7786 SQ.FT. XMRP = 12.4506 IN. XS
 LREF = 12.5956 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 63/ 0 RN/L = 7.83

PARAMETRIC DATA

T/C = .080 LESMP = 35.000
 FILSMP = 80.000 TESMP = 20.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

CLN	CPCAV	Q (PSF)
.00020	.00200	507.00000
.00030	.00200	508.00000
.00040	.00200	507.00000
.00050	.00210	508.00000
.00050	.00200	508.00000
.00050	.00200	506.00000
.00050	.00210	507.00000
.00050	.00210	507.00000
.00050	.00200	509.00000
.00100	.00220	508.00000
.00020	.00190	522.00000
.00020	.00240	528.00000
.00020	.00210	529.00000
.00090	.00250	524.00000
.00230	.00260	528.00000
.00350	.00280	532.00000
.00210	.00290	536.00000
.00170	.00330	539.00000

REFERENCE DATA

SREF = .6829 SQ.FT. XMRP = 9.1430 IN. XB
 LREF = 10.0062 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 56 / 0 RN/L = 3.97

RM/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.987	-2.050	.0000	-.0630	.0630	-.0840	.0113	-7.4530	.0108	.0020	-.0050	.0060
3.978	-1.011	.0000	-.0460	.0460	-.0460	.0101	-4.5720	.0050	.0020	-.0040	.0070
3.973	.050	.0000	-.0070	.0070	-.0070	.0096	-.7750	-.0090	.0020	-.0030	.0050
3.973	1.190	.0000	.0320	.0320	.0320	.0093	3.2850	-.0070	.0030	-.0010	.0030
3.975	2.220	.0000	.0710	.0710	.0710	.0101	6.5500	-.0130	.0020	-.0010	.0060
3.978	3.260	.0000	.1120	.1120	.1120	.0125	8.8380	-.0190	.0030	-.0000	.0050
3.976	4.250	.0000	.1470	.1470	.1470	.0147	10.0190	-.0250	.0020	-.0010	.0000
3.968	6.440	.0000	.2290	.2290	.2290	.0216	10.5790	-.0370	.0030	-.0010	.0010
3.968	8.480	.0000	.3090	.3090	.3090	.0326	9.4400	-.0510	.0030	-.0000	.0000
3.970	10.350	.0000	.4050	.4050	.4050	.0597	6.7640	-.0710	.0020	-.0010	.0000
3.971	12.720	.0000	.5020	.5020	.5020	.0965	5.2010	-.0910	.0070	-.0020	.0020
3.981	14.810	.0000	.6040	.6040	.6040	.1381	4.2650	-.1090	.0040	-.0000	.0000
3.971	16.950	.0000	.7210	.7210	.7210	.1878	3.6880	-.1310	.0070	-.0000	.0000
3.965	19.100	.0000	.8350	.8350	.8350	.2432	3.2640	-.1500	.0050	-.0040	.0010
3.952	21.250	.0000	.9470	.9470	.9470	.3070	2.9120	-.1680	.0020	-.0040	.0010
3.950	23.350	.0000	1.0330	.0430	.9510	.3687	2.6190	-.1790	-.0010	-.0040	.0020
3.953	25.370	.0000	1.0290	-.0420	.9430	.4030	2.3530	-.1690	-.0040	.0010	.0020

RUN NO. 57 / 0 RN/L = 5.87

RM/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.885	-2.040	.0000	-.0810	.0780	-.0800	.0108	-7.5780	.0103	.0030	-.0010	.0030
5.885	-.910	.0000	-.0460	.0460	-.0460	.0092	-4.2460	.0040	.0030	-.0000	.0010
5.879	.040	.0000	-.0060	.0060	-.0060	.0095	-.7110	-.0070	.0020	-.0000	.0030
5.871	1.150	.0000	.0340	.0340	.0340	.0093	3.6610	-.0070	.0020	-.0000	.0030
5.879	2.210	.0000	.0730	.0760	.0720	.0107	7.0170	-.0130	.0030	-.0040	.0070
5.882	3.270	.0000	.1110	.0940	.1110	.0117	9.4750	-.0190	.0020	-.0000	.0010
5.890	4.300	.0000	.1490	.1490	.1490	.0138	10.7540	-.0250	.0020	-.0000	.0000
5.882	5.430	.0000	.2310	.2320	.2320	.0205	10.9850	-.0380	.0020	-.0020	.0020
5.877	8.040	.0000	.3160	.3140	.3140	.0324	9.6980	-.0510	.0030	-.0000	.0000
5.873	13.110	.0000	.4160	.4120	.4120	.0580	7.1120	-.0700	.0020	-.0030	.0030
5.873	15.130	.0000	.5170	.5080	.5080	.0986	5.2480	-.0920	.0010	-.0020	.0020
5.868	17.430	.0000	.6190	.6190	.6190	.1421	4.2180	-.1120	.0050	-.0020	.0020
5.863	19.610	.0000	.7330	.7040	.7040	.1939	3.5960	-.1350	.0010	-.0040	.0010
5.853	21.610	.0000	.8470	.8050	.8050	.2547	3.1760	-.1540	.0020	-.0010	.0010
5.846	23.550	.0000	.9520	.9010	.9010	.3187	2.8280	-.1720	.0000	-.0000	.0030
5.848	25.350	.0000	1.0380	.9570	.9570	.3808	2.5420	-.1820	-.0010	-.0050	.0010
5.855	25.970	.0000	1.0330	-.0440	.9470	.4127	2.2980	-.1720	-.0010	-.0060	.0020

ORIGINAL PAGE IS OF POOR QUALITY

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LAB5 TABULATED SOURCE DATA

PAGE 46

WING 11 35-75-0008 AMES 12-086 (LAB5)

(RNC012) (16 JUL 75)

REFERENCE DATA

SREF = -6829 SO.FT. XMRP = 9.1430 IN. XB
 LREF = 10.0062 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 75.000 TESWP = 20.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 58/ 0 RN/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.992	-2.140	.0000	-.09530	.00700	-.08490	.01022	-8.31260	.01100	.00030	-.00020	.00000
8.000	-1.050	.0000	-.04780	.00810	-.04770	.00898	-5.70650	.00470	.00020	-.00010	-.00020
7.995	.030	.0000	-.00850	.00870	-.00860	.00857	-.99600	-.00160	.00020	-.00010	-.00020
7.997	1.180	.0000	.03100	.00820	.03050	.00882	3.50110	-.00780	.00020	-.00010	-.00030
7.993	2.270	.0000	.07020	.00680	.06980	.00957	7.29460	-.01400	.00010	.00000	.00020
7.975	3.330	.0000	.10790	.00490	.10750	.01116	9.62510	-.01980	.00010	.00010	.00010
7.975	4.420	.0000	.14920	.00200	.14860	.01353	10.98300	-.02540	.00010	.00010	.00020
7.973	6.690	.0000	.23780	-.00710	.23700	.02056	11.46900	-.04010	.00020	.00020	.00060
7.953	8.850	.0000	.32210	-.01760	.32100	.03214	9.98840	-.05350	.00010	.00010	.00010
7.973	11.110	-.01000	.42370	-.02390	.42180	.05087	7.50190	-.07190	.00010	.00400	.00010
7.973	13.240	-.01000	.53040	-.02940	.52190	.09387	5.33330	-.09320	.00150	.00240	.03420
7.925	15.610	.00000	.63440	-.02160	.61680	.14094	4.11360	-.11700	.00020	.00050	.00050
7.913	17.880	.00000	.75110	-.02780	.72330	.20413	3.54330	-.13820	.00050	.00020	.00020
7.933	20.220	.00000	.87300	-.03480	.83120	.26910	3.08870	-.15920	.00020	-.00030	.00130
7.933	22.450	.00000	.97480	-.04140	.91670	.33410	2.74390	-.17610	.00020	-.00060	.00330
7.915	24.630	.00000	1.03790	-.04650	.96280	.39025	2.46750	-.18020	.00180	-.00120	.00540
7.914	26.670	-.01000	1.03380	-.04600	.94450	.42292	2.23320	-.17180	.00400	.00000	.00470

DATE 20 FEB 75

LAGE5 TABULATED SOURCE DATA

PAGE 47

(ANCO12) (16 JUL 75)

WING I1 35-75-0008 AMES 12-086 (LAGE5)

REFERENCE DATA

SREF = .6529 SQ.FT. XMRP = 9.1430 IN. XB
 LREF = 10.0052 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSMP = 75.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GP1TNO = 120.000

RUN NO. 66/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
3.987	-2.050	.0030	-.0050	.00160	258.00000
3.978	-1.010	.0020	-.0040	.00170	257.00000
3.973	.060	.0020	-.0030	.00190	257.00000
3.973	1.190	.0030	-.0010	.00180	257.00000
3.975	2.220	.0020	-.0010	.00190	258.00000
3.978	3.260	.0030	.0000	.00180	258.00000
3.976	4.250	.0020	.0010	.00190	258.00000
3.958	6.440	.0030	.0010	.00200	257.00000
3.958	8.480	.0040	.0080	.00210	257.00000
3.970	10.560	.0040	.0010	.00220	258.00000
3.971	12.720	.0030	.0050	.00230	258.00000
3.981	14.810	.0040	.0010	.00240	260.00000
3.971	16.950	.0070	.0010	.00240	259.00000
3.965	19.100	.0050	.0020	.00240	258.00000
3.952	21.220	.0030	.0030	.00250	258.00000
3.930	23.330	-.0010	.0010	.00310	258.00000
3.953	25.370	-.0030	.0030	.00560	257.00000

RUN NO. 67/ 0 RN/L = 5.87

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
5.885	-2.040	.0030	-.0010	.00200	391.00000
5.885	-.910	.0030	.0000	.00210	391.00000
5.879	1.040	.0020	.0010	.00220	390.00000
5.871	1.150	.0020	.0020	.00220	390.00000
5.879	2.210	.0030	.0040	.00220	391.00000
5.892	3.270	.0020	.0040	.00220	391.00000
5.890	4.300	.0020	.0030	.00230	393.00000
5.892	6.490	.0030	.0040	.00220	392.00000
5.890	8.640	.0040	.0070	.00230	393.00000
5.877	10.800	.0070	.0070	.00250	392.00000
5.878	13.000	.0010	.0010	.00270	393.00000
5.857	15.180	.0070	.0080	.00280	391.00000
5.868	17.400	.0010	.0010	.00290	392.00000
5.860	19.510	.0030	-.0010	.00290	391.00000
5.846	21.600	.0030	-.0030	.00310	390.00000
5.849	23.950	-.0010	.0000	.00380	390.00000
5.956	25.970	-.0010	.0010	.00650	391.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 48

WING 11 35-75-0008

AMES 12-086 (LA65)

(ANC012) (16 JUL 75)

REFERENCE DATA

SRCF = .5829 SQ.FT.
 LREF = 10.0062 INCHES
 BRFF = 13.1135 INCHES
 SCALE = .0000

XMRP = 9.1430 IN. XB
 YMRP = .0000 IN. YB
 ZMRP = .0000 IN. ZB

RUN NO. 68/ 0 RN/L = 7.95

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 75.000 TESWP = 20.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.992	-2.140	.00030	-.00020	.00210	531.00000
8.000	-1.050	.00020	-.00010	.00220	532.00000
7.995	.030	.00020	-.00010	.00220	532.00000
7.987	1.180	.00020	-.00010	.00230	531.00000
7.980	2.270	.00010	.00000	.00230	530.00000
7.983	3.330	.00010	.00000	.00230	531.00000
7.975	4.420	.00010	.00010	.00240	531.00000
7.973	6.690	.00020	.00010	.00230	531.00000
7.963	8.850	.00010	.00030	.00240	530.00000
7.928	11.110	.00070	.00000	.00260	535.00000
7.929	13.360	.00200	.00200	.00290	536.00000
7.925	15.610	.00030	.00040	.00290	536.00000
7.913	17.880	-.00050	.00030	.00300	534.00000
7.933	20.220	-.00030	-.00020	.00300	538.00000
7.930	22.450	.00000	-.00070	.00330	537.00000
7.916	24.630	-.00010	-.00040	.00440	536.00000
7.914	26.670	-.00350	-.00180	.00700	536.00000

DATE 20 FEB 76

L655 TABULATED SOURCE DATA

PAGE 49

WING 11 35-70-000R

AMES 12-086 (L655)

(RNC013) (16 JUL 75)

REFERENCE DATA

SPEE = .5308 SQ.FT. XMRP = 7.3815 IN. XB
 LREF = 8.7515 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 71/ 0 RN'L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.996	-2.050	.0000	-.0550	.00820	-.08530	.01132	-7.53610	.00430	.00030	.00040	-.00160
3.990	-1.040	.0000	-.04580	.00900	-.04570	.00987	-4.52680	-.00060	.00030	.00040	-.00150
3.979	.050	.0000	-.00490	.00940	-.00490	.00937	-.52350	-.00530	.00030	.00060	-.00160
3.985	1.150	.0000	.03730	.00890	.03710	.00968	3.83870	-.01040	.00040	.00070	-.00170
3.982	2.240	.0000	.08010	.00750	.07970	.01061	7.51360	-.01460	.00030	.00080	-.00190
3.982	3.290	.0000	.12220	.00550	.12160	.01255	9.61700	-.01940	.00020	.00060	-.00120
3.973	4.340	.0000	.16460	.00280	.16390	.01523	10.76000	-.02410	.00020	.00060	-.00080
3.971	5.400	.0000	.20780	-.00130	.20700	.01853	11.17000	-.02830	.00020	.00060	-.00060
3.969	6.490	.0000	.24970	-.00580	.24780	.02233	11.09400	-.03260	.00010	.00060	-.00100
3.960	7.620	.0000	.33860	-.01390	.33750	.03405	9.91100	-.04150	.00020	.00120	-.00120
3.957	8.800	.0000	.44590	-.02330	.44340	.06106	7.26070	-.05760	.00030	.00120	-.00180
3.960	10.020	.0000	.55330	-.03530	.54370	.10485	5.18940	-.07330	.00080	.00080	-.00350
3.960	11.280	.0000	.67000	-.05000	.63030	.14759	4.27090	-.08690	.00050	.00100	-.00250
3.976	13.430	.0000	.85200	-.07320	.73130	.20126	3.63620	-.10300	.00000	.00110	-.00180
3.981	15.590	.0000	.92700	-.09370	.87160	.25559	3.19010	-.11290	-.00010	.00110	-.00160
3.979	17.860	.0000	.94430	-.11160	.87950	.30459	2.86220	-.11160	-.00190	.00150	-.00080
3.979	20.150	.0000	.93350	-.13630	.87950	.34530	2.54730	-.11430	.00140	.00140	-.00270
3.977	22.460	.0000	.90350	-.16750	.86200	.39356	2.29200	-.12160	.00190	.00100	-.00290

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 70.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 70/ 0 RN'L = 5.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.947	-2.100	.0000	-.08750	.00740	-.08720	.01058	-8.24450	.00480	.00030	.00030	-.00100
5.949	-1.060	.0000	-.04710	.00860	-.04700	.00944	-4.97260	-.00050	.00030	.00040	-.00110
5.943	.030	.0000	-.00650	.00880	-.00650	.00882	-.73640	-.00480	.00030	.00050	-.00120
5.960	1.190	.0000	.03960	.00830	.03940	.00911	4.21690	-.01010	.00030	.00050	-.00120
5.960	2.260	.0000	.07360	.00700	.07330	.01013	7.82280	-.01470	.00020	.00060	-.00150
5.961	3.400	.0000	.12340	.00470	.12290	.01203	10.21400	-.01920	.00030	.00070	-.00160
5.946	4.470	.0000	.16630	.00160	.16470	.01441	11.43100	-.02320	.00020	.00080	-.00180
5.939	5.710	.0000	.20490	-.00750	.20360	.02215	11.44700	-.03240	.00020	.00080	-.00200
5.939	6.900	.0000	.24970	-.01920	.24870	.03415	10.21100	-.04240	.00020	.00130	-.00220
5.942	8.160	.0000	.30580	-.03360	.30510	.05118	7.65270	-.05680	.00040	.00180	-.00270
5.940	9.570	.0000	.36430	-.05070	.36370	.07441	5.26510	-.07560	.00050	.00110	-.00270
5.939	10.990	.0000	.42500	-.07000	.42440	.10426	4.18270	-.09080	.00070	.00100	-.00430
5.935	12.430	.0000	.48700	-.09130	.48610	.14146	3.55090	-.10310	.00090	.00100	-.00250
5.940	13.890	.0000	.55000	-.11460	.54970	.18116	3.10450	-.11200	-.00040	.00070	-.00180
5.940	15.380	.0000	.61300	-.14070	.61270	.22124	2.76410	-.11610	.00060	.00070	-.00190
5.940	16.890	.0000	.67600	-.16900	.67500	.26382	2.47330	-.11640	.00060	.00040	-.00300
5.948	18.420	.0000	.73900	-.20000	.73800	.30943	2.22190	-.12460	.00060	.00040	-.00310

ORIGINAL PAGE IS OF POOR QUALITY

WING 11 35-70-0008

AMES 12-086 (LA65)

(RNC013) (16 JUL 75)

REFERENCE DATA

SREF = .6308 SQ.FT. XMRP = 7.3816 IN. XB
 LREF = 8.7615 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 35.000
 FILSMP = 70.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 69/ 0 RN/L = 7.97

PN/F	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.001	-2.260	.0000	-.09300	.00690	-.09270	.01060	-8.74560	.00510	.00030	.00040	-.00080
7.987	-1.100	.0000	-.04980	.00840	-.04950	.00932	-5.32400	-.00020	.00030	.00050	-.00090
7.991	.040	.0000	-.00630	.00900	-.00630	.00897	-.70100	-.00470	.00030	.00050	-.00090
7.992	1.200	.0000	.03790	.00940	.03780	.00918	4.11250	-.01000	.00030	.00060	-.00090
7.985	2.370	.0000	.08390	.00690	.08350	.01034	8.08030	-.01510	.00030	.00060	-.00120
7.990	3.510	.0000	.12700	.00440	.12640	.01219	10.37200	-.01920	.00020	.00060	-.00130
7.975	4.610	.0000	.16950	.00100	.16990	.01459	11.57300	-.02330	.00030	.00050	-.00130
7.968	6.980	.0000	.26900	-.00960	.26820	.02318	11.56700	-.03360	.00010	.00070	-.00160
7.964	9.190	.0000	.35990	-.02250	.35890	.03529	10.17000	-.04320	.00010	.00110	-.00200
7.954	11.540	.0000	.46990	-.03330	.46700	.06139	7.60720	-.05800	.00020	.00180	-.00300
7.953	13.870	.0000	.57690	-.03110	.56740	.10809	5.24940	-.07610	.00110	.00170	-.00330
7.950	15.260	.0000	.68900	-.03250	.66950	.16135	4.11980	-.09150	.00040	.00080	-.00250
7.955	18.620	.0000	.80300	-.03480	.77260	.22361	3.45510	-.10560	.00090	.00080	-.00270
7.954	21.000	.0000	.89290	-.04090	.84820	.28180	3.00980	-.11240	.00030	.00120	-.00360
7.957	23.090	.0000	.94420	-.04260	.86530	.33111	2.67370	-.11630	.00210	.00110	-.00440
7.957	25.210	.0100	.98180	-.04420	.90710	.37820	2.39850	-.12050	.00450	.00070	-.00440
7.942	27.340	.0100	1.01550	-.04350	.92210	.42783	2.15530	-.12670	.00240	.00060	-.00460

REFERENCE DATA
 SREF = .5308 SQ.FT. XMRP = 7.3816 IN. XB
 LREF = 8.7616 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .080 LESWP = 35.000
 FILSWP = 70.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 71/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.985	-2.060	.00030	.00040	.00290	261.00000
3.986	-1.040	.00030	.00040	.00290	260.00000
3.978	.090	.00030	.00060	.00300	260.00000
3.985	1.150	.00040	.00070	.00290	261.00000
3.992	2.240	.00030	.00080	.00300	261.00000
3.982	3.290	.00020	.00060	.00300	261.00000
3.973	4.340	.00020	.00050	.00310	262.00000
3.991	5.460	.00020	.00050	.00300	263.00000
3.989	6.490	.00020	.00050	.00310	263.00000
3.990	8.620	.00030	.00090	.00300	263.00000
3.970	10.820	.00050	.00110	.00300	263.00000
3.997	13.040	.00090	.00060	.00300	263.00000
3.980	15.130	.00090	.00080	.00300	262.00000
3.973	17.290	.00030	.00100	.00390	262.00000
3.976	19.490	.00030	.00110	.00430	262.00000
3.931	21.590	-.00120	.00200	.00540	263.00000
3.979	23.630	.00190	.00070	.00740	263.00000
3.974	25.670	.00220	.00000	.00950	262.00000

RUN NO. 70/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.947	-2.100	.00030	.00040	.00290	388.00000
5.948	-1.060	.00030	.00040	.00300	388.00000
5.943	.030	.00030	.00050	.00310	388.00000
5.942	1.190	.00030	.00050	.00310	389.00000
5.950	2.260	.00030	.00060	.00310	391.00000
5.951	3.490	.00030	.00070	.00300	390.00000
5.942	4.470	.00020	.00070	.00320	390.00000
5.948	6.710	.00030	.00080	.00320	391.00000
5.933	8.900	.00040	.00120	.00320	390.00000
5.946	11.160	.00070	.00170	.00330	391.00000
5.940	13.370	.00100	.00100	.00370	391.00000
5.939	15.670	.00090	.00080	.00370	391.00000
5.935	17.930	-.00050	.00120	.00400	391.00000
5.940	20.100	-.00080	.00080	.00400	393.00000
5.940	22.360	.00020	.00050	.00590	393.00000
5.948	24.460	.00340	-.00120	.00800	394.00000
5.943	26.540	.00250	-.00080	.01020	394.00000

REFERENCE DATA
 SREF = .6308 50.FT. XMRP = 7.3816 IN. XB
 LREF = 8.7616 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .080 LESWP = 35.000
 FILSMP = 70.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GR1TNO = 120.000

RUN NO. 69/ 0 FN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.001	-2.250	.0030	.0040	.00300	520.00000
7.987	-1.100	.0030	.0050	.00310	519.00000
7.991	.040	.0030	.0050	.00290	520.00000
7.992	1.200	.0030	.0060	.00310	521.00000
7.985	2.370	.0030	.0060	.00300	521.00000
7.980	3.510	.0030	.0060	.00300	520.00000
7.975	4.610	.0030	.0050	.00310	520.00000
7.959	6.980	.0020	.0070	.00310	520.00000
7.964	9.190	.0030	.0110	.00320	520.00000
7.963	11.540	.0050	.0170	.00330	521.00000
7.956	13.870	.0150	.0140	.00350	521.00000
7.955	16.260	-.0020	.0090	.00380	521.00000
7.954	18.620	.0010	.0050	.00400	522.00000
7.954	21.000	.0010	.0130	.00480	522.00000
7.937	23.090	.0020	.0020	.00520	520.00000
7.957	25.210	.0040	-.00130	.00350	524.00000
7.942	27.340	.00250	-.00060	.01100	522.00000

REFERENCE DATA PARAMETRIC DATA

SREF = .6003 SQ.FT. XMRP = 6.2674 IN. XB T/C = .080 LESWP = 35.000
 LREF = 8.0421 INCHES YMRP = .0000 IN. YB FIL:IP = 65.000 TESWP = 20.000
 BREF = 17.1135 INCHES ZMRP = .0000 IN. ZB BETA = .000 MACH = .300
 SCALE = .0000 GRITNG = 120.000

RUN NO. 74 / 0 RN/L = 3.96

PN:FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.973	-2.100	.0000	-.09260	.00750	-.09220	.01100	-8.38540	.00070	-.00020	-.00060	.00180
3.969	-1.040	.0000	-.05150	.00880	-.05130	.00971	-5.28530	-.00340	-.00030	-.00060	.00200
3.971	.040	.0000	-.00870	.00950	-.00870	.00945	-.91920	-.00550	-.00020	-.00050	.00220
3.952	1.140	.0000	.03460	.00880	.03440	.00949	3.62240	-.01020	-.00020	-.00050	.00240
3.953	2.260	.0000	.07890	.00750	.07860	.01063	7.38810	-.01330	-.00030	-.00050	.00230
3.959	3.330	.0000	.12340	.00520	.12490	.01249	10.00500	-.01610	-.00040	-.00050	.00250
3.967	4.330	.0000	.16800	.00290	.16720	.01573	10.63500	-.01930	-.00040	-.00050	.00240
3.973	6.570	.0000	.25900	.00080	.25800	.02286	11.28600	-.02530	-.00040	-.00050	.00220
3.969	8.720	.0000	.35100	-.01680	.34930	.03458	10.11600	-.03100	-.00050	-.00050	.00230
3.977	10.930	.0000	.46750	-.02470	.46330	.06433	7.21010	-.04480	-.00010	-.00030	.02540
3.966	13.120	.0000	.56320	-.02240	.55940	.10739	5.20940	-.05900	-.00030	-.00060	.00240
3.962	15.290	.0000	.66720	-.02100	.65120	.15065	4.33990	-.06870	-.00030	-.00050	.00220
3.960	17.490	.0000	.75750	-.03280	.73270	.19531	3.73260	-.07470	-.00060	-.00090	.00350
3.950	19.590	.0000	.82000	-.03770	.78600	.23373	3.27970	-.07650	-.00150	-.00100	.00350
3.953	21.730	.0000	.86400	-.03960	.83590	.29339	2.87950	-.08330	-.00310	-.00090	.00500
3.959	23.790	.0000	.93150	-.04110	.86830	.33807	2.57030	-.08900	-.00110	-.00090	.00360
3.952	25.690	.0000	.97530	-.04110	.89540	.36891	2.30290	-.09660	-.00070	-.00050	.00170

RUN NO. 73 / 0 RN/L = 5.97

PN:FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.985	-2.190	.0000	-.09970	.00720	-.09930	.01098	-9.04240	.00070	-.00020	-.00040	.00160
5.984	-1.190	.0000	-.05570	.00860	-.05350	.00963	-5.76590	-.00310	-.00020	-.00020	.00130
5.984	.030	.0000	-.00920	.00920	-.00920	.00922	-.99820	-.00710	-.00020	-.00030	.00140
5.989	1.170	.0000	.03470	.00650	.03450	.00925	3.73840	-.01000	-.00030	-.00020	.00150
5.987	2.340	.0000	.08290	.00590	.08250	.01032	7.98210	-.01360	-.00020	-.00020	.00120
5.975	3.450	.0000	.12620	.00450	.12620	.01215	10.38500	-.01600	-.00030	-.00020	.00130
5.984	4.530	.0000	.17250	.0010	.17180	.01480	11.61300	-.01910	-.00030	-.00010	.00110
5.973	6.730	.0000	.26720	-.00890	.26530	.02226	11.64900	-.02490	-.00030	-.00010	.0010
5.973	9.150	.0000	.37100	-.02300	.37000	.02578	10.34100	-.03110	-.00030	-.00010	.00090
5.979	11.390	.0000	.47710	-.03480	.47480	.03405	7.91640	-.04120	-.00030	-.00050	.00060
5.979	13.150	.0000	.58370	-.03790	.57110	.03947	5.19290	-.05120	-.00060	-.00020	.00050
5.976	15.630	.0000	.67190	-.03140	.65430	.05375	4.25900	-.07090	-.00050	-.00020	.00060
5.976	18.150	.0000	.75610	-.03920	.74620	.05430	3.67300	-.07130	-.00480	-.00060	.00180
5.957	20.320	.0000	.83791	-.04440	.80020	.05331	3.19360	-.07360	-.00030	-.00030	.00090
5.972	22.450	.0000	.86940	-.04120	.81820	.09376	2.78930	-.08080	-.00060	-.00060	.00210
5.950	24.590	.0000	.91770	-.04270	.87220	.31315	2.48360	-.09070	-.00130	-.00030	.00170
5.974	26.720	.0000	.95970	-.04390	.89530	.33591	2.23260	-.10180	-.00180	-.00040	.00230

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LAGE5 TABULATED SOURCE DATA

PAGE 54

HTNG 11 75-65-0008

AMES 12-086 (LAB5)

(RNC014) (16 JUL 75)

REFERENCE DATA

SREF = .6003 SQ.FT. XMRP = 6.2674 IN. XB
 LREF = 8.0421 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 35.000
 FILSMP = 65.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 72/ 0 RN/L = 7.99

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.997	-2.320	.00000	-1.10110	.00690	-.10080	.01096	-9.18940	.00010	.00000	-.00020	.00110
8.001	-1.150	.00000	-.05660	.00840	-.05640	.00956	-5.90250	-.00320	.00000	-.00020	.00090
7.974	.020	.00000	-.01010	.00900	-.01010	.00904	-1.11350	-.00680	.00010	-.00020	.00140
7.977	1.220	.00000	.03720	.00860	.03700	.00943	3.92280	-.01050	.00020	-.00020	.00130
7.971	2.390	.00000	.08520	.00580	.08480	.01036	8.18980	-.01390	.00030	-.00020	.00130
7.981	3.550	.00000	.13100	.00430	.13050	.01239	10.53000	-.01620	.00020	-.00020	.00120
7.969	4.730	.00000	.18130	.00040	.18060	.01532	11.79300	-.02000	.00030	-.00020	.00110
7.984	7.110	.00000	.28350	-.01110	.28270	.02408	11.73800	-.02640	.00030	-.00020	.00110
7.956	9.430	.00000	.38440	-.02660	.38360	.03676	10.43400	-.03230	.00020	-.00030	.00190
7.994	11.850	-.01000	.49370	-.04130	.49170	.06091	8.07270	-.04120	.00050	-.00070	.00070
7.995	14.230	.00000	.60420	-.03890	.59520	.11083	5.37050	-.05960	.00240	.00150	-.00150
7.992	16.560	.00000	.67970	-.03450	.66160	.15951	4.14770	-.07410	.00180	.00010	.00050
7.932	18.730	.00000	.74240	-.03920	.71570	.20126	3.55630	-.07400	.00030	-.00010	.00100
7.995	21.070	.01000	.80000	-.04060	.78120	.24942	3.05190	-.07650	.00410	-.00070	-.00050
7.955	23.150	.00000	.85700	-.04160	.80430	.29888	2.69100	-.08550	.00130	-.00060	.00010
7.995	25.410	.00000	.92510	-.04430	.85460	.35693	2.39440	-.09700	.00090	-.00050	-.00050
7.978	27.600	.00000	.98120	-.04700	.89130	.41286	2.15890	-.10790	-.00010	-.00030	-.00040

REFERENCE DATA

SREF = .6033 FT. XMRP = 6.2674 IN. XB
 LREF = 8.0421 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSMP = 65.000 YESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 74 / 0 RN/L = 3.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.973	-2.100	-.00020	-.00060	.00360	260.00000
3.969	-1.040	-.00030	-.00060	.00360	260.00000
3.971	1.040	-.00020	-.00050	.00360	230.00000
3.962	1.140	-.00030	-.00050	.00360	259.00000
3.963	2.260	-.00040	-.00050	.00360	261.00000
3.969	3.330	-.00040	-.00040	.00360	261.00000
3.967	4.390	-.00040	-.00050	.00360	261.00000
3.973	6.570	-.00050	-.00040	.00370	262.00000
3.969	8.720	-.00040	-.00040	.00370	262.00000
3.957	10.920	-.00020	-.00050	.00390	262.00000
3.965	13.120	-.00040	-.00050	.00340	262.00000
3.962	15.200	-.00040	-.00050	.00430	261.00000
3.960	17.480	-.00030	-.00110	.00490	261.00000
3.950	19.590	-.00180	-.00040	.00570	260.00000
3.952	21.720	-.00330	-.00030	.00680	260.00000
3.958	23.790	-.00130	-.00040	.00920	262.00000
3.952	25.890	-.00050	-.00070	.01120	261.00000

RUN NO. 73 / 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.985	-2.190	-.00020	-.00040	.00370	391.00000
5.984	-1.100	-.00020	-.00020	.00360	392.00000
5.984	1.030	-.00020	-.00030	.00350	333.00000
5.988	1.170	-.00030	-.00020	.00370	394.00000
5.987	2.340	-.00030	-.00020	.00380	394.00000
5.975	3.450	-.00030	-.00010	.00360	393.00000
5.964	4.540	-.00030	-.00010	.00380	392.00000
5.973	5.790	-.00030	-.00010	.00390	334.00000
5.979	9.150	-.00020	-.00010	.00380	395.00000
5.979	11.380	-.00040	-.00040	.00380	395.00000
5.979	13.650	-.00030	-.00030	.00410	397.00000
5.966	15.890	-.00050	-.00020	.00450	395.00000
5.965	18.150	-.00080	-.00100	.00520	395.00000
5.967	20.390	-.00010	-.00030	.00530	395.00000
5.972	22.460	-.00070	-.00030	.00620	397.00000
5.950	24.540	-.00130	-.00020	.01060	394.00000
5.944	26.720	-.00180	-.00050	.01200	394.00000

ORIGINAL PAGE IS OF POOR QUALITY

DATE 20 FEB 76

1 A65 TABULATED SOURCE DATA

PAGE 56

WING 11 35-65-0008

AMES 12-086 (LACJ)

(ANCO14) (16 JUL 75)

REFERENCE DATA

SREF = .6003 SQ.FT. XMRP = 6.2674 IN. XB
 LREF = 8.0421 INCHES YMRP = .0000 IN. YB
 DREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 65.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 72/ 0 RN/L = 7.99

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.997	-2.320	.00000	-.00020	.00370	517.00000
8.001	-1.150	.00000	-.00020	.00380	518.00000
7.974	.020	-.00010	-.00020	.00370	516.00000
7.977	1.220	-.00020	-.00020	.00360	517.00000
7.971	2.390	-.00030	-.00020	.00370	517.00000
7.981	3.560	-.00020	-.00020	.00370	519.00000
7.989	4.730	-.00030	-.00020	.00380	520.00000
7.984	7.110	-.00030	-.00010	.00400	521.00000
7.993	9.420	-.00030	-.00030	.00350	524.00000
7.994	11.850	.00060	.00060	.00390	524.00000
7.995	14.230	.00270	.00080	.00420	524.00000
7.982	16.460	.00170	-.00040	.00490	523.00000
7.992	18.730	-.00030	.00000	.00580	525.00000
7.996	21.050	.00360	-.00210	.00760	526.00000
7.988	23.160	.00090	-.00110	.00940	526.00000
7.995	25.410	.00050	-.00090	.01080	527.00000
7.978	27.600	-.00030	-.00030	.01290	526.00000

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LASS TABULATED SOURCE DATA

PAGE 57

WING 11 35-60-0008

AMES 12-086 (LA65)

(RNC015) (16 JUL 75)

REFERENCE DATA

SREF = 5794 50.FT. XMRP = 5.4870 IN. XB
 LREF = 7.5721 INCHES YMRP = .0000 IN. YB
 BREF = 13.1175 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 77/ 0 RN/L = 4.49

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	LAL	CYN	CY
4.465	-2.050	.0000	-.08630	.00850	-.08600	.01154	-7.45190	.00090	-.00030	.00050	.00290
4.519	-1.040	.0000	-.04490	.01010	-.04470	.01096	-4.07720	-.00210	-.00020	.00060	.00300
4.477	.050	.0000	-.00040	.01030	-.00050	.01032	-.04420	-.00480	-.00030	.00070	.00290
4.504	1.150	.0000	.04360	.01000	.04340	.01092	3.97420	-.00740	-.00040	.00070	.00270
4.495	2.190	.0000	.08550	.00990	.08610	.01205	7.14280	-.00960	-.00030	.00070	.00250
4.501	3.190	.0000	.13430	.00620	.13370	.01391	9.61640	-.01100	-.00040	.00070	.00230
4.505	4.340	.0000	.17290	.00350	.17210	.01656	10.39400	-.01250	-.00050	.00080	.00190
4.481	6.470	.0000	.26530	.00000	.26430	.02392	11.05000	-.01620	-.00040	.00080	.00160
4.488	8.560	.0000	.35680	-.01830	.35660	.03496	10.17100	-.01980	-.00070	.00070	.00150
4.486	10.700	.0000	.45670	-.02690	.45410	.05650	8.03730	-.02590	-.00010	.00010	.00250
4.493	12.640	.0000	.56310	-.02950	.56560	.08635	5.76670	-.04000	.00080	.00080	.00080
4.502	14.920	.0000	.62530	-.02340	.61170	.13033	4.41170	-.05020	-.00110	.00040	.00180
4.498	16.910	.0000	.64580	-.01120	.62110	.17718	3.56560	-.06710	-.00270	.00060	.00060
4.503	18.990	.0000	.70720	-.01070	.67220	.21986	3.05740	-.07960	-.00170	.00060	.00020
4.488	21.030	.0000	.77170	-.01040	.72380	.26793	2.70130	-.09370	-.00200	.00040	.00060
4.493	23.160	-.0100	.80390	-.00930	.74190	.30712	2.41550	-.10140	-.00110	.00160	.00120
4.486	25.140	-.0100	.81580	-.00700	.74150	.34022	2.17940	-.10720	-.00140	.00060	.00340

PARAMETRIC DATA

T/C = .080
 FILSWP = 60.000
 BETA = .000
 GRITNO = 120.000
 LESWP = 35.000
 TESWP = 20.000
 MACH = .300

RUN NO. 76/ 0 RN/L = 5.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.005	-2.080	.0000	-.08820	.00800	-.08780	.01122	-7.82970	.00100	-.00010	.00030	.00180
5.996	-1.040	.0000	-.04590	.00950	-.04570	.01031	-4.43080	-.00240	-.00020	.00040	.00190
6.013	.030	.0000	-.00450	.01000	-.00450	.01001	-.44870	-.00460	-.00020	.00040	.00170
5.990	1.140	.0000	.04230	.00920	.04210	.01005	4.19080	-.00920	-.00040	.00050	.00250
5.983	2.240	.0000	.08960	.00780	.08930	.01126	7.83620	-.00920	-.00040	.00040	.00230
5.977	3.360	.0000	.13390	.00550	.13330	.01329	10.03400	-.01090	-.00040	.00040	.00230
5.988	4.440	.0000	.17950	.00240	.17480	.01597	11.01400	-.01290	-.00040	.00040	.00240
5.968	6.610	.0000	.27000	-.00740	.26910	.02379	11.30900	-.01590	-.00050	.00040	.00210
5.967	8.750	.0000	.37940	-.02180	.36940	.03500	10.55400	-.02060	-.00060	.00040	.00170
5.968	10.960	.0000	.46560	-.03570	.46770	.05474	8.54490	-.02350	-.00080	.00110	.00350
5.956	13.170	.0000	.57960	-.04110	.57370	.09205	6.23240	-.03820	-.00280	.00110	.00510
5.950	15.310	.0000	.65830	-.02750	.64220	.14729	4.36000	-.05800	-.00210	.00010	.00080
5.958	17.420	.0000	.71020	-.02690	.68450	.19069	3.58960	-.07180	-.00040	.00070	.00080
5.960	19.440	.0000	.72870	-.01630	.69250	.22739	3.04560	-.08130	-.00170	.00050	.00170
5.958	21.530	.0000	.78000	-.01550	.73130	.27184	2.69010	-.09050	-.00130	.00050	.00040
5.966	23.620	.0000	.81490	-.01210	.75150	.31539	2.32260	-.10350	-.00190	.00110	.00180
5.970	25.600	.0000	.82160	-.00910	.74490	.34682	2.14780	-.11000	-.00040	.00090	.00130

DATE 20 FEB 76

LAB55 TABULATED SOURCE DATA

PAGE 58

WING 11 35-60-0008

AMES 12-086 (LAB55)

(RNC015) (16 JUL 75)

REFERENCE DATA

SREF = .5794 SQ.FT. XMRP = 5.4870 IN. XB
 LRF = 7.5721 INCHES YMRP = .0000 IN. YB
 BRF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

T/C = .080 LESWP = 35.000
 FILSWP = 60.000 TESWP = 20.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

PARAMETRIC DATA

RUN NO. 75/ 0 RN/L = 7.83

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.832	-2.190	.0000	-.09260	.00760	-.09220	.01109	-8.32040	.00020	-.00030	.00020	.00180
7.852	-1.100	-.01000	-.04950	.00920	-.04930	.01010	-4.87390	-.00240	-.00030	.00030	.00220
7.860	.030	-.01000	-.00270	.00950	-.00270	.00951	-.28180	-.00530	-.00020	.00030	.00210
7.846	1.160	-.01000	.04520	.00910	.04500	.01000	4.49840	-.00770	-.00040	.00030	.00200
7.850	2.290	-.01000	.09080	.00760	.09040	.01117	8.08980	-.00980	-.00030	.00030	.00180
7.852	3.420	-.01000	.13730	.00500	.13670	.01315	10.40100	-.01130	-.00040	.00030	.00180
7.852	4.510	.00000	.18560	.00130	.18430	.01590	11.62500	-.01370	-.00040	.00030	.00150
7.836	6.800	.00000	.28760	-.00560	.28680	.02452	11.69500	-.01750	-.00040	.00040	.00120
7.826	11.330	.00000	.49300	-.02410	.49150	.03655	10.48700	-.02070	-.00070	.00030	.00170
7.831	13.590	.00000	.60620	-.04520	.60590	.05648	8.70190	-.02570	-.00090	-.00130	.00410
7.827	15.750	.00000	.68340	-.03210	.68240	.09851	6.08880	-.04070	-.00390	.00710	.00710
7.822	17.950	.00000	.73450	-.02600	.73350	.15462	4.31000	-.06230	-.00250	-.00020	.00140
7.824	20.060	-.01000	.77710	-.02150	.77680	.20169	3.50420	-.07710	-.00130	.00100	-.00070
7.821	21.970	.00000	.77770	-.01890	.77630	.24638	2.99240	-.09510	-.00180	.00190	-.00230
7.819	24.020	-.01000	.82150	-.01990	.82040	.27251	2.67390	-.09600	-.00150	.00210	-.00480
7.837	26.080	-.01000	.84420	-.01700	.84370	.31626	2.39810	-.10110	-.00140	.00160	-.00200
						.35597	2.15110	-.10800	-.00210	.00240	-.00050

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 59

WING 11 35-60-0008 AMES 12-086 (LA65) (ANC015) (16 JUL 75)

REFERENCE DATA

SPEF = .5794 SQ.FT. XMRP = 5.4870 IN. X8
 LREF = 7.5721 INCHES YMRP = .0000 IN. Y8
 SREF = 13.1135 INCHES ZMRP = .0000 IN. Z8
 SCALE = .0000

RUN NO. 77/ 0 RN/L = 4.49

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 60.000 TCSWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
4.465	-2.050	-.0030	.00050	.00310	260.00000
4.519	-1.040	-.0030	.00050	.00200	266.00000
4.497	.050	-.0030	.00070	.00270	264.00000
4.504	1.150	-.0040	.00070	.00240	265.00000
4.495	2.190	-.0030	.00070	.00250	264.00000
4.501	3.300	-.0030	.00080	.00240	265.00000
4.505	4.340	-.0040	.00080	.00240	266.00000
4.481	6.470	-.0030	.00090	.00250	263.00000
4.488	8.560	-.0030	.00080	.00280	265.00000
4.486	10.700	-.0090	.00000	.00280	264.00000
4.473	12.840	-.0030	.00090	.00280	265.00000
4.502	14.920	-.0030	.00060	.00310	267.00000
4.498	16.910	-.0030	.00040	.00440	266.00000
4.503	18.990	-.00180	.00000	.00350	267.00000
4.488	21.090	-.00200	-.00030	.00730	265.00000
4.433	23.160	-.00540	-.00190	.00890	266.00000
4.486	25.140	-.00100	.00110	.01130	255.00000

