

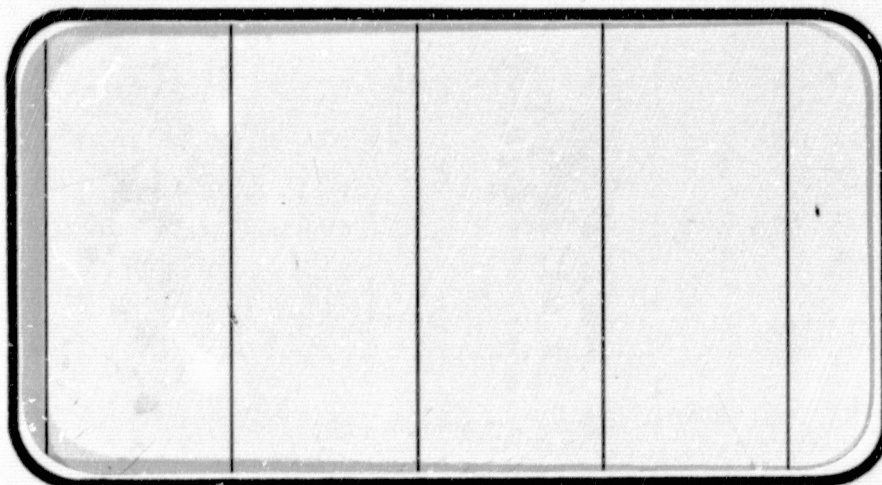
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



(NASA-CR-147647) HIGH SUPERSONIC STABILITY AND CONTROL CHARACTERISTICS OF A 0.015-SCALE (REMOTELY CONTROLLED ELEVON) MODEL 44-0 SPACE SHUTTLE ORBITER TESTED IN THE NASA/LARC 4-FOOT UPWT (LEG 2) (Chrysler

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services



November, 1976

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VOLUME 2 OF 2

HIGH SUPERSONIC STABILITY AND CONTROL  
CHARACTERISTICS OF A 0.015-SCALE (REMOTELY  
CONTROLLED ELEVON) MODEL 44-0 SPACE SHUTTLE ORBITER  
TESTED IN THE NASA/LaRC 4-FOOT UPWT (LEG 2)  
(LA75)

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services  
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for

Engineering Analysis Division

Johnson Space Center  
National Aeronautics Space Administration  
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: LaRC No. 2 UPWT 1173  
NASA Series Number: LA75  
Model Number: 44-0  
Test Dates: 6 through 16 April 1976  
Occupancy Hours: 90

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MODEL 44-0 SPACE SHUTTLE ORBITER TESTED  
IN THE NASA/LaRC 4-FOOT UPWT (LEG 2)  
(LA75)

ABSTRACT

The investigation was conducted in the NASA/Langley Research Center Unitary Plan Wind Tunnel Test Section 2 from April 6 to 16, 1976. The model was a Langley-built 0.015-scale SSV Orbiter model with remote independently operated left and right elevon surfaces. Special attention was directed to definition of nonlinear aerodynamic characteristics by taking data at small increments.

The objectives of the test were to obtain high supersonic aerodynamic data on control surface linearity and sensitivity to Mach number for fine-cut speed brake, body flap and rudder deflections, to investigate the interactive effects of mutual control surface deflections, and to obtain basic speed brake, body flap and rudder information not previously obtained in earlier studies.

Six component aerodynamic force and moment and elevon position data were recorded for the Space Shuttle Orbiter with various elevon, aileron rudder and speed brake deflection combinations over an angle of attack range from  $-4^\circ$  to  $32^\circ$  at angles of sideslip of  $0^\circ$  and  $3^\circ$ . Additional tests were made over an angle of sideslip range from  $-6^\circ$  to  $8^\circ$  at selected angles of attack. Test Mach numbers were 2.86, 2.90, 3.90 and 4.60 with Reynolds numbers held at a constant  $2.0 \times 10^6$  per foot.

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 $C_Y$  vs.  $\alpha$   
 $C_l$ (BODY) vs.  $\alpha$   
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 $\beta, \delta_a, \delta_e$  vs.  $\alpha$

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(A) MACH, SPDBRK  
(B) MACH, RUDDER  
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## INDEX OF DATA FIGURES (Concluded)

### VARYING CONDITIONS (Concluded)

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- (Q) MACH, BDFLAP
- (R) MACH, ELEVON, BDFLAP
- (S) MACH, ELEVON
- (T) MACH, BETA, BDFLAP

**NOMENCLATURE**  
General

<u>SYMBOL</u>	<u>MNEMONIC</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
$\alpha$	ALPHA	angle of attack, degrees
$\beta$	BETA	angle of sideslip, degrees
$\psi$	PSI	angle of yaw, degrees
$\phi$	PHI	angle of roll, degrees
$\rho$		mass density; $kg/m^3$ , slugs/ft <sup>3</sup>

Reference & C.G. Definitions

$A_b$		base area; $m^2$ , $ft^2$
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{l}{c}$	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

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
$\infty$	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>MNEMONIC</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; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
$C_{A_f}$	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
$C_m$	CIM	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; $\frac{\text{side force}}{qS}$
$C_m$	CIM	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 <sub>f</sub>	L/DF	lift to forebody drag ratio; $C_L/C_{D_f}$

NOMENCLATURE (Continued)  
Additions to Nomenclature)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
$\delta_a$	AILRON	aileron, total aileron deflection angle, degrees, (left aileron-right aileron)/2
$\delta_e$	ELEVON	elevon, surface deflection angle, positive deflection trailing edge down, (left aileron + right aileron)/2
$C_A$	CA	axial-force coefficient unadjusted for base or sting cavity pressures
$C_{ASC}$	CAC	sting cavity axial-force coefficient
$\bar{c}_e$		elevon mean aerodynamic chord, in.
$S_e$		elevon planform area, ft.
$\delta_{SB}$	SPDBRK	speed brake deflection angle, degrees
$\delta_r$	RUDDER	rudder deflection angle, degrees
$\delta_{BF}$	BDFLAP	bodyflap deflection angle, degrees
$X_{cp}/\ell_B$	XCP/L	normal force center of pressure, percent reference length
$\delta_{eL}$	ELVN-L	left elevon surface deflection angle, positive deflection trailing edge down, degrees
$\delta_{eR}$	ELVN-R	right elevon surface deflection angle, positive deflection trailing edge down, degrees
$A_{sc}$		sting cavity area, m <sup>2</sup> , ft <sup>2</sup>
$\ell_B$		body length, m, ft.
$\Delta\beta$	DLTBTA	incremental angle of sideslip, difference between two or more test runs, degrees
	GRIT	parameter to denote testing with grit GRIT = 1 (grit on), GRIT = 0 (grit off)



## INTRODUCTION

Langley Research Center (LaRC), assisting Johnson Space Center (JSC) in the Space Shuttle development program, is continuing their support in determining Space Shuttle Orbiter aerodynamics, utilizing, at present, an .015-scale model having remotely controlled elevons. The original phase of this project was initiated to determine, systematically, fine-cut stability and elevon/aileron control characteristics of the Orbiter and to locate areas of non-linear aerodynamics and to investigate the sensitivity of these non-linearities to Reynolds number in the Mach number range from 0.20 to 4.60.

During the analysis of results obtained in this basic program, several areas needing further investigation were discovered. No consideration was given to the possibility of interactive mutual interference effects between control surfaces in combination where one deflected surface could significantly affect the aerodynamic effectiveness of another. Also, there is a significant lack of data on the rudder effectiveness associated with incremental speed brake, or body flap deflections.

The objectives of these continuing studies are, therefore, to determine control effectiveness linearity for fine-cut speed brake, body flap, and rudder deflections and to investigate the interactive effects of mutual interference when control surfaces are deflected in combination.

The present investigation was initiated to study the high supersonic characteristics, utilizing the NASA/Langley Research Center Unitary Plan Wind Tunnel (Leg 2). The test was conducted from April 6 to 16, 1976.

## INTRODUCTION (Concluded)

The test Mach numbers of this investigation were 2.86, 2.90, 3.90, and 4.60 with Reynolds number held at a constant  $2.0 \times 10^6$  per foot. Six component aerodynamic force and moment and elevon position data were recorded for the Space Shuttle Orbiter with various elevon, aileron, rudder and speed brake deflection combinations over an angle of attack range from  $-4^\circ$  to  $32^\circ$  at angles of sideslip of  $0^\circ$  and  $3^\circ$ . Additional tests were made over an angle of sideslip range from  $-6^\circ$  to  $8^\circ$  at selected angles of attack.