RUN NO. 76/ 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
6.005	-2.080	-.00110	.00030	.00260	395.00000
5.996	-1.040	-.00220	.00040	.00270	395.00000
6.013	.030	-.0020	.00040	.00270	396.00000
5.990	1.140	-.0030	.00050	.00270	395.00000
5.983	2.240	-.0030	.00040	.00280	394.00000
5.977	3.360	-.0040	.00040	.00270	394.00000
5.988	4.400	-.0040	.00050	.00260	396.00000
5.958	6.630	-.0040	.00050	.00240	394.00000
5.957	8.790	-.0050	.00050	.00280	394.00000
5.958	10.950	-.01100	.00090	.00260	394.00000
5.956	13.170	-.00330	-.00150	.00300	393.00000
5.950	15.310	-.00200	.00070	.00350	393.00000
5.958	17.420	-.00050	.00050	.00430	394.00000
5.950	19.440	-.00400	-.00090	.00630	395.00000
5.958	21.530	-.00100	-.00050	.00750	395.00000
5.956	23.620	-.00130	-.00180	.00947	396.00000
5.970	25.600	-.00000	.00100	.01180	397.00000

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L655 TABULATED SOURCE DATA

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WING 11 35-60-0008

AMES 12-086 (L655)

(ANC015) (16 JUL 75)

REFERENCE DATA

SREF = .5794 SQ.FT. XMRP = 5.4870 IN. XB
 LREF = 7.5721 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 75/ 0 RN/L = 7.83

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSHP = 60.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(P5F1)
7.832	-2.190	-.0030	-.0020	.00310	500.00000
7.852	-1.100	-.0030	-.0020	.00320	504.00000
7.860	.030	-.00020	.00030	.00330	506.00000
7.846	1.100	-.00040	.00030	.00330	505.00000
7.850	2.290	-.00030	.00030	.00330	506.00000
7.852	3.420	-.00040	.00030	.00320	507.00000
7.852	4.510	-.00040	.00030	.00330	508.00000
7.836	6.800	-.00030	.00040	.00320	506.00000
7.836	9.030	-.00060	.00040	.00310	507.00000
7.826	11.330	-.00110	-.00110	.00330	505.00000
7.831	13.590	-.00450	-.00190	.00350	508.00000
7.827	15.750	-.00240	.00050	.00430	508.00000
7.822	17.950	-.00100	.00130	.00440	509.00000
7.824	20.060	-.00100	.00240	.00670	510.00000
7.821	21.900	-.00220	.00140	.00920	510.00000
7.819	24.020	-.00070	.00210	.01120	511.00000
7.837	26.080	-.00090	.00310	.01230	513.00000

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L A65 TABULATED SOURCE DATA

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(RNC016) (16 JUL 75)

AMES 12-086 (LA65)

WING 11 35-55-0008

REFERENCE DATA

SREF = .5641 50.FT. XMRP = 4.9014 IN. XB
 LREF = 7.2383 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FILSWP = 55.000 TESWP = 20.000
 BETA = .000 MACII = .300
 GRITNO = 120.000

RUN NO. 80 / J RN/L = 3.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.922	-2.050	-.01000	-.08140	.01050	-.03240	.01349	-5.99810	-.00260	.00060	.00140	.00340
3.926	-.880	-.01000	-.03260	.01210	-.03240	.01262	-2.56930	-.00480	.00060	.00160	.00350
3.926	.080	-.01000	.01010	.01240	.01710	.01242	.81530	-.00740	.00060	.00150	.00310
3.926	1.160	-.01000	.02280	.01200	.05250	.01310	4.00550	-.00850	.00050	.00160	.00350
3.919	2.190	-.01000	.09980	.01030	.09940	.01407	7.06390	-.01090	.00040	.00130	.00450
3.914	3.280	-.01000	.14850	.00760	.14780	.01613	9.16420	-.01150	.00040	.00130	.00470
3.914	4.410	-.01000	.19530	.00420	.19440	.01919	10.13000	-.01130	.00030	.00140	.00430
3.923	6.550	-.01000	.28850	-.00530	.28720	.02760	10.40500	-.01320	.00020	.00130	.00430
3.921	8.630	-.01000	.38430	-.01650	.38270	.03923	9.75340	-.01570	.00020	.00140	.00400
3.921	10.760	-.01000	.49310	-.02990	.49000	.06277	7.80640	-.02040	.00010	.00100	.00550
3.916	12.880	-.01000	.60330	-.02520	.59390	.10931	5.43330	-.03780	-.00080	.00040	.00490
3.907	15.070	-.01000	.67890	-.02830	.66150	.15368	4.28830	-.05120	-.00080	.00120	.00430
3.911	17.110	-.01000	.79370	-.01650	.71090	.20138	3.52990	-.06960	.00340	.00040	.00410
3.903	19.160	-.01000	.86350	-.01670	.75170	.24352	3.08680	-.07940	.00340	-.00020	.00410
3.896	21.140	-.00000	.86350	-.01270	.75960	.28010	2.71190	-.09050	.00180	-.00060	.00410
3.906	23.290	-.00000	.81280	-.03800	.74970	.31395	2.38810	-.09870	-.00190	-.00020	.00480
3.897	25.200	-.01000	.84580	-.00550	.76760	.35513	2.16150	-.10980	-.00100	.00070	.00670

RUN NO. 79 / J RN/L = 5.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.923	-2.100	.00000	-.09550	.00770	-.09510	.01123	-8.47440	-.00230	.00050	.00090	-.00340
5.916	-1.040	.00000	-.05070	.00910	-.05030	.01006	-5.02120	-.00500	.00060	.00090	-.00350
5.913	.050	.00000	-.00510	.00960	-.00510	.00959	-.53490	-.00640	.00040	.00100	-.00370
5.918	1.200	.00000	.04500	.00890	.04490	.00982	4.56060	-.00850	.00040	.00100	-.00390
5.914	2.270	.00000	.09060	.00800	.09020	.01157	7.79480	-.01050	.00040	.00100	-.00400
5.900	3.420	.00000	.13950	.00500	.13930	.01330	10.47000	-.01080	.00030	.00110	-.00420
5.903	4.470	.00000	.18570	-.01150	.18500	.01601	11.62200	-.01210	.00030	.00090	-.00340
5.899	6.560	.00000	.28250	-.00870	.28150	.02410	11.62700	-.01420	.00020	.00110	-.00390
5.915	8.630	.00000	.38740	-.02420	.38550	.03500	10.73700	-.01540	.00010	.00100	-.00370
5.925	11.110	.00000	.49500	-.03970	.49500	.05559	8.73150	-.01960	-.00010	.00030	-.00220
5.931	13.360	.00000	.61020	-.03220	.60110	.10953	5.42310	-.03780	-.00040	.00080	-.00250
5.913	15.450	.00000	.69280	-.02570	.65500	.15718	4.23060	-.05480	.00090	.00100	-.00280
5.916	17.560	.01000	.73470	-.02440	.70720	.20030	3.53070	-.06890	.00040	.00040	-.00440
5.900	19.700	.00000	.79700	-.02440	.75860	.24576	3.08680	-.07910	.00050	.00050	-.00320
5.897	21.700	.00000	.82560	-.02070	.77190	.28500	2.70850	-.08380	.00040	.00030	-.00240
5.909	23.750	.00000	.83530	-.01850	.76760	.31716	2.42020	-.09530	.00040	.00040	-.00250
5.903	25.810	.00000	.85030	-.01940	.77400	.35269	2.19450	-.09940	.00070	.00090	-.00200

ORIGINAL PAGE IS OF POOR QUALITY

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LAGE5 TABULATED SOURCE DATA

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WING 11 35-55-0008

AMES 12-086 (LA65)

(RNCC:15) (16 JUL 75)

REFERENCE DATA

SREF = .5641 SQ.FT. XMRP = 4.9014 IN. XB
 LREF = 7.2383 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 78/ 0 RN/L = 7.95

PARAMETRIC DATA

T/C = .080 LESWP = 35.000
 FLSWP = 55.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.958	-2.160	.0000	-.09950	.00780	-.09910	.01152	-8.59960	-.00240	.00040	.00060	-.00260
7.949	-1.120	.0000	-.05670	.00940	-.05650	.01049	-5.38570	-.00500	.00030	.00060	-.00280
7.955	.030	.0000	-.00650	.01000	-.00650	.00998	-.65390	-.00650	.00040	.00060	-.00280
7.956	1.170	.0000	.04190	.00930	.04170	.01017	4.10380	-.00890	.00040	.00060	-.00240
7.955	2.280	.0000	.08220	.00770	.08790	.01123	7.82250	-.00980	.00030	.00070	-.00270
7.959	3.450	.0000	.14010	.00500	.13960	.01342	10.39900	-.01140	.00020	.00070	-.00270
7.980	4.610	.0000	.19080	.00090	.19010	.01625	11.70000	-.01240	.00020	.00070	-.00280
7.973	5.930	.0000	.29620	-.01050	.29530	.02537	11.64200	-.01430	.00030	.00060	-.00300
7.960	9.210	.0000	.40090	-.02650	.40000	.03804	10.51700	-.01590	.00010	.00060	-.00200
7.957	11.490	.0000	.50520	-.04560	.50420	.05577	9.04000	-.01760	.00020	.00000	-.00110
7.945	13.810	.0000	.63030	-.05340	.62480	.08858	6.33800	-.02930	.00070	.00120	-.00260
7.939	16.040	.0000	.76460	-.03370	.66670	.15406	4.29780	-.03100	.00190	.00160	-.00600
7.915	20.270	.01000	.81190	-.02950	.77180	.25384	3.04040	-.08120	.00210	.00030	-.00330
7.898	22.260	.01000	.82430	.02630	.77730	.28895	2.68980	-.09130	.00310	-.00020	-.00320
7.925	24.300	.01000	.83210	-.02200	.76750	.32235	2.36080	-.09750	.00190	.00040	-.00520
7.940	26.350	.01000	.84580	-.02250	.76780	.35538	2.1E050	-.10120	.00280	.00050	-.00680

REFERENCE DATA

SREF = .5641 SQ.FT. XMRP = 4.9014 N. XB
 LREF = 7.2363 INCHES YMRP = .0000 N. YB
 BREF = 13.1125 INCHES ZMRP = .0000 N. ZB
 SCALE = .0000

RUN NO. 80/ 0 RN/L = 3.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.922	-2.050	.00050	.00140	.00370	261.00000
3.922	-.080	.00050	.00160	.00360	261.00000
3.926	.080	.00050	.00150	.00370	262.00000
3.926	1.150	.00050	.00160	.00370	262.00000
3.922	2.190	.00040	.00130	.00380	262.00000
3.919	3.280	.00040	.00130	.00370	262.00000
3.914	4.410	.00040	.00130	.00380	261.00000
3.923	6.550	.00040	.00120	.00380	262.00000
3.921	8.630	.00040	.00130	.00380	262.00000
3.921	10.760	.00010	.00020	.00390	262.00000
3.916	12.880	-.00060	.00110	.00420	262.00000
3.907	15.020	-.00050	.00140	.00460	261.00000
3.911	17.110	-.00330	-.00060	.00540	262.00000
3.903	19.170	.00310	-.00130	.00700	261.00000
3.899	21.140	.00140	-.00120	.00900	260.00000
3.906	23.290	-.00180	-.00050	.01120	261.00000
3.897	25.200	-.00070	.00100	.01330	260.00000

T/C = .080 LESMP = 35.000
 FILSMP = 55.000 TESMP = 20.000
 BETA = .000 MACH =
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 79/ 0 RN/L = 5.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.923	-2.100	.00050	.00090	.00380	396.00000
5.916	-1.040	.00060	.00090	.00360	395.00000
5.913	.050	.00040	.00100	.00380	395.00000
5.918	1.200	.00040	.00100	.00380	396.00000
5.914	2.270	.00040	.00100	.00360	396.00000
5.900	3.420	.00040	.00110	.00370	394.00000
5.903	4.470	.00030	.00090	.00370	395.00000
5.899	6.660	.00030	.00110	.00380	395.00000
5.915	8.890	.00020	.00090	.00390	397.00000
5.926	11.110	-.00010	.00030	.00380	399.00000
5.931	13.360	-.00020	.00090	.00420	400.00000
5.913	15.450	.00110	.00070	.00460	398.00000
5.916	17.560	.00520	-.00120	.00560	399.00000
5.900	19.700	.00240	-.00040	.00700	396.00000
5.897	21.700	.00140	-.00020	.00890	397.00000
5.928	23.750	.00120	-.00010	.01150	401.00000
5.903	25.810	.00100	.00050	.01340	398.00000

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LA65 TABULATED SOURCE DATA

PAGE 64

WING 11 35-55-0008 AMES 12-086 (LA65) (ANC016) (16 JUL 75)

REFERENCE DATA

SREF = .5641 SQ.FT. XMRP = 4.9014 IN. XB
 LREF = 7.2383 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 35.000
 FILSMP = 55.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 78/ 0 RN/L = 7.95

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.958	-2.160	.00040	.00060	.00370	522.00000
7.949	-1.120	.00030	.00070	.00370	522.00300
7.955	.030	.00040	.00060	.00360	523.00000
7.966	1.170	.00040	.00060	.00380	526.00000
7.955	2.280	.00030	.00060	.00370	525.00000
7.959	3.460	.00020	.00070	.00370	526.00000
7.980	4.610	.00030	.00060	.00390	530.00000
7.973	6.530	.00040	.00060	.00390	529.00000
7.960	9.210	.00010	.00060	.00370	529.00000
7.957	11.490	.00020	.00060	.00380	530.00000
7.945	13.810	.00040	.00130	.00410	529.00000
7.949	16.020	.00230	.00100	.00480	528.00000
7.916	20.270	.00210	.00040	.00710	528.00000
7.939	22.260	.00360	.00140	.00920	526.00000
7.925	24.300	.00190	.00040	.01220	531.00000
7.913	26.350	.00270	.00080	.01390	534.00000

REFERENCE DATA

SREF = 5424 SO. FT. XMRP = 4 0595 IN. XB
 LREF = 6.789 INCHES YMRP = 0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = 0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 35.000
 FILSMP = 45.000 TESMP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PUN NO. 82/ 0 RN/L = 5.92

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.935	-2.150	.00000	-1.10440	.00690	-1.10400	.01084	-9.59580	-.00730	.00040	.00080	-.00240
5.923	-1.070	.00000	-.05660	.00810	-.05650	.00919	-6.14790	-.00820	.00040	.00080	-.00230
5.925	.030	.00000	-.00810	.00890	-.00810	.00888	-.91670	-.00940	.00040	.00080	-.00240
5.917	1.180	.00000	.04250	.00820	.04240	.00911	4.65020	-.00990	.00040	.00090	-.0025
5.925	2.300	.00000	.09330	.00650	.09290	.01031	9.01520	-.01050	.00040	.00090	-.00270
5.911	3.320	.00000	.14110	.00370	.14050	.01199	11.72400	-.01030	.00040	.00100	-.00260
5.912	4.520	.00000	.19300	.00010	.18840	.01497	12.59000	-.00980	.00040	.00100	-.00290
5.913	6.730	.00000	.28960	-.01070	.28890	.02328	12.40800	-.00850	.00040	.00100	-.00290
5.914	9.030	.00000	.40190	-.02780	.40130	.03537	11.34700	-.00760	.00040	.00110	-.00330
5.915	11.270	.00000	.51560	-.04540	.51460	.05526	9.14570	-.00740	.00040	.00320	-.00720
5.917	13.550	.00000	.63170	-.04790	.62530	.10147	6.16250	-.01860	.00340	.00410	-.00940
5.918	15.700	.00000	.71230	-.03680	.69570	.15732	4.42230	-.04100	.00330	.03170	-.00560
5.923	17.790	.00000	.76260	-.02460	.73370	.20959	3.50040	-.06270	.00140	.00100	-.00440
5.907	19.810	.00000	.79630	-.01900	.75620	.25223	2.99880	-.08070	.00030	.00030	-.00330
5.925	21.880	.02000	.80920	-.01560	.75730	.28724	2.63660	-.09120	.00850	.00040	-.00840
5.918	23.500	.01000	.81950	-.01120	.75290	.32133	2.34300	-.09200	.00310	.00030	-.00470
5.907	25.890	.00000	.82680	-.01080	.75030	.35220	2.13020	-.10280	.00030	.00010	-.00200

PUN NO. 81/ 0 RN/L = 7.83

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.857	-2.200	.00000	-1.10310	.00670	-1.10280	.01066	-9.64160	-.00850	.00030	.00050	-.00190
7.859	-1.130	.00000	-.05930	.00820	-.05910	.00933	-6.33400	-.00870	.00030	.00060	-.00200
7.847	-.010	.00000	-.01090	.00860	-.01090	.00863	-1.26400	-.00960	.00040	.00060	-.00200
7.838	1.180	.00000	.04310	.00820	.04290	.00909	4.72030	-.01070	.00030	.00060	-.00150
7.842	2.290	.00000	.09090	.00570	.08960	.01030	8.79360	-.01050	.00040	.00040	-.00120
7.833	3.500	.00000	.14350	.00350	.14300	.01238	11.55200	-.01050	.00030	.00050	-.00130
7.837	4.670	.00000	.19690	.00060	.19630	.01538	12.76400	-.00960	.00030	.00060	-.00140
7.829	6.980	.00000	.30390	-.01250	.30310	.02454	12.35400	-.00890	.00030	.00060	-.00170
7.839	9.340	.00000	.41860	-.03070	.41810	.03763	11.10800	-.00750	.00030	.00060	-.00140
7.843	11.700	.00000	.53060	-.04980	.52980	.05887	9.00000	-.00610	.00010	.00050	-.00650
7.825	14.080	.00000	.65470	-.05500	.64840	.10584	6.12650	-.01620	.00220	.00230	-.00580
7.811	16.320	.01000	.75510	-.04950	.74940	.16556	4.45980	-.04310	.00070	.00140	-.00700
7.789	18.400	.01000	.78300	-.03860	.76050	.21237	3.58200	-.06100	.00620	.00170	-.00860
7.806	20.420	.01000	.80680	-.02340	.76520	.26024	2.94410	-.08310	.00600	.00000	-.00460
7.809	22.400	.03000	.82010	-.02130	.76630	.29290	2.61620	-.09290	.00980	.00010	-.01100
7.815	24.500	.02000	.83830	-.01750	.77010	.33170	2.32160	-.10010	.00480	.00100	-.01650
7.816	26.430	.02000	.82140	-.01130	.74050	.35553	2.08280	-.10300	.00170	.00100	-.01010

WING 11 35-45-0008

AMES 12-086 (LAB5)

(ANCO17) (16 JUL 75)

REFERENCE DATA

SREF = .5424 SQ.FT.
 LREF = 6.7894 INCHES
 BPEF = 13.1135 INCHES
 SCALE = .0000

XMRP = 4.0595 IN. XB
 YMRP = .0000 IN. YB
 ZMRP = .0000 IN. ZB

PARAMETRIC DATA

T/C = .080
 F/LSWP = 45.000
 BETA = .000
 GRITNO = 120.000

LESWP = 35.000
 TESWP = 20.000
 MACH = .300

RUN NO. 82/ 0 RN/L = 5.92

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
5.336	-2.150	.00040	.000P0	.00440	401.00000
5.923	-1.070	.00040	.00080	.00450	399.00000
5.925	.030	.00040	.00080	.00460	400.00000
5.917	1.180	.00040	.00090	.00470	400.00000
5.925	2.300	.00050	.00090	.00450	401.00000
5.911	3.390	.00050	.00090	.00460	399.00000
5.912	4.520	.00050	.00100	.00450	400.00000
5.913	6.730	.00050	.00090	.00460	400.00000
5.914	9.000	.00060	.00100	.00460	400.00000
5.915	11.270	.00050	.00320	.00450	401.00000
5.917	13.550	.00430	.00310	.00480	401.00000
5.918	15.700	.00360	.00070	.00550	402.00000
5.923	17.790	.00160	.00050	.00630	403.00000
5.907	19.810	.00340	.00100	.00780	401.00000
5.925	21.680	.00780	.00360	.01060	403.00000
5.918	23.900	.00300	.00100	.01250	403.00000
5.507	25.890	.00020	.00030	.01580	401.00000

RUN NO. 81/ 0 RN/L = 7.83

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
7.857	-2.200	.00030	.00060	.00460	526.00000
7.859	-1.130	.00030	.00060	.00450	528.00000
7.847	-.010	.00040	.00060	.00460	527.00000
7.838	1.180	.00030	.00060	.00430	526.00000
7.842	2.290	.00040	.00040	.00450	527.00000
7.833	3.500	.00030	.00050	.00450	526.00000
7.837	4.570	.00030	.00050	.00440	527.00000
7.829	6.980	.00040	.00060	.00430	527.00000
7.839	9.340	.00040	.00060	.00450	529.00000
7.843	11.700	.00070	.00280	.00440	530.00000
7.825	14.080	.00270	.00170	.00470	529.00000
7.811	16.320	.00100	.00110	.00510	527.00000
7.789	18.400	.00640	.00030	.00650	525.00000
7.806	20.420	.00430	.00180	.00730	528.00000
7.809	22.400	.00500	.00390	.01120	529.00000
7.815	24.500	.00480	.00100	.01290	530.00000
7.816	26.430	.00200	.00020	.01710	531.00000

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 4.1900 IN. XB
 IREF = 6.7845 INCHES YMRP = .0000 IN. YB
 IREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSMP = 45.000 TESLP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 287 0 RN/L = 1.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.956	-2.020	.00000	-.09570	.00960	-.09530	.01301	-7.32950	-.00770	-.00020	.00020	-.00250
1.984	-.970	.00000	-.04880	.01100	-.04860	.01185	-4.10070	-.01230	-.00020	.00030	-.00270
1.979	.060	.00000	-.00770	.01160	-.00780	.01163	-.66720	-.01150	-.00010	.00020	-.00280
1.952	1.120	.00000	.04180	.01100	.04150	.01181	3.51690	-.01360	-.00010	.00060	-.00290
1.977	2.160	.00000	.09160	.00980	.09110	.01322	6.89180	-.01660	-.00010	.00030	-.00240
1.977	3.220	.00000	.13810	.00720	.13810	.01496	9.23350	-.01800	-.00010	.00060	-.00320
1.975	4.200	.00000	.18370	.00390	.18290	.01722	10.62400	-.01710	-.00020	.00050	-.00270
1.987	6.340	.00000	.26690	-.00340	.28570	.02635	10.84100	-.02150	-.00050	.00080	-.00360
1.951	8.360	.00000	.38590	-.01550	.39400	.04077	9.41870	-.02300	-.00050	.00150	-.00380
1.983	10.450	.00000	.48690	-.02270	.48290	.06597	7.32030	-.02750	-.00050	.00140	-.00340
1.984	12.550	.00000	.57840	-.02800	.57070	.08335	5.80270	-.03410	.00000	.00130	-.00370
1.980	14.580	.00000	.66050	-.02970	.64670	.13750	4.70370	-.04190	.00010	.00150	-.00350
1.976	16.610	.00000	.73690	-.02870	.71440	.18315	3.90040	-.05690	.00020	.00140	-.00420
1.974	18.710	.00000	.79440	-.02510	.76050	.23110	3.29060	-.07250	.00070	.00130	-.00440
1.971	20.670	.00000	.82090	-.01750	.77430	.27337	2.83230	-.08950	.00100	.00100	-.00530
1.970	22.630	.00000	.83500	-.01320	.77950	.30986	2.50290	-.10110	.00020	.00120	-.00210
1.964	24.720	.00000	.85420	-.01450	.79110	.34814	2.27230	-.10620	.00130	.00160	-.00340

RUN NO. 287 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.983	-2.030	.00000	-.09310	.01020	-.08870	.01344	-6.60090	-.01380	-.00020	.00020	-.00110
3.976	-1.040	.00000	-.04210	.01070	-.04190	.01149	-3.64920	-.01660	-.00010	.00010	-.00060
3.969	.060	.00000	.00940	.01110	.00940	.01113	.84440	-.01860	-.00010	.00000	-.00020
3.972	1.130	.00000	.05270	.01070	.05250	.01172	4.47820	-.01990	-.00020	.00010	-.00070
3.983	2.230	.00000	.10250	.00930	.10210	.01333	7.66060	-.02250	-.00010	.00010	-.00050
3.978	3.290	.00000	.14300	.00540	.14840	.01499	9.90290	-.02280	-.00020	.00000	-.00040
3.972	4.350	.00000	.17910	.00370	.19330	.01828	10.84500	-.02460	-.00040	.00040	-.00240
3.970	6.450	.00000	.25970	-.00640	.27470	.02764	10.78200	-.02700	-.00060	.00010	-.00190
3.968	8.560	.00000	.33840	-.01840	.34650	.04326	9.39760	-.02900	-.00040	.00030	-.00030
3.969	10.840	.00000	.41900	-.02750	.41490	.07056	7.99050	-.03510	-.00070	.00040	-.00280
3.945	12.970	.00000	.51130	-.03430	.50390	.10493	5.75370	-.04270	-.00070	.00040	-.00290
3.960	15.100	.00000	.59340	-.03530	.58450	.14815	4.62010	-.05210	-.00170	.00070	-.00440
3.940	17.200	.00000	.75990	-.02940	.74380	.19944	3.72970	-.07110	.00000	.00030	-.00240
3.971	19.270	.00000	.86600	-.02400	.84100	.24207	3.15330	-.09110	.00050	.00010	-.00150
3.961	21.240	.00000	.86600	-.02000	.86480	.24208	2.75560	-.10780	.00430	-.00070	-.00180
3.971	23.320	.00000	.86600	-.01530	.86210	.27840	2.44250	-.11790	.00030	.00030	-.00030
3.973	25.350	-.01000	.89020	-.01720	.81180	.36571	2.21930	-.12410	-.00430	.00070	-.00510

WING 111 45-45-0008

AMES 12-08E 'LAJ5

(RNC018)

(16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 4.1900 IN. XB
 LREF = 6.7845 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FLSWP = 45.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 27/ 0 RN/L = 5.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.903	-2.160	.0000	-.09700	.00810	-.09660	.01180	-8.18630	-.01160	-.00010	-.00010	-.00040
5.983	-1.060	.0000	-.04930	.00940	-.04910	.01030	-4.76560	-.01410	-.00010	-.00020	-.00060
5.947	.080	.0000	.00640	.01020	.00640	.01018	.62640	-.01860	-.00010	-.00020	-.00090
5.982	1.160	.0000	.04850	.00920	.04830	.01017	4.74480	-.01730	-.00020	-.00010	-.00030
5.974	2.290	.0000	.09920	.00780	.09880	.01178	8.39080	-.02000	-.00020	-.00010	-.00040
5.979	3.400	.0000	.14720	.00510	.14660	.01380	10.62000	-.02030	-.00040	-.00030	-.00150
5.975	4.480	.0000	.19730	.00130	.19660	.01674	11.74600	-.02130	-.00040	-.00010	-.00200
5.975	6.750	.0000	.30170	-.00950	.30070	.02596	11.58400	-.02300	-.00070	-.00010	-.00150
5.959	8.950	.0000	.41420	-.02280	.41270	.04191	9.84740	-.02700	-.00050	.00100	-.00050
5.959	11.210	.0000	.52890	-.03470	.52560	.06879	7.63970	-.03210	-.00050	.00130	-.00090
5.970	13.450	.0000	.63090	-.04100	.62300	.10681	5.83310	-.04030	-.00140	-.00050	-.00280
5.945	15.640	.0000	.71910	-.04350	.70420	.15201	4.63760	-.04250	-.00150	-.00050	-.00210
5.962	17.760	.0000	.79150	-.03850	.76550	.20444	3.73790	-.06920	-.00010	-.00000	-.00190
5.956	19.900	.0000	.84750	-.03620	.80950	.25451	3.18050	-.08130	-.00030	-.00020	-.00090
5.952	21.950	.0000	.88830	-.03090	.83540	.30353	2.75220	-.09910	-.00150	-.00050	-.00090
5.968	23.980	-.01000	.89280	-.02760	.82690	.33765	2.44900	-.10710	-.00590	-.00080	-.00670
5.951	25.950	-.01000	.88770	-.02560	.80940	.36542	2.21490	-.11570	-.00260	-.00050	-.00430

RUN NO. 26/ 0 RN/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.003	-2.280	.0000	-.11440	.00710	-.11400	.01168	-9.76290	-.00410	-.00010	-.00020	-.00010
7.993	-1.140	.0000	-.06310	.00910	-.06290	.01037	-6.06180	-.00700	-.00010	-.00010	-.00020
7.977	.020	.0000	-.01330	.00950	-.01330	.00945	-1.40310	-.00880	-.00010	-.00020	-.00010
7.982	1.200	.0000	.04010	.00880	.03990	.00960	4.15230	-.01120	-.00030	-.00020	-.00040
7.969	2.310	.0000	.08970	.00720	.08930	.01084	8.23840	-.01270	-.00010	-.00010	-.00060
7.979	3.450	.0000	.13970	.00430	.13920	.01267	10.99100	-.01360	-.00020	-.00030	-.00030
7.969	4.620	.0000	.19450	-.00010	.19390	.01554	12.47900	-.01450	-.00040	-.00010	-.00060
7.969	6.970	.0000	.30710	-.01240	.30640	.02492	12.29200	-.01690	-.00080	-.00010	-.00110
7.961	9.280	.0000	.41710	-.02760	.41610	.04000	10.40200	-.01970	-.00100	.00110	-.00070
7.969	11.660	.0000	.54180	-.04170	.53900	.06867	7.84930	-.02730	-.00040	.00180	-.00180
7.958	13.940	.0000	.64580	-.04770	.63030	.10920	5.84560	-.03640	-.00020	.00050	-.00110
7.952	16.200	.0000	.73580	-.05140	.72090	.15188	4.62490	-.04690	-.00110	.00050	-.00070
7.954	18.410	.0000	.81240	-.05160	.78720	.20760	3.79180	-.06270	-.00050	.00020	-.00040
7.952	20.550	-.01000	.86930	-.04890	.83120	.26323	3.20630	-.07690	-.00180	.00020	-.00240
7.935	22.590	-.01000	.90050	-.04140	.84730	.30770	2.75360	-.09400	-.00260	.00040	-.00250
7.976	24.610	-.02000	.90050	-.03510	.83330	.34312	2.42860	-.10530	-.00630	-.00070	-.00600
7.944	26.580	-.01000	.89790	-.03250	.81750	.37259	2.19420	-.11250	-.00330	.00000	-.00570

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 4.1900 IN. XB
 LREF = 6.7845 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 45.000 TESWP = 45.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 29 / 0 RN/L = 1.98

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
1.586	-2.020	-.00020	.00020	.00300	124.00000
1.984	-.970	-.00020	.00030	.00290	124.00000
1.979	.060	-.00010	.00020	.00300	124.00000
1.982	1.120	-.00010	.00050	.00270	124.00000
1.977	2.160	-.00010	.00030	.00270	124.00000
1.977	3.220	-.00010	.00060	.00280	124.00000
1.975	4.200	-.00010	.00050	.00260	124.00000
1.985	6.340	-.00040	.00090	.00300	125.00000
1.985	8.360	-.00030	.00150	.00310	125.00000
1.983	10.450	-.00020	.00150	.00290	125.00000
1.984	12.550	.00030	.00130	.00310	125.00000
1.980	14.580	.00050	.00150	.00260	125.00000
1.976	16.610	.00050	.00130	.00420	124.00000
1.974	18.710	.00110	.00100	.00520	124.00000
1.971	20.670	.00130	.00090	.00700	124.00000
1.970	22.690	.00070	.00100	.00560	124.00000
1.964	24.720	.00160	.00090	.01230	123.00000

RUN NO. 28 / 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
3.983	-2.090	-.00020	-.00020	.00220	261.00000
3.976	-1.040	-.00010	-.00010	.00300	261.00000
3.969	.060	-.00010	.00000	.00320	261.00000
3.972	1.130	-.00020	-.00010	.00330	262.00000
3.983	2.230	-.00010	-.00010	.00320	265.00000
3.978	3.290	-.00020	-.00000	.00340	264.00000
3.972	4.360	-.00050	-.00040	.00330	264.00000
3.970	6.530	-.00060	-.00010	.00330	264.00000
3.969	8.660	-.00030	.00040	.00330	264.00000
3.969	10.840	-.00070	-.00030	.00330	265.00000
3.966	12.970	-.00080	-.00030	.00350	264.00000
3.960	15.100	-.01190	-.00030	.00410	264.00000
3.966	17.200	-.00010	-.00070	.00480	265.00000
3.971	19.270	.00060	-.00020	.00610	266.00000
3.961	21.280	.00370	-.00230	.00800	265.00000
3.971	23.320	.00050	-.00010	.01080	266.00000
3.973	25.350	-.00350	.00250	.01410	267.00000

ORIGINAL PAGE IS
 OF POOR QUALITY

DATE 20 FEB 76

L65 TABULATED SOURCE DATA

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(ANC018) (16 JUL 75)

AMES 12-086 (L65)

WING 111 45-45-008

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 4.1900 IN. XB
 LREF = 6.7845 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 45.000
 FILSWP = 45.000 TESHP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 27/ 0 RN/L = 5 97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
6.003	-2.160	-.00010	-.00010	.00330	397.00000
5.983	-1.060	-.00010	-.00020	.00360	397.00000
5.947	.080	-.00010	-.00020	.00380	402.00000
5.982	1.160	-.00020	-.00010	.00380	399.00000
5.974	2.290	-.00020	-.00010	.00370	398.00000
5.979	3.400	-.00040	-.00030	.00360	400.00000
5.975	4.480	-.00050	-.00040	.00370	400.00000
5.975	6.750	-.00070	-.00000	.00360	400.00000
5.969	8.950	-.00030	-.00110	.00360	400.00000
5.969	11.210	-.00080	-.00120	.00360	400.00000
5.970	13.450	-.00150	-.00020	.00390	401.00000
5.965	15.640	-.00160	-.00000	.00440	400.00000
5.962	17.760	-.00010	-.00000	.00520	400.00000
5.955	19.900	-.00020	-.00030	.00550	401.00000
5.952	21.960	-.00120	-.00100	.00840	401.00000
5.958	23.980	-.00500	-.00310	.01120	403.00000
5.951	25.950	-.00210	-.00160	.01520	401.00000

RUN NO. 26/ 0 RN/L = 7.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
8.003	-2.280	-.00010	-.00020	.00350	528.00000
7.993	-1.140	-.00010	-.00010	.00340	528.00000
7.977	.020	-.00010	-.00020	.00370	528.00000
7.982	1.200	-.00030	-.00020	.00370	531.00000
7.968	2.310	-.00030	-.00010	.00370	529.00000
7.979	3.450	-.00030	-.00020	.00370	531.00000
7.968	4.620	-.00040	-.00010	.00370	531.00000
7.969	6.970	-.00080	-.00020	.00370	532.00000
7.951	9.280	-.00080	-.00120	.00370	531.00000
7.969	11.660	-.00080	-.00170	.00360	534.00000
7.958	13.940	-.00010	-.00050	.00400	533.00000
7.952	16.200	-.00120	-.00020	.00450	533.00000
7.964	18.410	-.00060	-.00000	.00500	535.00000
7.952	20.550	-.00160	-.00080	.00620	534.00000
7.935	22.590	-.00230	-.00140	.00840	533.00000
7.976	24.510	-.00540	-.00330	.01090	539.00000
7.944	26.580	-.00290	-.00140	.01450	535.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 71

WING 111 45-80-0008

AMES 12-086 (LA65)

(RNC019) (16 JUL 75)

REFERENCE DATA

SREF = .7635 SQ.FT. XMRP = 12.4653 IN. XB
 LREF = 12.7346 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSMP = 80.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 85/ 0 RN/L = 3.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.991	-2.040	.00000	-.07210	.00780	-.07180	.01033	-6.94560	.01620	.00000	-.00060	.00080
3.995	-1.020	.00000	-.04150	.00850	-.04130	.00926	-4.46280	.00760	-.00020	-.00050	.00070
3.979	.040	.00000	-.00730	.00890	-.00730	.00886	-.82160	-.00160	-.00020	-.00040	.00060
3.982	1.100	.00000	.02510	.00820	.02490	.00869	2.87090	.00960	-.00020	-.00040	.00050
3.979	2.170	.00000	.05900	.00720	.05870	.00947	6.20090	-.01970	-.00030	-.00010	.00040
3.973	3.260	.00000	.09530	.00540	.09490	.01082	8.78570	-.02930	-.00020	-.00010	.00030
3.967	4.360	.00000	.13110	.00300	.13050	.01293	10.08600	-.03840	-.00020	-.00010	.00010
3.969	5.460	.00000	.20030	-.00300	.19940	.01955	10.19800	-.05640	-.00010	-.00000	-.00010
3.968	6.580	.00000	.28100	-.00950	.27930	.03251	8.59050	-.07760	-.00010	-.00050	-.00050
3.981	10.790	.00000	.37570	-.01260	.37140	.05793	5.41150	-.10280	-.00030	-.00050	-.00080
3.977	13.000	.00000	.45170	-.01420	.45310	.09005	5.03130	-.12460	-.00040	-.00040	-.00110
3.973	15.140	.00000	.54960	-.01580	.53490	.12731	4.20160	-.14690	-.00070	-.00010	-.00160
3.975	17.310	.01000	.64010	-.01830	.61660	.17301	3.56380	-.17080	-.00100	-.00100	-.00440
3.966	19.570	.01000	.75800	-.02380	.72220	.23137	3.12140	-.20400	-.00210	-.00130	-.00700
3.960	21.790	.02000	.87790	-.03120	.82680	.29693	2.78440	-.23550	-.00320	-.00180	-.01070
3.958	24.060	.03000	.93370	-.03730	.88260	.37111	2.48510	-.26470	-.00450	-.00250	-.00910
3.960	26.230	.02000	1.10950	-.04250	1.01400	.45223	2.24220	-.29580	-.00290	-.00160	-.00350

RUN NO. 84/ 0 RN/L = 5.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.984	-2.160	.00000	-.07670	.00700	-.07640	.00988	-7.73200	.01760	-.00010	-.00050	.00060
5.973	-1.060	.00000	-.04260	.00790	-.04240	.00873	-4.85980	.00830	-.00020	-.00040	.00050
5.971	.050	.00000	-.00670	.00830	-.00670	.00932	-.80190	-.00170	-.00020	-.00040	.00040
5.966	1.160	.00000	.02690	.00800	.02680	.00854	3.13520	-.01040	-.00020	-.00020	.00030
5.972	2.250	.00000	.05300	.00690	.05270	.00940	6.66940	-.02040	-.00010	-.00030	.00010
5.966	3.350	.00000	.09760	.00490	.09710	.01058	9.18190	-.02940	-.00020	-.00020	.00000
5.950	4.470	.00000	.13430	.00230	.13370	.01272	10.51000	-.03890	-.00010	-.00030	-.00010
5.950	5.660	.00000	.20750	-.00400	.20650	.02008	10.28800	-.05810	-.00020	-.00030	.00040
5.959	6.940	.00000	.29540	-.01230	.29370	.03390	9.66940	-.06950	-.00020	-.00060	.00050
5.962	11.180	.00000	.38700	-.02020	.38350	.0517	6.95190	-.10430	-.00080	-.00080	.00080
5.947	13.550	.00000	.48310	-.01990	.47430	.09389	5.05210	-.12940	-.00000	-.00030	.00050
5.950	15.740	.01000	.57040	-.02200	.55500	.13357	4.15480	-.15160	-.00020	-.00100	-.00060
5.931	17.980	.02000	.65820	-.02150	.63270	.18269	3.45340	-.17460	-.00040	-.00040	-.00480
5.941	20.390	.03000	.75110	-.02770	.71110	.24961	3.00890	-.21230	-.00200	-.00180	-.00740
5.944	22.760	.05000	.82020	-.03510	.80210	.32369	2.66340	-.24780	-.00420	-.00260	-.01140
5.956	25.110	.06000	1.03780	-.04210	.95760	.40220	2.38090	-.27790	-.00430	-.00280	-.01460
5.948	27.480	.07000	1.15170	-.04760	1.04380	.48913	2.13400	-.30710	-.00330	-.00350	-.01680

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LA65 TABULATED SOURCE DATA

PAGE 72

WING 111 45-80-0008

AMES 12-086 (LA65)

(RNC019) (16 JUL 75)

REFERENCE DATA

SREF = .7635 SQ.FT. XMRP = 12.4653 IN. XB
 LREF = 12.7346 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 45.000
 FILSMP = 80.000 TESMP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 83/ 0 RN/L = 7.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.994	-2.210	.00000	-.07790	.00680	-.07760	.00975	-7.95410	.01800	-.00010	-.00050	.00050
7.986	-1.070	.00000	-.04320	.00780	-.04310	.00864	-4.98130	.00830	-.00010	-.00040	.00040
7.978	.063	.00000	-.00920	.00850	-.00820	.00846	-.00110	-.00110	-.00040	-.00040	.00040
7.963	1.130	.00000	.02470	.00800	.02450	.00847	2.89770	-.00980	-.00020	-.00030	.00040
7.973	2.350	.00000	.06370	.00690	.06340	.00940	6.74450	-.02040	-.00020	-.00020	.00010
7.955	3.490	.00000	.10040	.00470	.10000	.01083	9.22820	-.03000	-.00010	-.00030	.00020
7.956	4.630	.00000	.13700	.00190	.13640	.01296	10.52600	-.03930	-.00010	-.00010	.00010
7.948	6.920	.00000	.21790	-.00520	.21690	.02107	10.29400	-.06060	-.00010	-.00010	.00010
7.974	9.270	.00000	.30490	-.01420	.30320	.03518	8.62010	-.08220	-.00000	-.00030	.00010
7.981	11.550	.00000	.39350	-.02370	.39020	.05557	7.02240	-.10380	-.00010	-.00080	.00060
7.966	14.000	.00000	.49600	-.02740	.48790	.09342	5.22300	-.13130	-.00010	-.00050	-.00140
7.984	16.360	.01000	.58290	-.02520	.56540	.13998	4.04550	-.15300	-.00070	-.00070	-.00330
7.952	18.770	.03000	.68640	-.02600	.65830	.19630	3.35340	-.18110	-.00040	-.00040	-.00570
7.951	21.230	.05000	.82640	-.03120	.78160	.27020	2.89260	-.22190	-.00270	-.00150	-.00950
7.925	23.760	.08000	.96240	-.03920	.89660	.35193	2.54760	-.25920	-.00440	-.00270	-.01320
7.931	26.230	.10000	1.08140	-.04590	.99310	.43809	2.26680	-.29050	-.00560	-.00310	-.01770
7.977	28.700	.11000	1.17990	-.05120	1.05950	.52171	2.03090	-.30960	-.00040	-.00500	-.01790

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LA65 TABULATED SOURCE DATA

PAGE 73

(ANCO19) (16 JUL 75)

AMES 12-086 (LA65)

WING III 45-80-0008

REFERENCE DATA

SREF = .7635 SQ.FT. XMRP = 12.4653 IN. XB
 LREF = 12.7345 INCHES YMRP = .0000 IN. YB
 BRREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 80.000 TESWP = 15.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 85/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.981	-2.040	.00000	-.00050	.00180	261.00000
3.986	-1.020	-.00020	-.00050	.00200	263.00000
3.979	.040	-.00020	-.00040	.00200	261.00000
3.982	1.100	-.00020	-.00040	.00220	262.00000
3.979	2.170	-.00030	-.00010	.00230	263.00000
3.973	3.250	-.00020	-.00010	.00230	263.00000
3.967	4.360	-.00020	-.00010	.00240	262.00000
3.969	6.460	-.00010	-.00000	.00230	263.00000
3.968	8.580	.00020	.00010	.00250	263.00000
3.981	10.790	.00040	.00050	.00270	265.00000
3.977	13.000	.00050	.00030	.00300	264.00000
3.973	15.140	.00070	-.00010	.00310	264.00000
3.975	17.310	.00060	-.00120	.00290	264.00000
3.966	19.570	.00150	-.00190	.00280	263.00000
3.950	21.790	.00230	-.00280	.00280	263.00000
3.958	24.060	.00310	-.00410	.00320	262.00000
3.960	26.230	.00130	-.00270	.00360	263.00000