## MODEL DESCRIPTION

The test model was a 0.015-scale model of the Space Shuttle Orbiter (Figures 2 and 3). The model was constructed at the Langley Research Center using the nose section forward of full-scale fuselage station 672.8, the vertical tail and OMS pods from an existing Rockwell model 49-0. The remainder of the model, the wings, elevons, and body were constructed from Rockwell-furnished line details. The elevon hinge line gap was sealed for this test. The left and right elevon surfaces were driven independently by internally mounted electric motors. The elevon position was determined by high resolution potentiometers mounted on the pivot axis (hinge-line) of the elevons, thus giving the true position of the elevon under load at all times. The accuracy of the elevon position is the read-out accuracy of the potentiometer, which was determined to be within 0.2 degree.

The model configuration is summarized as follows:

Orbiter - 140A/B/C =  $B_{26} C_9 E_{43} F_8 M_{16} N_{28} R_5 V_8 W$

<u>Component</u>	<u>Definition</u>
$B_{26}$	Fuselage per Rockwell Lines VL70-000140A and VL70-000140B (Model drawing SS-A00147)
$C_9$	Canopy per Rockwell Lines VL70-000143A and VL70-000143B (Model drawing SS-A00147)
$E_{43}$	Slotted version (6-inch) of $E_{26}$ elevons per Rockwell VL70-000145 (Model drawing SS-A00147)
$F_8$	Body flap per Rockwell Lines VL70-000145 (Model drawing SS-A00147)
$M_{16}$	OMS/RCS pods per Rockwell Lines VL70-0084010 (Model drawing SS-A00147)
$N_{28}$	OMS engine nozzle per Rockwell Lines VL70-000145 (Model drawing SS-A00147)

MODEL DESCRIPTION (Concluded)

<u>Component</u>	<u>Definition</u>
R <sub>5</sub>	Rudder per Rockwell Lines VL70-000146A (Model drawing SS-A00148)
V <sub>8</sub>	Vertical tail per Rockwell Lines VL70-000146A (Model drawing SS-A00148)
W	Wing per Rockwell V70-30-906-01 (Basic Control drawing)

A complete description of model dimensional data is given in Table III.

## TEST CONDITIONS

The tunnel conditions existing during the test are summarized in Table I and the configurations tested are shown in Table II. The model was sting supported, and the aerodynamic forces and moments were measured by an internally mounted six-component strain gage balance. In an attempt to insure turbulent flow over the model, strips of carborundum grit were applied to the wing, vertical tail, and nose as shown in Figure 2. Model angle of attack was varied from about  $-4$  to  $32^\circ$  for angles of sideslip of  $0^\circ$  and  $3^\circ$ . Sideslip angles were varied from  $-6^\circ$  to  $8^\circ$  at angles of attack of  $6^\circ$ ,  $12^\circ$ ,  $20^\circ$ , and  $30^\circ$ . Angles of attack and sideslip have been corrected for the effects of sting deflection under load. Runs were made either by setting the elevons at a fixed angle from  $+10^\circ$  to  $-10^\circ$  or by varying the elevon angle at a given angle of attack and sideslip. No additional correction due to load has been applied to elevon angle since total torsional bending of the elevon has been determined to be negligible.

## TEST FACILITY DESCRIPTION

The NASA LaRC 4 foot Unitary Plan Wind Tunnel (UPWT) is a closed-circuit continuous flow, variable density facility. The test section is 4 feet by 4 feet by 7 feet long.

Two tunnel legs are available for supersonic testing in the Mach number ranges 1.47 to 2.86 (Leg No. 1) and 2.29 to 4.63 (Leg No. 2). Leg No. 2 was used for this test. An asymmetric, sliding block nozzle position and total pressure setting provide the test Mach numbers at a specified Reynolds number. Reynolds number can be varied from 0.76 to 7.78 million per foot. Available stagnation pressure variation is 4.0 to 142 psia. Dynamic pressure variation is 95 to 1260 psf with normal operating stagnation temperature about 150°F in Mach modes 2 or 3 and about 175°F in Mach mode 4. The tunnel is equipped with a dry air supply, an evacuating system, and a cooling system. The facility power is approximately 83,000 horsepower.

Model mounting provisions consist of various sting arrangements, including axial (longitudinal), lateral (independent pitch and yaw), and roll movement with side wall support. A Schlieren system and oil flow visualization equipment are available. Data are recorded at the tunnel and reduced off-line at the Langley Computer Center. The tunnel is used for force and moment, pressure, and dynamic stability tests. Hot and cold jet effects and heat transfer have been studied in the UPWT.

## DATA REDUCTION

LaRC UT-27-100 six-component strain gage balance was used to measure model forces and moments. All final data were presented along a set of body and stability axes (Figure 1) through the nominal center of gravity located at F.S. 1076.7 and FRL 375.0. Drag data presented represent gross drag in that no corrections to free-stream conditions in the base regions have been made. Model data were converted to standard NASA coefficients using the following constants:

Reference Area	$S_{ref} = 0.605 \text{ ft.}^2$
Reference Length	$l_{ref} = 7.122 \text{ in.}$
Reference Span	$b_{ref} = 14.05 \text{ in.}$
Total base area excluding sting cavity	$A_b = 0.0615 \text{ ft.}^2$
Sting cavity area	$A_{sc} = 0.03409 \text{ ft.}^2$





TABLE II

TEST: LARC UPWT 2 1173 (1A75)		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 4-23-76							
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES								MACH NUMBERS							
		$\alpha$	$\beta$	$\delta_e$	$\delta_a$	$\delta_{SE}$	$\delta_r$	$\delta_{BF}$					2.86	2.90	3.90	4.60			
RJH001	Orb	A	0	0	0	25	0	0								1			
			3	↓												6			
			0	-10												2			
			3	↓												5			
			0		5											3			
			3	↓												4			
			0	0	0			-10								278			
			0	-10												279			
			0		5											280			
			3	↓												281			
			0	0	0	39.7	0									102		108	115
			3	↓														112	
			0	-10												103		109	116
			0		5											104		110	117
			3	↓												105		111	118
			0	0	0			-10								121		127	133
			0	-10												122		128	134
R:	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	MACH	ALPHA			10				
S:	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)				MACH	ALPHA			7				
TYPE OF DATA										COEFFICIENT SCHEDULES					IDVAR (1)	IDVAR (2)	NDV		
$\alpha$ OR $\beta$ SCHEDULES A: $-4 < \alpha < 32$																			

20

TEST RUN NUMBERS

TABLE II (Continued)

TEST : LaRC UPWT 2 1173 (IA75) DATA SET/RUN NUMBER COLLATION SUMMARY DATE : 4/23/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES							MACH NUMBERS						
		$\alpha$	$\beta$	$\delta e$	$\delta a$	$\delta_{SB}$	$\delta_r$	$\delta_{BF}$					2.86	2.90	3.90	4.60	
RTH018	Orb	A	0	-10	5	39.7	-10	0						123		129	135
19			3				-10							124		130	136
20			0			52.7	0							248		257	268
21			3				0							252		258	269
22			0	0	0		-275							174		178	182
23				-10										175		179	183
24					5									176		180	184
25			3											177		181	185
26			0	0	0		-5.6							186		190	194
27				-10										187		191	195
28					5									188		192	196
29			3											189		193	197
30			0	0	0		-10							15		32	48
31			3											22		39	55
32			0	-10										16	31	33	49
33			3											21		38	54
34			0		5									17		34	50

TEST RUN NUMBERS

21

R:  
S:

CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	MACH	ALPHA	10
BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)				MACH	ALPHA	7

TYPE OF DATA:  $\alpha$  OR  $\beta$  SCHEDULES

A:  $-4 < \alpha < 32$

COEFFICIENT SCHEDULES

IDVAR (1) IDVAR (2) NOV

TABLE II (Continued)

TEST LaRC UPWT 2 1173 (IA75)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 4/23/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES							MACH NUMBERS							
		$\alpha$	$\beta$	$\delta_e$	$\delta_a$	$\delta_{SB}$	$\delta_r$	$\delta_{BF}$					2.86	2.90	3.90	4.60		
RJH035	Orb	A	3	-10	5	52.7	-10	0							20		36	53
36				0	0		-16.9								198		202	206
37				-10											199		203	207
38					5										200		204	208
39			3												201		205	209
40				0	0		-23.3								210		214	218
41				-10											211		215	219
42					5										212		216	220
43			3												213		217	221
44				0	10	0		0	22.5						244			245
45					0										242			247
46				-10											243			246
47					10				16.3						224			229
48						5									225			230
49			3												226			231
50				0	0	0									222			227
51					-10										223			228