RUN NO. 84/ 0 RN/L = 5.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.984	-2.160	-.00010	-.00050	.00230	398.00000
5.973	-1.060	-.00020	-.00040	.00240	397.00000
5.971	.050	-.00020	-.00040	.00230	397.00000
5.966	1.160	-.00020	-.00020	.00230	397.00000
5.972	2.250	-.00010	-.00030	.00240	398.00000
5.966	3.350	-.00020	-.00010	.00250	397.00000
5.960	4.470	-.00010	-.00020	.00250	397.00000
5.960	6.660	-.00020	-.00030	.00250	397.00000
5.958	8.940	.00010	-.00060	.00260	397.00000
5.962	11.160	-.00020	-.00080	.00290	398.00000
5.947	13.560	-.00010	-.00030	.00310	397.00000
5.950	15.740	-.00090	-.00090	.00310	398.00000
5.931	17.980	.00150	-.00100	.00310	396.00000
5.941	20.390	.00120	-.00230	.00300	397.00000
5.944	22.760	.00290	-.00400	.00310	398.00000
5.956	25.110	.00270	-.00440	.00340	400.00000
5.948	27.480	.00130	-.00460	.00370	399.00000

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DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 74

WING 111 45-80-0008

AMES 12-086 (LA65)

(ANCC19) (16 JUL 75)

REFERENCE DATA

SREF = .7635 SQ.FT. XMRP = 12.4653 IN. XB
 LREF = 12.7346 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 83/ 0 RN/L = 7.96

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 80.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
7.994	-2.210	.00000	-.00050	.00230	526.00000
7.986	-1.070	-.00010	-.00040	.00230	526.00000
7.978	.060	-.00010	-.00040	.00230	525.00000
7.963	1.130	-.00020	-.00030	.00240	524.00000
7.973	2.350	-.00020	-.00020	.00230	526.00000
7.965	3.490	-.00010	-.00030	.00240	525.00000
7.966	4.630	-.00020	-.00010	.00240	526.00000
7.948	6.920	-.00010	-.00010	.00240	524.00000
7.974	9.270	.00000	-.00030	.00260	528.00000
7.981	11.550	.00000	-.00080	.00280	530.00000
7.966	14.000	.00000	.00050	.00330	529.00000
7.984	16.360	.00190	.00020	.00300	532.00000
7.952	18.770	.00180	-.00110	.00300	528.00000
7.951	21.230	.00190	-.00270	.00300	529.00000
7.925	23.760	.00300	-.00430	.00310	526.00000
7.931	26.230	.00350	-.00530	.00340	527.00000
7.977	28.700	-.00200	-.00460	.00410	534.00000

WING 111 45-75-0008

AMES 12-086 (LA65)

(RNC020)

(16 JUL 75)

REFERENCE DATA

SREF = .6554 SQ.FT. XMRP = 9.1595 IN. XB
 LREF = 10.0535 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LFSWP = 45.000
 FILSWP = 75.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 88 / 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.971	-2.000	.0000	-.08860	.00750	-.08830	.01062	-8.31630	.01190	.00000	.00000	-.00220
3.983	-1.010	.0000	-.05350	.00830	-.05330	.00922	-5.78260	.00550	.00000	.00010	-.00210
3.982	.030	.0000	-.01610	.00880	-.01610	.00876	-1.83190	-.00100	.00000	.00020	-.03250
3.988	1.030	.0000	.02170	.00820	.02150	.00864	2.48930	-.00790	-.00010	.00020	-.00220
3.987	2.130	.0000	.06150	.00720	.06120	.00950	6.44030	-.01480	-.00010	.00020	-.00260
3.982	3.180	.0000	.02830	.00550	.02790	.01092	8.96470	-.02100	-.00010	.00030	-.00260
3.978	4.290	.0000	.14340	.00300	.14280	.01372	10.40700	-.02930	-.00020	.00020	-.00150
3.982	6.390	.0000	.21900	-.00430	.21810	.02008	10.86400	-.04280	-.00020	.00020	-.00190
3.978	8.450	.0000	.31020	-.01180	.30860	.03391	9.10040	-.06070	-.00030	-.00040	-.00040
3.985	10.560	.0000	.40290	-.01450	.39880	.05358	6.69370	-.07800	-.00080	.00000	-.00040
3.982	12.640	.0000	.49540	-.01780	.48730	.09102	5.35360	-.09540	-.00060	.00010	-.00080
3.982	14.770	.0000	.58900	-.02170	.57510	.12914	4.45330	-.11260	-.00060	.00000	-.00020
3.982	16.880	.0000	.68450	-.02430	.66400	.17653	3.76120	-.13260	-.00040	.00010	-.00060
3.976	19.040	.0000	.81850	-.03240	.78940	.23639	3.31940	-.15930	-.00060	.00070	-.00090
3.981	21.160	.0000	.95300	-.04130	.90630	.30096	2.92250	-.18530	-.00110	.00110	-.00140
3.978	23.280	.0000	1.00160	-.04480	.93790	.35486	2.64310	-.18130	-.00230	.00130	-.00170
3.972	25.290	-.01000	1.02640	-.04560	.94750	.39707	2.38630	-.17220	.00070	.00110	-.00100

RUN NO. 97 / 0 RN/L = 5.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.000	-2.090	.0000	-.08910	.00700	-.03870	.01028	-8.63240	.01360	-.00010	.00000	-.00010
5.983	-1.030	.0000	-.05130	.00810	-.05110	.00906	-5.64060	.00670	-.00010	.00000	-.00030
6.000	.040	.0000	-.01260	.00850	-.01260	.00849	-1.47840	-.00080	-.00010	.00010	-.00030
5.993	1.130	.0000	.02710	.00820	.02690	.00677	3.07200	-.00770	-.00020	.00020	-.00040
6.003	2.230	.0000	.06760	.00760	.06730	.00962	6.93520	-.01490	-.00020	.00020	-.00070
5.903	3.310	.0000	.10660	.00490	.10620	.01110	9.85420	-.02190	-.00030	.00020	-.00080
5.984	4.320	.0000	.14160	.00260	.14100	.01327	10.62400	-.02840	-.00020	.00030	-.00090
5.983	6.450	.0000	.22730	-.00530	.22650	.02042	11.09100	-.04390	-.00020	.00020	-.00120
5.983	8.610	.0000	.31850	-.01340	.31690	.03439	9.21480	-.06190	-.00030	-.00020	-.00070
5.999	10.790	.0000	.41330	-.01750	.40920	.06019	6.79930	-.07980	-.00130	-.00070	-.00030
5.987	12.940	.0000	.50470	-.02090	.49650	.09265	5.35980	-.09690	-.00120	-.00030	-.00010
5.982	15.110	.0000	.60300	-.02600	.58900	.13204	4.46050	-.11570	-.00010	.00020	-.00030
5.967	17.290	.0000	.69570	-.02740	.67240	.18068	3.72150	-.13460	-.00010	.00010	-.00070
5.976	19.510	.0000	.82870	-.03510	.79280	.24368	3.25350	-.16300	-.00030	.00010	-.00090
5.965	21.730	.0000	.96390	-.04550	.91220	.31443	2.90110	-.18880	.00230	.00030	-.00020
5.966	23.920	.0000	1.04790	-.05320	.97440	.37625	2.60310	-.19740	-.00470	.00010	-.00040
5.966	26.000	.0000	1.09590	-.05460	.97630	.41547	2.34980	-.13240	-.00470	.00070	-.00030

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LAGE5 TABULATED SOURCE DATA

PAGE 76

WING 111 45-75-0008

AMES 12-086 (LAGE5)

(RNC020) (16 JUL 75)

REFERENCE DATA

SREF = .6654 SO.FT. XMRP = 9.1995 IN. XB
 LREF = 10.0535 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 45.000
 FILSMP = 75.000 TESMP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 86/ 0 RN/L = 7.95

RI/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.954	-2.150	.0000	-.08950	.00680	-.08920	.01013	-8.80510	.01450	.00000	.00000	.00020
7.973	-1.050	.0000	-.05020	.00810	-.05010	.00897	-5.58230	.00670	.00000	.00010	.00000
7.962	.040	.0000	-.01180	.00850	-.01180	.00846	-1.39740	-.00030	-.00010	.00020	-.00020
7.979	1.150	.0000	.02850	.00830	.02860	.00886	3.23430	-.00760	-.00010	.00020	-.00040
7.957	2.270	.0000	.06750	.00700	.06720	.00967	6.94870	-.01430	-.00010	.00030	-.00010
7.958	3.350	.0000	.10820	.00490	.10780	.01123	9.59690	-.02170	-.06020	.00030	-.00010
7.958	4.410	.0000	.14840	.00210	.14780	.01353	10.91700	-.02890	-.00010	.00030	-.00030
7.966	6.600	.0000	.23210	-.00590	.23120	.02080	11.11300	-.04430	-.00020	.00030	-.00070
7.958	8.790	.0000	.32610	-.01520	.32460	.03484	9.31790	-.06250	-.00020	.00040	-.00010
7.958	11.010	.0000	.42100	-.02070	.41720	.06014	6.93760	-.08020	-.00110	-.00110	.00140
7.954	13.280	.0000	.52220	-.02710	.51450	.09359	5.49740	-.09940	-.00180	-.00150	.00170
7.951	15.470	.0000	.61620	-.03030	.60190	.13569	4.43560	-.11740	-.00110	-.00040	.00050
7.933	17.700	.0000	.72160	-.03130	.69630	.18964	3.67500	-.13900	.00200	.00020	-.00110
7.917	19.940	.0000	.84570	-.03760	.80720	.25281	3.19290	-.16530	.00320	-.00020	-.00100
7.953	22.350	.0000	.96530	-.04340	.93120	.32938	2.82710	-.19200	.00310	-.00030	-.00030
7.923	24.560	.0000	1.05310	-.05000	.99040	.39023	2.53810	-.19760	-.00770	-.00120	-.00460
7.952	26.630	-.01000	1.08440	-.05550	.99560	.43296	2.30040	-.18710	-.01080	-.00070	.00620

DATE 20 FEB 76

L665 TABULATED SOURCE DATA

PAGE 77

(ANC020) (16 JUL 75)

AMES 12-086 (L665)

WING 111 45-75-0008

REFERENCE DATA

SREF = .6554 SQ.FT. XMRP = 9.1995 IN. XB
 LREF = 10.0535 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 75.000 TESWP = 15.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 88/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.971	-2.000	.00000	.00000	.00260	259.00000
3.983	-1.010	.00000	.00010	.00240	261.00000
3.982	.030	.00000	.00020	.00250	261.00000
3.988	1.090	.00010	.00020	.00260	263.00000
3.987	2.130	.00010	.00020	.00250	263.00000
3.982	3.180	.00010	.00030	.00260	262.00000
3.978	4.290	.00020	.00020	.00260	263.00000
3.982	6.390	.00020	.00020	.00280	263.00000
3.978	8.450	.00040	.00020	.00300	263.00000
3.985	10.560	.00080	.00020	.00300	264.00000
3.982	12.640	.00060	.00020	.00310	264.00000
3.990	14.770	.00050	.00010	.00340	264.00000
3.982	16.880	.00050	.00030	.00340	264.00000
3.975	19.040	.00080	.00050	.00330	264.00000
3.981	21.180	.00000	.00120	.00330	264.00000
3.978	23.280	.00060	.00030	.00440	264.00000
3.972	25.280	.00110	.00070	.00620	264.00000

RUN NO. 87/ 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
6.000	-2.090	.00010	.00000	.00270	395.00000
5.999	-1.030	.00010	.00000	.00250	394.00000
6.000	.040	.00010	.00010	.00270	398.00000
5.993	1.130	.00020	.00020	.00280	397.00000
6.003	2.230	.00020	.00030	.00370	399.00000
5.989	3.310	.00030	.00030	.00280	398.00000
5.994	4.320	.00020	.00030	.00280	397.00000
5.994	6.490	.00020	.00020	.00290	399.00000
5.983	8.610	.00040	.00020	.00310	399.00000
5.989	10.790	.00140	.00040	.00310	400.00000
5.987	12.940	.00130	.00010	.00340	400.00000
5.982	15.110	.00010	.00030	.00390	398.00000
5.967	17.290	.00050	.00030	.00390	399.00000
5.970	19.510	.00310	.00100	.00390	399.00000
5.965	21.730	.00230	.00060	.00480	398.00000
5.966	23.920	.00430	.00200	.00420	399.00000
5.965	26.100	.00390	.00270	.00600	399.00000

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LABS TABULATED SOURCE DATA

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WING III 45-75-0008

AMES 12-086 (LA65)

(ANG020) (16 JUL 75)

REFERENCE DATA

SREF = .6654 SQ.FT. XMRP = 9.1995 IN. XB
 LREF = 10.0535 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 86/ 0 RN/L = 7.95

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 75.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
7.964	-2.150	.00000	.00000	.00270	521.00000
7.973	-1.050	.00000	.00010	.00270	523.00000
7.962	.040	-.00010	.00020	.00270	523.00000
7.979	1.150	-.00010	.00020	.00270	525.00000
7.967	2.270	-.00010	.00030	.00270	524.00000
7.968	3.350	-.00020	.00030	.00280	525.00000
7.968	4.410	-.00010	.00030	.00280	525.00000
7.966	6.600	-.00010	.00030	.00290	526.00000
7.958	8.790	-.00020	.00030	.00300	525.00000
7.958	11.010	-.00130	-.00030	.00310	525.00000
7.954	13.280	-.00210	-.00110	.00320	526.00000
7.951	15.470	-.00120	-.00040	.00340	526.00000
7.933	17.700	.00200	-.00040	.00390	525.00000
7.917	19.940	.00290	-.00130	.00390	523.00000
7.953	22.350	.00270	-.00140	.00370	529.00000
7.933	24.520	-.00750	-.00210	.00410	525.00000
7.952	26.630	-.01000	.00420	.00590	530.00000

REFERENCE DATA

SREF = .5156 SC FT. XMRP = 7.4627 IN. XB
 LREF = 8.7898 IN. YMRP = .0000 IN. YB
 BRP = 13.1135 IN. ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 70.000 TESWP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 90/ 0 RN/L = 5.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.998	-2.140	.00000	-.09510	.00710	-.09470	.01064	-8.90490	.00830	.00010	.00030	-.00100
5.995	-1.060	.00000	-.05370	.00800	-.05350	.00904	-5.91860	.00170	.00020	.00040	-.00090
5.983	.070	.00000	-.00920	.00840	-.00920	.00842	-1.09230	-.00440	.00010	.00040	-.00110
5.975	1.130	.00000	-.03260	.00820	.03240	.00989	3.64670	-.01070	.00010	.00040	-.00120
5.955	2.240	.00000	.07550	.00590	.07520	.00981	7.65730	-.02190	.00020	.00050	-.00140
5.953	3.390	.00000	.12050	.00450	.12010	.01156	10.30400	-.02730	.00010	.00050	-.00150
5.953	4.480	.00000	.16370	.00130	.16310	.01411	11.56200	-.02730	.00020	.00060	-.00180
5.953	6.680	.00000	.25230	-.00910	.25150	.02132	11.79500	-.03810	.00020	.00060	-.00210
5.952	8.880	.00000	.35430	-.01970	.35310	.03525	10.01900	-.05290	.00020	.00020	-.00470
5.955	11.110	.00000	.45160	-.03030	.44900	.05733	7.83150	-.06770	.00150	.00280	-.00550
5.954	13.300	.00000	.54590	-.03030	.53820	.09609	5.63100	-.08510	.00020	.00080	-.00320
5.969	15.560	.00000	.64860	-.03400	.63400	.14131	4.48620	-.09950	.00010	.00050	-.00360
5.978	17.790	.00000	.75330	-.03960	.72910	.19339	3.77000	-.11310	.00090	.00090	-.00370
5.979	20.110	.00000	.87010	-.04970	.83410	.25249	3.30370	-.12510	.00140	.00100	-.00410
5.957	22.260	.01000	.92950	-.05490	.88110	.30127	2.92450	-.02700	.00270	.00120	-.00570
5.961	24.410	.01000	.97200	-.05720	.90880	.34950	2.60020	-.11850	.00200	.00140	-.00730
5.970	25.340	.01000	.95730	-.04700	.87870	.39272	2.29590	-.12560	.00340	.00110	-.00660

RUN NO. 89/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.970	-2.210	.00000	-.09640	.00670	-.09600	.01038	-9.24790	.00780	.00020	.00030	-.0010
7.963	-1.110	.00000	-.05480	.00370	-.05460	.00923	-5.91910	.00180	.00010	.00040	-.0020
7.980	.020	.00000	-.01150	.00870	-.01150	.00869	-1.32720	-.00410	.00030	.00030	-.0020
7.955	1.150	.00000	.03290	.00820	.03270	.00885	3.66950	-.01060	.00010	.00050	-.0040
7.973	2.350	.00000	.07770	.00670	.07740	.00990	7.81700	-.01610	.00010	.00050	-.0050
7.957	3.450	.00000	.12110	.00440	.12060	.01166	10.34300	-.02180	.00030	.00050	-.00150
7.956	4.590	.00000	.16750	.00280	.16690	.01420	11.75400	-.02760	.00010	.00050	-.00180
7.971	6.900	.00000	.23280	-.00970	.23210	.02196	11.93600	-.03350	.00020	.00050	-.00210
7.968	9.170	.00000	.30960	-.02280	.30760	.03460	10.33700	-.05200	.00030	.00140	-.00400
7.974	11.460	.00000	.45890	-.03510	.45580	.05580	8.18840	-.06520	.00160	.00150	-.00460
7.965	13.760	.00000	.56290	-.03960	.55620	.09549	5.82460	-.08420	.00220	.00330	-.00830
7.977	15.130	.01000	.67200	-.04000	.65670	.14921	4.43080	-.09190	.00310	.00150	-.00820
7.972	18.490	.01000	.78370	-.04570	.75810	.20421	3.71220	-.11410	.00160	.00150	-.00640
7.948	20.750	.01000	.85420	-.05420	.81990	.26199	3.23000	-.12370	.00220	.00150	-.00700
7.983	22.960	.01000	.92470	-.05810	.87410	.30727	2.84470	-.11740	.00510	.00180	-.00610
7.959	25.060	.01000	.94920	-.05730	.88410	.35018	2.52470	-.11640	.00630	.00130	-.00640
7.946	27.050	.01000	.96100	-.05170	.87940	.39099	2.24920	-.12640	.00290	.00090	-.00680

WING III 45-70-0008

AMES 12-086 (LAGE5)

(ANC021) (16 JUL 75)

REFERENCE DATA

SREF = .6156 SQ.FT. XMRP = 7.4627 IN. XB
 LREF = 8.7898 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 45.000
 FILSMP = 70.000 TESHP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 90/ 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
5.998	-2.140	.00010	.00030	.00350	396.00000
5.995	-1.060	.00020	.00040	.00340	397.00000
5.983	.070	.00010	.00040	.00350	396.00000
5.975	1.130	.00010	.00040	.00340	395.00000
5.955	2.240	.00020	.00050	.00360	393.00000
5.965	3.390	.00020	.00050	.00370	394.00000
5.963	4.480	.00020	.00060	.00360	394.00000
5.959	6.680	.00030	.00060	.00760	394.00000
5.962	8.880	.00050	.00190	.00370	395.00000
5.965	11.110	.00200	.00250	.00390	396.00000
5.954	13.300	.00040	.00070	.00430	395.00000
5.963	15.560	.00000	.00050	.00460	397.00000
5.968	17.790	.00230	.00020	.00480	398.00000
5.973	20.110	.00160	.00040	.00480	399.00000
5.967	22.260	.00300	.00010	.00590	398.00000
5.961	24.410	.00240	.00050	.00830	397.00000
5.970	26.340	.00080	.00080	.01170	393.00000

RUN NO. 89/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
7.970	-2.210	.00020	.00030	.00350	523.00000
7.963	-1.110	.00010	.00040	.00350	522.00000
7.980	.020	.00030	.00030	.00360	525.00000
7.955	1.150	.00020	.00040	.00360	524.00000
7.978	2.330	.00010	.00050	.00350	526.00000
7.957	3.450	.00030	.00040	.00340	524.00000
7.956	4.590	.00020	.00050	.00360	525.00000
7.971	6.900	.00030	.00050	.00360	527.00000
7.988	9.170	.00050	.00140	.00350	529.00000
7.974	11.460	.00130	.00120	.00380	528.00000
7.955	13.760	.00290	.00260	.00400	527.00000
7.977	16.130	.00230	.00090	.00440	529.00000
7.972	18.490	.00200	.00090	.00460	529.00000
7.948	20.750	.00260	.00050	.00500	526.00000
7.983	22.960	.00540	-.00040	.00640	532.00000
7.959	25.060	.00530	-.00150	.00890	529.00000
7.946	27.050	.00300	-.00050	.01220	528.00000

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LA65 TABULATED SOURCE DATA

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WING 111 45-65-0008

AMES 12-086 (LA65)

(RNC022) (16 JUL 75)

REFERENCE DATA

SREF = 5.051 SQ.FT. XMRP = 6.3646 IN. XB
 LREF = 8.0594 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 92/ 0 RN/L = 5.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.957	-2.190	.00000	-.09660	.00710	-.09630	.01079	-8.92440	.00040	-.00020	-.00090	.00370
5.946	-1.050	-.01000	-.04990	.00340	-.04970	.00927	-5.36660	-.00470	-.00020	-.00090	.00380
5.952	.070	.00000	-.00480	.00890	-.00480	.00893	-.53610	-.00900	-.00030	-.00080	.00370
5.942	1.190	-.01000	.04000	.00830	.03990	.00909	4.38220	-.01400	-.00030	-.00070	.00380
5.944	2.290	.00000	.09640	.00670	.08610	.01012	8.50390	-.01890	-.00030	-.00080	.00350
5.931	3.460	.00000	.13400	.00410	.13350	.01220	10.94300	-.02250	-.00030	-.00070	.00320
5.930	4.540	.00000	.17990	.00060	.17930	.01482	12.09600	-.02630	-.00030	-.00070	.00310
5.930	6.800	.00000	.27500	-.00370	.27420	.02293	11.95400	-.03470	-.00020	-.00070	.00310
5.926	9.060	.00000	.37660	-.02390	.37570	.03564	10.54000	-.04370	-.00010	-.00130	.00420
5.928	11.320	.00000	.48200	-.03860	.48020	.05669	8.47010	-.05480	-.00060	-.00140	.00400
5.930	13.610	.00000	.58400	-.05660	.58214	.09214	6.27950	-.06840	-.00160	-.00280	.00640
5.933	15.840	-.01000	.67450	-.04630	.66220	.13710	4.83030	-.08100	-.00400	-.00370	.01010
5.931	18.110	-.01000	.77020	-.04370	.74750	.19213	3.89070	-.09490	-.00660	-.00190	.00520
5.939	20.340	-.01000	.84530	-.05360	.81100	.24329	3.33350	-.08650	-.00390	-.00150	.00560
5.931	22.450	-.01000	.88470	-.05330	.83900	.28959	2.90300	-.08760	-.00120	-.00200	.00780
5.926	24.500	-.01000	.91510	-.04970	.82450	.33482	2.55300	-.09850	-.00250	-.00130	.00610
5.947	26.680	-.01000	.96800	-.04880	.86680	.39107	2.26770	-.11440	-.00080	-.00100	.00510

T/C = .080 LESMP = 45.000
 FILSMP = 65.000 TESMP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 91/ 0 RN/L = 7.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.956	-2.280	.0000	-.09770	.00670	-.09730	.01057	-9.20480	.00020	-.00010	-.00060	.00260
7.933	-1.120	.00000	-.05280	.00820	-.05260	.00921	-5.71320	-.00460	-.00010	-.00060	.00250
7.938	.030	.00000	-.00680	.00880	-.00680	.00882	-.77320	-.00930	-.00020	-.00060	.00250
7.942	1.200	.00000	.04020	.00630	.04000	.00910	4.39250	-.01430	-.00030	-.00060	.00250
7.937	2.350	.00000	.08850	.00640	.08820	.01008	8.75240	-.01690	-.00020	-.00060	.00230
7.929	3.580	.00000	.13780	.00370	.13730	.01228	11.18600	-.02290	-.00020	-.00060	.00220
7.923	4.690	.00000	.18560	-.00030	.18450	.01497	12.41100	-.02730	-.00020	-.00050	.00210
7.931	7.010	.00000	.28330	-.01110	.28220	.02350	12.01100	-.03550	-.00020	-.00050	.00190
7.947	9.390	.00000	.38770	-.02730	.38690	.03630	10.65800	-.04450	-.00000	-.00080	.00180
7.927	11.760	.00000	.49450	-.04330	.49340	.05638	8.75080	-.05440	-.00070	-.00070	.00200
7.930	14.110	.00000	.60290	-.05310	.59770	.09549	6.25930	-.07020	-.00020	-.00080	.00180
7.918	16.410	.00000	.69500	-.05270	.67730	.14452	4.68620	-.08390	-.00200	-.00170	.00380
7.913	18.790	-.01000	.77340	-.05260	.74920	.19812	3.76240	-.08670	-.00400	-.00140	.00450
7.913	21.030	.00000	.85650	-.05810	.82200	.25381	3.23920	-.09070	-.00080	-.00080	.00180
7.904	23.290	.00000	.92610	-.06320	.87560	.30819	2.84120	-.09240	-.00580	-.00090	.00170
7.939	25.350	.00000	.94160	-.05900	.87490	.35278	2.47990	-.10180	-.00350	-.00170	.00460
7.934	27.510	.00000	.98940	-.05490	.90210	.40778	2.21210	-.11410	-.00140	-.00110	.00280

LA65 TABULATED SOURCE DATA

WING 111 45-65-0008 AMES 12-086 (LA65) (ANC022) (16 JUL 75)

REFERENCE DATA

SREF = .58:1 SQ.FT. XMRP = 6.3646 IN. YB
LREF = 8.0594 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
FILSWP = 65.000 TESWP = 15.000
BETA = .000 MACH = .300
GRITNO = 120.000

RUN NO. 92/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.957	-2.190	-.00020	-.00100	.00460	399.00000
5.946	-1.050	-.00020	-.00090	.00460	398.00000
5.952	.070	-.00030	-.00080	.00450	400.00000
5.942	1.190	-.00040	-.00070	.00460	398.00000
5.944	2.290	-.00030	-.00080	.00470	399.00000
5.931	3.460	-.00030	-.00070	.00470	398.00000
5.930	4.540	-.00030	-.00070	.00470	398.00000
5.930	6.800	-.00030	-.00070	.00470	398.00000
5.926	9.050	-.00030	-.00130	.00490	398.00000
5.928	11.370	-.00080	-.00130	.00470	398.00000
5.930	13.610	-.00220	-.00230	.00500	399.00000
5.933	15.840	-.00490	-.00240	.00540	400.00000
5.931	18.110	-.00000	-.00200	.00590	399.00000
5.939	20.340	-.00310	-.00280	.00690	401.00000
5.931	22.450	-.00190	-.00140	.00900	400.00000
5.926	24.500	-.00280	-.00010	.01150	400.00000
5.947	26.590	-.00120	-.00060	.01340	403.00000

RUN NO. 91/ 0 RN/L = 7.93

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.956	-2.280	-.00010	-.00060	.00470	522.00000
7.933	-1.120	-.00000	-.00060	.00460	521.00000
7.938	.030	-.00020	-.00060	.00460	522.00000
7.942	1.200	-.00030	-.00060	.00460	523.00000
7.937	2.360	-.00020	-.00050	.00470	523.00000
7.929	3.580	-.00020	-.00050	.00450	523.00000
7.923	4.690	-.00030	-.00050	.00470	523.00000
7.930	7.010	-.00030	-.00060	.00470	524.00000
7.947	9.390	-.00010	-.00070	.00470	527.00000
7.927	11.760	-.00060	-.00060	.00460	526.00000
7.930	14.110	-.00050	-.00070	.00490	527.00000
7.918	16.410	-.00240	-.00110	.00530	526.00000
7.913	18.790	-.00420	-.00110	.00530	526.00000
7.913	21.030	-.00050	-.00100	.00750	527.00000
7.904	23.290	-.00500	-.00310	.00890	526.00000
7.939	25.350	-.00220	-.00090	.01170	531.00000
7.904	27.510	-.00070	-.00160	.01400	528.00000

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LA65 TABULATED SOURCE DATA

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WING 111 45-60-0008

AMES 12-086 (LA65)

(RNC023) (16 JUL 75)

REFERENCE DATA

SREF = .5643 SQ.FT. XMRP = 5.5958 IN. XB
 LREF = 7.5812 INCHES YMRP = .0000 IN. YB
 SREF = 13.1125 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 45.000
 FILSMP = 60.000 TESMP = 15.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 94/ 0 RN/L = 5.90

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.908	-2.150	.0000	-.09670	.00730	-.09640	.01094	-8.80430	.00320	.00000	.00020	.00240
5.906	-.990	-.01000	-.05040	.00880	-.05020	.00969	-5.17810	-.00150	.00000	.00030	.00280
5.912	.940	.00000	-.00620	.00910	-.00620	.00907	-.68430	-.00500	.00000	.00030	.00260
5.900	1.170	-.01000	.04250	.00870	.04230	.00960	4.40790	-.00900	-.00010	.00040	.00260
5.911	2.270	-.01000	.08910	.00710	.08870	.01054	8.33770	-.01170	-.00020	.00040	.00260
5.908	3.350	-.01000	.13450	.00470	.13400	.01254	10.69800	-.01440	-.00030	.00040	.00340
5.908	4.440	-.01000	.18260	.00120	.18200	.01535	11.86000	-.01790	-.00020	.00040	.00320
5.900	6.600	-.01000	.27590	-.00660	.27510	.02318	11.86600	-.02370	-.00020	.00040	.00280
5.913	8.780	.00000	.36570	-.02080	.36430	.03835	10.02200	-.03280	-.00020	-.00020	.00360
5.910	10.970	.00000	.45000	-.02980	.44670	.06403	7.60180	-.04310	-.00090	-.00040	.00430
5.893	13.40	-.01000	.53590	-.03560	.52970	.09874	5.87060	-.05480	-.00110	-.00020	.00410
5.893	15.90	-.01000	.62380	-.04310	.61410	.14167	4.61720	-.06080	-.00020	.00030	.00370
5.890	17.410	-.01000	.71810	-.05100	.71420	.18919	3.77490	-.07890	-.00120	.00020	.00440
5.879	19.500	-.01000	.81420	-.06100	.80670	.23006	3.23060	-.06620	-.00640	.00060	.00770
5.884	21.560	-.01000	.91200	-.07240	.90330	.27820	2.79820	-.09990	-.00160	.00050	.00520
5.903	23.660	-.01000	.96390	-.08200	.96300	.30491	2.49150	-.10750	-.00110	.00010	.00190
5.897	25.680	-.01000	.99260	-.09240	.99150	.35476	2.23520	-.11440	-.00110	.00280	.00270

RUN NO. 93/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.004	-2.170	.00000	-.09980	.00700	-.09950	.01082	-9.19490	.00340	.00020	.00030	.00060
7.989	-1.080	.00000	-.05530	.00820	-.05530	.00924	-5.98380	-.00080	.00020	.00030	.00020
7.977	.030	.00000	-.00720	.00870	-.00720	.00869	-.83010	-.00480	.00010	.00040	.00050
7.960	1.230	.00000	.04200	.00920	.04180	.00913	4.57650	-.00840	.00010	.00040	.00310
7.965	2.320	.00000	.08760	.00660	.08730	.01011	8.63310	-.01160	.00000	.00040	.00340
7.956	3.440	.00000	.13500	.00390	.13460	.01203	11.18700	-.01460	.00000	.00040	.00340
7.957	4.520	.00000	.18360	.00140	.18300	.01489	12.50000	-.01910	.00010	.00040	.00350
7.933	6.790	.00000	.28530	-.01030	.28450	.02347	12.12300	-.02480	-.00010	.00040	.00350
7.931	8.010	.00000	.38200	-.02350	.38080	.03822	10.22500	-.03300	-.00010	-.00040	.00200
7.939	11.270	-.01000	.49120	-.03410	.49000	.05980	8.27800	-.04120	-.00010	.00110	.00310
7.987	13.630	.00000	.60020	-.04180	.59930	.09681	5.94440	-.05520	-.00030	.00020	.00120
7.975	15.700	.00000	.68410	-.04730	.68330	.14347	4.67220	-.06890	-.00240	-.00040	.00320
7.954	17.870	-.01000	.75550	-.05350	.75090	.19527	3.74310	-.08240	-.00340	-.00010	.00390
7.956	20.000	-.01000	.81290	-.06330	.80800	.24468	3.16950	-.09620	-.00440	.00120	.00300
7.963	22.010	-.01000	.89340	-.07180	.89080	.28143	2.77450	-.10500	-.00400	.00110	.00300
7.964	24.090	.00000	.94530	-.08020	.94100	.31280	2.46120	-.10810	.00160	.00050	.00080
7.972	26.130	-.01000	.97590	-.08490	.97330	.35343	2.19390	-.11930	.00180	.00160	.00160

WING 111 45-60-0003

AMES 12-085 (LA65)

(ANC023) (15 JUL 75)

REFERENCE DATA

SREF = .5643 50.FT. XMRP = 5.5958 IN. X9
 LREF = 7.5812 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 94/ 0 RN/L = 5.90

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.908	-2.150	.00000	.00020	.00380	394.00000
5.906	-.990	.00000	.00030	.00390	394.00000
5.912	.040	.00000	.00030	.00390	396.00000
5.900	1.170	-.00010	.00040	.00390	394.07000
5.911	2.270	-.00020	.00040	.00390	396.00000
5.908	3.350	-.00030	.00040	.00400	395.00000
5.908	4.440	-.00020	.00040	.00380	396.00000
5.900	6.600	-.00020	.00040	.00370	395.00000
5.913	8.780	-.00030	-.00010	.00390	397.00000
5.900	10.970	-.00100	-.00020	.00410	396.00000
5.888	13.140	-.02110	.00010	.00450	394.00000
5.883	15.290	-.00030	.00030	.00480	394.00000
5.880	17.410	-.00110	.00060	.00550	394.00000
5.879	19.500	-.00590	.00270	.00670	394.00000
5.994	21.560	-.00130	.00100	.00860	395.00000
5.903	23.660	-.00170	.00110	.01110	398.00000
5.887	25.690	.00020	.00300	.01340	396.00000

PARAMETRIC DATA

T/C = .080 LESWP = 45.000
 FILSWP = 60.000 YESWP = 15.000
 BETA = .000 MACH = .300
 GR1TNO = 120.000

RUN NO. 93/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.004	-2.170	.00020	.00030	.00350	521.00000
7.989	-1.080	.00020	.00030	.00380	520.00000
7.977	.030	.00010	.00040	.00380	519.00000
7.966	1.230	.00010	.00040	.00380	518.00000
7.956	2.320	.00000	.00040	.00380	520.00000
7.967	3.440	.00000	.00040	.00380	519.00000
7.993	4.520	.00010	.00040	.00380	521.00000
7.931	6.790	-.00020	-.00040	.00380	526.00000
7.989	9.010	.00010	.00110	.00410	527.00000
7.987	11.270	.00020	.00030	.00430	527.00000
7.975	13.530	-.00020	.00030	.00480	526.00000
7.964	15.700	-.00350	.00090	.00540	526.00000
7.955	17.870	-.00370	.00260	.00650	525.00000
7.969	20.000	-.00330	.00250	.00890	527.00000
7.984	22.010	-.00170	.00020	.01190	530.00000
7.972	24.090	.00230	.00060	.01390	529.00000

REFERENCE DATA
 SREF = 5489 SO.FT. XMRP = 5.0190 IN. XB
 LREF = 7.2419 INCHES YMRP = .0000 IN. YB
 BRF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .060 LESMP = 45.000
 FILSMP = 55.000 TESMP = 15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.948	-2.150	-.01000	-.10730	.00750	-.10690	.01154	-9.26130	.00170	.00010	.00000	.00340
5.949	-1.660	.00000	-.05960	.00910	-.05940	.01023	-5.80640	-.00230	.00020	.00000	.00320
5.955	.020	.00000	-.01460	.00950	-.01460	.00950	-1.53810	-.00480	.00000	.00010	.00310
5.956	1.200	.00000	.03740	.00930	.03720	.00972	3.82850	-.00890	.00010	.00000	.00310
5.941	2.250	.00000	.08110	.00730	.08070	.01046	7.72210	-.01110	.00010	.00010	.00250
5.949	3.340	.00000	.13100	.00450	.13050	.01208	10.80600	-.01390	.00000	.00010	.00160
5.948	4.420	.00000	.17710	.00120	.17650	.01488	11.86300	-.01570	.00010	.00020	.00130
5.945	6.670	.00000	.27730	-.00920	.27650	.02310	11.96900	-.02050	.00020	.00010	.00100
5.939	8.860	.00000	.38550	-.02420	.38460	.03553	10.82600	-.02640	.00050	.00020	.00100
5.947	11.070	.00000	.49620	-.04070	.49480	.05529	8.94860	-.03320	.00070	.00030	.00020
5.949	13.290	.00000	.59800	-.04480	.59230	.09380	6.31420	-.04470	-.00030	.00010	.00060
5.954	15.420	.00000	.67080	-.03910	.66280	.14225	4.65930	-.05830	-.00030	.00010	.00060
5.942	17.570	.00000	.74890	-.03530	.72480	.19179	3.77930	-.07170	-.00010	.00030	.00100
5.948	19.730	.00000	.81320	-.03730	.77800	.23948	3.24090	-.08350	-.00100	.00020	.00160
5.948	21.760	-.01000	.86590	-.03610	.81560	.26868	2.84490	-.09670	-.00560	.00150	.00030
5.941	23.810	.00000	.87330	-.03850	.82000	.31975	2.56440	-.09960	-.00140	.00010	.00030
5.946	25.820	.00000	.86440	-.03420	.79300	.34576	2.29340	-.09970	-.00390	.00070	.00480

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.007	-2.220	.00000	-.10820	.00680	-.10790	.01102	-9.79150	.00130	.00010	.00010	.00170
7.999	-1.110	.00000	-.06400	.00850	-.06380	.00979	-6.51830	-.00230	.00000	.00020	.00140
8.006	.000	.00000	-.01400	.00900	-.01400	.00903	-1.55200	-.00570	.00020	.00020	.00110
7.988	1.110	.00000	.03710	.00850	.03690	.00932	3.96270	-.00910	.00020	.00030	.00090
7.995	2.330	.00000	.09720	.00690	.08680	.01039	8.35520	-.01190	.00010	.00020	.00070
7.984	3.450	.00000	.13470	.00410	.13420	.01217	11.02500	-.01400	.00020	.00020	.00060
7.982	4.550	.00000	.18350	.00050	.18290	.01502	12.17400	-.01610	.00020	.00020	.00040
7.980	6.840	.00000	.26950	-.01120	.26880	.02335	12.37000	-.02150	.00020	.00040	.00130
7.937	9.090	.00000	.35420	-.02670	.35350	.03585	10.97600	-.02570	.00070	.00050	.00210
7.971	11.420	.00000	.51050	-.04430	.50910	.05759	8.82470	-.03360	.00080	.00050	.00210
7.955	13.700	.00000	.61900	-.04910	.61540	.09894	6.19950	-.04660	-.00130	.00060	.00080
7.954	15.900	.00000	.70160	-.04610	.68740	.14783	4.64970	-.05960	-.00200	.00050	.00040
7.962	18.070	.00000	.77080	-.04310	.74610	.19910	3.76520	-.07220	.00010	.00050	.00330
7.932	20.260	.00000	.84760	-.04910	.81190	.24631	3.26960	-.08190	-.00090	.00060	.00350
7.987	22.380	.01000	.85400	-.04590	.84410	.29801	2.83260	-.09550	.00180	.00050	.00350
7.950	24.370	.01000	.93240	-.04330	.83294	.33294	2.52260	-.10360	.00420	.00110	.00350
7.951	26.330	.01000	.87860	-.04130	.80580	.35261	2.29510	-.09870	.00370	.00080	.00450

ORIGINAL PAGE IS
OF POOR QUALITY

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 86

WING 111 45-55-0008

AMES 12-086 (LA65)

(ANC024) (16 JUL 75)

REFERENCE DATA

SREF = .5489 50. FT. XMRP = 5.0190 IN. XB
 LREF = 7.2419 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 96/ 0 RN/L = 5.95

RN/FT	ALPHA	CSL	CLN	CPCAV	T/C	FILSWP	BETA	GRITNO	LESWP	TESWP	MACH
5.948	-2.150	.00010	.00000	.00420	.080	.55.000	.000	120.000	.45.000		
5.949	-1.060	.00020	.00000	.00420							
5.955	.020	.00000	.00010	.00420							
5.956	1.200	.00010	.00000	.00430							
5.941	2.250	.00010	.00010	.00450							
5.949	3.340	.00000	.00010	.00440							
5.948	4.420	.00010	.00020	.00430							
5.945	6.670	.00020	.00010	.00450							
5.939	8.860	.00050	.00010	.00450							
5.947	11.070	.00070	.00010	.00450							
5.949	13.290	-.00100	-.00010	.00430							
5.964	15.420	-.00030	.00020	.00560							
5.942	17.570	.00000	.00030	.06530							
5.947	19.730	-.00090	.00060	.00740							
5.949	21.760	-.00470	.00350	.00320							
5.941	23.810	-.00130	.00070	.01160							
5.946	25.820	.00380	-.00110	.01520							

RUN NO. 95/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	T/C	FILSWP	BETA	GRITNO	LESWP	TESWP	MACH
8.007	-2.220	.00010	.00010	.00400	.080	.55.000	.000	120.000	.45.000		
7.999	-1.110	.00000	.00020	.00410							
8.005	.000	.00020	.00020	.00410							
7.988	1.230	.00020	.00030	.00420							
7.995	2.330	.00010	.00020	.00410							
7.994	3.450	.00020	.00020	.00410							
7.982	4.550	.00020	.00010	.00410							
7.990	6.840	.00030	.00030	.00420							
7.937	9.050	.00070	.00030	.00430							
7.971	11.420	.00090	.00030	.00440							
7.956	13.700	-.00140	-.00030	.00500							
7.954	15.900	-.00210	.00010	.00550							
7.962	18.070	.00020	.00040	.00630							
7.932	20.260	-.00070	.00090	.00730							
7.987	22.380	.00160	-.00080	.00890							
7.950	24.370	.00340	-.00270	.01210							
7.951	26.330	.00790	-.00240	.01590							

PARAMETRIC DATA

T/C = .080 LESWP = .45.000
 FILSWP = .55.000 TESWP = .15.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 87

WING IV 53-53-0008

AMES 12-086 (LA65)

(RNC025) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 4.9327 IN. XB
 LREF = 7.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 53.000
 F.LSHP = 53.000 TESHIP = 7.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 33/ 0 RN/L = 1.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.926	-1.950	.0000	-.04560	.01140	-.04520	.01292	-3.49440	-.01030	.00080	.00060	-.00380
1.919	-1.980	.0000	-.00030	.01330	.00000	.01328	-.00270	-.01690	.00060	.00050	-.00340
1.918	.110	.0000	.04520	.01400	.04520	.01409	3.20870	-.02130	.00070	.00070	-.00420
1.919	1.120	.0000	.09290	.01380	.09290	.01558	5.94260	-.02780	.00070	.00060	-.00370
1.918	2.130	.0000	.13940	.01220	.13880	.01738	7.98680	-.03050	.00070	.00050	-.00250
1.913	3.190	.0000	.18550	.01020	.18470	.02051	9.00400	-.03470	.00050	.00030	-.00070
1.913	4.220	.0000	.23690	.00730	.23570	.02471	9.53810	-.03870	.00040	.00020	-.00020
1.912	6.300	.0000	.32860	-.00180	.32680	.03432	9.52200	-.04580	.00030	.00030	-.00050
1.919	8.330	.0000	.42630	-.01100	.42340	.05087	8.32360	-.05450	.00050	.00020	-.00090
1.908	10.410	.0000	.52390	-.01910	.51870	.07584	6.83950	-.06200	.00050	.00000	-.00120
1.909	12.470	.0000	.61690	-.02430	.61190	.10818	5.56260	-.06720	.00060	.00110	-.00210
1.908	14.530	.0000	.68670	-.03010	.68200	.14569	4.68050	-.07490	.00060	.00100	-.00180
1.905	16.590	.0000	.78100	-.03200	.75760	.19244	3.93090	-.08400	.00100	.00070	-.00270
1.913	18.640	.0000	.84900	-.03210	.81480	.24094	3.38150	-.09200	.00100	.00100	-.00250
1.910	20.660	.0000	.92970	-.03100	.89090	.29896	2.94640	-.10860	.00130	.00130	-.00350
1.910	22.680	.0000	.94500	-.02080	.87990	.34323	2.54880	-.12680	.00170	.00080	-.00280
1.907	24.700	.0000	.94580	-.01640	.86710	.38062	2.27800	-.13440	.00200	.00100	-.00310