TEST RUN NUMBERS

22

R:	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	MACH	ALPHA	10
S:	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)				MACH	ALPHA	7

TYPE OF DATA  $\alpha$  OR  $\beta$  SCHEDULES A:  $-4 < \alpha < 32$  COEFFICIENT SCHEDULES IDVAR (1) IDVAR (2) NDV

REPRODUCIBILITY OF THIS ORIGINAL PAGE IS POOR





TABLE II (Continued)

TEST: LaRC UPWT 2 1173 (LA75)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 4/23/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES							MACH NUMBERS								
		$\alpha$	$\beta$	$\delta_e$	$\delta_a$	$\delta_{SB}$	$\delta_r$	$\delta_{BF}$					2.86	2.90	3.90	4.60			
RJH073	Orb	6	B	0	0	25	0	0								7			
74		12														8			
75		20														9			
76		20					-10									283			
77		30					0									10			
78		6		-10	5											14			
79		12														13			
80		20														12			
81		20					-10									282			
82		30					0									11			
83		20		0	0	39.7										107		113	120
84				-10	5											106		114	119
85				0	0		-10									126		132	138
86				-10	5											125		131	137
87		6		0	0	52.7	0												274
88		12																	275
89		20																	276

TEST RUN NUMBERS

R: CN CA CLM CL CD L/D CAB CBL CYN CY MACH BETA 10  
 S: ALPHA ELEVON AILRON ELVN-L ELVN-R CAC Q(PSF) MACH BETA 7

TYPE OF DATA  $\alpha$  OR  $\beta$  SCHEDULES  
 B:  $-6 < \beta < 8$   
 COEFFICIENT SCHEDULES  
 IDVAR (1) IDVAR (2) NDV

TEST: LaRC UPWT 2 1173 (LA75)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 4/23/76

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES							MACH NUMBERS							
		$\alpha$	$\beta$	$\delta_e$	$\delta_a$	$\delta_{SE}$	$\delta_r$	$\delta_{BF}$					2.86	2.90	3.90	4.60		
RJH090	Orb	20	B	0	0	52.7	0	0										
091		30		↓	↓													277
092		6		-10	5													270
093		12		↓	↓													271
094		20		↓	↓													272
095		30		↓	↓			↓										273
096		6		0	0			-10										56
097		12		↓	↓			↓										57
098		20		↓	↓			↓										58
099		30		↓	↓			↓										59
100		6		-10	5													63
101		12		↓	↓			↓										62
102		20		↓	↓			↓										61
103		30		↓	↓			↓										60
104		20		0	0	70	0											151
105		↓		-10	5	↓	↓											155
106		↓		0	0	↓	-10	↓										163

TEST RUN NUMBERS

26

R:	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	MACH	BETA	10
S:	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)				MACH	BETA	7

TYPE OF DATA:  $\alpha$  OR  $\beta$  SCHEDULES

B:  $-6 < \beta < 8$  COEFFICIENT SCHEDULES

IDVAR (1) IDVAR (2) NDV

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR







TABLE III.  
MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY B26

GENERAL DESCRIPTION : Configuration 140A/B Orbiter Fuselage

NOTE: B26 is identical to B24 except underside of fuselage has been  
refaired to accept W

MODEL SCALE: 0.015      MODEL DRAWING: SS-A00147, RELEASE 12

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

DIMENSIONS :	FULL SCALE	MODEL SCALE
* Length (OML: Fwd Sta. $X_0=235$ )-In.	<u>1293.3</u>	<u>19.400</u>
* Length(IML: Fwd Sta. $X_0=238$ )-In.	<u>1290.3</u>	<u>19.355</u>
* Max Width (@ $X = 1528.3$ ) - In.	<u>264.0</u>	<u>3.960</u>
Max Depth (@ $X_0 = 1464$ ) - In.	<u>250.0</u>	<u>3.750</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area - Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>340.88</u>	<u>0.077</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III-Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT : CANOPY - C<sub>9</sub>

GENERAL DESCRIPTION : Configuration 3A, Canopy used with Fuselage  
B26.