RUN NO. 32/ 0 RN/L = 3.87

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.893	-2.050	.0000	-.08010	.00910	-.07970	.01196	-6.66630	-.00440	.00040	.00030	.00030
3.879	-1.000	.0000	-.03540	.01060	-.03520	.01117	-3.14870	-.00840	.00020	.00020	.00040
3.876	.070	.0000	.01330	.01100	.01330	.01105	1.19930	-.01380	.00020	.00030	.00020
3.882	1.130	.0000	.06600	.01060	.05970	.01174	5.08750	-.01710	.00030	.00030	.00010
3.893	2.200	.0000	.10800	.00920	.10750	.01338	8.03370	-.02230	.00030	.00040	-.00010
3.872	3.230	.0000	.15520	.00690	.15450	.01554	9.94940	-.02600	.00030	.00040	-.00030
3.891	4.310	.0000	.21190	.00320	.21100	.01836	10.94600	-.02950	.00020	.00030	.00050
3.873	6.430	.0000	.29620	-.00650	.29500	.02657	11.10500	-.03540	.00030	.00020	.00120
3.879	8.590	.0000	.39730	-.02050	.39590	.03914	10.11600	-.04140	.00070	.00040	.00290
3.871	10.700	.0000	.49830	-.03240	.49560	.06056	8.17110	-.04950	.00050	.00020	.00100
3.872	12.820	.0000	.59630	-.03660	.59020	.09670	6.10280	-.05810	.00020	.00180	-.00170
3.877	14.970	.0000	.69700	-.04590	.67560	.13258	5.09570	-.06550	.00080	.00060	.00330
3.870	17.030	.0000	.76930	-.04560	.74900	.18166	4.12290	-.07620	.00050	.00010	.00240
3.872	19.140	.0000	.83990	-.04420	.80790	.23363	3.45820	-.08490	.00070	.00060	.00040
3.867	21.210	.0000	.90630	-.03710	.85630	.29330	2.92640	-.10400	.00030	.00050	-.00130
3.869	23.240	.0000	.93510	-.02700	.86930	.34414	2.52780	-.11980	.00490	.00060	-.00270
3.865	25.250	.0000	.92740	-.02170	.84820	.37559	2.25830	-.12730	.00230	.00030	-.00260

ORIGINAL PAGE IS OF POOR QUALITY

WING IV 53-53-0008

AMES 12-086 (LA65)

(RNC025) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.F.T. XMRP = 4.9327 IN. XB
 LREF = 7.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSWP = 53.000 TESWP = 7.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 31/ 0 RN/L = 5.84

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.860	-2.100	.0000	-.09690	.00740	-.09660	.01095	-8.819+0	-.00070	.00030	.00020	.00030
5.855	-1.060	.0000	-.05310	.00880	-.05300	.00977	-5.41900	-.00440	.00020	.00020	.00020
5.848	.040	.0000	-.00350	.00930	-.00350	.00930	-.37780	-.00900	.00020	.00020	.00020
5.852	1.173	.0000	.04510	.00910	.04590	.01006	4.56150	-.01340	.00020	.00020	.00000
5.845	2.230	.0000	.09350	.00750	.09310	.01113	8.36830	-.01750	.00020	.00020	.00010
5.847	3.310	.0000	.14160	.00490	.14110	.01303	10.82800	-.02130	.00020	.00030	.00010
5.839	4.450	.0000	.19080	.00090	.19020	.01577	12.05900	-.02380	.00020	.00040	.00040
5.843	6.590	.0000	.26680	-.00950	.26600	.02338	12.23500	-.03030	.00040	.00020	.00050
5.840	8.830	.0000	.36620	-.02560	.36540	.03555	11.12300	-.03770	.00080	-.00030	.00240
5.839	11.000	.0000	.50300	-.04260	.50190	.05412	9.27520	-.04660	-.00010	-.00110	.00310
5.839	13.200	.0000	.59740	-.05160	.59340	.08611	6.89060	-.05400	-.00120	-.00170	.00550
5.832	15.360	.0000	.68940	-.06290	.6870	.13163	5.15650	-.06450	-.00120	-.00070	.00350
5.840	17.520	.0000	.77850	-.07500	.77880	.18241	4.15360	-.07690	-.00130	-.00050	.00360
5.823	19.670	.0000	.85420	-.08450	.82270	.23616	3.48350	-.08800	-.00020	-.00000	.00240
5.821	21.750	.0000	.91960	-.09200	.87340	.29256	2.98530	-.10080	-.00030	.00030	.00150
5.818	23.850	.0000	.98520	-.09510	.90300	.34446	2.62160	-.11370	-.00080	.00080	.00120
5.825	25.850	.0000	.96150	-.04120	.68320	.38236	2.30980	-.12480	-.00110	.00130	.00010

RUN NO. 30/ 0 RN/L = 7.90

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.929	-2.190	.0000	-.10410	.00680	-.10370	.01680	-9.60710	.00130	.00030	.00010	.00040
7.939	-1.100	.0000	-.05750	.00840	-.05740	.00945	-6.07010	-.00360	.00020	.00010	.00030
7.939	.020	.0000	-.00920	.00930	-.00920	.00929	-.99230	-.00810	.00020	.00010	.00010
7.928	1.180	.0000	.04280	.00870	.04260	.00955	4.45690	-.01280	.00010	.00010	.00040
7.905	2.230	.0000	.09110	.00690	.09110	.01056	8.62970	-.01670	.00010	.00010	.00060
7.906	3.410	.0000	.14090	.00390	.14040	.01226	11.45000	-.01990	.00010	.00010	.00040
7.892	4.510	.0000	.18210	.00220	.18750	.01502	12.48100	-.02260	.00010	.00010	.00040
7.893	6.770	.0000	.25540	-.01170	.29170	.02289	12.74700	-.02960	.00010	-.00010	.00240
7.914	9.040	.0000	.33980	-.02790	.33820	.03510	11.34500	-.03640	-.00070	-.00040	.00250
7.903	11.320	.0000	.50950	-.04500	.50850	.05588	9.10070	-.04610	-.00030	-.00070	.00320
7.898	13.560	.0000	.61100	-.05480	.60490	.09006	6.73840	-.05510	.00060	.00100	.00080
7.877	15.820	.0000	.70580	-.06380	.59530	.12463	5.15180	-.06530	-.00020	.00010	.00220
7.885	18.020	.0000	.79110	-.06320	.77180	.16465	4.17980	-.07640	-.00110	-.00030	.00350
7.870	20.230	.0000	.85730	-.06370	.83590	.24012	3.48100	-.08860	.00000	.00000	.00240
7.820	22.360	.0000	.93070	-.05930	.88350	.29870	2.95800	-.10270	-.00080	.00040	.00190
7.861	24.430	.0000	.97130	-.05360	.90660	.35288	2.56910	-.11700	-.00130	.00120	.00180
7.972	26.330	.0000	.94100	-.04200	.86200	.37976	2.27000	-.12640	-.00050	.00130	.00060

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

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(ANC025) (16 JUL 75)

AMES 12-086 (LA65)

WING IV 53-53-008

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 4.3227 IN. XB
 LREF = 7.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSWP = 53.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 33/ 0 RN/L = 1.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
1.926	-1.950	.00080	.00060	.00370	125.00000
1.919	-.980	.00060	.00050	.00370	125.00000
1.918	.110	.00070	.00070	.00370	125.00000
1.918	2.130	.00070	.00050	.00380	125.00000
1.913	3.190	.00050	.00020	.00400	125.00000
1.912	6.300	.00050	.00020	.00390	125.00000
1.909	8.330	.00050	.00010	.00400	124.00000
1.903	10.410	.00060	.00070	.00430	125.00000
1.903	12.470	.00680	.00090	.00430	125.00000
1.905	14.530	.00590	.00080	.00580	124.00000
1.913	16.590	.00120	.00040	.00670	126.00000
1.913	18.640	.00010	.00100	.00750	125.00000
1.910	20.660	.00010	.00130	.00830	125.00000
1.907	22.680	.00190	.00100	.01310	125.00000

RUN NO. 32/ 0 RN/L = 3.87

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.893	-2.050	.00040	.00030	.00400	259.00000
3.879	-1.000	.00020	.00020	.00410	258.00000
3.876	.070	.00020	.00030	.00400	258.00000
3.882	1.130	.00030	.00030	.00410	259.00000
3.880	2.200	.00030	.00040	.00410	259.00000
3.872	3.230	.00030	.00040	.00420	258.00000
3.881	4.310	.00020	.00030	.00410	259.00000
3.873	6.430	.00030	.00020	.00420	258.00000
3.879	8.590	.00070	.00050	.00410	259.00000
3.871	10.700	.00100	.00020	.00420	258.00000
3.872	12.820	.00230	.00130	.00460	258.00000
3.877	14.930	-.00100	-.00040	.00500	260.00000
3.870	17.030	-.00050	.00020	.00590	259.00000
3.872	19.140	.00080	.00030	.00690	259.00000
3.867	21.210	.00040	.00040	.00830	258.00000
3.869	23.240	.00420	.00250	.01020	259.00000
3.865	25.230	.00230	-.00070	.01360	259.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING IV 53-53-0008

AMES 12-086 (LA65)

(ANC025) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 4.9327 IN. XB
 LREF = 7.0903 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0060

RUN NO. 31 / 0 RN/L = 5.84

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.860	-2.100	.00030	.00020	.00400	389.00000
5.855	-1.060	.00020	.00020	.00400	388.00000
5.848	.040	.00020	.00020	.00410	388.00000
5.852	1.170	.00020	.00020	.00410	389.00000
5.845	2.230	.00020	.00020	.00410	388.00000
5.847	3.310	.00020	.00030	.00420	389.00000
5.839	4.460	.00020	.00020	.00420	388.00000
5.843	6.580	.00040	.00020	.00410	389.00000
5.840	8.830	.00080	-.00040	.00430	389.00000
5.839	11.000	-.00030	-.00110	.00440	389.00000
5.839	13.200	-.00160	-.00140	.00460	390.00000
5.832	15.360	-.00140	-.00040	.00520	389.00000
5.840	17.520	-.00140	-.00010	.00610	390.00000
5.823	19.670	-.00020	-.00000	.00710	388.00000
5.821	21.750	-.00010	.00040	.00830	388.00000
5.818	23.850	-.00040	.00110	.01060	389.00000
5.825	25.860	-.00040	.00170	.01400	390.00000

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSWP = 53.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 30 / 0 RN/L = 7.90

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
7.929	-2.180	.00030	.00010	.00400	516.00000
7.939	-1.100	.00020	.00010	.00410	520.00000
7.939	.020	.00020	.00010	.00390	521.00000
7.928	1.180	.00010	.00010	.00400	520.00000
7.905	2.290	.00010	.00010	.00410	518.00000
7.906	3.410	.00010	.00010	.00410	518.00000
7.892	4.510	.00010	.00010	.00420	518.00000
7.893	6.770	.00010	-.00010	.00420	519.00000
7.914	9.040	.00060	-.00060	.00410	522.00000
7.903	11.320	-.00040	-.00070	.00440	523.00000
7.898	13.560	.00090	-.00080	.00470	525.00000
7.877	15.820	-.0010	.00010	.00530	524.00000
7.885	18.020	-.00110	.00010	.00600	526.00000
7.870	20.230	.00000	.00000	.00720	524.00000
7.880	22.360	-.00060	.00070	.00870	526.00000
7.861	24.430	-.00070	.00170	.01090	524.00000
7.872	26.330	.00010	.00140	.01420	526.00000

WING IV 53-80-0008

AMES 12-085 (LA65)

(RNC026) (16 JUL 75)

REFERENCE DATA

SREF = .7469 SQ.FT. XMRP = 12.4738 IN. XB
 LREF = 12.7382 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 99/ 0 RN/L = 3.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.942	-2.080	.00000	-.07140	.00680	-.07110	.00941	-7.559410	.01790	-.00050	-.00070	.00190
3.942	-1.010	.00000	-.03860	.00770	-.03850	.00837	-4.59960	.00780	-.00050	-.00070	.00180
3.941	.040	.00000	-.00550	.00810	-.00550	.00807	-.68010	-.00200	-.00060	-.00080	.00190
3.940	1.090	.00000	.02680	.00790	.02670	.00842	3.16920	-.01100	-.00060	-.00080	.00200
3.936	2.160	.00000	.06230	.00700	.06200	.00938	6.61130	-.02180	-.00060	-.00050	.00170
3.935	3.220	.00000	.09490	.00540	.09450	.01076	8.77830	-.03150	-.00050	-.00050	.00160
3.935	4.310	.00000	.13340	.00330	.13280	.01298	10.23300	-.04250	-.00070	-.00040	.00140
3.941	6.450	.00000	.20210	.00330	.20120	.01944	10.35100	-.06200	-.00050	-.00050	.00120
3.935	8.560	.00000	.28150	.00860	.27360	.03337	8.37950	-.06480	-.00050	-.00080	.00090
3.935	10.730	.00000	.36640	.01350	.36250	.05495	6.59630	-.10800	-.00070	-.00130	.00030
3.935	12.920	.00000	.45100	.01740	.44340	.08385	5.28840	-.12860	-.00040	-.00140	.00380
3.934	15.080	.00000	.53770	.01880	.52400	.12180	4.30250	-.14980	-.00040	-.00180	.00280
3.930	17.250	.00000	.63030	.02080	.60810	.16709	3.63920	-.17260	-.00110	-.00220	.00140
3.918	19.430	.00000	.74340	.02360	.70860	.22579	3.13840	-.20360	-.00030	-.00250	.00490
3.941	21.710	.00000	.85750	.02690	.80660	.29221	2.76040	-.23350	-.00030	-.00250	.00460
3.925	23.950	.00000	.99370	.03180	.92630	.37723	2.45560	-.27660	-.00320	-.00250	.00460
3.943	26.260	.04000	1.09360	.03530	.93630	.45118	2.20950	-.29760	-.00420	-.00320	.00270

RUN NO. 98/ 0 RN/L = 5.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.946	-2.090	.00000	-.07110	.00690	-.07080	.00947	-7.47830	.01760	-.00050	-.00090	.00220
5.938	-1.010	.00000	-.03900	.00780	-.03890	.00950	-4.57400	.00790	-.00050	-.00090	.00210
5.925	.050	.00000	-.00530	.00800	-.00530	.00795	-.66820	-.00190	-.00050	-.00080	.00200
5.952	1.150	.00000	.02930	.00760	.02910	.00819	3.54400	-.01200	-.00060	-.00060	.00120
5.936	2.220	.00000	.06300	.00660	.06270	.00899	6.97490	-.02210	-.00050	-.00030	.00080
5.931	3.360	.00000	.09970	.00450	.09940	.01036	9.58450	-.03280	-.00050	-.00040	.00090
5.927	4.430	.00000	.13340	.00200	.13290	.01235	0.75900	-.04220	-.00060	-.00040	.00080
5.926	6.650	.00000	.20630	.00450	.20550	.01941	10.58800	-.06290	-.00040	-.00010	.00050
5.936	8.860	.00000	.29040	.01310	.28890	.03178	9.09140	-.08600	-.00050	-.00040	.00170
5.934	11.120	.01000	.37840	.01830	.37480	.05500	6.81500	-.11020	-.00000	-.00030	.00280
5.933	13.370	.01000	.46220	.02320	.45370	.08440	5.39950	-.13110	-.00000	-.00080	.00410
5.923	15.610	.01000	.54370	.02930	.52930	.12294	4.27540	-.14900	-.00050	-.00120	.00450
5.914	17.890	.00000	.63670	.02340	.61310	.17333	3.53740	-.17380	-.00170	-.00290	.00450
5.914	20.210	.00000	.72640	.02750	.73250	.24035	3.04750	-.21380	-.00050	-.00240	.00290
5.925	22.610	.01000	.83490	.03170	.83830	.31481	2.66290	-.24690	-.00070	-.00210	.00290
5.925	25.090	.05000	1.03450	.03620	.95280	.40444	2.35590	-.28910	-.00370	-.00270	.00150
5.916	27.280	.07000	1.12830	.04030	1.02130	.48127	2.12200	-.30890	-.00320	-.00270	.002640

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSWP = 80.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

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WING IV 53-80-0008

AMES 12-086 (LA65)

(RNC026) (16 JUL 75)

REFERENCE DATA

SREF = .7469 SQ.FT. XMRP = 12.4738 IN. XB
 LREF = 12.7382 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

T/C = .080 LESWP = 53.000
 FILSWP = 80.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 97/ 0 RN/L = 7.99

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.016	-2.170	.00000	-.07370	.00630	-.07340	.00906	-8.11070	.01820	-.00050	-.00100	.00240
8.002	-1.090	.00000	-.04010	.00760	-.03990	.00833	-4.79760	.00810	-.00060	-.00090	.00220
8.001	.060	.00000	-.00400	.00790	-.00410	.00793	-.51110	.00240	-.00050	-.00080	.00160
7.998	1.180	.00000	.03050	.00760	.03040	.00827	3.67380	-.01240	-.00050	-.00070	.00140
7.979	2.290	.00000	.06580	.00650	.06550	.00916	7.15080	-.02290	-.00060	-.00050	.00130
7.975	3.470	.00000	.10230	.00430	.10190	.01047	9.72940	-.03330	-.00050	-.00030	.00040
7.976	4.530	.00000	.13620	.00190	.13560	.01268	10.69400	-.04290	-.00050	-.00020	.00010
7.972	5.720	.00000	.17660	.00190	.17590	.01567	11.22400	-.05450	-.00050	-.00030	.00060
7.972	6.830	.00000	.21350	.00560	.21270	.01980	10.74300	-.06490	-.00030	-.00060	.00230
8.009	9.150	.01000	.29830	-.01450	.29680	.03313	8.95840	-.08790	-.00010	-.00070	.00370
8.003	11.500	.01000	.38880	-.02070	.38510	.05719	6.73400	-.11200	-.00080	-.00170	.00560
7.996	13.840	.01000	.47710	-.02470	.45920	.09022	5.20030	-.13370	-.00040	-.00040	.00310
8.003	16.190	.01000	.56120	-.02410	.54560	.13330	4.09320	-.15320	-.00260	-.00190	.00400
7.995	18.570	.00000	.66160	-.02690	.64580	.18518	3.43310	-.18000	-.00060	-.00250	.00480
7.973	21.060	.00000	.80620	-.03010	.78320	.26163	2.91690	-.22410	-.00310	-.00160	.01210
7.998	23.610	.04000	.94070	-.03490	.87600	.34473	2.54100	-.26180	-.00340	-.00250	.02610
7.973	26.090	.01000	1.07370	-.03910	.98140	.43712	2.24520	-.30010	-.00340	-.00250	.02610
7.976	28.530	.09000	1.16190	-.04400	1.04180	.51626	2.01810	-.31530	-.00170	-.00260	.02710

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

PAGE 93

(ANC026) (16 JUL 75)

AMES 12-086 (LA65)

WING IV 53-80-008

REFERENCE DATA

SREF = .7469 SQ.FT. XMRP = 12.4738 IN. XB
 LREF = 12.7382 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DAT

T/C = .080 LESWP = 53.000
 FILSWP = 80.000 YESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 99/ 0 RN/L = 3.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
3.942	-2.080	-.00050	-.00070	.00250	261.00000
3.942	-1.010	-.00050	-.00070	.00250	261.00000
3.941	.040	-.00060	-.00080	.00250	261.00000
3.940	1.090	-.00060	-.00080	.00260	261.00000
3.936	2.160	-.00060	-.00050	.00260	261.00000
3.935	3.220	-.00060	-.00040	.00260	261.00000
3.936	4.310	-.00070	-.00030	.00270	261.00000
3.941	6.450	-.00060	-.00050	.00270	261.00000
3.941	8.560	-.00060	-.00070	.00270	262.00000
3.936	10.730	-.00100	-.00110	.00300	262.00000
3.935	12.920	-.00050	-.00060	.00330	262.00000
3.934	15.080	-.00000	-.00140	.00340	262.00000
3.930	17.250	-.00050	-.00210	.00330	262.00000
3.918	19.490	-.00060	-.00220	.00300	260.00000
3.941	21.710	-.00120	-.00220	.00280	263.00000
3.929	23.980	-.00390	-.00100	.00320	262.00000
3.943	26.200	-.00520	-.00100	.00370	264.00000

RUN NO. 98/ 0 RN/L = 5.93

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
5.946	-2.090	-.00040	-.00090	.00250	394.00000
5.938	-1.010	-.00050	-.00090	.00250	393.00000
5.925	.050	-.00050	-.00080	.00260	392.00000
5.952	1.150	-.00060	-.00060	.00260	396.00000
5.936	2.220	-.00050	-.00020	.00270	394.00000
5.931	3.360	-.00050	-.00040	.00270	394.00000
5.931	4.430	-.00060	-.00030	.00270	394.00000
5.927	6.550	-.00040	-.00010	.00260	394.00000
5.926	8.860	-.00040	-.00050	.00280	394.00000
5.936	11.120	-.00000	-.00030	.00300	396.00000
5.934	13.370	-.00050	-.00070	.00330	396.00000
5.923	15.610	-.00080	-.00100	.00370	397.00000
5.923	17.890	-.00070	-.00030	.00360	395.00000
5.914	20.210	-.00130	-.00200	.00290	395.00000
5.908	22.610	-.00140	-.00170	.00290	394.00000
5.925	25.000	-.00450	-.00080	.00310	397.00000
5.916	27.260	-.00410	-.00090	.00370	396.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING IV 53-80-0008

AMES 12-086 (LA65)

(ANC026) (16 JUL 75)

REFERENCE DATA

SREF = 7469 SO.FT. XMRP = 12.4738 IN. XB
 LREF = 12.7382 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSMP = 80.000 TESMP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 97/ 0 RN/L = 7.99

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.016	-2.170	-.00050	-.00100	.00260	525.00000
8.002	-1.090	-.00060	-.00100	.00260	523.00000
8.001	.060	-.00050	-.00080	.00270	524.00000
7.998	1.180	-.00050	-.00070	.00260	524.00000
7.979	2.290	-.00060	-.00050	.00260	523.00000
7.976	3.470	-.00050	-.00030	.00270	523.00000
7.976	4.530	-.00050	-.00020	.00260	523.00000
7.976	5.720	-.00050	-.00010	.00270	524.00000
7.972	6.830	-.00050	.00040	.00270	524.00000
8.009	9.150	-.00030	.00060	.00270	529.00000
8.003	11.500	.00000	.00070	.00290	529.00000
7.996	13.840	.00120	.00150	.00350	530.00000
8.003	16.190	-.00130	.00080	.00370	531.00000
7.995	18.570	-.00190	.00270	.00350	531.00000
7.973	21.060	.00150	.00210	.00280	529.00000
7.998	23.610	.00350	.00200	.00300	533.00000
7.973	26.090	.00410	.00080	.00320	531.00000
7.976	28.530	.00280	.00140	.00400	532.00000

REFERENCE DATA

SREF = .6489 SQ.FT. XMRP = 9.2479 IN. XB
 LREF = 10.0355 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 53.070
 FILSWP = 75.000 TFSWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 102/ 0 RN/L = 3.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.953	-1.990	.0000	-.08620	.00740	-.08530	.01037	-8.28300	.01280	-.00030	-.00100	.00180
3.945	-.990	.0000	-.05110	.00790	-.05100	.00879	-5.79760	.00590	-.00030	-.00090	.00170
3.943	.040	.0000	-.01470	.00820	-.01500	.00818	-1.82780	-.00160	-.00030	-.00080	.00160
3.935	1.070	.0000	.02640	.00790	.02620	.00839	3.12390	.00970	-.00020	-.00070	.00160
3.934	2.120	.0000	.05440	.00650	.05420	.00893	7.18070	-.00040	-.00040	-.00070	.00290
3.934	3.230	.0000	.10510	.00460	.10470	.01054	9.93460	-.02570	-.00030	-.00060	.00270
3.931	4.220	.0000	.14320	.0240	.14260	.01292	11.04300	-.03330	-.00060	-.00060	.00280
3.933	6.310	.0000	.22200	.00490	.22120	.01955	11.31400	-.04980	-.00030	-.00090	.00370
3.938	8.420	.0000	.30560	-.01430	.30440	.01953	9.96940	-.06740	-.00040	-.00140	.00500
3.934	10.450	.0000	.38680	-.02220	.38440	.04836	7.95000	-.08400	-.00060	-.00150	.00460
3.934	12.600	.0000	.48270	-.02670	.47690	.07827	6.01590	-.10400	-.00030	-.00050	.00390
3.930	14.700	.0000	.58270	-.02920	.57080	.12050	4.73660	-.12190	-.00050	-.00030	.00390
3.928	16.800	.0000	.68140	-.03200	.66160	.15635	3.97720	-.14080	-.00200	-.00080	.00480
3.922	18.960	.0000	.83380	-.03720	.77230	.22605	3.41640	-.16810	-.00210	-.00070	.00580
3.929	21.080	.0000	.93080	-.04390	.88430	.29389	3.00900	-.19440	-.00010	-.00060	.00770
3.924	23.210	-.0100	1.04230	-.05090	.97800	.36406	2.68640	-.21490	-.00130	-.00080	.00880
3.923	25.350	-.0100	1.10170	-.05590	1.01960	.42121	2.42050	-.21460	-.00590	-.00160	.01430

RUN NO. 101/ 0 RN/L = 5.89

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.919	-2.070	.0000	-.08430	.00680	-.08400	.00983	-8.55140	.01390	-.00010	-.00050	.00120
5.912	-1.010	.0000	-.04600	.00760	-.04590	.00841	-5.44890	.00600	-.00010	-.00050	.00140
5.905	.050	.0000	-.00800	.00800	-.00800	.00802	-.98890	-.00220	-.00010	-.00030	.00120
5.888	1.120	.0000	.03170	.00760	.03160	.00824	3.62970	-.01030	-.00010	-.00020	.00100
5.885	2.170	.0000	.06990	.00640	.06960	.00904	7.16920	-.01810	-.00010	-.00020	.00080
5.875	3.290	.0000	.11180	.00440	.11140	.01083	10.28500	-.02670	-.00010	-.00020	.00160
5.875	4.360	.0000	.15110	.00140	.15050	.01292	11.63400	-.03430	-.00020	-.00020	.00140
5.876	6.430	.0000	.22930	-.00590	.22850	.01992	11.53100	-.05130	-.00000	-.00060	.00220
5.870	8.550	.0000	.31700	-.01620	.31530	.03083	10.24600	-.06950	-.00020	-.00120	.00320
5.901	10.690	.0000	.40080	-.01520	.39860	.04958	8.03900	-.08980	-.00010	-.00210	.00520
5.889	12.840	.0000	.48330	-.03000	.48014	.08014	6.07180	-.10570	-.00070	-.00110	.00450
5.880	15.030	.0000	.56700	-.03290	.56220	.12222	4.76400	-.12530	-.00100	-.00100	.00370
5.891	17.200	.0000	.68860	-.03700	.68370	.16834	3.97220	-.14190	-.00080	-.00020	.00330
5.876	19.340	.0000	.75860	-.04130	.75370	.22546	3.40300	-.16790	-.00310	-.00060	.00520
5.878	21.550	-.0100	.93760	-.04580	.89040	.29811	2.98680	-.19950	-.00050	-.00030	.00570
5.895	23.790	-.0100	1.05540	-.05780	.98900	.37292	2.65210	-.22130	-.00020	-.00020	.00510
5.881	25.860	-.0100	1.05500	-.06050	.98480	.40930	2.40250	-.22040	-.00040	-.00040	.00650

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING IV 53-75-008

AMES 12-086 (LA65)

(RNC027) (16 JUL 75)

REFERENCE DATA

.6489 SQ.FT. XMRP = 9.2473 IN. XB
 10.0355 INCHES YMRP = .0000 IN. YB
 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSWP = 75.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 100/ 0 RN/L = 7.91

ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.876	.00000	-.08330	.00650	-.08300	.00959	-8.65490	.01380	.00000	-.00010	-.00080
7.891	.00000	-.04420	.00770	-.04410	.00847	-5.20630	.00550	.00000	.00000	-.00060
7.900	.00000	-.00600	.00820	-.00600	.00815	-.73120	-.00270	-.00010	.00010	-.00080
7.910	.00000	.03600	.00770	.03580	.00845	4.23810	-.01140	.00010	.00000	-.00010
7.913	.00000	.07460	.00650	.07430	.00942	7.88570	-.01910	.00000	.00000	-.00030
7.903	.00000	.11430	.00440	.11390	.01099	10.36200	-.02730	.00000	-.00010	.00030
7.911	.00000	.15320	.00150	.15270	.01317	11.59500	-.03560	-.00010	.00000	.00010
7.907	.00000	.19320	-.00230	.19260	.01607	11.98400	-.04360	.00000	-.00020	.00050
7.921	.00000	.23830	-.00690	.23760	.02034	11.68000	-.05320	.00020	-.00040	.00060
7.913	.00000	.32580	-.01780	.32470	.03185	10.19300	-.07110	-.00010	-.00140	.00290
7.917	.01000	.41110	-.02740	.40880	.05102	8.01260	-.08850	-.00080	-.00250	.00460
7.924	.00000	.50370	-.03250	.49800	.08265	6.02510	-.10710	-.00130	-.00230	.00560
7.894	.00000	.61100	-.03500	.59940	.12821	4.67550	-.12820	-.00020	-.00060	.00370
7.892	.00000	.69870	-.03830	.67760	.17454	3.68230	-.14310	-.00390	-.00070	.00350
7.885	.00000	.81450	-.04410	.78140	.23416	3.33710	-.16950	-.00320	-.00070	.00450
7.891	-.01000	.95380	-.05340	.90940	.31148	2.91980	-.20280	-.00060	-.00070	.00540
7.876	-.01000	1.07600	-.06150	1.00570	.38754	2.59510	-.22530	-.00080	-.00040	.00560
7.876	-.01000	1.07080	-.06410	.98720	.41983	2.35130	-.19980	-.00030	-.00080	.00690

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING IV 53-75-008

AMES 12-086 (LA65)

(ANC027) (16 JUL 75)

REFERENCE DATA

SPEF = .6489 SQ.FT. XMRP = 9.2479 IN. XB
 LREF = 10.0355 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0007

RUN NO. 102/ 0 RN/L = 3.93

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
3.953	-1.990	-.00030	-.00100	.00270	261.00000
3.945	-.990	-.00030	-.00090	.00280	260.00000
3.943	.040	-.00030	-.00080	.00290	260.00000
3.935	1.070	-.00020	-.00070	.00300	260.00000
3.934	2.120	-.00040	-.00070	.00310	260.00000
3.934	3.230	-.00040	-.00060	.00310	260.00000
3.931	4.220	-.00030	-.00060	.00310	260.00000
3.933	6.310	-.00040	-.00090	.00320	260.00000
3.938	8.420	-.00060	-.00130	.00330	261.00000
3.934	10.450	-.00080	-.00130	.00350	261.00000
3.934	12.600	-.00040	-.00050	.00370	261.00000
3.930	14.760	.00170	-.00100	.00360	261.00000
3.928	16.800	.00170	-.00130	.00350	261.00000
3.922	18.960	.00170	-.00140	.00360	260.00000
3.929	21.080	-.00030	-.00060	.00400	261.00000
3.924	23.210	-.00150	-.00020	.00400	261.00000
3.923	25.350	-.00060	.00110	.00480	261.00000

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSMP = 75.000 TESMP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 101/ 0 RN/L = 5.89

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
5.919	-2.070	.00000	-.00050	.00290	393.00000
5.912	-1.010	-.00010	-.00050	.00290	393.00000
5.905	.050	-.00010	-.00030	.00300	393.00000
5.898	1.120	-.00010	-.00020	.00310	391.00000
5.886	2.170	-.00010	-.00020	.00310	391.00000
5.896	3.290	-.00020	-.00020	.00320	394.00000
5.895	4.360	-.00010	-.00000	.00330	394.00000
5.890	6.430	-.00040	-.00060	.00340	394.00000
5.890	8.550	-.00140	-.00110	.00350	396.00000
5.891	10.690	-.00140	-.00190	.00380	394.00000
5.889	12.840	-.00090	-.00020	.00370	394.00000
5.880	15.030	-.00100	.00020	.00390	394.00000
5.891	17.200	-.00070	.00050	.00380	396.00000
5.876	19.340	-.00310	.00050	.00390	394.00000
5.878	21.550	-.00060	-.00010	.00390	394.00000
5.895	23.790	.00160	-.00100	.00420	397.00000
5.881	25.860	-.00050	-.00020	.00520	395.00000

WING IV 53-75-008

AMES 12-086 (LA65)

(ANCO27) (16 JUL 75)

REFERENCE DATA

SREF = .5489 50.FT. XMPP = 9.2479 IN. XB
 LREF = 10.0355 INCHES YMPP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 100/ 0 RN/L = 7.91

PARAMETRIC DATA

%C = .080 LESWP = 53.000
 FILSWP = 75.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GR1NO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
7.944	-2.110	.00000	-.00010	.00290	522.00000
7.939	-1.040	.00000	.00000	.00300	522.00000
7.927	.050	-.00010	.00010	.00300	522.00000
7.900	1.150	.00010	.00000	.00310	519.00000
7.913	2.220	.00000	.00000	.00300	521.00000
7.910	3.330	.00000	-.00010	.00310	522.00000
7.903	4.390	-.00010	.00000	.00320	521.00000
7.911	5.450	.00000	-.00020	.00320	523.00000
7.907	6.550	.00020	-.00040	.00320	523.00000
7.921	8.730	-.00030	-.00130	.00340	525.00000
7.913	10.930	-.00120	-.00330	.00350	525.00000
7.917	13.120	-.00170	-.00190	.00370	526.00000
7.924	15.430	-.00030	-.00050	.00370	528.00000
7.894	17.580	-.00380	.00050	.00400	525.00000
7.892	19.780	-.00320	.00050	.00390	525.00000
7.895	22.090	-.00080	-.00040	.00380	525.00000
7.891	24.340	.00080	-.00070	.00410	526.00000
7.876	26.470	-.00060	-.00060	.00640	525.00000

WING IV 53-70-0008

AMES 12-086 (LA655)

(RNC028) (16 JUL 75)

REFERENCE DATA

SREF = .5991 SQ.FT. XMRP = 7.5339 IN. XB
 LREF = 8.7623 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSWP = 70.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 104/ 0 RN/L = 5.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.942	-2.130	.0000	-.0850	.0670	-.0850	.00994	-8.67320	-.00760	.00000	.00030	.00050
5.935	-1.070	.0000	-.04540	.00790	-.04620	.00878	-5.26420	.00060	.00000	.00040	.00010
5.974	.030	.0000	-.00240	.00850	-.00240	.00861	-.27990	-.00660	.00000	.00040	.00010
5.972	1.130	.0000	.03990	.00840	.03170	.00916	4.33170	-.01430	.00000	.00040	.00020
5.955	2.240	.0000	.08350	.00660	.08290	.00987	6.39510	-.02140	.00010	.00050	.00020
5.962	3.370	.0000	.12720	.00450	.12670	.01193	10.62300	-.02790	.00010	.00050	.00010
5.970	4.470	.0000	.17020	.00130	.16950	.01446	11.72300	-.03500	.00000	.00050	.00030
5.953	6.610	.0000	.25980	-.00730	.25890	.02263	11.43900	-.04910	.00010	.00030	.00040
5.957	8.820	.0000	.35370	-.01690	.35240	.03551	9.89720	-.06420	.00000	.00030	.00010
5.953	11.050	.0000	.44870	-.02670	.44550	.05994	7.44460	-.07890	.00000	.00380	.00610
5.945	13.210	.0000	.53830	-.03370	.53240	.09337	5.89150	-.09410	.00320	.00420	.00730
5.952	15.470	.0000	.63530	-.03800	.62300	.13295	4.68580	-.10810	.00260	.00000	.00790
5.947	17.740	.0000	.75180	-.04390	.73080	.19104	3.78190	-.00430	.00000	.00000	.00110
5.932	19.970	-.01000	.86200	-.04480	.82540	.25233	3.27120	-.13300	.00180	.00100	.00180
5.941	22.140	.00000	.91790	-.04830	.85840	.30117	2.88340	-.00710	.00130	.00130	.00450
5.931	26.230	.00000	.96090	-.05050	.88430	.34034	2.58190	-.12400	.00530	.00050	.00400
						.37935	2.33090	-.12610	.00140	-.00100	.00160

RUN NO. 103/ 0 RN/L = 7.90

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.944	-2.180	.0000	-.09040	.00550	-.09000	.00999	-9.10680	.00850	-.00010	.00040	.00000
7.925	-1.120	.0000	-.04950	.00810	-.04930	.00902	-5.46560	.00120	.00010	.00020	.00040
7.923	.030	.0000	-.00270	.00650	-.00270	.00855	-.31490	-.00670	.00010	.00030	.00020
7.914	1.200	.0000	.04310	.00810	.04300	.00933	4.47550	-.01470	.00010	.00030	.00020
7.925	2.350	.0000	.08710	.00630	.08690	.00984	8.81640	-.02150	.00010	.00030	.00010
7.911	3.470	.0000	.12860	.00370	.12810	.01150	11.13900	-.02760	.00010	.00040	.00020
7.925	4.550	.0000	.17240	.00070	.17180	.01440	11.93700	-.03470	.00020	.00030	.00000
7.907	6.840	.0000	.27350	-.00920	.26970	.02308	11.68100	-.05100	.00000	.00030	.00000
7.915	9.080	.0000	.36350	-.02180	.36240	.03568	10.10000	-.06550	.00010	.00040	.00010
7.909	11.340	.0000	.45330	-.03320	.45090	.05665	7.96030	-.07930	.00020	.00100	.00120
7.901	13.660	.0000	.55440	-.04370	.54770	.09417	5.81600	-.09520	.00030	.00350	.00790
7.900	15.950	.01000	.65260	-.03640	.63810	.14247	4.47870	-.10840	.00310	.00250	.00810
7.875	18.300	.0000	.77670	-.04290	.75090	.20319	3.69570	-.12430	.00280	.00020	.00070
7.869	20.640	.0000	.87630	-.04800	.83750	.26411	3.17130	-.13370	.00520	.00010	.00070
7.879	22.780	.0000	.91210	-.05010	.86040	.30692	2.80310	-.12770	.00520	.00070	.00250
7.861	24.910	.0000	.94950	-.05180	.88300	.35293	2.50190	-.12790	.00470	.00100	.00420
7.878	27.000	.0000	.97910	-.05240	.89510	.39789	2.25210	-.13240	.00040	-.00090	.00240

ORIGINAL PAGE IS OF POOR QUALITY

WING IV 53-70-0008

AMES 12-086 (LA65)

(ANCD28) (16 JUL 75)

REFERENCE DATA

SREF = .5991 50.FT. XMRP = 7.5339 IN. XB
 LREF = 8.7623 INCHES YMRP = .0000 IN. YB
 SREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSMP = 70.000 TESMP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 104/ 0 RN/L = 5.95

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
5.942	-2.130	.0000	.00030	.00390	395.00000
5.935	-1.070	.0000	.00040	.00390	395.00000
5.974	.030	.0000	.00040	.00390	400.00000
5.972	1.130	.0000	.00040	.00390	401.00000
5.955	2.240	-.00010	.00050	.00410	400.00000
5.962	3.370	.00000	.00050	.00390	400.00000
5.970	4.430	.00010	.00050	.00410	401.00000
5.953	6.610	.0010	.00030	.00400	400.00000
5.957	8.820	.00010	.00030	.00410	401.00000
5.965	11.060	.00250	.00340	.00430	402.00000
5.945	13.210	.0040	.00330	.00470	399.00000
5.952	15.470	.00240	.00200	.00480	401.00000
5.947	17.740	-.00400	.00130	.00530	400.00000
5.934	19.970	-.00380	.00150	.00590	399.00000
5.932	22.140	.00710	-.00150	.00670	399.00000
5.941	24.230	.00500	-.00170	.00910	401.00000
5.931	26.230	.00080	-.00150	.01220	400.00000

RUN NO. 103/ 0 RN/L = 7.90

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
7.944	-2.180	-.00010	.00040	.00380	526.00000
7.926	-1.120	.00010	.00020	.00380	524.00000
7.923	.080	.00010	.00030	.00390	525.00000
7.914	1.200	-.00010	.00030	.00390	525.00000
7.925	2.360	.00010	.00030	.00400	527.00000
7.911	3.470	-.00010	.00040	.00400	525.00000
7.926	4.550	-.00020	.00030	.00400	528.00000
7.907	6.840	.00000	.00020	.00410	526.00000
7.915	9.080	-.00010	.00040	.00420	528.00000
7.909	11.340	.00040	.00090	.00430	528.00000
7.901	13.660	.00310	.00290	.00460	527.00000
7.900	15.960	.00370	.00150	.00490	528.00000
7.875	18.300	-.00260	.00110	.00520	525.00000
7.869	20.640	-.00490	.00190	.00570	525.00000
7.879	22.760	.00240	-.00020	.00720	527.00000
7.861	24.910	.00470	-.00110	.00970	525.00000
7.878	27.000	-.00080	-.00070	.01300	528.00000

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 101

WING IV 53-65-0008

AMES 12-086 (LA65)

(RNC029) (16 JUL 75)

REFERENCE DATA

SREF = .5686 SQ.FT. XMRP = 6.4509 IN. XB
 LPREF = 8.0254 INCHES YMRP = .0000 IN. YB
 BRREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .090 LESWP = 53.000
 FILSWP = 65.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 106/ 0 RN/L = 5 97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.980	-2.150	.0000	-.09540	.00460	-.09520	.00822	-11.58700	.00250	.00020	-.00010	.00120
5.985	-1.100	.0000	-.05310	.00620	-.05290	.00718	-7.37730	-.00380	.00010	-.00010	.00100
5.985	.030	.0000	-.00670	.00640	-.00670	.00641	-1.03880	-.01030	.00010	-.00010	.00110
5.995	1.140	.0000	.03760	.00630	.03750	.00701	5.34130	-.01620	.00010	-.00020	.00100
5.989	2.320	.0000	.08580	.00440	.08560	.00788	10.85300	-.02240	.00010	-.00010	.00090
5.983	3.430	.0000	.13310	.00220	.13270	.01015	13.07500	-.02780	.00000	-.00020	.00080
5.989	4.540	.0000	.17900	-.00150	.17950	.01271	14.04000	-.03300	.00000	-.00010	.00050
5.983	6.750	.0000	.27350	-.01050	.27280	.02177	12.53100	-.04480	.00010	-.00010	.00070
5.977	8.990	.0000	.37520	-.02200	.37400	.03690	10.13600	-.05740	.00000	-.00040	.00080
5.980	11.260	.0000	.47050	-.03290	.46780	.05962	7.84630	-.06900	-.00040	-.00040	.00100
5.920	13.500	.0000	.56560	-.04070	.55940	.09243	6.05250	-.08100	-.00090	-.00060	.00130
5.972	15.710	.01000	.65410	-.04580	.64210	.13302	4.82720	-.09090	-.00000	-.00010	.00280
5.969	18.000	.00000	.73570	-.05090	.73570	.18009	3.54420	-.10270	.00110	-.00060	.00270
5.962	20.150	.0000	.81200	-.04530	.77800	.23045	3.20490	-.10390	.00190	-.00010	.00060
5.949	22.270	.00000	.87760	-.04760	.83070	.28862	2.87630	-.10990	.00660	-.00080	.00110
5.939	24.440	.00000	.93010	-.04700	.87240	.34274	2.54510	-.11660	.00330	-.00090	.00290
5.930	26.630	.00000	.99570	-.04930	.91240	.40173	2.27110	-.12580	.00370	-.00020	.00040

RUN NO. 105/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.014	-2.280	.00000	-.09770	.00470	-.09740	.00854	-11.40800	.00260	.00010	-.00000	.00080
8.004	-1.140	.00000	-.05360	.00630	-.05350	.00735	-7.27770	-.00380	.00020	-.00010	.00080
7.999	.050	.00000	-.00510	.00690	-.00510	.00678	-1.75370	-.01030	.00010	-.00000	.00070
7.987	1.210	.00000	.04160	.00620	.04150	.00707	5.86250	-.01660	.00020	-.00020	.00030
7.966	2.320	.00000	.08620	.00480	.08590	.00825	10.41600	-.02210	.00020	-.00020	.00060
7.951	3.490	.00000	.13350	.00220	.13310	.01010	13.18900	-.02740	.00020	-.00020	.00050
7.967	4.640	.00000	.18260	-.00160	.18210	.01315	13.80100	-.03340	.00000	-.00010	.00070
7.962	6.990	.00000	.28490	-.01210	.28480	.02272	12.53400	-.04650	-.00010	-.00090	.00090
7.979	9.300	.00000	.38550	-.02600	.38480	.03667	10.43100	-.05320	.00010	-.00010	.00110
7.930	11.640	.01000	.48480	-.03420	.48250	.06044	7.90300	-.06980	-.00040	-.00060	.00080
7.971	13.990	.00000	.58330	-.04450	.57650	.09568	6.02510	-.08210	-.00140	-.00140	.00100
7.951	16.260	.01000	.67250	-.05280	.65980	.13973	4.72170	-.09360	.00050	-.00010	.00260
7.972	18.580	.00000	.76300	-.05500	.74070	.19097	3.87880	-.10200	.00070	.00020	.00230
7.955	20.750	.01000	.86160	-.06090	.81510	.23758	3.22910	-.10580	.00190	.00040	.00400
7.944	22.960	.01000	.91000	-.06400	.86110	.29117	2.79360	-.11440	.00040	.00060	.00320
7.970	25.110	.01000	.91570	-.05590	.85090	.34255	2.48370	-.12300	.00250	.00020	.00400
7.954	27.360	.00000	.99570	-.05350	.90120	.40214	2.21820	-.12690	.00250	-.00020	.00210

DATE 20 FEB 75

L A65 TABULATED SOURCE DATA

PAGE 102

WING IV 53-65-008

AMES 12-086 (LA65)

(ANC029) (16 JUL 75)

REFERENCE DATA

SREF = .5686 50.FT. XMRP = 6.4509 IN. XB
 LREF = 8.0254 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 106/ 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.980	-2.150	.00020	-.00010	.00500	397.00000
5.985	-1.100	.00010	-.00010	.00480	398.00000
5.986	.030	.00010	-.00010	.00490	400.00000
5.996	1.140	.00000	-.00020	.00490	401.00000
5.989	2.320	.00010	-.00010	.00500	401.00000
5.983	3.430	.00000	-.00020	.00490	400.00000
5.989	4.540	.00000	-.00010	.00490	401.00000
5.993	6.750	.00010	-.00040	.00480	401.00000
5.977	8.990	-.00010	-.00030	.00500	401.00000
5.980	11.260	-.00050	-.00030	.00530	402.00000
5.980	13.500	-.03110	-.00010	.00580	401.00000
5.972	15.710	-.00010	-.00020	.00540	400.00000
5.969	18.000	.00120	-.00050	.00960	398.00000
5.962	20.150	.00180	-.00220	.01220	397.00000
5.949	22.270	.00580	-.00190	.01400	400.00000
5.939	24.440	.00260			
5.958	26.630	.00320			

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSHP = 65.000 TESWP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 105/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.014	-2.280	.00010	.00000	.00470	527.00000
8.004	-1.140	.00020	-.00010	.00460	526.07000
7.999	.050	.00010	.00000	.00490	527.00000
7.987	1.210	.00020	.00020	.00490	526.00000
7.966	2.320	.00020	.00020	.00490	526.00000
7.951	3.490	.00000	.00010	.00480	525.00000
7.957	4.640	.00000	.00010	.00480	527.00000
7.952	6.990	-.00010	.00010	.00480	527.00000
7.979	9.300	.00000	-.00020	.00480	530.00000
7.990	11.640	-.00050	-.00050	.00490	532.00000
7.971	13.990	-.00170	-.00100	.00540	531.00000
7.951	16.280	.00050	.00000	.00590	531.00000
7.972	18.580	.00070	.00000	.00680	533.00000
7.956	20.750	.00190	-.00030	.00880	531.00000
7.944	22.960	.00060	.00040	.01040	530.00000
7.970	25.110	.00230	-.00090	.01330	534.00000
7.954	27.360	.00230	-.00100	.01520	532.00000

WING IV 53-60-0008 AMES 12-086 (LA65) (RNC030) (16 JUL 75)

REFERENCE DATA

SREF = .5477 SQ.FT. XMRP = 5.6927 IN. XB
 LREF = 7.5432 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 53.000
 FILSMP = 60.000 TESMP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 108/ 0 RN/L = 5.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.976	-2.160	.0000	-1.0320	.00610	-.10290	.00999	-10.29200	.00450	.00010	-.00010	.00100
5.975	-1.050	.0000	-.05630	.0740	-.05610	.00846	-6.63540	-.00140	.00020	.00000	.00060
5.963	.030	.0000	-.01130	.00820	-.01130	.00824	-1.37500	-.00670	.00010	.00010	.00060
5.957	1.140	.0000	.03670	.00760	.03650	.00832	4.39000	-.01180	.00020	.00010	.00040
5.953	2.210	.0000	.08350	.00540	.08330	.00954	8.64330	-.01690	.00020	.00010	.00020
5.959	3.320	.0000	.13160	.00390	.13110	.01150	11.40000	-.02130	.00020	.00020	-.00030
5.978	4.370	.0000	.17650	.0040	.17590	.01388	12.69400	-.02540	.00030	.00020	-.00040
5.971	6.560	.0000	.27390	-.00920	.27320	.02216	12.32600	-.03470	.00030	.00030	-.00050
5.971	8.720	.0000	.37890	-.02230	.37790	.03536	10.68500	-.04510	.00030	.00030	-.00090
5.974	10.900	.0000	.47730	-.03590	.47550	.05304	8.63920	-.05440	.00000	-.00020	-.00030
5.959	13.070	.0000	.57220	-.04810	.56830	.08252	6.88650	-.06380	.00070	-.00010	-.00180
5.951	15.210	.0000	.65660	-.05700	.65050	.11784	5.52040	-.07240	.00030	.00000	-.00070
5.955	17.390	.0000	.74100	-.05990	.72500	.16430	4.41270	-.08260	-.00160	-.00080	.00200
5.949	19.490	.0000	.81450	-.06100	.78820	.21425	3.67880	-.09350	-.00150	-.00070	.00290
5.959	21.630	.0000	.88090	-.05990	.84060	.25804	3.12520	-.10720	-.00020	-.00080	.00270
5.947	23.700	.0000	.93230	-.05780	.87630	.32195	2.72470	-.11550	-.00090	-.00100	.00280
5.936	25.720	.0000	.95180	-.05540	.89100	.36655	2.43070	-.12010	-.00070	-.00010	.00260

RUN NO. 107/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.002	-2.130	.0000	-1.0340	.00650	-.10310	.01031	-9.99670	.00520	.00010	.00000	.00060
7.995	-1.080	.0000	-.05820	.0780	-.05830	.00993	-6.53380	-.00090	.00010	.00010	.00030
7.998	.050	.0000	-.01090	.02810	-.01090	.00812	-1.32360	-.00610	.00010	.00000	.00010
8.004	1.170	.0000	.03900	.00780	.03860	.00860	4.51220	-.01150	.00020	.00010	-.00010
7.999	2.300	.0000	.08690	.00610	.08590	.00951	9.01750	-.01630	.00020	.00010	-.00030
7.970	3.410	.0000	.13460	.00340	.13410	.01142	11.74500	-.02110	.00020	.00010	-.00040
7.962	4.470	.0000	.18000	.00000	.17950	.01401	12.80900	-.02540	.00020	.00020	-.00060
7.929	6.700	.0000	.26240	-.01070	.26170	.02235	12.60300	-.03530	.00030	.00020	-.00090
7.960	8.920	.0000	.33760	-.02470	.33270	.03509	10.90600	-.04440	.00050	.00010	-.00120
7.971	11.180	.0000	.40780	-.04100	.40550	.05432	8.95540	-.05500	.00000	-.00010	-.00110
7.960	13.430	.0000	.50130	-.05470	.50060	.08153	7.08830	-.06340	.00010	-.00010	-.00110
7.955	15.580	.0000	.60800	-.06450	.60170	.11754	5.62900	-.07230	-.00030	-.00050	-.00080
7.952	17.770	.0000	.73390	-.07850	.73270	.16457	4.48230	-.08310	.00030	-.00030	-.00110
7.946	19.920	.0000	.82530	-.06760	.79930	.21761	3.67130	-.09610	.00000	-.00030	-.00070
7.945	22.090	.0000	.89740	-.06160	.84690	.27283	3.10430	-.11340	-.00080	-.00070	-.00050
7.951	24.120	.0000	.92530	-.06160	.86630	.32230	2.69030	-.12450	-.00080	-.00080	-.00060
7.934	26.150	.01000	.91330	-.05560	.84490	.35283	2.39470	-.12590	-.00070	-.00070	-.00480

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 104

WING IV 53-60-0008

AMES 12-086 (LA65)

(ANC030) (16 JUL 75)

REFERENCE DATA

SPEF = .5477 SQ.FT. XMRP = 5.6927 IN. XB
 LREF = 7.5432 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 108/ 0 RN/L = 5.5.

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.976	-2.160	.00010	-.00010	.00410	395.00000
5.975	-1.050	.00020	.00000	.00420	395.00000
5.963	.030	.00010	.00010	.00420	394.00000
5.967	1.140	.00020	.00010	.00420	395.00000
5.960	2.210	.00020	.00010	.00420	394.00000
5.969	3.320	.00020	.00020	.00440	396.00000
5.978	4.370	.00030	.00020	.00440	398.00000
5.971	6.560	.00030	.00020	.00450	398.00000
5.974	8.720	.00040	.00030	.00440	398.00000
5.974	10.900	.00000	-.00020	.00440	398.00000
5.969	13.070	.00070	.00050	.00480	399.00000
5.961	15.210	-.00030	.00000	.00520	398.00000
5.955	17.390	-.00180	-.00030	.00360	397.00000
5.943	19.490	-.00170	-.00010	.00680	397.00000
5.959	21.630	-.00050	-.00070	.00800	399.00000
5.917	23.700	.00050	-.00130	.00970	397.00000
5.936	25.720	-.00060	.00040	.01240	396.00000

RUN NO. 107/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.002	-2.130	.00010	.00000	.00380	523.00000
7.935	-1.080	.00010	.00010	.00410	523.00000
7.988	.050	.00010	.00000	.00410	522.00000
8.004	1.170	.00020	.00010	.00400	526.00000
7.988	2.300	.00020	.00010	.00400	524.00000
7.970	3.410	.00020	.00010	.00410	523.00000
7.962	4.470	.00020	.00010	.00430	523.00000
7.968	6.750	.00030	.00010	.00430	524.00000
7.960	8.920	.00060	.00000	.00430	524.00000
7.971	11.180	.00000	-.00010	.00420	526.00000
7.960	13.460	.00010	-.00020	.00450	525.00000
7.955	15.580	-.00040	-.00040	.00480	525.00000
7.952	17.770	.00020	-.00030	.00570	525.00000
7.945	19.920	-.00010	-.00020	.00660	525.00000
7.946	22.090	.00050	-.00080	.00780	525.00000
7.951	24.120	.00000	-.00080	.01020	527.00000
7.934	25.150	.00480	-.00320	.01350	526.00000

PARAMETRIC DATA

T/C = .080 LESWP = 53.000
 FILSMP = 60.000 TESMP = 7.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 5.7336 IN. XB
LREF = 7.6461 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 60.000
FILSWP = 60.000 TESWP = .000
BETA = .000 MACH = .300
GRITNO = 120.000

RUN NO. 37/ 0 RN/L = 1.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.918	-1.920	.0000	-.06530	.01220	-.06480	.01441	-4.49880	.00210	-.00010	-.00070	.00080
1.915	-.960	.0000	-.02030	.01270	-.02010	.01303	-1.54140	-.00340	-.00010	-.00060	.00060
1.915	.070	.0000	.01330	.01320	.02020	.01329	1.51720	-.00830	-.00030	-.00110	.00370
.912	1.100	.0000	.06530	.01290	.06510	.01420	4.58370	-.01410	-.00030	-.00110	.00420
.911	2.140	.0000	.10920	.01140	.10870	.01547	7.02660	-.01950	-.00030	-.00080	.00400
.912	3.130	.0000	.15510	.00940	.15430	.01785	8.16490	-.02510	-.00030	-.00110	.00440
.910	4.140	.0000	.19570	.00660	.19570	.02081	9.40790	-.03010	-.00040	-.00100	.00490
.909	6.240	.0000	.28150	-.00100	.28000	.02958	9.46630	-.03960	-.00030	-.00080	.00330
1.907	8.250	.0000	.37070	-.00920	.36820	.04409	8.35130	-.05030	-.00020	-.00030	.00360
.908	10.330	.0000	.45960	-.01960	.45590	.06318	7.21540	-.06000	-.00040	-.00030	.00320
.905	12.370	.0000	.54440	-.03110	.53640	.08623	6.24340	-.06960	-.00050	-.00090	.00680
.905	14.430	.0000	.63220	-.04000	.62220	.11880	5.23740	-.07960	-.00050	-.00120	.00640
1.904	16.490	.0000	.72300	-.04730	.70670	.15934	4.42090	-.09020	-.00110	-.00120	.00610
.904	18.540	.0000	.80280	-.05160	.77760	.20334	3.76820	-.09970	-.00110	-.00060	.00590
.905	20.570	.0000	.89540	-.05380	.85820	.26465	3.24270	-.11200	-.00070	-.00100	.00540
.904	22.650	.0000	1.00190	-.05680	.94650	.33362	2.83700	-.12200	-.00020	-.00000	.00030
.904	24.700	.0000	1.10100	-.06180	1.02610	.40397	2.54070	-.13340	-.00070	-.00010	-.00020

RUN NO. 36/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.986	-1.960	.0000	-.08920	.00910	-.08880	.01222	-7.26890	.00670	-.00020	-.00030	.00030
3.984	-1.000	.0000	-.04660	.01010	-.04640	.01094	-4.24150	.00120	-.00010	-.00030	-.00020
3.982	.030	.0000	.00320	.01060	.00320	.01061	.30390	-.00630	-.00010	-.00030	.00020
3.989	1.170	.0000	.04540	.01050	.04520	.01139	3.96460	-.01260	-.00010	-.00040	.00000
3.987	2.130	.0000	.08700	.00900	.08650	.01226	7.06090	-.01790	-.00020	-.00030	.00040
3.989	3.200	.0000	.13110	.00650	.13060	.01392	9.38080	-.02280	-.00020	-.00030	-.00010
3.981	4.230	.0000	.17480	.00330	.17410	.01623	10.72300	-.02920	-.00030	-.00050	.00160
3.985	6.340	.0000	.25390	-.00510	.26290	.02412	10.90000	-.03980	-.00030	-.00040	.00120
3.969	8.440	.0000	.35360	-.01600	.35200	.03605	9.76820	-.04970	-.00040	-.00120	.00300
3.972	10.540	.0000	.44410	-.02800	.44180	.05370	8.22610	-.05920	-.00070	-.00130	.00360
3.974	12.610	.0000	.53550	-.04000	.53130	.07823	6.79070	-.06940	-.00020	-.00050	.00240
3.971	14.770	.0000	.62530	-.04960	.61730	.11142	5.53990	-.07980	-.00050	-.00010	.00170
3.957	16.930	.0000	.72420	-.05610	.70920	.15724	4.51010	-.09290	-.00030	-.00010	.00100
3.971	18.940	.0000	.80890	-.05990	.78460	.20590	3.81040	-.10450	-.00260	-.00050	.00380
3.962	21.070	.0000	.91510	-.06490	.87730	.26828	3.26870	-.12080	-.00340	-.00040	.00550
3.981	23.190	.0000	1.01610	-.07020	.96160	.33556	2.86570	-.13490	-.00460	-.00030	.00670
3.956	25.240	.0000	1.11270	-.07580	1.03980	.40589	2.55930	-.14860	-.00090	-.00030	.00210

WING V 60-60-008

AMES 12-086 (LA65)

(RNC031) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 5.7336 IN. XB
 LREF = 7.6461 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 35/ 0 RN/L = 5.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.959	-2.070	.0000	-.09060	.00850	-.09040	.01178	-7.67410	.00630	-.00010	-.00010	.00030
5.959	-1.030	.0000	-.04910	.00970	-.04900	.01059	-4.62370	.00090	-.00010	-.00010	.00030
5.972	.050	.0000	-.00160	.01060	-.00160	.01056	-1.5480	-.00660	-.00010	-.00010	.00050
5.951	1.150	.0000	.04400	.00970	.04390	.01060	4.13270	-.01240	-.00010	-.00020	.00030
5.952	2.200	.0000	.08770	.00930	.08730	.01168	7.47600	-.01830	-.00020	-.00020	.00120
5.955	3.290	.0000	.13250	.00560	.13200	.01318	10.01200	-.02400	-.00020	-.00030	.00100
5.959	4.320	.0000	.17640	.00240	.17580	.01568	11.21200	-.02930	-.00030	-.00040	.00160
5.958	6.490	.0000	.26440	-.00680	.26350	.02312	11.39700	-.03910	-.00030	-.00060	.00190
5.966	8.610	.0000	.35750	-.01900	.35630	.03478	10.24300	-.04990	-.00030	-.00080	.00150
5.966	10.770	.0000	.44980	-.03270	.44800	.05194	8.62500	-.06020	-.00010	-.00010	.00100
5.978	12.960	.0000	.53910	-.04430	.53530	.07773	6.88690	-.06990	-.00020	-.00020	.00060
5.959	15.150	.0000	.63030	-.05540	.62290	.11130	5.59670	-.08020	-.00020	-.00030	.00030
5.958	17.270	.0000	.72100	-.06170	.70680	.15516	4.55520	-.09390	-.00030	-.00030	.00030
5.943	19.370	.0000	.81630	-.06720	.79240	.20740	3.82030	-.10690	-.00010	-.00010	.00160
5.947	21.550	.0000	.91610	-.07280	.87860	.26877	3.26980	-.12250	-.00010	-.00010	.00210
5.942	23.780	.0000	1.02360	-.07960	.97430	.34235	2.84580	-.13900	-.00020	-.00020	.00410
5.945	25.870	.0000	1.11780	-.08390	1.04240	.41223	2.52860	-.15040	-.00060	-.00020	.00290

RUN NO. 34/ 0 RN/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.980	-2.170	.0000	-.09870	.00760	-.09830	.01135	-8.56410	.00780	-.00020	-.00010	-.00140
7.981	-1.050	.0000	-.05430	.00960	-.05410	.01058	-5.11460	.00100	-.00020	-.00000	-.00060
7.951	.090	.0000	-.00720	.00990	-.00720	.00992	-1.73090	-.00550	-.00010	-.00000	-.00070
7.954	1.140	.0000	.03580	.00930	.03570	.01003	3.55570	-.01180	-.00020	-.00010	.00000
7.966	2.210	.0000	.07400	.00790	.08210	.01112	7.38100	-.01810	-.00020	-.00010	.00020
7.954	3.330	.0000	.12630	.00540	.12580	.01275	9.86390	-.02360	-.00020	-.00020	.00040
7.950	4.380	.0000	.17180	.00190	.17120	.01500	11.41200	-.02930	-.00040	-.00020	.00040
7.970	6.610	.0000	.26760	-.00810	.26670	.02274	11.73100	-.04060	-.00040	-.00040	.00090
7.960	8.830	.0000	.36220	-.02130	.36120	.03450	10.46900	-.05790	-.00040	-.00030	.00050
7.966	11.030	.0000	.45130	-.03500	.44960	.05197	8.65110	-.06030	-.00030	-.00040	.00040
7.956	13.230	.0000	.54250	-.04850	.53920	.07692	7.00980	-.07030	-.00010	-.00120	.00100
7.943	15.440	.0000	.63150	-.06010	.62470	.11018	5.67010	-.08000	-.00030	-.00090	.00040
7.937	17.610	.0000	.72350	-.06830	.71030	.15378	4.61880	-.09240	-.00050	-.00020	.00020
7.938	19.850	.0000	.81920	-.07350	.79350	.20901	3.80590	-.10680	-.00040	-.00030	.00020
7.924	22.030	.0000	.92010	-.07830	.88230	.27251	3.23770	-.12310	-.00010	-.00030	.00040
7.948	24.300	.0000	1.02660	-.08500	.97070	.34494	2.81400	-.14010	-.00020	-.00040	.00040
7.941	26.460	.0000	1.12310	-.09130	1.04610	.41869	2.49850	-.15300	-.00010	-.00070	.00050

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 107

WING V 60-60-0008

AMES 12-086 (LAGE5)

(ANC031) (16 JUL 75)

REFERENCE DATA

SREF = .5272 50.FT. XMRP = 5.7336 IN. XB
 LREF = 7.6461 INCHES YMRP = .0000 IN. YB
 BRFF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 60.000
 FILSWP = 60.000 TESWP = 60.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 37/ 0 RN/L = 1.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
1.918	-1.920	-.00010	-.00070	.00180	126.00000
1.915	-.960	-.00010	-.00080	.00190	125.00000
1.915	.070	-.00030	-.00110	.00210	126.00000
1.912	1.100	-.00030	-.00110	.00220	125.00000
1.911	2.140	-.00030	-.00080	.00220	125.00000
1.912	3.130	-.00040	-.00110	.00210	126.00000
1.910	4.140	-.00050	-.00100	.00190	125.00000
1.909	5.240	-.00030	-.00070	.00220	125.00000
1.907	8.250	-.00030	-.00030	.00200	125.00000
1.908	10.330	-.00030	-.00030	.00230	125.00000
1.905	12.370	-.00070	-.00070	.00240	125.00000
1.905	14.430	-.00080	-.00100	.00260	125.00000
1.902	16.490	-.00090	-.00100	.00310	125.00000
1.904	18.540	-.00080	-.00090	.00380	125.00000
1.906	20.570	-.00030	-.00120	.00460	126.00000
1.904	22.660	-.00020	-.00610	.00540	126.00000
1.904	24.700	-.00060	-.00030	.00590	126.00000

RUN NO. 35/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.986	-1.980	-.00010	-.00030	.00280	262.00000
3.984	-1.900	-.00010	-.00030	.00280	253.00000
3.982	.090	-.00010	-.00030	.00290	263.00000
3.983	1.170	-.00010	-.00040	.00290	264.00000
3.987	2.130	-.00020	-.00030	.00290	264.00000
3.988	3.200	-.00020	-.00030	.00300	265.00000
3.981	4.230	-.00030	-.00050	.00300	264.00000
3.985	6.340	-.00030	-.00040	.00300	265.00000
3.969	8.440	-.00060	-.00110	.00310	264.00000
3.972	10.540	-.00090	-.00110	.00300	264.00000
3.974	12.650	-.00030	-.00040	.00340	265.00000
3.971	14.770	-.00050	-.00010	.00350	264.00000
3.967	16.930	-.00030	-.00000	.00400	264.00000
3.971	18.940	-.00260	-.00040	.00460	265.00000
3.962	21.070	-.00340	-.00080	.00520	264.00000
3.981	23.190	-.00430	-.00150	.00590	265.00000
3.966	25.240	-.00070	-.00070	.00650	264.00000

ORIGINAL PAGE IS
OF POOR QUALITY

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 108

WING V 60-60-0008

AMES 12-086 (LAGE5)

(ANC031) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 5.7335 IN. XB
 LREF = 7.6461 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = 0000

RUN NO. 35/ 0 RN/L = 5.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSSF)
5.959	-2.070	-.00010	-.00010	.00330	397.00000
5.959	-1.030	-.00010	-.00010	.00330	398.00000
5.972	.050	-.00010	-.00010	.00320	400.00000
5.951	1.150	-.00010	-.00020	.00340	397.00000
5.962	2.200	-.00020	-.00020	.00350	399.00000
5.965	3.290	-.00020	-.00030	.00330	400.00000
5.959	4.320	-.00030	-.00030	.00340	400.00000
5.958	6.490	-.00040	-.00050	.00330	400.00000
5.966	8.610	-.00040	-.00070	.00330	402.00000
5.966	10.770	-.00010	-.00010	.00340	404.00000
5.978	12.960	.00010	.00020	.00360	404.00000
5.959	15.150	-.00020	.00040	.00400	401.00000
5.958	17.270	-.00030	.00010	.00440	402.00000
5.943	19.370	-.00100	.00020	.00510	400.00000
5.947	21.550	-.00180	.00050	.00570	401.00000
5.942	23.780	-.00230	.00080	.00640	401.00000
5.945	25.870	-.00050	.00040	.00730	401.00000

PARAMETRIC DATA

T/C = .080 LESWP = 60.000
 FILSNP = 60.000 TESWP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 34/ 0 RN/L = 7.95

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSSF)
7.980	-2.170	-.00020	.00010	.00350	532.00000
7.981	-1.050	-.00020	.00000	.00330	534.00000
7.951	.090	-.00010	.00000	.00350	531.00000
7.954	1.140	-.00020	-.00010	.00340	532.00000
7.966	2.210	-.00020	-.00010	.00340	534.00000
7.964	3.330	-.00020	-.00020	.00340	535.00000
7.960	4.380	-.00040	-.00020	.00350	535.00000
7.970	6.610	-.00040	-.00040	.00330	537.00000
7.950	8.830	-.00040	-.00030	.00340	536.00000
7.956	11.030	-.00020	.00040	.00340	539.00000
7.955	13.230	-.00020	.00120	.00370	537.00000
7.943	15.440	-.00010	.00090	.00400	536.00000
7.937	17.610	-.00040	.00040	.00450	536.00000
7.938	19.950	-.00050	.00050	.00510	536.00000
7.924	22.030	-.00090	.00070	.00580	535.00000
7.948	24.300	-.00170	.00120	.00650	539.00000
7.941	26.460	-.00070	.00110	.00730	539.00000

REFERENCE DATA
 SPT = .7265 50.FT. XMRP = 12.4023 IN. XB
 LREL = 12.9283 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .080 LESWP = 60.000
 FII SMP = 80.000 TESWP = .000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.982	-2.040	.0000	-.07130	.00700	-.07100	.00957	-7.41350	.01880	.00010	.00000	-.00070
3.988	-1.030	.0000	-.04100	.00800	-.04090	.00877	-4.65880	.00890	.00010	.00000	-.00060
3.977	.030	.0000	-.01040	.00770	-.01040	.00938	-1.25680	.00970	.00010	.00020	-.00090
3.972	1.090	.0000	.02000	.00680	.02180	.00815	2.67880	.01060	.00010	.00020	-.00080
3.975	2.160	.0000	.05720	.00680	.05690	.00897	6.34600	.02180	.00010	.00020	-.00000
3.960	3.230	.0000	.09330	.00520	.08990	.01017	8.73890	.03210	.00010	.00040	-.00110
3.963	4.290	.0000	.12210	.00310	.12150	.01222	9.94150	.04170	.00010	.00040	-.00120
3.953	6.390	.0000	.18580	.0000	.18490	.01861	9.93470	.06090	.00000	.00060	-.00140
3.981	8.540	.0000	.25970	.00760	.25700	.03090	8.31780	.08160	.00020	.00080	-.00160
3.981	10.680	.0000	.33830	.01210	.33470	.05076	6.59410	.10330	.00060	.00070	-.00030
3.963	12.870	.0000	.42620	.01300	.41840	.08229	5.08500	.12010	.00020	.00110	-.00100
3.965	15.030	.0000	.52240	.01420	.50920	.12179	4.17240	.15200	.00010	.00010	-.00130
3.965	17.220	.0100	.62360	.01750	.60380	.16783	3.58000	.18010	.00000	.00080	-.00210
3.931	19.430	.0200	.71910	.01950	.68470	.22080	3.10990	.20460	.00230	.00130	-.00440
3.971	21.640	.0300	.84730	.02300	.79570	.29124	2.73530	.24620	.00350	.00130	-.01090
3.978	23.830	.0400	.93390	.02620	.89770	.36353	2.44190	.27820	.00380	.00120	-.01490
3.973	26.050	.0400	1.07300	.03130	.97780	.44302	2.20710	.30860	.00540	.00160	-.01670

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.937	-2.130	.0000	-.07400	.00660	-.07370	.00934	-7.89360	.01990	.00010	.00010	-.00040
5.932	-1.050	.0000	-.04100	.00750	-.04090	.00832	-4.91470	.00910	.00010	.00010	-.00040
5.932	.010	.0000	-.00890	.00770	-.00890	.00772	-1.14940	.00120	.00000	.00000	-.00070
5.938	1.130	.0000	.02480	.00750	.02460	.00794	3.10320	.01170	.00000	.00010	-.00060
5.935	2.200	.0000	.05740	.00640	.05710	.00864	6.60680	.02160	.00010	.00030	-.00070
5.916	3.290	.0000	.09120	.00470	.09070	.00930	9.13390	.03230	.00010	.00030	-.00090
5.937	4.380	.0000	.12410	.00250	.12360	.01199	10.30100	.04230	.00010	.00030	-.00050
5.928	6.590	.0000	.19250	.00360	.19170	.01826	10.49500	.06250	.00010	.00010	-.00040
5.931	8.740	.0000	.26480	.01000	.26320	.03033	8.67800	.08250	.00070	.00040	-.00040
5.930	10.980	.0000	.34870	.01430	.34500	.05104	6.64470	.10530	.00030	.00060	-.00100
5.933	13.260	.0000	.44000	.01550	.43180	.08581	5.03220	.12970	.00070	.00050	-.00070
5.922	15.500	.0100	.52750	.01760	.51310	.12337	4.13950	.15140	.00020	.00110	-.00230
5.926	17.820	.0200	.64780	.02050	.62300	.17877	3.48500	.18750	.00020	.00150	-.00460
5.921	20.030	.0300	.74320	.02310	.71150	.23570	3.01980	.21570	.00020	.00150	-.00620
5.903	22.520	.0500	.88800	.02560	.83050	.31558	2.63170	.26050	.00030	.00190	-.01180
5.902	24.750	.0600	.99320	.03040	.91470	.38821	2.35610	.29030	.00040	.00200	-.01660
5.891	27.060	.0700	1.11240	.03630	1.00710	.47376	2.12570	.32230	.00040	.00230	-.02030

ORIGINAL PAGE IS
 OF POOR QUALITY

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 110

WING V 60-80-0008

AMES 12-086 (LA65)

(RNC032) (16 JUL 75)

REFERENCE DATA

SREF = .7265 SQ.FT. XMRP = 12.4023 IN. XB
 LREF = 12.9283 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 60.000
 FILSMP = 80.000 TESMP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 109/ 0 RN/L = 7.9*

RM/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.971	-2.210	.0000	-0.7580	-.00630	-.07550	.00922	-8.19210	.02030	.00010	-.00010	-.00050
7.981	-1.100	.0000	-.04360	-.00740	-.04350	.00824	-5.27610	.00990	.00000	.00000	-.00040
7.992	.000	.0000	-.00980	.00780	-.00990	.00781	-1.24980	-.00090	-.00010	.00010	-.00040
7.984	1.180	.0000	.02660	.00740	.02650	.00794	3.33300	-.01240	-.00010	.00020	-.00050
7.969	2.280	.0000	.06060	.00530	.06030	.00869	6.94100	-.02290	.00000	.00030	-.00080
7.995	3.360	.0000	.09360	.00440	.09310	.00992	9.39240	-.03320	-.00010	.00020	-.00070
7.981	4.540	.0000	.12850	.00180	.12800	.01194	10.71700	-.04350	-.00010	.00010	-.00060
7.960	5.810	.0000	.20100	-.00490	.20010	.01690	10.58600	-.06480	-.00010	.00020	-.00050
7.961	8.090	.0000	.27430	-.01140	.27270	.03159	8.63270	-.08530	-.00040	-.00060	-.00060
7.965	11.320	.0000	.36210	-.01580	.35810	.05655	6.44660	-.10920	-.00010	-.00150	-.00190
7.956	13.730	.0000	.45300	-.01660	.44430	.09141	4.85720	-.13220	-.00130	-.00130	-.00150
7.949	15.930	.0000	.54690	-.01960	.53110	.13179	4.02980	-.15670	-.00030	-.00030	-.00250
7.934	18.410	.0000	.66450	-.02280	.63390	.18701	3.38960	-.18970	-.00040	-.00070	-.00600
7.921	20.970	.0000	.79930	-.02540	.75510	.26215	2.88030	-.23310	.00310	-.00220	-.00880
7.921	23.360	.0000	.91970	-.02550	.85570	.33842	2.52850	-.27060	.00400	-.00260	-.01280
7.900	25.800	.0000	1.04000	-.03340	.95090	.42260	2.25010	-.30360	.00550	-.00240	-.01820
7.884	28.250	.07000	1.15460	-.03910	1.03570	.51196	2.02290	-.33430	.00460	-.00320	-.01290

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 111

AMES 12-086 (LA65)

(ANC032) (16 JUL 75)

REFERENCE DATA

SREF = .7265 SQ.FT. XMRP = 12.4023 IN. XB
 LREF = 12.9283 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 60.000
 FLLSMP = 80.000 TESMP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 111/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(P/SF)
3.982	-2.040	.00010	.00000	.00260	264.00000
3.983	-1.030	.00010	.00000	.00260	264.00000
3.977	.030	.00010	.00020	.00280	264.00000
3.977	1.090	.00010	.00020	.00250	265.00000
3.972	2.160	.00010	.00020	.00280	264.00000
3.976	3.230	.00010	.00030	.00290	265.00000
3.980	4.290	.00010	.00040	.00300	265.00000
3.983	6.390	.00010	.00060	.00300	267.00000
3.981	9.540	.00000	.00090	.00310	267.00000
3.981	10.680	-.00050	.00080	.00350	267.00000
3.983	12.870	.00050	.00100	.00370	268.00000
3.976	15.030	-.00120	.00020	.00360	267.00000
3.965	17.220	.00080	-.00110	.00350	266.00000
3.991	19.430	.00180	-.00170	.00340	268.00000
3.971	21.640	.00280	-.00250	.00380	267.00000
3.978	23.830	.00300	-.00270	.00410	268.00000
3.973	26.050	.00420	-.00380	.00440	267.00000

RUN NO. 110/ 0 RN/L = 5.92

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(P/SF)
5.937	-2.130	.00010	-.00010	.00290	398.00000
5.932	-1.050	.00010	-.00010	.00290	397.00000
5.932	.010	.00000	.00000	.00300	398.00000
5.932	1.130	.00000	.00010	.00310	399.00000
5.935	2.200	.00000	.00030	.00310	399.00000
5.936	3.290	-.00010	.00030	.00310	400.00000
5.937	4.380	.00010	.00030	.00310	400.00000
5.928	6.590	-.00010	.00010	.00330	399.00000
5.931	8.740	-.00030	-.00010	.00320	400.00000
5.930	10.980	-.00040	-.00050	.00370	400.00000
5.933	13.260	-.00080	-.00040	.00400	401.00000
5.922	15.500	-.00030	-.00010	.00430	400.00000
5.926	17.820	.00170	-.00170	.00350	400.00000
5.921	20.090	.00190	-.00230	.00350	400.00000
5.909	22.520	.00250	-.00310	.00350	399.00000
5.902	24.750	.00300	-.00360	.00410	398.00000
5.887	27.060	.00470	-.00500	.00460	396.00000

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

PAGE 112

WING V 60-3J-0009

AMES 12-086 (LA65)

(ANC032) (16 JUL 75)

REFERENCE DATA

SREF = .7265 50.FT. XMRP = 12.4023 IN. XB
 LREF = 12.9283 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 109/ 0 RN/L = 7.94

PARAMETRIC DATA

T/C = .080 LESWP = 60.000
 FILSWP = 80.000 TESWP = .000
 BETA = .000 MACH = .500
 GRITNO = 120.000

CLN	CSL	ALPHA	RN/FT	CPCAV	Q (PSF)
-.00010	.00010	-2.210	7.971	.00290	521.00000
.00000	.00000	-1.100	7.981	.00290	523.00000
.00010	-.00010	.010	7.962	.00290	522.00000
.00020	-.00010	1.180	7.984	.00300	526.00000
.00030	.00000	2.290	7.969	.00300	524.00000
.00020	-.00010	3.380	7.985	.00310	527.00000
.00010	-.00010	4.540	7.981	.00310	527.00000
.00020	-.00010	6.810	7.968	.00310	526.00000
-.00050	-.00050	8.990	7.961	.00330	526.00000
-.00140	-.00030	11.320	7.956	.00360	527.00000
-.00090	-.00160	13.730	7.966	.00390	528.00000
-.00030	-.00030	15.950	7.949	.00410	527.00000
-.00080	.00010	18.410	7.934	.00350	526.00000
-.00320	.00210	20.970	7.941	.00360	527.00000
-.00400	.00260	23.360	7.921	.00380	526.00000
-.00460	.00390	25.800	7.900	.00450	536.00000
-.00500	.00260	28.250	7.884	.00430	534.00000

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 113

WING V 60-75-0008

AMES 12-086 (LA65)

(RNC033) (16 JUL 75)

REFERENCE DATA

SREF = .6284 SQ.FT. XMRP = 9.2268 IN. XB
 LREF = 10.1850 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 114/ 0 RN/L = 3.97

RM/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.973	-2.000	.0000	-.07660	.00750	-.07520	.01016	-7.50410	.01380	-.00030	.00020	.00270
3.974	-.980	.0000	-.04170	.00800	-.04160	.00872	-4.76790	.00630	-.00030	.00020	.00280
3.958	.070	.0000	-.00280	.00890	-.00280	.00884	-.31480	-.00240	-.00020	.00040	.00240
3.985	1.090	.0000	.03070	.00930	.03060	.00887	3.44440	-.01090	-.00020	.00040	.00210
3.983	2.120	.0000	.06990	.00700	.06860	.00955	7.18480	-.01910	-.00020	.00050	.00220
3.990	3.190	.0000	.10720	.00520	.10570	.01120	9.52810	-.02770	-.00030	.00040	.00280
3.982	4.200	.0000	.14180	.00290	.14120	.01326	10.65500	-.03570	-.00030	.00040	.00240
3.974	6.280	.0000	.21590	.00320	.21490	.02045	10.50800	-.05220	-.00020	.00020	.00170
3.974	8.390	.0000	.29060	.01120	.28910	.03130	9.23440	-.06860	-.00030	.00020	.00240
3.976	10.450	.01000	.37550	.01780	.37260	.05064	7.35630	-.08880	-.00050	.00080	.00190
3.970	12.590	.00000	.47040	.02180	.45380	.08128	5.70660	-.10900	-.00010	.00000	.00320
3.971	14.680	.01000	.55800	.02500	.54610	.11723	4.65820	-.12530	-.00090	.00000	.00430
3.970	16.780	.01000	.64940	.02950	.63000	.16029	3.93030	-.14210	.00070	.00070	.00390
3.955	18.920	.01000	.78330	.03350	.75230	.22275	3.37730	-.17560	-.00270	.00050	.00330
3.976	21.050	.01000	.93010	.03900	.89210	.29772	2.96270	-.21450	-.00320	.00030	.00360
3.973	23.140	.00000	.95170	.04460	.89270	.33300	2.68070	-.19700	-.00330	.00080	.00090
3.971	25.230	.01000	1.05060	.05050	.97190	.40220	2.41640	-.21850	-.00340	.00000	.01770

RUN NO. 113/ 0 RN/L = 5.94

RM/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.965	-2.060	.00000	-.07870	.00700	-.07840	.00979	-8.00720	.01440	-.00020	.00000	.00180
5.957	-.990	.00000	-.04150	.00800	-.04140	.00873	-4.74100	.00630	-.00020	.00020	.00160
5.946	.090	.00000	-.00220	.00830	-.00230	.00831	-.27120	-.00320	-.00020	.00020	.00150
5.945	1.130	.00000	.03370	.00790	.03350	.00861	3.89560	-.01160	-.00030	.00020	.00220
5.948	2.160	.00000	.06950	.00680	.06930	.00944	7.32560	-.01970	-.00020	.00030	.00190
5.953	3.200	.00000	.10590	.00470	.10540	.01057	9.97100	-.02810	-.00030	.00030	.00150
5.948	4.260	.00000	.14390	.00220	.14340	.01293	11.08600	-.03620	-.00030	.00020	.00180
5.938	6.390	.00000	.21790	.00440	.21700	.01983	10.94600	-.05300	-.00010	.00010	.00160
5.945	8.520	.00000	.29710	.01380	.29580	.03037	9.73910	-.07030	-.00040	.00000	.00220
5.943	10.650	.00000	.38170	.02170	.37920	.04922	7.70320	-.08930	-.00050	.00000	.00180
5.951	12.810	.01000	.47320	.02390	.46080	.08162	5.71860	-.10850	-.00040	.00050	.00150
5.934	14.980	.01000	.57260	.02670	.56000	.12215	4.58470	-.12800	-.00030	.00030	.00410
5.929	17.110	.01000	.68400	.03030	.64370	.16583	3.88140	-.14590	-.00030	.00030	.00260
5.926	19.280	.01000	.78610	.03680	.75420	.22462	3.35480	-.17520	-.00060	.00020	.00310
5.931	21.490	.00000	.92580	.04430	.87770	.29732	2.94600	-.21040	-.00070	.00040	.00350
5.933	23.690	.01000	.98630	.05090	.93480	.38455	2.63660	-.21650	-.00400	.00120	.00690
5.937	25.750	.01000	1.01500	.05400	.93760	.39241	2.38940	-.20140	-.00280	.00060	.00520

ORIGINAL PAGE IS OF POOR QUALITY

WING V 60-75-0008

AMES 12-086 (LA65)

(RNC033) (16 JUL 75)