MODEL SCALE: 0.015      MODEL DRAWING: SS-A00147 , RELEASE 12

DRAWING NUMBER : VL70-000143A/B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ( $X_o = 434.643$ to $587$ )	<u>143.357</u>	<u>2.150</u>
Max Width (@ $X_o = 513.127$ )	<u>152.412</u>	<u>2.286</u>
Max Depth (@ $X_o = 485.0$ )	<u>25.000</u>	<u>0.375</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>          </u>	<u>          </u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III--Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT : SLOTTED ELEVON (6-inch GAP) - E<sub>43</sub>

GENERAL DESCRIPTION Configuration 140A/B Orbiter elevon.

NOTE: E<sub>43</sub> is a slotted version of E<sub>26</sub>. Data are for one side.

MODEL SCALE: 0.015      MODEL DRAWING: SS-A00147

DRAWING NUMBER VL70-000-000145

DIMENSIONS	FULL SCALE	MODEL SCALE
Area - Ft <sup>2</sup>	<u>210.0</u>	<u>0.0473</u>
Span (equivalent) - In.	<u>349.2</u>	<u>5.238</u>
Inb'd equivalent chord - In.	<u>118.004</u>	<u>1.770</u>
Outb'd equivalent chord/ total surface chord	<u>55.192</u>	<u>0.828</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Trailing Edge	<u>-10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line)	<u>1587.25</u>	<u>0.00536</u>
Mean Aerodynamic Chord ( $\bar{c}$ ), in.	<u>90.7</u>	<u>1.3605</u>

TABLE III-Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY FLAP -F8

GENERAL DESCRIPTION : Configuration 140A/B Orbiter Body Flap.

Hingeline located at  $X_0 = 1528.3$ ,  $Z_0 = 284.3$

MODEL SCALE: 0.015      MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER : VL-000140A, VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ( $X_0 = 1520$ To $X_0 = 1613$ )	<u>93.000</u>	<u>1.395</u>
Max Width (In.)	<u>262.00</u>	<u>3.930</u>
Max Depth ( $X_0 = 1520$ ) - In.	<u>23.000</u>	<u>0.345</u>
Fineness Ratio	<u>                    </u>	<u>                    </u>
Area - Ft <sup>2</sup>	<u>                    </u>	<u>                    </u>
Max. Cross-Sectional	<u>                    </u>	<u>                    </u>
Planform	<u>150.525</u>	<u>0.0339</u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>41.84722</u>	<u>0.00941</u>

TABLE III-Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT : OMS Pod (M16)

GENERAL DESCRIPTION : Configuration 140D Orbiter OMS Pod

MODEL SCALE: 0.015      MODEL DRAWING NO: SS-A00147

DRAWING NUMBER : VL70-000140D  
VL70-0084010

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta $X_0=1310.5$ ) - In.	<u>258.5</u>	<u>3.878</u>
Max Width (@ $X_0 = 1511$ ) - In.	<u>136.8</u>	<u>2.052</u>
Max Depth (@ $X_0 = 1511$ ) - In.	<u>74.7</u>	<u>1.121</u>
Fineness Ratio	<u>2.484</u>	<u>2.484</u>
Area - Ft. <sup>2</sup>		
Max. Cross-Sectional	<u>58.864</u>	<u>0.0132</u>
Planform		
Wetted		
Base		

TABLE III - MODEL DIMENSIONAL DATA-Continued

MODEL COMPONENT: OMS NOZZLES - N28

GENERAL DESCRIPTION: Configuration 140A/B Orbiter OMS Nozzles

MODEL SCALE: 0.015 MODEL DRAWING: SS-000147  
RELEASE 5 (Contour)

DRAWING NUMBER: VL70-000145, (location)