REFERENCE DATA

SREF = .6284 SQ.FT. XMRP = 9.2268 IN. XB
 LREF = 10.1850 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 60.000
 FILSWP = 75.000 TESHP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 112/ 0 RN/L = 7.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.000	-2.080	.00000	-.07890	.00680	-.07860	.00965	-8.14180	.01510	-.00020	-.00010	.00140
7.981	-1.040	.00000	-.04410	.00800	-.04390	.00877	-5.00960	.00660	-.00020	-.00010	.00120
7.981	.050	.00000	-.00480	.00820	-.00490	.00815	-.59530	-.00280	-.00020	.00000	.00100
7.983	1.140	.00000	.03410	.00770	.03390	.00840	4.03600	-.01170	-.00030	.00010	.00080
7.978	2.210	.00000	.07110	.00620	.07090	.00893	7.93100	-.02010	-.00030	.00010	.00130
7.975	3.290	.00000	.10900	.00430	.10880	.01054	10.30500	-.02900	-.00030	.00010	.00110
7.976	4.350	.00000	.14550	.00180	.14500	.01288	11.25800	-.03740	-.00030	.00010	.00100
7.977	6.510	.00000	.22120	-.00560	.22040	.01956	11.27100	-.05420	-.00020	.00010	.00090
7.978	8.670	.00000	.30220	-.01540	.30100	.03032	9.92850	-.07160	-.00030	-.00060	.00120
7.985	10.810	.00000	.38270	-.02410	.38050	.04811	7.90870	-.08890	-.00010	-.00080	.00150
7.989	13.040	.00000	.47840	-.02770	.47240	.08091	5.83770	-.10940	-.00010	.00020	.00120
7.984	15.250	-.01000	.58050	-.02993	.56790	.12385	4.58540	-.13030	-.00070	.00110	.00030
7.982	17.530	-.01000	.69300	-.03310	.67080	.17716	3.78640	-.15480	-.00400	.00060	.00140
7.959	19.800	-.01000	.83150	-.03900	.79510	.24487	3.24690	-.18960	-.00490	.00030	.00140
7.982	21.980	.00000	.95090	-.04550	.89680	.31377	2.86440	-.21790	-.00160	.00010	.00110
7.975	24.160	.00000	.99350	-.05190	.93220	.36138	2.57960	-.20980	-.00160	-.00010	.00170
7.982	26.290	-.01000	1.01200	-.05500	.93170	.39885	2.33600	-.19630	-.00140	-.00020	.00260

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 115

WING V 60-75-0008

AMES 12-086 (LA65)

(ANC033) (16 JUL 75)

REFERENCE DATA

SREF = .6284 SO. FT.
 LREF = 10.1850 INCHES
 BREF = 13.1135 INCHES
 SCALE = .0000

T/C = .080
 FILSMP = 75.000
 BETA = .000
 GRITNO = 120.000

LESWP = 60.000
 TESWP = .000
 MACH = .300

PARAMETRIC DATA

RUN NO. 114/ 0 RN/L = 3.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.973	-2.000	-.0030	.0020	.00290	265.00000
3.974	-.990	-.0030	.0020	.00290	265.00000
3.975	.070	-.0020	.0040	.00290	265.00000
3.985	1.090	-.0020	.0040	.00300	267.00000
3.993	2.120	-.0020	.0050	.00290	267.00000
3.980	3.190	-.0020	.0040	.00300	267.00000
3.982	4.200	-.0020	.0040	.00300	267.00000
3.974	6.280	-.0020	.0030	.00310	266.00000
3.974	8.390	-.0020	.0020	.00320	267.00000
3.976	10.450	-.0030	.0030	.00330	267.00000
3.970	12.590	-.0110	.0010	.00360	266.00000
3.971	14.680	-.0090	.0020	.00390	267.00000
3.970	16.790	-.0090	.0010	.00390	267.00000
3.965	18.920	-.0090	.0010	.00370	265.00000
3.976	21.050	-.00290	.0010	.00390	269.00000
3.973	23.140	-.0030	-.0050	.00550	267.00000
3.971	25.230	-.01750	.0040	.00540	267.00000

RUN NO. 113/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.965	-2.060	-.0020	.0000	.00290	399.00000
5.957	-.990	-.0020	.0020	.00290	399.00000
5.946	.090	-.0020	.0020	.00300	398.00000
5.945	1.130	-.0030	.0020	.00300	398.00000
5.948	2.160	-.0020	.0030	.00300	399.00000
5.953	3.200	-.0030	.0040	.00310	400.00000
5.948	4.250	-.0030	.0020	.00310	400.00000
5.939	6.390	-.0010	.0010	.00310	399.00000
5.945	8.520	-.0030	.0040	.00320	401.00000
5.943	10.650	-.0030	.0010	.00340	401.00000
5.951	12.810	-.0030	.0060	.00360	402.00000
5.934	14.990	-.0110	.0030	.00390	400.00000
5.929	17.110	-.0060	.0050	.00390	400.00000
5.926	19.280	-.0050	.0040	.00380	399.00000
5.931	21.450	-.0030	.0010	.00410	401.00000
5.933	23.690	-.0040	.0050	.00500	401.00000
5.937	25.750	-.00290	.0070	.00590	402.00000

DATE 20 FEB 76

LAGE5 TABULATED SOURCE DATA

PAGE 116

WING V 60-75-0308

AMES 12-086 (LA65)

(ANC033) (16 JUL 75)

REFERENCE DATA

SPEF = .6284 SO.FT. XMRP = 9.268 IN. XB
 LREF = 10.1650 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 112/ 0 RN/L = 7.98

PARAMETRIC DATA

T/C = .080 LESKP = 60.000
 FILSKP = 75.000 TESKP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
8.000	-2.080	-.00020	-.00010	.00280	526.00000
7.991	-1.040	-.00020	-.00010	.00280	526.00000
7.981	.050	-.00020	.00000	.00290	525.00000
7.988	1.140	-.00030	.00010	.00300	528.00000
7.978	2.210	-.00030	.00010	.00300	527.00000
7.975	3.290	-.00030	.00010	.00310	528.00000
7.976	4.360	-.00030	.00010	.00310	528.00000
7.977	6.510	-.00030	-.00010	.00310	529.00000
7.978	8.670	-.00030	-.00050	.00320	530.00000
7.985	10.810	-.00020	-.00080	.00340	531.00000
7.989	13.040	-.00040	.00030	.00350	533.00000
7.994	15.250	.00100	.00090	.00370	533.00000
7.962	17.530	-.00370	.00180	.00400	530.00000
7.953	19.800	-.00450	.00190	.00370	530.00000
7.982	21.980	-.00140	.00070	.00380	534.00000
7.975	24.160	-.00150	.00050	.00520	534.00000
7.982	26.290	-.00130	.00050	.00720	536.00000

B

WING V 60-70-0008 AMES 12-086 (LA65)

(RNC034) (1E JUL 75)

REFERENCE DATA

SREF = .5786 SQ.FT. XMRP = 7.5418 IN. XB
 LREF = 8.8891 INCHES YMRP = .0006 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 60.000
 FILSWP = 70.000 TESWP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 116/ 0 RN/L = 5.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.975	-2.110	.0000	-.08930	.00580	-.08960	.01007	-8.89410	.01280	-.00050	-.00020	.00270
5.977	-1.030	.0000	-.04900	.00790	-.04880	.00875	-5.57820	.00400	-.00040	-.00020	.00250
5.976	.070	.0000	-.00860	.00840	-.00860	.00835	-1.03040	-.00410	-.00050	-.00020	.00260
5.982	1.170	.0000	.03430	.00800	.03420	.00870	3.92470	-.01290	-.00040	-.00020	.00240
5.967	2.260	.0000	.07590	.00640	.07560	.00936	8.07270	-.02100	-.00030	-.00010	.00200
5.965	3.340	.0000	.11560	.00430	.11610	.01112	10.44700	-.02820	-.00030	-.00010	.00200
5.962	4.370	.0000	.15530	.00170	.15470	.01351	11.44900	-.03520	-.00010	-.00010	.00180
5.949	6.550	.0000	.23200	-.00590	.23810	.02136	11.14300	-.05030	-.00010	-.00000	.00160
5.955	8.730	.0000	.32880	-.01560	.32730	.03450	9.48760	-.06550	-.00010	-.00030	.00160
5.949	10.940	.0000	.41860	-.02610	.41390	.05345	7.74370	-.08100	-.00020	-.00000	.00120
5.955	13.150	.0000	.51000	-.03570	.50470	.08125	6.21230	-.09740	-.00070	-.00000	.00050
5.949	15.330	.0000	.60220	-.04210	.59190	.11860	4.99040	-.11250	-.00070	-.00070	-.00070
5.940	17.570	.0000	.70400	-.04370	.68430	.17086	4.00520	-.12600	-.00090	-.00070	.00370
5.955	19.790	.0000	.79170	-.04420	.75930	.22846	3.35530	-.12970	-.00050	-.00100	.00350
5.932	21.970	.0000	.87640	-.04860	.83090	.28283	2.93780	-.13610	-.00040	-.00010	.00220
5.935	24.190	.0000	.95110	-.05200	.89990	.34228	2.58700	-.14670	-.00420	-.00050	.00520
5.934	26.310	.0000	1.00450	-.05590	.94520	.39344	2.34080	-.15170	-.00580	-.00050	.00580

RUN NO. 115/ 0 RN/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.961	-2.180	.0000	-.09490	.06620	-.09450	.00979	-9.65350	-.01330	-.00040	-.00020	.00190
7.967	-1.060	.0000	-.05400	.00780	-.05380	.00881	-6.10940	.00470	-.00040	-.00020	.00180
7.974	.050	.0000	-.01160	.00860	-.01180	.00857	-1.37550	-.00380	-.00040	-.00010	.00150
7.963	1.150	.0000	.03050	.00790	.03040	.00856	3.55050	-.01220	-.00030	-.00010	.00150
7.946	2.240	.0000	.07280	.00650	.07050	.00925	7.62030	-.02010	-.00020	-.00010	.00140
7.952	3.390	.0000	.11590	.00380	.11580	.01065	10.84800	-.02820	-.00030	-.00010	.00120
7.960	4.480	.0000	.15730	.00100	.15680	.01325	11.83100	-.03560	-.00020	-.00010	.00110
7.962	6.750	.0000	.24560	-.00780	.24480	.02109	11.60600	-.05110	-.00010	-.00020	.00080
7.956	8.940	.0000	.33050	-.01810	.32920	.03352	9.82190	-.06550	-.00020	-.00100	.00020
7.951	11.210	.0000	.42050	-.02940	.41820	.05291	7.90460	-.08130	-.00070	-.00080	.00130
7.944	13.470	.0000	.51400	-.03960	.50910	.08123	6.25770	-.09760	-.00010	-.00040	.00060
7.936	15.770	.0000	.62330	-.04170	.61220	.12229	4.27700	-.11450	-.00020	-.00090	-.00420
7.932	18.070	.0000	.71310	-.04060	.69060	.18263	3.78110	-.11940	-.00290	-.00080	.00170
8.002	20.490	.0000	.81010	-.04720	.77550	.23877	3.24790	-.13080	-.00180	-.00060	.00150
8.002	22.620	.0000	.88350	-.05160	.83550	.29217	2.85390	-.13770	-.00160	-.00000	.00110
7.891	24.750	.0000	.94790	-.05560	.88590	.34717	2.55170	-.14600	-.00180	-.00030	-.00240
7.899	26.960	.0000	1.01620	-.05990	.93290	.40740	2.28990	-.15470	-.00250	-.00050	-.00490

NO PAGE IS FOR QUALITY

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

PAGE 118

WING V 60-70-0008

AMES 12-086 (LA65)

(ANC034) (16 JUL 75)

REFERENCE DATA

SREF = .5786 SQ.FT. XMRP = 7.5:18 IN. XB
 LREF = 8.8891 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 116/ 0 RN/L = 5.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
5.975	-2.110	-.00050	-.00020	.00420	400.00000
5.977	-1.030	-.00040	-.00020	.00420	401.00000
5.976	.070	-.00050	-.00020	.00410	401.00000
5.982	1.170	-.00040	-.00020	.00400	402.00000
5.967	2.260	-.00030	-.00010	.00420	401.00000
5.965	3.340	-.00030	-.00010	.00410	401.00000
5.962	4.370	-.00020	-.00000	.00410	400.00000
5.949	6.550	-.00010	-.00000	.00420	399.00000
5.955	8.730	-.00020	-.00020	.00420	403.00000
5.949	10.940	.00020	-.00000	.00450	402.00000
5.956	13.150	.00020	-.00010	.00460	401.00000
5.948	15.330	.00090	-.00050	.00490	403.00000
5.940	17.570	-.00110	-.00040	.00540	402.00000
5.955	19.790	-.00080	-.00070	.00620	404.00000
5.932	21.970	.00030	-.00020	.00740	401.00000
5.935	24.190	-.00400	-.00120	.00880	402.00000
5.934	26.510	-.00510	-.00210	.01100	404.00000

T/C = .080 LESWP = 60.000
 FILSWP = 70.000 TESWP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 115/ 0 RN/L = 7.95

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
7.961	-2.180	-.00030	-.00020	.00400	523.00000
7.967	-1.060	-.00040	-.00020	.00400	525.00000
7.974	.050	-.00040	-.00010	.00400	527.00000
7.963	1.150	-.00040	-.00010	.00400	527.00000
7.946	2.240	-.00030	-.00010	.00410	525.00000
7.952	3.390	-.00030	-.00000	.00420	527.00000
7.960	4.480	-.00020	-.00010	.00420	528.00000
7.962	6.750	-.00010	-.00020	.00420	529.00000
7.956	8.910	-.00030	-.00090	.00410	530.00000
7.951	11.210	-.00040	-.00080	.00430	529.00000
7.944	13.470	.00000	-.00040	.00450	529.00000
7.936	15.770	.00010	-.00090	.00470	529.00000
7.932	18.070	-.00030	-.00020	.00530	529.00000
7.949	20.450	-.00190	-.00010	.00610	532.00000
8.002	22.620	.00150	-.00060	.00760	539.00000
7.891	24.750	.00210	-.00010	.00920	525.00000
7.899	26.960	.00210	.00180	.01110	527.00000

WING V 60-65-0008

AMES 12-086 (LA65)

(RNL035) (16 JUL 75)

REFERENCE DATA

SREF = .5481 SQ.FT. XMRP = 6.4779 IN. XB
 LREF = 8.1375 INCHES YMRP = .0000 IN. YB
 BRFL = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 118/ 0 RN/L = 5.93

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.951	-2.140	.0000	-.03940	.00600	-.09510	.00976	-10.15100	.00900	-.00010	-.00050	.00220
5.959	-1.080	.0000	-.05900	.00740	-.05780	.00845	-6.84310	.00170	-.00020	-.00040	.00210
5.938	.040	.0000	-.01100	.00780	-.01100	.00777	-1.42100	-.00710	-.00020	-.00040	.00220
5.941	1.150	.0000	.03270	.00740	.03250	.00810	4.02040	-.01490	-.00020	-.00040	.00200
5.947	2.230	.0000	.07660	.00580	.07630	.00878	8.69500	-.02320	-.00030	-.00040	.00190
5.940	3.320	.0000	.12150	.00350	.12110	.01058	11.45000	-.02930	-.00020	-.00040	.00200
5.927	4.440	.0000	.16350	.00110	.16300	.01277	12.76900	-.03420	-.00020	-.00030	.00170
5.933	6.570	.0000	.25280	-.00220	.25220	.02029	12.42800	-.04690	-.00010	-.00010	.00150
5.930	8.880	.0000	.34450	-.02220	.34380	.03125	11.00300	-.05950	-.00010	-.00000	.00070
5.915	11.080	.0000	.43290	-.03550	.43170	.04832	8.93360	-.07000	-.00020	-.00020	.00110
5.929	13.280	.0000	.52290	-.04850	.51960	.07494	6.93380	-.08320	-.00010	-.00020	.00010
5.923	15.510	.0000	.61640	-.05470	.60850	.11210	5.42870	-.09720	-.00040	-.00010	.00030
5.918	17.730	.0000	.71290	-.06040	.69740	.15962	4.36920	-.11320	-.00030	-.00010	.00010
5.913	19.990	-.01000	.81000	-.06500	.78550	.20932	3.65720	-.11850	-.00890	-.00120	.00660
5.929	22.130	-.01000	.86740	-.06460	.82780	.26698	3.10040	-.12680	-.00710	-.00020	.00690
5.917	24.340	-.01000	.95070	-.06390	.89250	.33362	2.67520	-.13860	-.00110	-.00040	.00190
5.905	26.540	.00000	1.01760	-.06640	.94930	.42523	2.37840	-.14890	-.00050	-.00030	.00100

RUN NO. 117/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.015	-2.260	.0000	-.10200	.00580	-.110170	.00986	-10.32200	.00820	-.00010	-.00030	.00100
7.989	-1.110	.0000	-.05960	.00750	-.05940	.00961	-6.90210	.00080	-.00010	-.00020	.00080
7.993	.020	.0000	-.01260	.00800	-.01260	.00797	-1.57910	-.00740	-.00010	-.00020	.00080
7.980	1.150	.0000	.03260	.00750	.03250	.00821	3.95740	-.01520	-.00010	-.00020	.00070
7.972	2.300	.0000	.07960	.00610	.07930	.00929	8.53550	-.02390	-.00010	-.00010	.00060
8.017	3.470	.0000	.12510	.00320	.12570	.01083	11.60500	-.02730	-.00010	-.00010	.00050
8.010	4.550	.0000	.16760	-.00010	.16710	.01323	12.67600	-.03450	-.00010	-.00010	.00040
8.000	6.850	.0000	.26420	-.01090	.26360	.02082	12.66400	-.04940	-.00010	-.00000	.00020
8.010	9.150	.0000	.35380	-.02430	.35320	.03220	10.96900	-.06030	-.00010	-.00000	.00000
7.993	11.430	.0000	.44520	-.03780	.44380	.05117	8.67310	-.07200	-.00010	-.00010	.00020
7.913	13.750	.0000	.53930	-.04990	.53570	.07964	6.72710	-.08500	-.00000	-.00030	.00090
7.962	16.010	.0000	.63320	-.05840	.62470	.11850	5.27190	-.09840	-.00020	-.00040	.00130
7.975	18.320	-.01000	.72050	-.06150	.70330	.16807	4.10460	-.10960	-.00560	-.00120	.00460
7.970	20.580	-.02000	.80040	-.06370	.77170	.22171	3.48080	-.11570	-.00820	-.00100	.00710
7.923	22.820	.00000	.87350	-.06260	.82950	.29115	2.95050	-.11570	-.00710	-.00010	.00070
7.952	25.120	.00000	.97610	-.06630	.91190	.35442	2.57310	-.14110	-.00020	-.00000	.00020
7.955	27.380	.00000	1.05270	-.07020	.96700	.42186	2.29220	-.15260	-.00100	-.00030	.00030

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WING V 60-65-0008

AMES 12-086 (LA65)

(ANC035) (16 JUL 75)

REFERENCE DATA

SREF = .5481 SQ.FT. XMRP = 6.4779 IN. XB
 LREF = 8.1375 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 60.000
 FILSMP = 65.000 TESMP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 118/ 0 RN/L = 5.93

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
5.961	-2.140	-.00010	-.00050	.00490	395.00000
5.953	-1.080	-.00020	-.00040	.00490	395.00000
5.938	.040	-.00020	-.00040	.00510	395.00000
5.941	1.150	-.00020	-.00040	.00500	396.00000
5.947	2.230	-.00030	-.00030	.00510	397.00000
5.940	3.320	-.00030	-.00040	.00500	396.00000
5.927	4.440	-.00030	-.00030	.00510	395.00000
5.933	6.670	-.00020	-.00010	.00510	397.00000
5.930	8.680	-.00010	.00000	.00490	397.00000
5.915	11.080	-.00030	-.00020	.00500	395.00000
5.928	13.280	-.00020	-.00010	.00500	397.00000
5.923	15.510	-.00030	.00020	.00560	397.00000
5.918	17.730	-.00020	-.00010	.00600	396.00000
5.913	19.900	-.00080	.00190	.00730	396.00000
5.929	22.130	-.00650	.00250	.00870	399.00000
5.917	24.340	-.00080	.00080	.01030	397.00000
5.905	26.540	.00030	-.00050	.01200	398.00000

RUN NO. 117/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
8.015	-2.260	.00000	-.00030	.00480	524.00000
7.989	-1.110	-.00010	-.00020	.00500	522.00000
7.993	.020	-.00010	-.00020	.00500	524.00000
7.980	1.150	-.00010	-.00010	.00500	523.00000
7.972	2.300	-.00010	-.00010	.00490	523.00000
8.017	3.470	-.00010	.00000	.00500	529.00000
7.990	4.550	-.00010	-.00010	.00500	526.00000
7.991	6.860	-.00010	.00000	.00480	527.00000
7.980	9.150	-.00010	.00000	.00470	526.00000
7.979	11.430	-.00010	.00010	.00470	527.00000
7.913	13.750	.00010	.00030	.00510	528.00000
7.962	16.010	-.00010	.00050	.00560	526.00000
7.975	18.320	-.00050	.00060	.00650	529.00000
7.970	20.580	-.00800	.00190	.00750	528.00000
7.923	22.820	-.00090	.00050	.00950	531.00000
7.962	25.120	.00010	.00000	.01040	529.00000
7.965	27.380	.00070	-.00070	.01250	530.00000

WING 1 25-25-0012 AME's 12-086 (LA65)

(RNC036) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INC.IES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0300 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSMP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 138/ 0 RN/L = 1.97

RN/FT	ALPHA	BETA	CN	CA	CL	CLM	L/D	CD	CBL	CYN	CY
1.974	-2.040	.00000	-.12264	.01184	-.12214	-.00882	-7.56630	.01620	-.00060	-.00096	.00255
1.969	-.990	.00000	-.07586	.01364	-.07562	-.00919	-5.07330	.01495	-.00075	-.00081	.00255
1.963	.040	.00000	-.02819	.01409	-.0320	-.00969	-1.99450	.01407	-.00060	-.00068	.00240
1.969	1.080	.00000	.01484	.01379	.01458	-.00836	1.03900	.01407	-.00060	-.00068	.00240
1.972	2.120	.00000	.05547	.01244	.05497	-.00264	3.80060	.01449	-.00075	-.00054	.00225
1.971	3.180	.00000	.10630	.00975	.10559	-.00496	6.74760	.01563	-.00060	-.00121	.00480
1.968	4.220	.00000	.15772	.00720	.15676	-.00717	8.34060	.01878	-.00090	-.00102	.00525
1.967	6.320	.00000	.25397	.00255	.25271	-.00824	9.95680	.02542	-.00075	-.00078	.00450
1.966	8.430	.00000	.34903	-.01739	.34780	.00396	10.22500	.03396	-.00075	-.00040	.00375
1.966	10.540	.00000	.44963	-.03463	.44837	.00837	9.28930	.04820	-.00075	-.00065	.00435
1.967	12.590	.00000	.54258	-.05682	.54192	.01492	8.62530	.06281	-.00075	-.00095	.00435
1.967	14.730	.00000	.63313	-.08201	.63898	.02319	7.88040	.08319	-.00060	-.00095	.00435
1.962	16.790	.00000	.70525	-.10472	.70520	.03359	7.55770	.10220	-.00094	-.00422	.01109
1.968	18.710	.00000	.76687	-.12645	.76369	.04389	3.04990	.15220	-.00390	-.00006	.00390
1.967	20.680	.00000	.80370	-.14704	.80380	.05480	2.67690	.20781	-.00105	-.00147	.00360
1.965	22.660	.01000	.82511	-.16544	.81913	.06684	2.29810	.26936	.02264	-.00300	-.01304
1.969	24.680	.01000	.85802	-.18144	.81947	.08879	2.04870	.28879	.01784	-.00078	-.01334

RUN NO. 137/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CLM	L/D	CD	CBL	CYN	CY
3.984	-2.140	.00000	-.12594	.01019	-.12547	-.01006	-8.40900	.01489	-.00060	-.00096	.00255
3.990	-1.070	.00000	-.07855	.01229	-.07832	-.00941	-5.72030	.01376	-.00060	-.00071	.00210
3.990	.010	.00000	-.03193	.01274	-.03194	-.00768	-2.51850	.01274	-.00060	-.00068	.00240
3.997	1.100	.00000	.01394	.01274	.01370	-.00580	1.05160	.01301	-.00060	-.00069	.00240
3.997	2.190	.00000	.06252	.01124	.06204	-.00492	4.54490	.01363	-.00060	-.00081	.00255
3.996	3.290	.00000	.11229	.00870	.11161	-.00289	7.37480	.01513	-.00060	-.00069	.00225
3.996	4.370	.00000	.16247	.00450	.16155	-.00141	9.55290	.01686	-.00060	-.00056	.00210
3.987	6.570	.00000	.26222	-.00675	.26127	.00574	11.24500	.02330	-.00075	-.00042	.00195
3.990	8.730	.00000	.36207	-.02189	.36120	.01319	10.89800	.03332	-.00060	-.00042	.00195
3.984	10.970	.00000	.46612	-.04213	.46562	.02145	9.83480	.04734	-.00060	-.00043	.00180
3.975	13.150	.00000	.56683	-.06227	.56683	.02911	8.75630	.06184	-.00060	-.00043	.00180
3.975	15.290	.00000	.67316	-.08460	.67428	.03837	7.81080	.08626	-.00060	-.00057	.00195
3.973	17.470	.00000	.77316	-.11109	.77085	.04675	6.11660	.10614	-.00345	-.00642	.01334
3.979	19.630	-.01000	.85937	-.12309	.85078	.0518	4.92470	.12777	-.01184	-.01029	.02339
3.971	21.390	.01000	.92111	-.13538	.91813	-.05810	2.94180	.14866	-.01484	-.0164	-.00150
3.978	23.400	.01000	.94708	-.14744	.94058	-.07264	2.42090	.18528	-.00900	-.0127	-.00240
3.974	25.370	.03000	.94108	-.160120	.93910	-.08866	2.10040	.21861	.02399	-.00035	-.02009

WING I 25-25-0012 AMES 12-086 (LA65) (RNC036) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
LREF = 6.0646 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
FILSWP = 25.000 TESWP = 25.000
BETA = .000 MACH = .300
GR:TNO = 120.000

RUN NO. 136/ 0 RN/L = 5.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.009	-2.260	.00000	-.12984	.00960	-.12936	.01471	-8.78180	-.01081	-.00045	-.00043	.00180
6.007	-1.150	.00000	-.08141	.01124	-.08117	.01268	-6.29040	-.00996	-.00045	-.00031	.00150
6.003	.010	.00000	-.03163	.01214	-.03164	.01214	-2.50810	-.00763	-.00030	-.00030	.00165
5.998	1.150	.00000	.01754	.01154	.01731	.01189	1.45300	-.00571	-.00045	-.00031	.00150
5.994	2.250	.00000	.06557	.00990	.05523	.01247	5.21860	-.00491	-.00045	-.00031	.00150
5.990	3.400	.00000	.11934	.00705	.11871	.01411	8.41550	-.00344	-.00045	-.00018	.00135
5.978	4.510	.00000	.16942	.00315	.16864	.01646	10.25800	-.00225	-.00045	-.00018	.00135
5.972	6.810	.00000	.27061	-.00855	.26972	.02360	11.42200	.00796	-.00045	-.00019	.00120
5.978	9.100	.00000	.38095	-.02579	.38024	.03479	10.93800	.01532	-.00045	-.00005	.00105
5.973	11.390	.00000	.48931	-.04723	.48772	.05008	9.74880	.02416	-.00060	-.00019	.00120
5.972	13.750	.00000	.60150	-.07436	.60194	.07074	8.51110	.03242	-.00060	-.00018	.00135
5.965	15.920	.00000	.70360	-.10423	.70511	.09341	7.54410	.04182	-.00060	-.00019	.00120
5.957	18.320	.00000	.81349	-.14018	.81632	.12263	6.65870	.05091	-.00045	-.00034	.00120
5.951	20.600	.00000	.91439	-.17616	.91791	.15682	5.85430	.05947	-.00000	-.00049	.00120
5.945	22.510	.00000	.93613	-.11124	.90740	.20462	3.54860	-.01035	-.00090	-.00050	.00270
5.971	24.320	.01000	.67391	-.07406	.63233	.29488	2.82200	-.05154	-.01619	-.00150	.00810
5.973	26.160	.01000	.62969	-.04318	.76373	.32704	2.33530	-.07459	-.00750	-.00132	.00840

RUN NO. 135/ 0 RN/L = 7.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.004	-2.450	.00000	-.13658	.00780	-.13612	.01363	-10.02600	-.01181	-.00030	-.00014	.00015
8.000	-1.280	.00000	-.08636	.00950	-.08612	.01152	-7.42110	-.01091	-.00015	-.00014	.00015
7.992	-.020	.00000	-.03163	.01034	-.03163	.01036	-3.05920	-.00884	-.00015	-.00012	.00030
7.984	1.110	.00000	.01574	.00890	.01555	.01020	1.51810	-.00667	-.00030	-.00000	.00030
7.989	2.320	.00000	.07061	.00840	.07022	.0125	6.28160	-.00578	-.00015	-.00001	.00015
7.960	3.530	.00000	.12324	.00525	.12268	.01283	9.55060	-.00199	-.00030	-.00014	.00015
7.973	4.650	.00000	.17351	.00120	.17294	.01530	11.35600	.00137	-.00030	-.00000	.00000
7.961	7.080	.00000	.26621	-.01199	.26550	.02337	12.19800	.00855	-.00030	-.00023	.00075
7.957	9.490	.00000	.40060	-.03058	.40016	.03588	11.16200	.01638	-.00030	-.00009	.00060
7.981	11.890	.00000	.51304	-.05442	.51325	.05245	9.79130	.02565	-.00045	-.00009	.00060
7.961	14.290	.00000	.62549	-.08321	.62667	.07376	8.49450	.03554	-.00075	-.00011	.00045
7.951	16.770	.00000	.74153	-.11814	.74408	.10084	7.37880	.04551	-.00075	-.00011	.00045
7.988	19.090	.00000	.84543	-.15412	.84934	.13085	6.49260	.05586	-.00060	-.00035	.00105
7.964	21.540	.00000	.95592	-.19570	.96138	.16800	5.72050	.06558	-.00015	-.00014	.00015
7.973	23.320	-.02000	.95382	-.12384	.92217	.26268	3.51000	-.01297	-.01379	-.00134	.00315
7.960	25.310	-.03000	.95127	-.11244	.93803	.30503	2.97820	-.03139	-.02144	-.00332	.00510
7.940	26.890	.01000	.84993	-.06972	.78956	.32223	2.45030	-.06097	-.01004	-.00362	-.01109

DATE 20 FEB 75

LAGE TABULATED SOURCE DATA

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WING I 25-25-0012 AMES 12-086 (LAGE5) (ANC036) (21 JAN 76)

REFERENCE DATA

SPEF = .5274 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.175 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 138/ 0 RN/L = 1.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
1.974	-2.040	-.00056	-.00099	.00200	129.00000
1.969	-.990	-.00074	-.00083	.00210	129.00000
1.968	.040	-.00060	-.00068	.00220	129.00000
1.969	1.080	-.00061	-.00067	.00210	129.00000
1.972	2.120	-.00077	-.00065	.00210	130.00000
1.971	3.180	-.00063	-.00051	.00210	130.00000
1.968	4.220	-.00084	-.00115	.00210	130.00000
1.957	6.320	-.00101	-.00091	.00200	130.00000
1.966	8.430	-.00086	-.00067	.00230	130.00000
1.966	10.540	-.00081	-.00026	.00210	130.00000
1.957	12.590	-.00087	-.00047	.00220	130.00000
1.957	14.730	-.00082	-.00076	.00210	130.00000
1.952	16.790	-.00170	-.00088	.00250	129.00000
1.958	18.710	-.00367	-.00131	.00410	130.00000
1.957	20.580	.00046	-.00174	.00510	130.00000
1.955	22.650	.01973	-.01149	.00850	130.00000
1.959	24.690	.01589	-.00816	.01060	130.00000

RUN NO. 137/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSP)
3.984	-2.140	-.00056	-.00099	.00230	264.00000
3.931	-1.970	-.00059	-.00072	.00230	265.00000
3.930	.010	-.00060	-.00068	.00240	265.00000
3.938	1.100	-.00061	-.00067	.00230	267.00000
3.997	2.190	-.00063	-.00079	.00240	267.00000
3.992	3.290	-.00064	-.00066	.00240	266.00000
3.986	4.370	-.00064	-.00051	.00250	265.00000
3.987	6.570	-.00079	-.00033	.00240	267.00000
3.990	8.730	-.00066	-.00032	.00240	267.00000
3.924	10.970	-.00067	-.00031	.00240	266.00000
3.976	13.120	-.00068	-.00029	.00230	266.00000
3.975	15.290	-.00073	-.00039	.00230	265.00000
3.973	17.470	-.00522	-.00508	.00240	266.00000
3.979	19.630	-.01461	-.00571	.00250	267.00000
3.971	21.390	-.01322	-.00694	.00480	265.00000
3.978	23.400	.00775	-.00474	.00570	267.00000
3.974	25.370	.02152	-.01060	.00380	267.00000

ORIGINAL PAGE IS OF POOR QUALITY

WING 1 25-25-0012 AMES 12-086 (LA65) (ANC036) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMF2 = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 36/ 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
6.009	-2.260	-.00043	-.00045	.00240	402.00000
6.007	-1.150	-.00044	-.00032	.00240	402.00000
6.003	.010	-.00030	-.00030	.00240	402.00000
5.998	1.150	-.00046	-.00030	.00240	402.00000
5.994	2.250	-.00046	-.00029	.00230	401.00000
5.990	3.400	-.00046	-.00015	.00230	402.00000
5.979	4.510	-.00046	-.00014	.00250	400.00000
5.972	6.810	-.00047	-.00013	.00250	400.00000
5.978	9.100	-.00045	-.00002	.00250	401.00000
5.973	11.390	-.00063	-.00007	.00230	401.00000
5.972	13.750	-.00062	-.00003	.00240	401.00000
5.965	15.970	-.00063	-.00002	.00220	400.00000
5.957	18.320	-.00053	-.00018	.00230	399.00000
5.951	20.600	-.00017	-.00046	.00230	399.00000
5.945	22.510	-.00102	-.00012	.00240	404.00000
5.971	24.320	.01427	-.00040	.00250	402.00000
5.973	26.150	.00731	-.00012	.00810	403.00000

RUN NO. 135/ 0 RN/L = 7.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.004	-2.450	-.00029	-.00015	.00250	528.00000
8.000	-1.280	-.00015	-.00014	.00250	528.00000
7.992	-.020	-.00015	-.00012	.00270	528.00000
7.984	1.110	-.00030	-.00001	.00250	528.00000
7.989	2.320	-.00015	-.00002	.00260	529.00000
7.960	3.530	-.00029	-.00015	.00260	525.00000
7.973	4.660	-.00030	-.00002	.00250	528.00000
7.961	7.080	-.00033	-.00019	.00250	527.00000
7.967	9.490	-.00031	-.00004	.00240	528.00000
7.981	11.890	-.00045	-.00000	.00240	530.00000
7.951	14.290	-.00075	-.00008	.00230	528.00000
7.951	16.700	-.00075	-.00011	.00240	527.00000
7.988	19.090	-.00068	-.00014	.00260	534.00000
7.984	21.540	-.00019	-.00007	.00250	531.00000
7.973	23.320	-.01214	-.00669	.00240	534.00000
7.960	25.310	-.01296	-.01217	.00500	532.00000
7.940	25.890	.01060	-.00131	.00820	530.00000

PARAMETRIC DATA

T/C = .120
 FILSWP = 25.000
 BETA = .000
 GRITNO = 120.000
 LESWP = 25.000
 TESWP = 25.000
 MACH = .300

DATE 20 FEB 76

LASS TABULATED SOURCE DATA

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WING I 25-80-0012

AMES 12-086 (LAB5)

(RNC037) (21 JAN 76)

REFERENCE DATA

SREF = .7905 SO.FT. XMRP = 12.4090 IN. XB
 CREF = 12.6735 INCHES YMRP = .0000 IN. YB
 SCAL = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESMP = 25.000
 FILSMP = 80.000 TESHP = 25.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 125/ 0 RN/L = 3.99

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.982	-2.050	.0000	-.0767	.00734	-.07646	.01009	-7.59520	.01633	.00000	-.00004	.00040
4.001	-1.050	.0000	-.04722	.00807	-.04707	.00893	-5.26380	.00932	.00000	.00010	.00033
4.002	.030	.0000	-.01581	.00847	-.01581	.00846	-1.87520	.00260	-.00007	.00002	.00047
3.994	1.140	.0000	.01688	.00800	.01871	.00884	2.23930	-.00510	-.00007	.00010	.00033
3.984	2.170	.0000	.04876	.00700	.04846	.00884	5.49530	-.01177	-.00007	.00011	.00027
3.989	3.290	.0000	.08317	.00574	.08271	.01050	7.87830	-.01895	-.00007	.00025	.00020
3.989	4.350	.0000	.11959	.00340	.11799	.01239	9.53720	-.02684	-.00007	.00011	.00027
3.983	5.530	.0000	.18536	-.00260	.18445	.01850	9.98200	-.04149	-.00007	.00013	.00013
3.981	8.670	.0000	.26113	-.01081	.25978	.02858	9.05930	-.05891	.00000	.00064	-.00047
3.987	10.870	.0000	.34317	-.02074	.34093	.04434	7.68330	-.07643	.00013	.00058	-.00047
3.992	13.010	.0000	.42595	-.02928	.42070	.07126	5.90280	-.09662	.00120	.00446	-.00567
3.998	15.210	.01000	.51699	-.01367	.50440	.12297	4.10120	-.12611	.00197	.00048	-.00374
3.992	17.360	.02000	.50917	-.01481	.49629	.16464	3.50110	-.14750	.00193	-.00129	-.00414
3.999	19.540	.02000	.68721	-.01928	.65421	.21130	3.09610	-.16893	.00320	-.00111	-.00747
3.977	21.700	.03000	.76218	-.02281	.71650	.26062	2.74960	-.18736	.00427	-.00059	-.01167
3.974	23.840	.04000	.81547	-.02481	.75536	.30677	2.45470	-.19913	.00707	-.00220	-.01301
3.965	26.010	.04000	.80057	-.03075	.79408	.35326	2.24740	-.20753	.00654	-.00231	-.01474

RUN NO. 124/ 0 RN/L = 5.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.953	-2.160	.0000	-.07851	.00700	-.07819	.00986	-7.64970	.01639	.00000	.00004	.00033
5.958	-1.020	.0000	-.04809	.00800	-.04793	.00892	-5.36890	.00933	.00000	.00004	.00027
5.963	.010	.0000	-.01567	.00834	-.01568	.00833	-1.87830	.00265	-.00000	.00017	.00033
5.959	1.180	.0000	.01854	.00807	.01937	.00845	2.15700	-.00477	.00000	.00018	.00020
5.943	2.260	.0000	.05143	.00714	.05110	.00916	5.58550	-.01223	.00000	.00025	.00013
5.953	3.400	.0000	.08744	.00547	.08697	.01065	8.18950	-.02001	.00000	.00027	.00000
5.955	4.490	.0000	.12133	.00313	.12071	.01262	9.56690	-.02720	.00000	.00027	-.00007
5.948	6.740	.0000	.19203	-.00357	.19113	.01889	10.11300	-.04272	-.00007	.00036	-.00027
5.943	8.950	.0000	.27327	-.01247	.27188	.03019	9.00580	-.06148	-.00013	.00058	-.00047
5.954	11.230	.0000	.35911	-.02308	.35673	.04730	7.54030	-.07999	.00007	.00061	-.00080
5.957	13.520	.0000	.44289	-.03428	.43863	.07021	6.24960	-.09821	.00093	.00132	-.00273
5.956	15.630	.01000	.54014	-.04289	.52852	.11570	4.57040	-.12545	.00440	.00745	-.01347
5.945	18.990	.03000	.62718	-.02628	.62434	.16977	3.55970	-.15021	.00200	.00100	-.00827
5.937	20.340	.03000	.71569	-.02581	.68004	.22456	3.02830	-.17422	.00280	-.00051	-.01041
5.939	22.580	.05000	.78319	-.02695	.73991	.27630	2.67830	-.19176	.00427	-.00035	-.01427
5.936	24.820	.05000	.85369	-.03332	.78008	.32821	2.40330	-.20519	.00600	-.00078	-.01681
5.936	27.090	.07000	.91492	-.03495	.83108	.38108	2.18470	-.21466	.00760	-.00229	-.01708

WING 1 25-80-0012

AMES 12-086 (LA65)

(RNC037) (21 JAN 76)

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

T/C = .120 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

PARAMETRIC DATA

RUN NO. 123/ 0 RV/L = 7.95

RN/FT	ALPHA	BETA	CN	CA	CL	CL	CD	L/D	CLM	CBL	CYN	CY
8.012	-2.270	.0000	-.08237	.00687	-.08204	.01013	-8.11450	.01699	.00007	.00001	-.00001	.00013
8.015	-1.130	.0000	-.04909	.00800	-.04892	.00897	-5.44780	.00970	.00000	-.00002	-.00002	.00020
7.995	.010	.0000	-.01627	.00847	-.01628	.00847	-1.92190	.00244	.00000	.00011	.00011	.00027
7.972	1.170	.0000	.01834	.00814	.01817	.06851	2.13410	-.00501	.00000	.00012	.00012	.00013
7.954	2.370	.0000	.05193	.00707	.05549	.00531	5.95270	-.01337	.00000	.00013	.00013	.00007
7.952	3.520	.0000	.09039	.00314	.08989	.01059	8.42830	-.02072	.00000	.00019	.00019	.00007
7.943	4.590	.0000	.12319	.00267	.12259	.01252	9.80170	-.02748	-.00007	.00028	.00028	-.00013
7.950	6.970	.0000	.20143	-.00474	.20052	.01974	10.14500	-.04523	-.00007	.00043	.00043	-.00033
7.923	9.310	.0000	.28888	-.01454	.28742	.03238	8.86680	-.06505	-.00020	.00052	.00052	-.00060
7.938	11.630	.0000	.37432	-.02568	.37176	.05070	7.32980	-.08326	.00007	.00066	.00066	-.00140
7.934	14.060	.0100	.46216	-.03809	.45757	.07533	6.07260	-.10226	.00087	.00093	.00093	-.00360
7.926	16.450	.0200	.55474	-.04395	.54448	.11494	4.73700	-.12490	.00354	.00545	.00545	-.01207
7.924	18.830	.0400	.65539	-.04696	.63642	.16742	3.79990	-.15257	.00614	.00736	.00736	-.01908
7.920	21.200	.0500	.74631	-.07662	.70975	.23388	3.03500	-.17961	.00414	.00294	.00294	-.01667
7.927	23.570	.0700	.82408	-.03982	.77085	.29394	2.62320	-.19897	.00627	.00044	.00044	-.01701
7.920	25.910	.0900	.90112	-.04349	.82954	.35463	2.33690	-.21542	.00794	-.00090	-.00090	-.01774
7.924	28.170	.0900	.95598	-.04869	.86564	.40834	2.12000	-.22318	.00794	.00182	.00182	-.01861

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING I 25-80-0012 (ANC037) (21 JAN 76)

AMES 12-086 (LA65)

REFERENCE DATA

SREF = 7.05 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.5755 INCHES YMRP = .0000 IN. YB
 BRP = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 125/ 0 RN/L = 3.99

RN/FT	ALPHA	CJL	CLN	CPCAV	O(PSF)
3.982	-2.060	.0000C	-.00004	.00260	262.00000
4.001	-1.050	-.0000C	.00010	.00260	255.00000
4.002	.030	-.00007	.00002	.00270	255.00000
3.934	1.140	-.00005	.00010	.00290	264.00000
3.934	2.170	-.00005	.00011	.00290	265.00000
3.989	3.290	-.00005	.00025	.00290	264.00000
3.989	4.350	-.00005	.00011	.00280	265.00000
3.983	6.530	-.00003	.00028	.00310	264.00000
3.981	8.670	.00010	.00064	.00310	264.00000
3.987	10.870	.00024	.00054	.00330	265.00000
3.932	13.010	.00217	.00407	.00340	266.00000
3.938	15.210	.00193	-.00033	.00300	267.00000
3.979	17.360	.00146	-.00180	.00420	266.00000
3.933	19.540	.00205	-.00212	.00450	266.00000
3.977	21.700	.00375	-.00213	.00540	265.00000
3.974	23.830	.00558	-.00487	.00650	264.00000
3.966	26.010	.00486	-.00494	.00820	263.00000

T/C = .120 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

PARAMETRIC DATA

RUN NO. 124/ 0 RN/L = 5.95

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
5.963	-2.160	-.00000	.00004	.00280	394.00000
5.968	-1.090	-.00000	.00004	.00270	395.00000
5.963	.010	.00000	.00017	.00290	395.00000
5.959	1.180	.00000	.00018	.00280	395.00000
5.953	2.260	.00001	.00025	.00280	393.00000
5.953	4.490	.00002	.00027	.00290	395.00000
5.948	6.740	-.00002	.00036	.00300	394.00000
5.948	8.950	-.00004	.00059	.00310	395.00000
5.964	11.230	.00018	.00058	.00340	397.00000
5.957	13.520	.00122	.00106	.00350	397.00000
5.955	15.830	.00227	.00396	.00370	398.00000
5.945	18.090	.00193	-.00053	.00410	397.00000
5.937	20.340	.00245	-.00145	.00470	396.00000
5.929	22.580	.00391	-.00196	.00540	396.00000
5.936	24.820	.00512	-.00323	.00670	397.00000
5.936	27.090	.00573	-.00550	.00820	397.00000

ORIGINAL PAGE IS OF POOR QUALITY

WING 1 25-80-0012

AMES 12-086 (LA65)

(ANC037) (21 JAN 76)

REFERENCE DATA

SREF = .7905 SO.FT.
 LREF = 12.6755 INCHES
 BREF = 13.1135 INCHES
 SCALE = .0000

XMRP = 12.4090 IN. XB
 YMRP = .0000 IN. YB
 ZMRP = .0000 IN. ZB

RUN NO. 173/ 0 RN/L = 7.95

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
8.012	-2.270	.00007	-.00001	.00260	523.00000
8.005	-1.130	.00000	-.00002	.00280	523.00000
7.995	.010	.00000	.00011	.00280	523.00000
7.972	1.170	.00000	.00012	.00290	524.00000
7.954	2.370	.00001	.00013	.00290	523.00000
7.952	3.520	.00001	.00019	.00290	522.00000
7.943	4.590	-.00004	.00028	.00290	522.00000
7.950	6.970	-.00001	.00044	.00330	524.00000
7.923	9.310	-.00011	.00055	.00320	521.00000
7.938	11.690	.00020	.00064	.00320	523.00000
7.934	14.060	.00107	.00069	.00360	524.00000
7.925	16.450	.00493	.00423	.00400	523.00000
7.924	18.630	.00818	.00499	.00430	523.00000
7.904	21.200	.00492	.00124	.00540	521.00000
7.907	23.570	.00592	-.00211	.00540	524.00000
7.920	25.910	.00675	-.00428	.00640	524.00000
7.924	28.170	.00614	-.00555	.00820	525.00000

PARAMETRIC DATA

T/C = .120
 FILSWP = 80.000
 BETA = .000
 CRITNO = 120.000

LESWP = 25.000
 TFSWP = 25.000
 MACH = .500

DATE 20 FEB 76

LASS TABULATED SOURCE DATA

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WING 1 25-60-0012

AMES 12-086 (LASS)

(RNC038) (16 JUL 75)

REFERENCE DATA

SREF = .5913 SQ.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 134/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.984	-2.040	.0000	-.09140	.00850	-.09100	.01178	-7.72280	.00080	.00040	-.00020	.00220
3.982	-1.010	.0000	-.05120	.00900	-.05100	.00986	-5.17630	-.00100	-.00040	.00000	.00210
3.991	.060	.0000	-.00660	.00950	-.00660	.00952	-.69240	-.00320	-.00040	.00020	.00190
3.991	1.170	.0000	.03550	.00910	.03530	.00380	3.60300	-.00330	.00050	.00010	.00230
3.990	2.160	.0000	.07330	.00750	.07300	.01056	7.41320	-.00460	.00020	.00020	.00220
3.993	3.290	.0000	.12490	.00550	.12440	.01271	9.78380	-.00620	.00060	.00020	.00230
3.994	4.370	.0000	.16570	.00230	.16500	.01542	10.70400	-.00670	.00060	.00020	.00210
3.994	6.490	.0000	.25340	.00530	.25250	.02232	11.31100	-.00750	.00070	.00000	.00290
3.983	8.590	.0000	.34450	-.01910	.34340	.03254	10.55500	-.00910	.00070	.00010	.00290
3.984	10.750	.0000	.44400	-.03640	.44300	.04705	9.41590	-.01230	.00070	.00020	.00260
3.987	12.930	.0000	.54370	-.05680	.54260	.06831	8.16240	-.01510	.00060	.00020	.00230
3.982	15.000	.0000	.62470	-.07170	.61710	.09300	5.59530	-.03120	.00720	.00770	-.01010
3.981	17.080	.0000	.69250	-.08490	.67810	.12491	4.49350	-.04940	.01620	.00990	-.01790
3.970	18.930	.0000	.68700	-.09200	.64770	.16496	2.94620	-.09450	.00700	.01170	.00680
3.995	21.050	.0000	.59200	-.08130	.54430	.24455	2.61400	-.09320	.00850	.00160	.01270
3.973	23.060	.0000	.72340	-.09450	.66740	.27433	2.39010	-.10320	.00700	.00070	.01330
3.975	25.110	.0000	.76630	-.09930	.69790	.31431	2.26260	-.10660	.00630	-.00010	.01510

RUN NO. 133/ 0 RN/L = 5.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
6.009	-2.080	.0000	-.09530	.00790	-.09490	.01135	-8.36000	.00120	.00020	.00010	.00050
5.992	-1.040	.0000	-.05410	.00900	-.05390	.01000	-5.33330	-.00340	-.00020	.00020	.00050
5.995	.060	.0000	-.00970	.00950	-.00970	.00961	-.91050	-.00260	-.00040	.00010	.00160
5.976	1.160	.0000	.03160	.00930	.03140	.00349	3.31280	-.00270	.00050	.00010	.00150
5.970	2.230	.0000	.07480	.00750	.07440	.01053	7.07160	-.00390	.00050	.00020	.00130
5.955	3.320	.0000	.12100	.00540	.12050	.01239	9.72420	-.00470	.00060	.00010	.00130
5.955	4.420	.0000	.16500	.00230	.16440	.01497	10.97900	-.00530	.00070	.00010	.00210
6.003	6.530	.0000	.25100	.00750	.25010	.02270	11.45900	-.00830	.00070	.00010	.00180
5.977	8.650	.0000	.35870	-.02140	.35770	.03403	10.51100	-.01100	.00080	.00000	.00260
5.993	11.050	.0000	.45510	-.03920	.45310	.04997	9.29330	-.01340	.00060	.00000	.00210
5.966	13.270	.0000	.55230	-.06100	.55140	.06736	8.16590	-.01420	.00070	.00010	.00200
5.922	15.420	.0000	.63330	-.08280	.62810	.11192	5.61260	-.02960	.00730	.00810	-.01180
5.968	17.530	.0000	.69330	-.10120	.68010	.15058	4.51640	-.04790	.01860	.01080	-.02180
5.959	19.440	.0000	.59700	-.08100	.59300	.22425	2.94290	-.09540	.00100	.00240	.00110
5.945	21.420	.0000	.74270	-.09720	.65760	.24937	2.63470	-.10080	.00190	.00160	.00500
5.992	23.430	.0000	.72070	-.09320	.66470	.27879	2.38420	-.10200	.00450	.00070	.01140
5.955	25.600	.0000	.76170	-.09530	.69360	.31525	2.20010	-.10610	.00560	-.00010	.01410

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 60.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

WING I 25-60-0012

AMES 12-086 (LA65)

(RNC038) (16 JUL 75)

REFERENCE DATA

SREF = .5913 SO.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 UREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESMP = 25.000
 FILSMP = 60.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 132/ 0 RN/L = 7.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.016	-2.210	.00000	-1.0050	.00730	-1.0010	.01118	-8.95760	.00110	-.00030	.00000	.00030
7.962	-1.030	.00000	-.05700	.00880	-.05690	.00990	-5.74220	-.00060	-.00040	-.00010	.00080
8.008	.040	.00000	-.01100	.00940	-.01100	.00936	-1.17610	-.00210	-.00030	-.00010	.00110
8.001	1.170	.00000	.03270	.00890	.03260	.00951	3.42200	-.00350	-.00050	.00000	.00120
7.996	2.370	.00000	.08180	.00720	.08140	.01059	7.68940	-.00440	-.00050	.00000	.00100
7.958	3.440	.00000	.12380	.00480	.12320	.01220	10.10500	-.00480	-.00050	-.00010	.00150
7.957	4.540	.00000	.17000	.00140	.16930	.01484	11.40600	-.00540	-.00060	-.00010	.00110
7.957	6.860	.00000	.26840	-.00930	.26760	.02277	11.74900	-.00670	-.00070	.00000	.00110
7.955	9.080	.00000	.35510	-.02350	.35420	.03443	10.57700	-.00900	-.00670	.00000	.00090
7.950	11.380	.00000	.46770	-.04280	.46690	.05040	9.26490	-.01130	-.00080	.00000	.00130
7.938	13.650	.00000	.56540	-.06490	.56480	.07043	8.01920	-.01280	-.00070	.00000	.00100
7.937	15.910	-.01200	.66150	-.08320	.65900	.10128	6.50650	-.01910	.00140	.00360	-.00400
7.946	18.120	-.02000	.74930	-.09290	.74140	.14436	5.11480	-.03380	.00870	.00970	-.01640
7.933	20.130	.00000	.77030	-.05940	.74370	.20931	3.95310	-.06720	.01660	.00390	-.01190
7.918	22.130	.01000	.79170	-.04620	.75080	.25543	2.93940	-.08350	.01960	.00230	-.00920
7.945	24.180	.00000	.81120	-.03570	.75460	.29973	2.51750	-.10490	.01790	.00300	-.00730
7.934	26.250	-.01000	.85140	-.04020	.78140	.34043	2.29550	-.10930	.01060	.00270	.00060

REFERENCE DATA

SREF = .5913 SQ.FT. XMRP = 5.3767 IN. XB
 LREF = 7.6236 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 60.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 134 / 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.984	-2.040	-.00040	-.00030	.00270	264.00000
3.992	-1.010	-.00040	.00000	.00280	265.00000
3.991	.060	-.00040	.00020	.00290	266.00000
3.991	1.170	-.00050	.00010	.00280	266.00000
3.980	2.180	-.00050	.00020	.00290	265.00000
3.983	3.290	-.00060	.00020	.00280	265.00000
3.984	4.330	-.00060	.00020	.00290	266.00000
3.994	6.490	-.00070	.00010	.00270	267.00000
3.983	8.590	-.00070	.00020	.00270	266.00000
3.984	10.750	-.00070	.00030	.00290	266.00000
3.987	12.930	-.00050	.00030	.00310	267.00000
3.982	15.000	.00890	.00560	.00360	266.00000
3.981	17.080	.01840	.00480	.00410	266.00000
3.970	18.990	-.00600	.00390	.00600	265.00000
3.985	21.050	-.00740	.00450	.00790	267.00000
3.979	23.060	-.00620	.00340	.00960	266.00000
3.975	25.110	-.00570	.00260	.01100	266.00000

RUN NO. 133 / 0 RN/L = 5.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
6.009	-2.080	-.00020	.00010	.00280	397.00000
5.992	-1.040	-.00020	.00020	.00290	399.00000
5.990	.060	-.00040	.00010	.00280	400.00000
5.976	1.160	-.00050	.00010	.00290	398.00000
5.970	2.230	-.00050	.00020	.00290	398.00000
5.965	3.320	-.00060	.00010	.00300	399.00000
5.955	4.420	-.00070	.00010	.00300	399.00000
6.003	5.630	-.00060	.00020	.00290	403.00000
5.977	8.850	-.00080	.00010	.00300	400.00000
5.983	11.050	-.00080	.00010	.00290	401.00000
5.966	13.270	-.00060	.00020	.00320	399.00000
5.982	15.420	.03200	.00580	.00360	402.00000
5.966	17.530	.02100	.00470	.00420	400.00000
5.959	19.440	-.00020	.00260	.00560	399.00000
5.946	21.420	-.00110	.00220	.00710	399.00000
5.982	23.490	-.00330	.00240	.00890	403.00000
5.955	25.600	-.00510	.00240	.01070	401.00000

ORIGINAL PAGE IS OF POOR QUALITY

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LA65 TABULATED SOURCE DATA

PAGE 132

WING 1 25-60-0012

AMES 12-086 (LA65)

(ANC038) (16 JUL 75)

REFERENCE DATA

SREF = .5913 SQ.FT.
 LREF = 7.6236 INCHES
 BREF = 13.1135 INCHES
 SCALE = .000C

XMRP = 5.3767 IN. XB
 YMRP = .0000 IN. YB
 ZMRP = .0000 IN. ZB

RUN NO. 132/ 0 RN/L = 7.96

PARAMETRIC DATA

T/C = .120
 FILSWP = 60.000
 BETA = .000
 GRITNO = 120.000

LESWP = 25.000
 TESWP = 25.000
 MACH = .300

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
8.016	-2.210	-.00033	.00000	.00260	523.00000
7.962	-1.080	-.00040	-.00010	.00260	517.00000
8.008	.040	-.00030	-.00010	.00270	525.00000
8.001	1.170	-.00050	.00000	.00270	526.00000
7.936	2.370	-.00050	.00000	.00270	526.00000
7.958	3.440	-.00050	.00000	.00270	522.00000
7.967	4.540	-.00050	.00000	.00260	524.00000
7.957	6.860	-.00070	.00010	.00260	524.00000
7.955	9.080	-.00070	.00010	.00280	524.00000
7.950	11.390	-.00070	.00020	.00290	524.00000
7.938	13.650	-.00070	.00020	.00280	523.00000
7.937	15.910	.00230	.00310	.00320	524.00000
7.946	18.120	.01120	.00050	.00350	526.00000
7.933	20.130	.01620	-.00200	.00310	525.00000
7.918	22.130	.01900	-.00530	.00680	524.00000
7.945	24.180	.01750	-.00460	.00860	528.00000
7.934	26.250	.01070	-.00230	.00920	528.00000

DATE 20 FEB 76

L655 TABULATED SOURCE DATA

PAGE 133

WING 11 35-35-WEDGE

AMES 12-086 (L655)

(RNC039) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4905 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .000 LESWP = 35.000
 FILSWP = 35.000 TESWP = 20.000
 BETA = .000 MACH = .300
 CRITNO = 120.000

RUN NO. 119/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.990	-2.100	.00000	-.09940	.01070	-.09900	.01436	-6.89350	-.00860	-.00040	-.00030	.00200
3.984	-1.000	.00000	-.05910	.01140	-.05690	.01246	-4.72570	-.00560	-.00040	-.00020	.00200
3.995	.130	.00000	-.01850	.01190	-.01850	.01183	-1.56340	-.00420	-.00050	-.00020	.00200
3.970	1.140	.00000	.02060	.01140	.02040	.01183	1.72640	-.00110	-.00040	-.00030	.00270
3.966	2.180	.00000	.05920	.00990	.05890	.01216	4.83810	.00080	-.00050	-.00020	.00200
3.997	3.230	.00000	.09540	.00910	.09480	.01346	7.03830	.00460	-.00050	-.00030	.00230
3.983	4.320	.00000	.14540	.00510	.14460	.01604	9.01860	.00520	-.00040	-.00020	.00190
3.982	6.510	.00000	.24470	-.00250	.24340	.02529	9.62520	.00820	-.00050	-.00020	.00200
3.990	8.640	.00000	.33910	-.01070	.33690	.04042	8.33470	.01240	-.00110	-.00020	.00180
3.977	10.840	.00000	.43510	-.01550	.43020	.06663	6.45680	.01270	-.00030	-.00010	.00170
3.920	12.980	.00000	.50480	-.01410	.49500	.09961	4.95960	.01170	.00120	.00020	.00170
3.983	14.960	.00000	.52070	-.00140	.50340	.13311	3.78220	.00360	.00040	.00020	.00150
3.979	17.050	.00000	.56390	.00300	.53830	.16797	3.20480	-.00290	-.00090	-.00020	.00130
3.979	19.070	.00000	.56130	.01380	.52590	.19646	2.67710	-.01090	-.00140	-.00040	.00330
3.976	21.010	.00000	.55120	.02420	.50580	.22024	2.29680	-.02040	-.00120	-.00010	.00330
3.970	23.050	.00000	.60140	.02520	.54630	.25980	2.10290	-.03190	-.00050	-.00030	.00210
3.970	25.150	.00000	.64530	.02200	.57480	.29413	1.95410	-.03480	.00120	-.00020	.00070

G 11 35-35-WE.JOE (ANC039) (16 JUL 75)

AMES 12-086 (LA65)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 3.4571 IN. XB
 LREF = 6.4906 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .000 LESWP = 35.000
 FILSWP = 35.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 119/ 0 RN/L = 3.38

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
3.990	-2.100	-.00040	-.00030	.00260	260.00000
3.984	-1.000	-.00040	-.00020	.00270	260.00000
3.995	.130	-.00050	-.00020	.00260	261.00000
3.970	1.140	-.00040	-.00030	.00250	262.00000
3.986	2.180	-.00050	-.00020	.00240	261.00000
3.987	3.230	-.00050	-.00020	.00230	261.00000
3.983	4.320	-.00050	-.00010	.00220	261.00000
3.982	6.510	-.00050	-.00010	.00210	261.00000
3.980	8.640	-.00110	.00000	.00190	261.00000
3.977	10.840	-.00020	.00020	.00190	261.00000
3.980	12.980	.00120	-.00010	.00240	261.00000
3.983	14.960	.00040	.00000	.00360	262.00000
3.979	17.030	-.00080	.00040	.00560	262.00000
3.974	19.070	-.00140	.00000	.01000	262.00000
3.976	21.010	-.00120	.00030	.01320	262.00000
3.970	23.050	.00040	-.00050	.01470	261.00000
3.970	25.150	.00100	-.00070	.01680	261.00000

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L665 TABULATED SOURCE DATA

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WING 11 35-80-WEDGE (RNC040) (16 JUL 75)

AMES 12-086 (L665)

REFERENCE DATA

SREF = .7786 SO.FT. XMRP = 12.4506 IN. XB
 LREF = 12.6556 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 120/ 0 RN/L = 3.94

PARAMETRIC DATA

T/C = .000 LESWP = 35.000
 FILSMP = 80.000 TESWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.969	-2.020	.00000	-.07040	.01000	-.07000	.01252	-5.59150	.01670	.00000	.00000	.00020
3.963	-.990	.00000	-.04020	.01050	-.04000	.01116	-3.58820	.01010	.00000	.00000	.00030
3.965	.080	.00000	-.01100	.01050	-.01100	.01044	-1.05140	.00350	.00000	.00030	.00030
3.964	1.130	.00000	.01360	.01030	.01340	.01059	1.26240	-.00070	.00000	.00020	.00040
3.962	2.190	.00000	.04590	.00990	.04550	.01162	3.91060	-.00810	.00030	.00030	.00030
3.957	3.250	.00000	.08220	.00910	.08160	.01374	5.93560	-.01720	.00030	.00030	.00020
3.954	4.350	.00000	.12350	.00750	.12260	.01685	7.27770	-.02710	.00030	.00040	-.00010
3.947	6.560	.00000	.20010	.00430	.19830	.02711	7.31540	-.04270	.00040	.00050	-.00010
3.943	8.700	.00000	.28270	.00080	.27930	.04353	6.41790	-.05910	-.00050	.00050	-.00040
3.942	10.930	.00000	.38070	-.00140	.37400	.07084	5.27960	-.08080	.00030	.00030	-.00030
3.938	13.100	.00000	.47840	-.00230	.46650	.10620	4.39300	-.10360	.00050	.00040	-.00090
3.937	15.370	.00000	.58420	-.00300	.56410	.15192	3.71340	-.12750	-.00060	.00020	-.00130
3.928	17.550	.00000	.69710	-.00530	.66620	.20524	3.24600	-.15440	.00080	-.00030	-.00150
3.922	19.800	.01000	.81730	-.00950	.77220	.26789	2.88250	-.18170	.00130	-.00110	-.00230
3.911	22.050	.01000	.94810	-.01470	.89420	.34242	2.58230	-.21230	.00080	-.00140	-.00480
3.923	24.310	.02000	1.07140	-.01930	.96460	.42289	2.32820	-.23930	.00130	-.00180	-.00650
3.923	26.600	.03000	1.19780	-.02510	1.08220	.51391	2.10590	-.26750	.00130	-.00070	-.01150

ORIGINAL PAGE IS OF POOR QUALITY

WING 11 35-80-WEDGE (ANC040) (16 JUL 75)

AMES 12-086 (LA65)

REFERENCE DATA

SREF = .7786 SQ.FT. XMRP = 12.4506 IN. XB
 LREF = 12.6556 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 120/ 0 RN/L = 3.94

PARAMETRIC DATA

T/C = .000 LESWP = 35.000
 FILSWP = 80.000 TCSWP = 20.000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.969	-2.020	.00000	.00000	.00040	257.00000
3.968	-.990	.00000	.00000	.00040	257.00000
3.966	.080	.00000	.00030	.00050	257.00000
3.964	1.130	.00000	.00020	.00050	257.00000
3.962	2.190	.00010	.00030	.00050	257.00000
3.957	3.250	.00020	.00030	.00050	257.00000
3.957	4.350	.00020	.00050	.00050	257.00000
3.954	6.560	.00030	.00050	.00060	257.00000
3.947	8.700	.00040	.00060	.00070	256.00000
3.943	10.930	.00090	.0010	.00100	256.00000
3.942	13.100	.00040	.00050	.00120	256.00000
3.938	15.370	.00060	.00040	.00100	256.00000
3.937	17.560	.00060	.00050	.00100	256.00000
3.928	19.800	.00080	.00150	.00110	255.00000
3.922	22.060	.00020	.00150	.00110	255.00000
3.911	24.310	.00040	.00220	.00090	254.00000
3.923	26.600	.00090	.00120	.00080	256.00000

DATE 20 FEB 76 LA65 TABULATED SOURCE DATA AMES 12-086 (LA65) (RNC041) (16 JUL 75)

WING V 60-60-WEDGE

PARAMETRIC DATA

SREF = 5272 SQ.FT. XMRP = 5.7335 IN. XB
 LREF = 7.6461 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000
 T/C = .000 LESMP = 60.000
 FILSMP = 60.000 TESMP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 121/0 RN/L = 4.00

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
4.016	-2.020	.00000	-.09630	.01000	-.09590	.01339	-7.15930	.01030	-.00010	.00050	.00040
4.015	-1.000	.00000	-.05740	.01100	-.05720	.01202	-4.75850	.00550	-.00020	.00050	.00090
4.008	.050	.00000	-.01810	.01110	-.01810	.01106	-1.63630	.00070	-.00030	.00050	.00070
4.009	1.090	.00000	.01800	.01060	.01780	.01096	1.62030	-.00360	-.00030	.00060	.00080
4.011	2.150	.00000	.06230	.00970	.06190	.01206	5.13300	-.00890	-.00020	.00060	.00070
4.003	3.190	.00000	.10190	.00770	.10140	.01336	7.58580	-.01290	-.00020	.00060	.00080
4.004	4.250	.00000	.15030	.00580	.14940	.01697	8.80360	-.01840	-.00030	.00050	.00120
4.001	6.420	.00000	.24870	.00050	.24710	.02826	8.74410	-.03030	-.00030	.00060	.00080
4.003	8.470	.00000	.34620	-.00400	.34300	.04696	7.30390	-.04180	-.00050	.00060	.00040
3.935	10.590	.00000	.45720	-.01030	.45130	.07391	6.10630	-.05520	-.00100	.00030	.00300
4.000	12.710	.00000	.57040	-.01810	.56040	.10787	5.19530	-.06610	-.00080	.00040	.00260
3.930	14.770	.00000	.60690	-.01740	.59120	.13795	4.28600	-.05130	-.00000	.00030	.00290
3.984	16.880	.00000	.70280	-.02250	.67900	.18253	3.72030	-.05950	-.00060	.00040	.00390
3.987	18.980	.00000	.79540	-.02720	.76100	.23294	3.26710	-.06700	-.00160	.00010	.00420
3.984	21.100	.00000	.88000	-.03120	.83220	.28758	2.89390	-.07330	-.00120	.00010	.00420
3.984	23.220	-.01000	.96190	-.03390	.89740	.34806	2.57820	-.08160	-.00220	.00000	.00570
4.013	25.300	-.01000	1.03560	-.03490	.95200	.41150	2.31360	-.09200	-.00170	.00010	.00490

WING V 60-60-WEDGE (ANCO41) (16 JUL 75)

AMES 12-086 (LA65)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 5.7336 IN. XB
 LREF = 7.6461 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 121/0 RN/L = 4.00

XMRP = YMRP = ZMRP = SCALE =	T/C = FILSMP = BETA = GRITNO =	LESMP = TESMP = MACH =	60.000 60.000 .000 120.000
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RN/FT 4.016 4.015 4.008 4.009 4.011 4.003 4.004 4.001 4.003 3.995 4.000 3.990 3.984 3.987 3.984 4.013	ALPHA -2.020 -1.000 .050 1.090 2.150 3.190 4.250 6.420 8.470 10.590 12.710 14.770 16.880 18.980 21.100 23.220 25.310	CSL -.0002C -.0002C -.0003C -.00030 -.00020 -.00020 -.00020 -.00030 -.00040 -.00090 -.00070 -.00000 -.00050 -.00150 -.00110 -.00230 -.00150	CLN .00050 .00050 .00060 .00060 .00060 .00060 .00060 .00060 .00070 .00050 .00060 .00030 .00060 .00070 .00050 .00030 .00090	CPCAV .00210 .00220 .00220 .00210 .00210 .00220 .00200 .00220 .00200 .00220 .00230 .00320 .00390 .00420 .00310 .00600 .00760	Q(PSF) 265.00000 265.00000 264.00000 265.00000 265.00000 264.00000 265.00000 264.00000 265.00000 264.00000 265.00000 265.00000 264.00000 263.00000 264.00000 264.00000 268.00000
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REFERENCE DATA
 SREF = .7265 SQ.FT. XMRP = 12.4027 IN. XB
 LREF = 12.9283 IN. YMRP = .0000 IN. YB
 BREF = 13.1135 IN. ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .000 LESWP = 60.000
 FILSWP = 80.000 TESWP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

RUN NO. 122/ 0 RN/L = 3.96

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.978	-2.030	.0000	-0.7650	.00980	-0.07610	.01246	-6.11020	.02290	-0.0030	.00000	-0.0090
3.981	-1.040	.0000	-0.4740	.01020	-0.4720	.01107	-4.26170	.01460	-0.0030	.00000	-0.0040
3.974	.030	.0000	-0.0180	.01080	-0.0180	.01082	-1.67330	.00580	-0.0030	.00020	-0.0020
3.975	1.030	.0000	.00950	.01020	.00930	.01039	.89590	-0.0240	-0.0030	.00010	-0.0010
3.967	2.150	.0000	0.4310	.00940	0.4270	.01039	3.88470	-0.0220	-0.0030	.00020	-0.0020
3.955	3.150	.0000	0.7600	.00860	.07540	.01278	5.39970	-0.0230	-0.0030	.00030	-0.0110
3.961	4.290	.0000	1.1550	.00990	.11470	.01958	7.36310	-0.0330	-0.0040	.00020	.00030
3.958	6.500	.0000	1.8240	.00450	.1870	.02998	7.22420	-0.0520	-0.0040	.00000	.00070
3.959	8.590	.0000	2.7050	.00190	.25720	.04233	6.31250	-0.07300	-0.0070	.00000	.00040
3.953	10.760	.0000	3.6180	.00040	.35950	.06718	5.29100	-0.09540	-0.0050	.00010	.00020
3.961	14.960	.0000	4.5430	.00190	.44320	.10005	4.42900	-0.11560	-0.0020	.00050	-0.0020
3.957	15.130	.0000	5.4960	.00150	.53090	.14155	3.74000	-0.13700	.0000	.00030	.00050
3.952	17.320	.0000	6.6520	.00250	.63580	.19069	3.24890	-0.16820	.0000	.00010	-0.0050
3.948	19.560	.0000	7.7550	.00440	.75250	.25454	2.87790	-0.19580	.0000	.00000	-0.0090
3.939	21.760	.0000	8.8550	.00920	.8780	.31975	2.58260	-0.22030	.0000	.00070	-0.0120
3.933	24.600	.0100	9.9310	.01320	.91720	.38304	2.32880	-0.24550	.0000	.00070	-0.0080
3.929	26.170	.02000	1.10230	.01690	.99670	.47032	2.11650	-0.26580	.00340	.00050	-0.0090

DATE 20 FEB 75

LAGE TABULATED SOURCE DATA

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WING V 60-60-WEDGE

AMES 12-086 (L355)

(ANCON42) (16 JUL 75)

REFERENCE DATA

SREF = .7265 SQ.FT. XMRP = 12.4023 IN. XB
 LREF = 12.9283 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 122 / 0 RN/L = 3.96

PARAMETRIC DATA

T/C = .000 LESWP = 60.000
 FILSWP = 80.000 TESWP = .000
 BETA = .000 MACH = .300
 GRITNO = 120.000

GN/FT	ALPHA	CSL	CLN	GPCAV	Q(PSP)
3.978	-2.070	-00030	.00000	.00090	259.00000
3.981	-1.046	-00030	.00000	.00100	259.00000
3.974	.030	-00030	.00020	.00100	259.00000
3.975	1.090	-00030	.00010	.00100	260.00000
3.967	2.150	-00030	.00020	.00110	259.00000
3.955	3.150	-00040	-00030	.00110	259.00000
3.961	4.290	-00040	-00010	.00110	259.00000
3.958	5.500	-00040	.00000	.00120	259.00000
3.959	6.500	-00070	.00010	.00140	259.00000
3.953	10.760	-00050	.00000	.00160	260.00000
3.951	12.250	-00030	.00040	.00140	250.00000
3.957	15.130	.00010	.00030	.00110	260.00000
3.952	17.320	.00060	-00010	.00160	259.00000
3.948	19.560	.00080	-00030	.00210	259.00000
3.938	21.760	.00140	-00130	.00220	259.00000
3.933	24.000	.00220	-00180	.00260	259.00000
3.929	26.170	.00280	-00190	.00280	257.00000

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESMP = 25.000
 FILSMP = .0000 TESMP = 25.000
 BETA = .0000 MACH = .300
 GRITNO = .0000

RUN NO. 144/ 0 RN/L = 1.87

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.888	-2.010	.00000	-1.1684	.00735	-1.1661	.01144	-10.14000	-.00741	-.00015	-.00004	.00285
1.893	-1.020	.00000	-.07616	.00825	-.07600	.00960	-7.88030	-.00561	-.00015	-.00041	.00285
1.878	.080	.00000	-.02999	.00810	-.03000	.00805	-3.74120	-.00336	-.00030	-.00013	.00345
1.877	1.090	.00000	.00750	.00750	.00735	.00764	.95610	.00175	-.00030	-.00038	.00405
1.874	2.090	.00000	.04843	.00600	.04817	.00776	6.18050	.00328	-.00030	-.00030	.00330
1.874	3.140	.00000	.09550	.00360	.09516	.00882	10.70800	.00479	-.00030	-.00016	.00315
1.874	4.150	.00000	.14438	.00090	.14438	.01138	12.73600	.00491	-.00030	-.00016	.00315
1.876	6.310	.00000	.24048	-.00900	.24001	.01749	13.72700	.01185	-.00017	-.00017	.00300
1.874	8.380	.00000	.34843	-.02254	.34801	.02838	12.28300	.01268	-.00030	-.00034	.00285
1.874	10.490	.00000	.45352	-.04108	.45342	.04210	10.73300	.01720	-.00030	-.00035	.00270
1.872	12.560	.00000	.54603	-.06267	.54659	.05757	9.149390	.02717	-.00030	-.00050	.00270
1.873	14.630	.00000	.63463	-.08771	.63621	.07543	8.42650	.03852	-.00030	-.00036	.00255
1.869	16.680	.00000	.70255	-.05907	.68034	.14506	4.75910	.05502	-.00870	-.00421	.01124
1.869	18.670	.00000	.65342	-.00765	.62385	.20273	3.07780	.05657	-.00105	-.00056	.00585
1.865	20.630	.00000	.67226	.00090	.62947	.23602	2.66670	-.06615	-.00120	-.00056	.00510
1.867	22.680	.00000	.62471	.00315	.63055	.26692	2.36130	-.07316	.00255	-.00099	.00060
1.863	24.650	.00000	.65992	.00885	.59600	.28323	2.10470	-.07584	.00225	-.00022	-.00075

RUN NO. 143/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.981	-2.130	.00000	-1.12159	.00585	-1.12129	.01036	-11.66100	-.00922	-.00015	-.00013	.00180
3.992	-1.080	.00000	-.07916	.00720	-.07901	.00859	-9.16720	-.00740	-.00015	-.00027	.00195
3.993	.010	.00000	-.03193	.00780	-.03194	.00779	-4.13050	-.00617	-.00015	-.00024	.00225
3.976	1.120	.00000	.01484	.00675	.01471	.00704	2.09540	-.00441	-.00015	-.00016	.00150
3.978	2.170	.00000	.05937	.00570	.05811	.00794	7.44200	-.00310	-.00015	-.00028	.00180
3.989	3.270	.00000	.10945	.00300	.10910	.00924	11.77000	-.00110	-.00015	-.00003	.00135
3.979	4.350	.00000	.15832	-.00045	.15750	.01156	13.63000	.00260	-.00015	-.00003	.00135
3.980	6.540	.00000	.25187	-.01054	.25145	.01811	13.85000	.01072	-.00030	-.00019	.00120
3.973	8.680	.00000	.35242	-.02579	.35277	.02777	12.66400	.01640	-.00030	-.00020	.00105
3.975	10.930	.00000	.46267	-.04618	.46303	.04239	10.90200	.02533	-.00030	-.00020	.00105
3.985	13.100	.00000	.57556	-.07091	.57666	.06138	9.40030	.03166	-.00015	-.00022	.00090
3.979	15.310	.00000	.68171	-.10060	.68408	.08297	8.24370	.04154	-.00015	-.00022	.00090
3.972	17.490	.00000	.77601	-.11664	.77519	.12197	6.35910	.04276	-.00330	-.00623	.01214
3.975	19.600	.00000	.86312	-.12684	.85565	.17005	5.03360	.03016	-.01169	-.00967	.02169
3.973	21.380	.00000	.76867	-.03343	.72740	.24887	2.92180	-.05797	.01274	-.00178	-.00300
3.970	23.280	.00000	.73558	-.01019	.67982	.28140	2.41520	-.06434	.00195	-.00031	-.00015
3.948	25.320	.00000	.74553	-.00315	.64622	.31172	2.13600	-.08185	-.00060	-.00032	-.00180

ORIGINAL PAGE IS OF POOR QUALITY

WING I 25-25-0012 AMES 12-086 (L655)

(RNC043) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SO.FT. XMRP = 2.8417 IN. XB
 IREF = 6.2346 INCHES YMRP = .0000 IN. Y9
 BREF = 13.135 INCHES ZMRP = .0000 IN. Z8
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESMP = 25.000
 FILSMP = 25.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 142/ 0 RN/L = 5.96

RV/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.973	-2.250	.03000	-.12664	.00555	-.12832	.01059	-12.09000	-.01028	.00000	-.00019	.00120
5.992	-1.140	.00000	-.08006	.00720	-.07990	.00879	-9.06740	-.00909	.00000	-.00007	.00090
5.976	-.020	.00000	-.03223	.00735	-.03223	.00735	-4.34610	-.00744	.00000	.00008	.00090
5.959	1.140	.00000	.01484	.00705	.01470	.00734	2.01690	-.00441	.00000	-.00005	.00105
5.966	2.310	.00000	.06747	.00570	.06718	.00841	8.02250	-.00244	.00000	-.00007	.00090
5.950	3.380	.00000	.11439	.00270	.11403	.00944	12.16800	.00025	.00000	-.00007	.00090
5.950	4.500	.00000	.16432	-.00105	.16389	.01185	13.87800	.00321	.00000	-.00008	.00075
5.949	6.870	.00000	.26672	-.01274	.26635	.01893	14.12200	.01176	-.00015	-.00009	.00060
5.974	9.070	.00000	.37286	-.02959	.37288	.02946	12.65100	.02103	-.00045	-.00009	.00060
5.970	11.370	.00000	.48576	-.05142	.48635	.04535	10.70800	.02736	-.00045	-.00011	.00045
5.954	13.670	.00000	.59595	-.07751	.59539	.06553	9.12380	.03620	-.00045	-.00012	.00030
5.973	15.960	.00000	.70315	-.10913	.70606	.08840	7.98320	.04629	-.00075	-.00015	.00000
5.958	18.240	.00000	.80870	-.14453	.81330	.11585	7.01560	.05696	-.00075	-.00029	.00015
5.960	20.510	.00000	.90870	-.18096	.91450	.14889	6.14580	.06535	-.00090	-.00076	.00015
5.948	22.840	.00000	.93073	-.10585	.90057	.25776	3.49410	-.01533	-.00285	-.00086	.00210
5.947	24.240	.01000	.86357	-.05717	.81501	.29330	2.77620	-.05621	-.00510	-.00110	-.00060

RUN NO. 141/ 0 RN/L = 7.94

RV/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.975	-2.440	.00000	-.13388	.00555	-.13353	.01124	-11.81800	-.01250	.00015	-.00007	.00090
7.971	-1.230	.00000	-.08321	.00735	-.08303	.00913	-9.05880	-.01091	.00000	-.00007	.00090
7.950	-.020	.00000	-.03179	.00810	-.03178	.00811	-3.89550	-.00826	.00015	.00029	.00015
7.955	1.150	.00000	.01844	.00555	.01828	.00801	2.29640	-.00584	.00015	.00029	.00015
7.932	2.350	.00000	.07136	.00600	.07106	.00892	7.99190	-.00412	.00000	.00014	.00015
7.956	3.550	.00000	.12234	.00300	.12252	.01061	11.59400	-.00083	.00000	.00014	.00015
7.950	4.690	.00000	.17426	-.00150	.17420	.01279	13.56000	.00248	.00000	.00026	.00045
7.934	7.140	.00000	.26816	-.01439	.26771	.02153	13.31800	.01075	.00015	.00024	.00060
7.945	9.440	.00000	.39565	-.03178	.39551	.03354	11.81100	.01906	.00000	.00023	.00075
7.954	11.650	.00000	.50840	-.05497	.50803	.05070	10.03100	.02718	-.00015	.00000	.00000
7.947	14.220	.00000	.61979	-.08435	.62129	.07144	8.69850	.03626	-.00010	-.00001	.00015
7.946	15.430	.00000	.67661	-.09295	.67479	.08377	8.10160	.04177	-.00045	-.00015	.00000
7.931	16.650	.00000	.73403	-.11814	.73711	.09713	7.58630	.04831	-.00060	-.00016	.00015
7.935	19.050	.00000	.84648	-.15697	.85135	.12791	6.65020	.05879	-.00045	-.00018	.00030
7.909	21.410	.00000	.91948	-.19760	.95009	.16263	5.87850	.06989	.00000	-.00012	.00135
7.904	23.210	-.01000	.94468	-.11639	.91413	.26524	3.44760	-.02053	-.00495	.00365	.00420
7.913	25.000	-.02000	.89000	-.09535	.85997	.29304	2.91250	-.04432	-.00825	.00369	.00060
7.913	25.840	.01000	.84538	-.06802	.78555	.32038	2.45220	-.06333	.00945	.00311	-.00855

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

PAGE 143

WING 1 25-25-0012

AMES 12-086 (LA65)

(ANCO43) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 144/ 0 RN/L = 1.87

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
1.880	-2.010	-.00015	-.00004	.00280	125.00000
1.883	-1.020	-.00016	-.00041	.00280	125.00000
1.878	.080	-.00030	-.00013	.00260	125.00000
1.877	1.090	-.00031	-.00037	.00260	125.00000
1.877	2.090	-.00031	-.00028	.00270	125.00000
1.874	3.140	-.00031	-.00014	.00270	125.00000
1.874	4.150	-.00031	-.00014	.00270	125.00000
1.876	6.310	-.00017	-.00016	.00270	125.00000
1.874	8.380	-.00035	-.00029	.00260	125.00000
1.874	10.490	-.00006	-.00029	.00260	125.00000
1.872	12.560	-.00040	-.00042	.00260	125.00000
1.873	14.630	-.00038	-.00028	.00250	125.00000
1.869	16.680	-.00054	-.00154	.00310	124.00000
1.863	18.670	-.00130	-.00057	.00450	124.00000
1.855	20.630	-.00133	-.00012	.00570	124.00000
1.857	22.590	-.00197	-.00190	.00700	124.00000
1.853	24.650	.00195	-.00114	.01020	124.00000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 143/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
3.931	-2.130	-.00014	-.00014	.00230	260.00000
3.932	-1.080	-.00014	-.00027	.00260	263.00000
3.933	.010	-.00015	-.00024	.00250	264.00000
3.975	1.120	-.00015	-.00016	.00270	264.00000
3.978	2.170	-.00016	-.00028	.00270	264.00000
3.939	3.270	-.00015	-.00002	.00260	266.00000
3.979	4.360	-.00015	-.00001	.00250	265.00000
3.980	5.540	-.00032	-.00015	.00250	265.00000
3.973	6.690	-.00033	-.00016	.00240	264.00000
3.976	10.930	-.00033	-.00014	.00230	265.00000
3.983	13.100	-.00020	-.00018	.00230	266.00000
3.979	15.310	.00009	-.00025	.00230	266.00000
3.972	17.490	-.00502	-.00495	.00250	265.00000
3.975	19.600	-.01426	-.00519	.00280	265.00000
3.975	21.390	.01122	-.00530	.00530	265.00000
3.970	23.280	.00167	-.00106	.00670	265.00000
3.958	25.320	-.00041	-.00054	.00900	265.00000

WING I 25-25-0012

AMES 12-086 (LA65)

(ANC043) (21 JAN 76)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 142/ 0 RN/L = 5.96

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
5.973	-2.250	.00001	-.00019	.00250	396.00000
5.992	-1.140	.00000	-.00007	.00260	399.00000
5.976	-.020	.00000	.00008	.00270	398.00000
5.909	1.140	-.00009	-.00005	.00280	398.00000
5.966	2.310	-.00000	-.00007	.00260	398.00000
5.950	3.380	-.00000	-.00007	.00270	397.00000
5.960	4.500	-.00001	-.00008	.00250	398.00000
5.949	6.800	-.00016	-.00008	.00260	397.00000
5.974	9.070	-.00046	-.00002	.00250	401.00000
5.970	11.370	-.00046	-.00002	.00240	403.00000
5.964	13.670	-.00047	-.00001	.00240	400.00000
5.973	15.960	-.00076	.00006	.00230	402.00000
5.959	18.240	-.00080	-.00004	.00240	400.00000
5.960	20.510	-.00111	-.00040	.00270	401.00000
5.948	22.460	-.00296	-.00030	.00380	400.00000
5.917	24.240	-.00419	-.00310	.00590	400.00000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSAP = 25.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 141/ 0 RN/L = 7.94

RN/FT	ALPHA	CSL	CLN	CPCAV	O (PSF)
7.975	-2.440	.00015	-.00006	.00250	522.00000
7.971	-1.230	.00009	-.00007	.00260	522.00000
7.950	-.020	.00015	-.00029	.00260	521.00000
7.966	1.150	.00016	.00028	.00270	523.00000
7.952	2.350	.00001	.00014	.00260	523.00000
7.956	3.550	.00001	-.00014	.00260	523.00000
7.950	4.690	.00002	.00026	.00250	522.00000
7.954	7.140	.00018	.00022	.00250	524.00000
7.945	9.440	.00004	-.00023	.00240	523.00000
7.954	11.850	-.00015	.00003	.00240	525.00000
7.947	14.220	-.00029	.00006	.00240	525.00000
7.946	15.430	-.00047	-.00002	.00240	525.00000
7.931	16.650	-.00062	.00001	.00230	523.00000
7.935	19.050	-.00048	-.00002	.00250	525.00000
7.909	21.410	-.00005	-.00012	.00270	522.00000
7.904	23.210	-.00310	.00531	.00380	522.00000
7.913	25.000	-.00591	.00683	.00520	525.00000
7.913	26.840	-.00983	-.00149	.00780	525.00000

REFERENCE DATA
 SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA
 T/C = .120 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RN/FT	ALPHA	BETA	CN	CA	CL	CC	L/D	CLM	CBL	CYN	CY
1.911	-1.990	.0000	-.06643	.00767	-.06613	.00997	-6.64520	.01353	.00013	.00089	-.00247
1.904	-.970	.0000	-.03615	.00954	-.03598	.01015	-3.54690	.00622	.00013	.00093	-.00213
1.905	.030	.0000	-.01047	.00900	-.01048	.00900	-1.16270	.00120	.00007	.00066	-.00133
1.905	1.080	.0000	.01901	.00900	.00936	.00936	2.01150	-.00389	.00013	.00097	-.00180
1.905	2.150	.0000	.05229	.00934	.05194	.01029	5.06350	-.01125	.00007	.00105	-.00193
1.903	3.150	.0000	.08197	.00627	.08151	.01076	7.57600	-.01784	.00007	.00098	-.00200
1.905	4.170	.0000	.11713	.00454	.11649	.01304	8.91840	-.02624	.00007	.00113	-.00213
1.905	6.310	.0000	.18329	.00127	.18232	.01889	9.65730	-.04133	.00020	.00128	-.00227
1.905	8.350	.0000	.26213	-.00780	.26049	.03035	8.58540	-.06151	.00013	.00119	-.00207
1.905	10.510	.0000	.34957	-.01621	.33781	.04619	7.31500	-.07694	.00013	.00108	-.00227
1.905	12.570	.0000	.41981	-.01848	.41279	.07311	5.64670	-.09571	.00067	.00430	-.00540
1.905	14.640	.01000	.50372	-.00903	.48964	.11860	4.12830	-.12247	.00200	.00129	-.00674
1.905	16.770	.01000	.58769	-.00360	.56518	.16133	3.50290	-.14539	.00287	.00027	-.00654
1.908	18.820	.01000	.67367	-.01067	.64110	.20722	3.03370	-.16721	.00247	-.00072	-.00740
1.905	20.950	.01000	.75318	-.01647	.71488	.25606	2.79240	-.18609	.00487	-.00136	-.01061
1.906	23.000	.02000	.82021	-.01868	.76783	.30564	2.51240	-.19953	.00387	-.00023	-.01487
1.903	25.070	.04000	.89670	-.02508	.82292	.35727	2.30300	-.21088	.00247	.00082	-.01614

RN/FT	ALPHA	BETA	CN	CA	CL	CC	L/D	CLM	CBL	CYN	CY
3.965	-2.370	.0000	-.06910	.00800	-.06877	.01049	-6.53250	.01424	.00007	-.00033	.00213
3.951	-.950	.01000	-.03568	.00900	-.03552	.00959	-3.70030	.00703	.00000	-.00062	.00307
3.951	.090	.01000	-.00587	.00920	-.00596	.00919	-1.74960	.00108	.00000	-.00041	.00300
3.959	1.120	.01000	.02328	.00894	.02310	.00939	2.45920	-.00555	-.00007	-.00046	.00287
3.952	2.190	.01000	.05443	.00774	.05409	.00981	5.50630	-.01245	-.00007	-.00033	.00280
3.954	3.270	.00000	.08598	.00614	.08549	.01103	7.75950	-.01912	-.00007	-.00043	.00247
3.952	4.370	.00000	.11866	.00374	.11803	.01277	9.25300	-.02606	-.00007	-.00035	.00240
3.953	6.500	.00000	.18315	-.00220	.18422	.01877	9.82110	-.04065	-.00007	-.00028	.00220
3.953	8.670	.00000	.26313	-.01101	.26178	.02879	9.09990	-.05923	-.00027	-.00020	.00220
3.951	10.840	.00000	.34964	-.02061	.34728	.04551	7.63030	-.07909	-.00000	-.00004	.00113
3.954	13.050	.01000	.43462	-.02495	.42403	.07384	5.81190	-.09963	.00120	.00472	-.00487
3.955	15.220	.00000	.52379	-.01447	.50922	.12354	4.12220	-.12769	.00193	.00064	-.00260
3.956	17.410	.01000	.60554	-.01507	.59240	.16683	3.49100	-.15010	.00133	-.00075	-.00414
3.958	19.570	.02000	.69101	-.01988	.65775	.21273	3.09300	-.17068	-.00247	-.00105	-.00674
3.957	21.730	.03000	.75991	-.02221	.71414	.26071	2.73940	-.18810	.00207	-.00037	-.01201
3.954	23.920	.03000	.81902	-.02535	.75941	.30802	2.46540	-.20053	.00500	-.00107	-.01227
3.950	26.010	.04000	.87437	-.03275	.80071	.35947	2.26010	-.20966	.00727	-.00210	-.01334

ORIGINAL PAGE IS
 OF POOR QUALITY

WING 1 25-80-0012 AMES :2-086 (LA65)

(RNCO44) (21 JAN 76)

REFERENCE DATA

SREF = 7905 50. FT. XMRP = 12.4090 IN. XB
 LREF = 12.5755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .120 LESMP = 25.000
 FILSMP = 80.000 TESMP = 25.000
 BETA = .000 MACH = .500
 GRITNO = .000

RUN NO. 127/ 0 RN/L = 5.94

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.934	-2.270	.00000	-.07764	.00674	-.07731	.00981	-7.88890	.01595	.00013	.00010	.00033
5.938	-1.130	.00000	-.04582	.00780	-.04566	.00871	-5.22600	.00922	.00013	.00024	.00027
5.934	.000	.00000	-.01274	.00827	-.01274	.00827	-1.53510	.00197	.00007	.00010	.00033
5.932	1.160	.00000	.02114	.00794	.02098	.00836	2.51770	-.00525	.00007	.00018	.00020
5.936	2.260	.00000	.05516	.00700	.05484	.00917	5.98280	-.01265	.00007	.00025	.00013
5.952	3.380	.00000	.08718	.00507	.08673	.01020	8.51650	-.01930	.00007	.00025	.00020
5.942	4.530	.00000	.12259	.00260	.12201	.01228	9.93390	-.02693	.00013	.00032	.00013
5.945	6.750	.00000	.19363	-.00414	.19277	.01865	10.32900	-.04258	.00007	.00034	.00007
5.944	8.960	.00000	.27467	-.01354	.27343	.02940	9.30020	-.06155	.00007	.00047	.00000
5.945	11.270	.00000	.36485	-.02401	.36251	.04775	7.58220	-.08166	.00000	.00041	.00013
5.952	13.540	.00000	.44735	-.03508	.44314	.07063	6.27390	-.09916	.00093	.00096	.00173
5.949	15.910	.00000	.54521	-.04302	.53365	.11674	4.57260	-.12643	.00474	.00705	.01207
5.938	18.110	.00000	.63051	-.02421	.60691	.17298	3.50760	-.15317	.00067	-.00315	.00273
5.949	20.380	.00000	.71275	-.04575	.67711	.22408	3.02160	-.17526	.00180	-.00051	-.01041
5.931	22.650	.00000	.79333	-.02935	.74252	.27804	2.67060	-.19370	.00300	-.00056	-.01414
5.933	24.850	.00000	.86596	-.02602	.78562	.32956	2.39150	-.20635	.00680	-.00130	-.01774
5.917	27.090	.00000	.91259	-.04062	.83097	.37942	2.19010	-.21559	.00560	-.00161	-.01948

RUN NO. 126/ 0 RN/L = 7.91

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.947	-2.220	.00000	-.07737	.00640	-.07707	.00940	-8.19150	.01579	.00007	.00016	.00033
7.945	-1.070	.00000	-.04442	.00754	-.04427	.00837	-5.31180	.00852	.00007	.00024	.00040
7.941	.000	.00000	-.01447	.00787	-.01447	.00787	-1.83430	.00211	.00000	.00030	.00040
7.929	1.180	.00000	.01924	.00760	.01918	.00800	2.40400	-.00498	.00007	.00031	.00047
7.923	2.340	.00000	.05476	.00647	.05445	.00870	6.23830	-.01294	.00007	.00032	.00060
7.952	3.500	.00000	.08931	.00460	.08787	.00998	8.79940	-.01983	.00013	.00038	.00053
7.953	4.630	.00000	.12406	.00213	.12348	.01214	10.20300	-.02733	.00007	.00040	.00067
7.928	6.950	.00000	.20223	-.00560	.19944	.01867	10.58000	-.04436	.00007	.00048	.00087
7.956	9.290	.00000	.28518	-.01494	.28414	.03134	9.05980	-.06403	-.00020	.00064	.00120
7.923	11.640	.00000	.37232	-.02521	.36995	.04945	7.47780	-.08247	.00013	.00090	.00220
7.928	14.050	.00000	.46143	-.03915	.45713	.07404	6.17340	-.10172	.00087	.00125	.00420
7.921	16.490	.00000	.55461	-.04569	.54477	.11361	4.79540	-.12407	.00340	.00636	.01394
7.937	18.860	.00000	.63346	-.03361	.63045	.17589	3.58380	-.15555	.00327	.00170	.01341
7.837	21.170	.00000	.73817	-.03482	.70093	.23411	2.99420	-.17854	.00347	.00059	.01507
7.870	23.560	.00000	.81348	-.03775	.76526	.29295	2.61570	-.19721	.00574	.00003	.01841
7.879	25.910	.00000	.89465	-.04209	.82311	.35307	2.33150	-.21315	.00754	-.00071	.02128
7.872	28.180	.00000	.95001	-.04822	.86018	.40613	2.11820	-.22111	.00720	-.00220	.02028

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING 1 25-80-0012

AMES 12-086 (LA65)

(FNC044) (21 JAN 76)

REFERENCE DATA

SREF = .7905 SO.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 129/ 0 RN/L = 1.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(P/SF)
1.911	-1.990	.00010	.00090	.00230	125.00000
1.904	-.970	.00012	.00093	.00220	125.00000
1.905	.030	.00007	.00066	.00240	125.00000
1.906	1.080	.00015	.00096	.00240	126.00000
1.905	2.150	.00011	.00104	.00250	126.00000
1.909	3.150	.00012	.00099	.00260	126.00000
1.905	4.170	.00015	.00112	.00260	126.00000
1.906	6.310	.00034	.00125	.00270	126.00000
1.905	8.350	.00030	.00116	.00280	126.00000
1.906	10.510	.00033	.00103	.00290	126.00000
1.906	12.570	.00159	.00405	.00310	126.00000
1.906	14.640	.00226	.00074	.00340	126.00000
1.905	16.770	.00282	-.00057	.00380	126.00000
1.908	18.820	.00210	-.00148	.00440	126.00000
1.90J	20.950	.00406	-.00301	.00500	126.00000
1.906	23.000	.00347	-.00172	.00580	126.00000
1.903	25.070	.00258	-.00030	.00710	126.00000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 129/ 0 RN/L = 3.96

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(P/SF)
3.955	-2.070	.00008	-.00033	.00260	264.00000
3.951	-.950	.00001	-.00062	.00270	264.00000
3.961	.090	-.00000	-.00041	.00260	264.00000
3.959	1.120	-.00008	-.00046	.00270	265.00000
3.962	2.190	-.00009	-.00032	.00290	265.00000
3.964	3.270	-.00009	-.00042	.00280	267.00000
3.962	4.370	-.00009	-.00035	.00270	266.00000
3.959	6.500	-.00010	-.00027	.00290	265.00000
3.959	8.670	-.00029	-.00016	.00300	265.00000
3.951	10.840	-.00001	-.00004	.00330	265.00000
3.954	13.050	.00223	.00433	.00330	265.00000
3.955	15.220	.01203	.00011	.00350	266.00000
3.955	17.410	.00105	-.00112	.00410	266.00000
3.948	19.570	.00197	-.00181	.00450	265.00000
3.947	21.730	.00206	-.00042	.00530	265.00000
3.944	23.920	.00114	-.00301	.00660	264.00000
3.940	26.010	.00561	-.00508	.00860	254.00000

WING I 25-80-0012

AMES 12-086 (LAB5)

(ANCO44) (21 JAN 76)

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 127/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.934	-2.270	.00013	.00011	.00290	397.00000
5.938	-1.130	.00013	.00024	.00290	398.00000
5.934	.000	.00007	.00010	.00290	398.00000
5.932	1.160	.00007	.00019	.00300	398.00000
5.936	2.260	.00008	.00025	.00280	399.00000
5.952	3.380	.00008	.00024	.00290	401.00000
5.942	4.530	.00016	.00031	.00310	400.00000
5.945	6.750	.00011	.00033	.00300	401.00000
5.944	8.960	.00001	.00047	.00340	401.00000
5.945	11.270	.00008	.00040	.00320	402.00000
5.952	13.540	.00113	.00072	.00340	403.00000
5.949	15.910	.00649	.00548	.00370	403.00000
5.979	18.110	-.00035	-.00320	.00430	402.00000
5.923	20.390	.00151	-.00110	.00470	400.00000
5.931	22.650	.00255	-.00168	.00560	401.00000
5.933	24.850	.00563	-.00404	.00590	401.00000
5.917	27.090	.00426	-.00398	.00800	400.00000

PARAMETRIC DATA

T/C = .120 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 126/ 0 RN/L = 7.91

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
7.947	-2.220	.00006	.00017	.00300	526.00000
7.945	-1.070	.00006	.00024	.00280	527.00000
7.941	-.010	-.00000	.00030	.00290	527.00000
7.929	1.180	.00007	.00031	.00280	526.00000
7.923	2.340	.00008	.00032	.00280	525.00000
7.952	3.500	.00016	.00037	.00280	530.00000
7.953	4.650	.00010	.00039	.00280	531.00000
7.928	6.950	-.00001	.00048	.00300	528.00000
7.956	9.290	-.00009	.00067	.00300	532.00000
7.923	11.640	.00029	.00076	.00330	529.00000
7.928	14.050	.00115	.00101	.00350	530.00000
7.921	16.490	.03507	.00513	.00370	530.00000
7.837	18.860	.06364	.00056	.00410	527.00000
7.837	21.170	.00345	-.00070	.00470	527.00000
7.870	23.560	.07627	-.00326	.00550	532.00000
7.879	25.910	.06647	-.00393	.00560	534.00000
7.872	28.180	.00531	-.00534	.00820	534.00000

DATE 20 FEB 76

L A65 TABULATED SOURCE DATA

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WING I 25-25-0006

AMES 12-086 (LA65)

(RNC045) (15 JUL 75)

REFERENCE DATA

SPEE = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LREF = 6.2646 INCHES YMRP = .0000 IN. YB
 BRFF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESHP = 25.000
 FILSHP = 25.000 TESHP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 148/ 0 RN/L = 1.90

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
1.914	-2.050	.00000	-.09830	.00580	-.09810	.00929	-10.55100	-.01790	.00000	.00070	-.00530
1.912	-1.010	.00000	-.05310	.00000	-.05300	.00693	-7.64650	-.01830	-.00010	.00080	-.00470
1.910	.030	.00000	-.00660	.00680	-.00660	.00680	-.97570	-.01810	-.00020	.00060	-.00350
1.904	1.110	.00000	.03520	.00500	.03510	.00565	6.20870	-.01250	-.00020	.00070	-.00350
1.904	2.150	.00000	.08990	.00610	.08970	.00947	9.46860	-.01650	-.00020	.00040	-.00160
1.903	3.220	.00000	.13880	.00310	.13840	.01089	12.71000	-.01150	-.00020	.00050	-.00170
1.901	4.190	.00000	.19230	.00110	.19180	.01510	12.69600	-.01490	-.00030	.00040	-.00180
1.899	6.330	.00000	.29730	-.00940	.29650	.02342	12.55800	-.01380	-.00030	.00030	-.00130
1.907	8.400	.00000	.39300	-.02180	.39190	.03576	10.96000	-.00920	-.00030	.00040	-.00210
1.897	10.500	.00000	.48920	-.03620	.48760	.05353	9.10820	-.00020	-.00030	.00030	-.00220
1.897	12.650	.00000	.59010	-.04150	.58480	.08883	6.58420	-.00020	-.00050	-.00090	-.00040
1.896	14.670	.00000	.69460	-.03730	.68140	.13990	4.87030	-.02120	-.00030	-.00020	-.00060
1.894	16.760	.00000	.73930	-.01990	.72400	.19382	3.67720	-.05890	-.00050	-.00010	-.00160
1.898	18.780	.00000	.76070	-.01180	.74000	.23366	3.09850	-.08050	-.00050	-.00010	-.00110
1.897	20.760	.00000	.78280	-.01510	.74650	.26588	2.79760	-.08210	-.00180	.00000	-.00290
1.892	22.740	.00000	.79090	-.01170	.73390	.29483	2.48240	-.09240	-.00670	-.00040	-.00450
1.888	24.740	.02000	.77980	-.00500	.71030	.32175	2.20760	-.10330	.02820	.00040	-.03190

RUN NO. 147/ 0 RN/L = 3.95

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
3.977	-2.100	.00000	-.10340	.00530	-.10310	.00910	-11.32900	-.01680	-.00020	.00000	.00010
3.972	-1.070	.00000	-.05740	.00660	-.05730	.00769	-7.44780	-.01580	-.00030	.00000	-.00040
3.968	.040	.00000	-.01010	.00670	-.01010	.00667	-1.51650	-.01510	-.00030	.00010	-.00040
3.957	1.110	.00000	.03510	.00650	.03490	.00715	4.88400	-.01300	-.00010	.00010	-.00050
3.956	2.230	.00000	.08470	.00470	.08450	.00795	10.62800	-.01080	-.00010	.00000	-.00020
3.960	3.300	.00000	.13160	.00180	.13130	.00936	14.03000	-.00880	-.00020	.00000	-.00030
3.967	4.430	.00000	.18730	-.00160	.18680	.01281	14.58500	-.00650	-.00010	-.00010	-.00040
3.960	6.650	.00000	.29230	-.01300	.29180	.02098	13.90900	-.00040	-.00010	.00000	-.00080
3.954	8.770	.00000	.39910	-.02800	.39870	.03318	12.01700	.00390	-.00020	.00000	-.00100
3.960	11.030	.00000	.50990	-.04490	.50910	.05342	9.52890	.01000	-.00040	-.00050	-.00080
3.958	13.210	.00000	.61600	-.05080	.61130	.09130	6.69510	.00770	-.00080	-.00120	-.00110
3.957	15.330	.00000	.71880	-.04450	.70500	.14707	4.79380	-.01290	-.00030	.00040	-.00310
3.955	17.340	.00000	.79550	-.02800	.78950	.19848	3.67560	-.05020	-.00690	-.00160	-.00060
3.969	19.430	.01000	.79520	-.02300	.75760	.24285	3.11960	-.06820	.00590	-.00150	-.00180
3.961	21.450	.01000	.82160	-.02460	.77370	.27750	2.78500	-.07200	.00510	-.00090	-.00050
3.954	23.430	.02000	.80070	-.01800	.74190	.30190	2.45730	-.08120	.00850	-.00040	-.01680
3.951	25.450	.05000	.79340	-.00900	.72030	.33277	2.16450	-.10010	.03190	.00100	-.03630

ORIGINAL PAGE IS OF POOR QUALITY

REFERENCE DATA

SREF = .5272 50.FT. X.RP = 2.8417 IN. XB
LREF = 6.2646 INCHES YMRP = 0.000 IN. YB
BREF = 13.1135 INCHES ZMRP = 0.000 IN. ZB
SCALE = .0000

RUN NO. 146/ 0 RN/L = 5.94

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
FILSWP = 25.000 TESWP = 25.000
BETA = .000 MACH = .300
GRITNO = .000

RN/FT	ALPHA	BETA	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.947	-2.190	.00000	.00480	-.10990	.00901	-12.20500	-.01640	-.00030	.00040	-.00120
5.948	-1.150	-.00000	.06610	-.06480	.00735	-8.81130	-.01490	-.00020	.00050	-.00130
5.949	.040	.00000	.00670	-.00900	.00671	-1.34180	-.01360	-.00010	.00040	-.00110
5.950	1.210	.00000	.00590	.03910	.00674	5.79520	-.01250	-.00010	.00040	-.00120
5.951	2.310	.00000	.00430	.08350	.00789	11.35200	-.01030	-.00000	.00040	-.00150
5.952	3.440	.00000	.00150	.13940	.00888	14.11400	-.00740	-.00010	.00030	-.00160
5.953	4.570	.00000	-.00250	.19080	.01269	15.03600	-.00460	-.00000	.00030	-.00170
5.954	6.850	.00000	-.01430	.29980	.02155	13.86500	-.00080	-.00030	.00030	-.00160
5.955	9.260	.00000	-.03300	.41990	.03500	11.99700	.00720	-.00020	.00020	-.00080
5.956	11.460	.00000	-.05090	.52510	.05455	9.62540	.01420	-.00070	.00070	-.00080
5.957	13.750	.00000	-.05420	.62780	.09780	6.41960	.01020	-.00030	.00060	-.00090
5.958	15.020	.00000	-.04270	.72740	.15227	4.77670	-.00550	-.00090	.00050	-.00130
5.959	18.110	.00000	-.02730	.81130	.20323	3.71440	-.04290	-.00290	.00070	-.00240
5.960	20.090	.01000	-.02060	.83340	.25272	3.05520	-.06810	-.00240	.00160	-.00010
5.961	22.170	.02000	-.01760	.78180	.29983	2.69740	-.07320	-.00550	.00080	-.00470
5.962	24.050	.03000	-.01760	.73350	.31066	2.38030	-.08920	-.00380	.00100	-.00330
5.963	26.040	.07000	-.01190	.73040	.34370	2.12510	-.10040	-.03160	.00160	-.03970

RUN NO. 145/ 0 RN/L = 7.90

RN/FT	ALPHA	BETA	CA	CL	CD	L/D	CLM	CBL	CYN	CY
7.915	-2.340	.00000	.00510	-.11450	.00976	-11.73900	-.01680	-.00020	.00020	.00010
7.920	-1.120	.00000	.00700	-.06350	.00829	-7.66150	-.01580	-.00020	.00050	.00060
7.922	.010	.00000	.00740	-.01470	.00739	-1.99390	-.01360	-.00020	.00030	.00020
7.929	1.190	.00000	.00680	.03890	.00761	5.10700	-.01290	-.00020	.00030	-.00030
7.932	2.390	.00000	.00480	.09380	.00877	10.70100	-.01110	-.00010	.00030	-.00040
7.924	3.560	.00000	.00260	.14460	.01436	13.02100	-.00720	-.00010	.00010	-.00030
7.931	4.780	.00000	-.00260	.20330	.02406	14.15700	-.00480	-.00010	.00020	-.00050
7.935	7.180	.00000	-.01570	.31950	.03762	11.52300	.00110	-.00020	.00000	-.00040
7.939	9.540	.00000	-.03470	.43350	.05947	9.17110	.00860	-.00020	.00000	-.00030
7.943	11.940	.00000	-.05470	.54540	.08477	6.42790	.01610	-.00060	.00100	.00010
7.948	14.370	.00000	-.06400	.65710	.10223	4.57910	.01290	-.00110	.00070	.00110
7.951	16.690	.00000	-.05860	.75210	.16424	3.60840	-.00920	-.00100	.00050	-.00170
7.958	18.810	.01000	-.04860	.80760	.22381	3.60840	-.04820	.00750	.00130	-.00460
7.959	20.690	.02000	-.03580	.78430	.25787	3.04130	-.07690	.01110	.00270	-.00080
7.963	22.790	.02000	-.03540	.80120	.29811	2.68750	-.07860	.01510	.00240	-.01260
7.969	24.720	.07000	-.01740	.74380	.32328	2.30080	-.09160	.02760	.00090	-.02580
7.975	26.740	.10000	-.01350	.73390	.35739	2.06860	-.10260	.03580	.00210	-.04290

DATE 20 FEB 76

LASS TABULATED SOURCE DATA

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WING 1 25-25-0008 AMES 12-086 (LA65) (ANCO45) (16 JUL 75)

REFERENCE DATA

SREF = .5272 50.FT XMRP = 2.8417 IN. XB
LREF = 6.2646 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C =
FILSWP = 25.000 LESWP = 25.000
BETA = .000 MACH = .300
GRITNO = .000

RUN NO. 148/ 0 RN/L = 1.90

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
1.914	-2.050	-.00010	.00070	.00470	127.00000
1.912	-1.010	-.00010	.00060	.00490	126.00000
1.910	.030	-.00020	.00070	.00470	126.00000
1.909	1.110	-.00020	.00040	.00470	126.00000
1.904	2.160	-.00020	.00050	.00490	126.00000
1.903	3.220	-.00020	.00040	.00470	126.00000
1.901	4.190	-.00020	.00040	.00490	126.00000
1.899	6.330	-.00020	.00040	.00470	126.00000
1.900	8.400	-.00020	.00030	.00450	126.00000
1.897	10.500	-.00020	-.00070	.00480	126.00000
1.897	12.650	-.00060	-.00020	.00500	126.00000
1.896	14.670	-.00040	.00030	.00560	126.00000
1.894	16.760	-.00040	.00000	.00760	126.00000
1.898	18.780	-.00050	-.00060	.00930	126.00000
1.897	20.760	.00170	-.00300	.01190	126.00000
1.832	22.740	.00610	-.01150	.01840	125.00000
1.888	24.740	.02580			

RUN NO. 147/ 0 RN/L = 3.96

RN/FT	ALPHA	CSL	CLN	CPCAV	O(PSF)
3.977	-2.100	-.00020	.00000	.00470	264.00000
3.972	-1.070	-.00030	.00000	.00470	264.00000
3.968	.040	-.00030	.00010	.00480	264.00000
3.957	1.110	-.00010	.00010	.00510	264.00000
3.956	2.230	-.00010	.00000	.00530	264.00000
3.960	3.300	-.00020	.00000	.00520	265.00000
3.957	4.430	-.00020	-.00010	.00500	265.00000
3.960	6.660	-.00010	.00000	.00520	265.00000
3.954	8.770	-.00020	.00000	.00520	264.00000
3.960	11.030	-.00050	-.00040	.00510	265.00000
3.958	13.210	-.00100	-.00100	.00530	265.00000
3.957	15.330	.00040	.00030	.00560	265.00000
3.955	17.340	.00610	-.00360	.00640	265.00000
3.969	19.430	.00500	-.00330	.00820	267.00000
3.961	21.450	.00440	-.00270	.00980	266.00000
3.954	23.430	.00770	-.00370	.01280	267.00000
3.961	25.450	.02920	-.01280	.01930	265.00000

WING I 25-25-0008

AMES 12-086 (LA65)

(ANCO45) (16 JUL 75)

REFERENCE DATA

SREF = .5272 SQ.FT. XMRP = 2.8417 IN. XB
 LPEF = 6.2646 INCHES YMRP = .0000 IN. YB
 BREF = 13.1125 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 146/ 0 RN/L = 5.94

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
5.947	-2.190	-.00040	.00040	.00530	397.00000
5.943	-1.150	-.00020	.00050	.00540	397.00000
5.976	.040	-.00010	.00040	.00540	401.00000
5.960	1.210	-.00010	.00040	.00550	399.00000
5.955	2.310	.00000	.00030	.00520	399.00000
5.950	3.440	.00000	.00030	.00530	399.00000
5.949	4.570	.00000	.00030	.00540	400.00000
5.946	6.850	.00030	.00020	.00540	400.00000
5.942	9.260	.00030	.00060	.00540	400.00000
5.938	11.460	-.00080	-.00060	.00540	401.00000
5.946	13.750	.00010	-.00050	.00550	401.00000
5.934	16.020	-.00100	-.00020	.00600	400.00000
5.933	18.110	-.00300	.00030	.00670	401.00000
5.924	20.090	.00180	-.00230	.00850	400.00000
5.925	22.170	.00480	-.00290	.01060	400.00000
5.918	24.050	.02130	-.01060	.01780	400.00000
5.905	26.040	.02310	-.01240	.02050	398.00000

RUN NO. 145/ 0 RN/L = 7.90

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
7.915	-2.340	-.00020	.00020	.00540	519.00000
7.920	-1.120	-.00020	.00050	.00520	521.00000
7.922	-.010	-.00020	.00030	.00540	522.00000
7.903	1.190	-.00020	.00030	.00540	521.00000
7.912	2.390	-.00010	.00030	.00540	521.00000
7.912	3.560	-.00010	.00020	.00510	522.00000
7.924	4.780	-.00010	.00020	.00520	525.00000
7.915	7.180	-.00020	.00010	.00520	524.00000
7.901	9.540	.00010	.00000	.00530	523.00000
7.899	11.940	-.00100	-.00090	.00510	523.00000
7.898	14.370	-.00120	-.00040	.00550	524.00000
7.901	16.690	-.00080	.00070	.00590	525.00000
7.898	18.810	.000750	-.00120	.00670	524.00000
7.898	20.690	.00940	-.00650	.00860	524.00000
7.893	22.790	.01490	-.00360	.01110	524.00000
7.899	24.720	.02470	-.01240	.01730	524.00000
7.875	26.740	.03110	-.01330	.02120	25.00000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 BETA = .000 TESWP = 25.000
 GRITNO = .000 MACH = .300

DATE 20 FEB 76

LA65 TABULATED SOURCE DATA

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WING I 25-80-0008

AMES 12-086 (LA65)

(RNC046) (16 JUL 75

REFERENCE DATA

SREF = .7905 SO.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESMP = 25.000
 FILSMP = 80.000 TESMP = 25.000
 BETA = .000 MACH = .300
 GR1TNO = .000

RUN NO. 13/ 0 RN/L = 1.95

RN/FT	ALPHA	BETA	CA	CL	CD	L/D	CLM	CBL	CYN	CI
1.959	-1.997	.00000	.06190	.00820	.01032	-5.96720	.01070	.00050	.00100	-.00110
1.958	-.960	.00000	.02800	.00910	.00953	-2.92400	.00220	.00050	.00130	-.00160
1.955	.070	.00000	.00410	.00990	.00886	.45910	-.00430	.00050	.00130	-.00130
1.954	1.120	.00000	.03610	.00960	.00926	3.88190	-.01180	.00040	.00100	.00000
1.951	2.140	.00000	.06800	.00750	.01008	6.70960	-.01890	.00060	.00180	-.00190
1.945	3.190	.00000	.10440	.00550	.01126	9.23380	-.02820	.00040	.00140	-.00070
1.947	4.220	.00000	.14160	.00350	.01383	10.15500	-.03710	.00040	.00130	-.00030
1.945	6.320	.00000	.21360	.00170	.02177	9.76100	-.05340	.00030	.00120	.00130
1.947	8.380	.00000	.29060	.00090	.03456	8.35270	-.06900	.00040	.00190	.00020
1.943	10.500	.00000	.37030	.00020	.05082	6.21310	-.08920	.00040	.00440	-.00260
1.944	12.600	.00000	.47300	.00000	.09563	4.84130	-.11520	.00050	.00160	.00010
1.940	14.680	.00000	.56460	.00000	.13526	4.05350	-.13780	.00100	.00180	-.00060
1.942	16.810	.00000	.65750	.00000	.18189	3.53150	-.16300	.00100	.00100	-.00010
1.938	18.910	.00000	.76780	.00000	.23313	3.13660	-.18630	.00100	.00020	-.00050
1.930	21.010	.00000	.86580	.00000	.29044	2.80920	-.20680	.00130	.00030	-.00440
1.935	23.120	.01000	.96380	.00000	.35319	2.53110	-.22570	.00210	.00000	-.00780
1.938	25.220	.01000	1.04370	.00000	.41737	2.29310	-.24160	.00220	.00010	-.01030

RUN NO. 12/ 0 RN/L = 3.98

RN/FT	ALPHA	BETA	CA	CL	CD	L/D	CLM	CBL	CYN	CI
3.986	-2.070	.00000	.06540	.00670	.00905	-7.19190	-.01230	.00020	.00040	-.00070
3.986	-1.010	.00000	.00770	.00770	.00832	-4.23390	.00510	.00020	.00060	-.00100
3.984	.070	.00000	.00120	.00810	.00806	-.14770	-.00240	.00010	.00050	-.00040
3.980	1.160	.00000	.02900	.00780	.00934	3.46220	-.00880	.00010	.00040	.00010
3.980	2.240	.00000	.06420	.00570	.00918	6.95650	-.01720	.00010	.00070	-.00040
3.982	3.330	.00000	.09920	.00350	.01075	9.18030	-.02510	.00010	.00080	-.00050
3.979	4.460	.00000	.13410	.00270	.01283	10.40160	-.03320	.00000	.00030	.00030
3.971	6.110	.00000	.20690	.00160	.01990	10.34200	-.05030	.00000	.00080	.00030
3.974	8.700	.00000	.28930	.00070	.03319	8.66690	-.06760	.00010	.00120	-.00050
3.977	10.880	.00000	.37870	.00000	.05710	6.55210	-.08790	.00070	.00350	-.00230
3.978	13.100	.00000	.47900	.00000	.09959	4.70590	-.11620	.00070	.00090	.00090
3.983	15.290	.00000	.59250	.00000	.14149	3.90520	-.13960	.00090	.00040	.00250
3.971	17.500	.00000	.66950	.00000	.18503	3.39850	-.16310	.00160	.00010	-.00010
1.970	19.720	.01000	.74450	.00000	.24422	3.01080	-.18660	.00390	.00030	-.00270
1.955	21.960	.01000	.81970	.00000	.30725	2.68400	-.20910	.00140	.00040	-.00450
3.979	24.190	.02000	.89760	.00000	.37236	2.40050	-.22700	.00210	.00050	-.00880
3.971	26.350	.02000	1.05030	.00000	.45661	2.18930	-.24050	.00170	.00010	-.00800

ORIGINAL PAGE IS OF POOR QUALITY

WING I 25-80-0008

AMES 12-086 (LA65)

(RNC046) (16 JUL 75)

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 11/ 0 RN/L = 5.97

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
5.995	-2.170	.00000	-.06970	.00630	-.06940	.00892	-7.78620	.01300	.00030	.00010	-.00010
5.995	-1.050	.00000	-.03610	.00740	-.03600	.00811	-4.43700	.00540	.00030	.00070	.00010
5.963	.080	.00000	-.00200	.00790	-.00200	.00792	-.25470	-.00240	.00020	.00010	.00010
5.973	1.180	.00000	.03120	.00740	.03100	.00801	3.87580	-.00990	.00020	.00010	.00020
5.971	2.310	.00000	.06510	.00620	.06480	.00877	7.38820	-.01720	.00020	.00020	.00010
5.968	3.390	.00000	.09820	.00430	.09780	.01012	9.66330	-.02460	.00020	.00030	.00000
5.967	4.490	.00000	.13380	.00170	.13320	.01216	10.95900	-.03260	.00050	.00010	.00010
5.971	6.750	.00000	.21210	-.00480	.21120	.02016	10.47800	-.03080	.00040	.00040	.00040
5.965	9.050	.00000	.30340	-.01370	.30190	.03422	8.81900	-.07100	.00020	.00060	.00000
5.971	11.320	.00000	.39050	-.02310	.38740	.05401	7.17260	-.08920	.00050	.00060	.00000
5.970	13.630	-.01000	.49530	-.01110	.48400	.10591	4.57010	-.12050	.00010	.00010	.00160
5.962	15.940	.00000	.59340	-.01110	.57360	.15235	3.76510	-.14610	.00030	.00010	.00130
5.960	18.270	.00000	.69670	-.01590	.66550	.20336	3.27740	-.17000	.00070	.00030	.00000
5.960	20.600	.01000	.80020	-.02140	.75660	.26157	2.89250	-.19330	.00090	.00030	-.00190
5.963	22.920	.03000	.89260	-.02630	.82330	.32341	2.57350	-.21260	.00170	.00040	-.00870
5.956	25.170	.04000	.96340	-.03060	.88580	.38252	2.31570	-.22490	.00180	.00100	-.01080
5.964	27.370	.03000	1.00820	-.03450	.91120	.43289	2.10500	-.22530	.00140	.00140	-.00800

RUN NO. 10/ 0 RN/L = 7.98

RN/FT	ALPHA	BETA	CN	CA	CL	CD	L/D	CLM	CBL	CYN	CY
8.013	-2.240	.00000	-.07200	.00590	-.07170	.00874	-8.20660	.01370	.00030	.00050	-.00120
8.000	-1.100	.00000	-.03790	.00700	-.03770	.00775	-4.86900	.00580	.00040	.00040	-.00120
7.982	.040	.00000	-.00490	.00750	-.00490	.00749	-.64980	-.00160	.00040	.00050	-.00130
7.997	1.180	.00000	.02960	.00710	.02950	.00770	3.82790	-.00930	.00030	.00030	-.00070
7.987	2.320	.00000	.05540	.00570	.05510	.00837	7.78030	-.01740	.00030	.00030	-.00080
7.969	3.470	.00000	.10000	.00380	.09960	.00989	10.06600	-.02510	.00020	.00040	-.00080
7.973	4.630	.00000	.13700	.00120	.13640	.01225	11.13900	-.03330	.00020	.00040	-.00100
7.952	7.000	.00000	.22030	-.00560	.21940	.02127	10.31600	-.05240	.00020	.00060	-.00050
7.954	9.370	.00000	.31070	-.01480	.30900	.03600	8.58270	-.07190	.00030	.00070	-.00070
7.978	11.750	.00000	.39950	-.02530	.39530	.05667	6.99330	-.09040	.00040	.00060	-.00050
7.973	14.200	.01000	.50190	-.02740	.49420	.09656	5.10790	-.11570	.00120	.00580	-.00640
7.963	16.620	.00000	.61630	-.01340	.59440	.16341	3.63760	-.15160	.00040	.00060	.00010
7.957	19.080	.00000	.72540	-.01880	.69170	.21932	3.15370	-.17740	.00080	.00000	.00010
7.982	21.540	.01000	.82980	-.02500	.78100	.28148	2.77460	-.20070	.00050	-.00020	-.00270
7.971	23.940	.05000	.92000	-.03030	.85320	.34564	2.46840	-.21900	.00200	-.00050	-.01060
7.953	26.240	.05000	.98040	-.03520	.90030	.40459	2.22530	-.22980	.00170	-.00040	-.00940
7.972	28.490	.04000	1.02250	-.03800	.91680	.45434	2.01800	-.22890	.00200	-.00220	-.00700

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

DATE 20 FEB 75

LASS TABULATED SOURCE DATA

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WING I 25-80-0008

AMES 12-086 (LASS)

(ANCO46) (16 JUL 75)

REFERENCE DATA

SREF = .7905 SQ.FT. XMRP = 12.4090 IN. XB
 LREF = 12.6755 INCHES YMRP = .0000 IN. YB
 BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
 SCALE = .0000

RUN NO. 13/ 0 RN/L = 1.95

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
1.959	-1.990	.00040	.00100	.00160	124.00000
1.958	-.960	.00050	.00130	.00160	125.00000
1.955	.070	.00050	.00130	.00170	125.00000
1.954	1.120	.00040	.00100	.00160	125.00000
1.951	2.140	.00060	.00180	.00160	125.00000
1.945	3.190	.00050	.00140	.00170	124.00000
1.947	4.220	.00050	.00130	.00180	125.00000
1.945	6.320	.00050	.00120	.00180	125.00000
1.947	8.380	.00070	.00180	.00190	125.00000
1.943	10.500	.00110	.00430	.00210	125.00000
1.944	12.600	.00080	.00150	.00210	125.00000
1.940	14.680	.00140	.00150	.00210	125.00000
1.942	16.810	.00130	.00070	.00220	125.00000
1.938	18.910	.00100	-.00020	.00260	125.00000
1.938	21.010	.00140	-.00020	.00280	125.00000
1.935	23.120	.00190	-.00080	.00300	125.00000
1.938	25.220	.00200	-.00090	.00340	125.00000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
 FILSWP = 80.000 TESWP = 25.000
 BETA = .000 MACH = .300
 GRITNO = .000

RUN NO. 12/ 0 RN/L = 3.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q (PSF)
3.986	-2.070	.00020	.00040	.00180	257.00000
3.986	-1.010	.00020	.00060	.00170	258.00000
3.984	.070	.00010	.00050	.00170	258.00000
3.984	1.160	.00010	.00040	.00180	258.00000
3.980	2.240	.00010	.00070	.00170	258.00000
3.982	3.330	.00020	.00080	.00180	259.00000
3.979	4.360	.00010	.00030	.00180	258.00000
3.971	6.510	.00010	.00080	.00190	258.00000
3.974	8.700	.00030	.00120	.00200	258.00000
3.977	10.880	.00140	.00330	.00200	259.00000
3.978	13.100	.00080	.00050	.00210	259.00000
3.983	15.290	.00070	-.00060	.00220	260.00000
3.971	17.500	.00160	-.00040	.00240	259.00000
3.970	19.720	.00100	-.00010	.00250	259.00000
3.965	21.960	.00120	-.00090	.00290	259.00000
3.979	24.180	.00170	-.00130	.00320	261.00000
3.971	26.350	.00110	-.00160	.00360	260.00000

WING 1 25-80-0008 AMES 12-086 (LA65) (ANC046) (16 JUL 75)

REFERENCE DATA

SREF = .7905 SO.FT. XMRP = 12.4090 IN. XB
LREF = .2.6755 INCHES YMRP = .0000 IN. YB
BREF = 13.1135 INCHES ZMRP = .0000 IN. ZB
SCALE = .0000

PARAMETRIC DATA

T/C = .080 LESWP = 25.000
FILSMP = 80.000 TESWP = 25.000
BETA = .000 MACH = .300
GR:TNO = .000

RUN NO. 117 0 RN/L = 5.97

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
5.996	-2.170	.00030	.00010	.00180	388.00000
5.995	-1.050	.00030	.00000	.00190	389.00000
5.989	.080	.00020	.00010	.00170	389.00000
5.973	1.180	.00020	.00010	.00190	388.00000
5.971	2.310	.00020	.00020	.00180	388.00000
5.968	3.330	.00020	.00030	.00190	388.00000
5.967	4.490	.00020	.00050	.00200	389.00000
5.971	6.750	.00020	.00040	.00200	390.00000
5.965	9.050	.00030	.00050	.00220	390.00000
5.971	11.320	.00050	.00020	.00220	391.00000
5.970	13.630	.00040	.00020	.00220	392.00000
5.962	15.940	.00060	.00050	.00240	391.00000
5.960	18.270	.00080	.00100	.00250	391.00000
5.960	20.600	.00090	.00060	.00280	392.00000
5.963	22.920	.00140	.00100	.00330	393.00000
5.956	25.170	.00120	.00170	.00380	393.00000
5.964	27.370	.00030	.00170	.00490	394.00000

RUN NO. 107 0 RN/L = 7.98

RN/FT	ALPHA	CSL	CLN	CPCAV	Q(PSF)
8.313	-2.240	.00030	.00050	.00190	515.00000
8.300	-1.100	.00040	.00040	.00180	514.00000
7.982	.040	.00040	.00050	.00180	513.00000
7.997	1.180	.00030	.00030	.00180	516.00000
7.987	2.320	.00030	.00030	.00190	516.00000
7.968	3.470	.00020	.00040	.00190	514.00000
7.973	4.630	.00020	.00040	.00190	516.00000
7.962	7.000	.00020	.00050	.00180	515.00000
7.964	9.370	.00040	.00070	.00200	516.00000
7.978	11.750	.00050	.00050	.00210	519.00000
7.973	14.200	.00260	.00530	.00220	519.00000
7.963	16.620	.0040	.0010	.00230	519.00000
7.957	19.080	.00070	.0030	.00250	518.00000
7.982	21.540	.00040	.00040	.00280	523.00000
7.971	23.940	.00160	.00130	.00330	522.00000
7.953	26.240	.00090	.00210	.00390	521.00000
7.972	28.490	.00070	.00290	.00540	524.00000