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NUMBER	_____	_____
Length- In.		
Gimbal Point to Exit Plane	_____	_____
Throat to Exit Plane	_____	_____
Diameter - In.		
Exit	_____	_____
Throat	_____	_____
Inlet	_____	_____
Area - ft <sup>2</sup>		
Exit	_____	_____
Throat	_____	_____
Gimbal Point (Station) - In.		
Left Nozzle		
X <sub>0</sub>	<u>1518.0</u>	<u>22.770</u>
Y <sub>0</sub>	<u>-88.0</u>	<u>-1.320</u>
Z <sub>0</sub>	<u>490.2</u>	<u>7.380</u>
Right Nozzle		
X	<u>1518.0</u>	<u>22.770</u>
Y	<u>+88.0</u>	<u>+1.320</u>
Z	<u>492.0</u>	<u>7.380</u>
Null Position - Deg.		
Left Nozzle		
Pitch	<u>15°49'</u>	<u>15°49'</u>
Yaw	<u>12°17'</u>	<u>12°17'</u>
Right Nozzle		
Pitch	<u>15°49'</u>	<u>15°49'</u>
Yaw	<u>12°17'</u>	<u>12°17'</u>

TABLE III-Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT RUDDER - R<sub>5</sub>

GENERAL DESCRIPTION 2A, 3, 3A, and 140A/B Configurations

---

MODEL SCALE: 0.015                      MODEL DRAWING: SS-A00148

DRAWING NUMBER VL70-000146A, VL70-000095, V170-000139

DIMENSIONS	FULL SCALE	MODEL SCALE
* Area Ft <sup>2</sup>	<u>100.15</u>	<u>0.0225</u>
Span (equivalent) - In.	<u>201.0</u>	<u>3.015</u>
Inb'd equivalent chord - In.	<u>91.585</u>	<u>1.3738</u>
Outb'd equivalent chord - In.	<u>50.833</u>	<u>0.7625</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Trailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line)	<u>610.92</u>	<u>0.002</u>
Mean Aerodynamic Chord, - In.	<u>73.2</u>	<u>1.098</u>



**TABLE III (Continued)**  
**MODEL DIMENSIONAL DATA - Continued**

MODEL COMPONENT : VERTICAL - V8

GENERAL DESCRIPTION : Configuration 140A/B Orbiter Vertical Tail

MODEL SCALE: 0.015                      DRAWING NUMBER: SS-A00148,

RELEASE 6

DRAWING NUMBER VL70-000146A

DIMENSIONS:                                      FULL SCALE    MODEL SCALE

TOTAL DATA

Area (Theo) - Ft <sup>2</sup> Planform	<u>413.253</u>	<u>0.093</u>
Span (Theo) - In.	<u>315.720</u>	<u>4.736</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep-Back Angles, Degrees.		
Leading Edge	<u>45.000</u>	<u>45.000</u>
*Trailing Edge	<u>26.2</u>	<u>26.2</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>

Chords:

Root (Theo) WP	<u>268.500</u>	<u>4.028</u>
Tip (Theo) WP	<u>108.470</u>	<u>1.627</u>
MAC	<u>199.808</u>	<u>2.997</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>21.953</u>
W.P. of .25 MAC	<u>635.522</u>	<u>9.533</u>
B.L. of .25 MAC	<u>0.00</u>	<u>0.00</u>

Airfoil Section

Leading Wedge Angle - Deg.	<u>10.00</u>	<u>10.00</u>
Trailing Wedge Angle - Deg.	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius	<u>2.00</u>	<u>0.030</u>

Void Area                                      13.17                      0.030

Blanketed Area                                      0.00                      0.00

TABLE III (Concluded)

MODEL COMPONENT: WING-W

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W<sub>114</sub> except airfoil thickness.

Dihedral angle is along trailing edge of wing.

MODEL SCALE: 0.015 MODEL DRAWING: SS-AC0148

DRAWING NUMBER: V70-30-906-01 (BCD)

DIMENSIONS:	FULL-SCALE	MODEL SCALE
<u>TOTAL DATA</u>		
Area (Theo) Ft <sup>2</sup>	2690.00	0.605
Planform		
Wetted		
Span (equivalent) (Theo) In.	936.68	14.050
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	+3.000	+3.000
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Wing Sta. 0.0) (Theo) B.P.0.0.	689.24	10.339
Tip, (equivalent) (Theo) B.P.	137.85	2.068
MAC	474.81	7.122
Fus. Sta. of .25 MAC	1136.83	17.052
W.P. of .25 MAC	290.58	4.359
B.L. of .25 MAC	182.13	2.732
Airfoil Section		
Root		
Tip		
<u>EXPOSED DATA</u>		
Area Ft <sup>2</sup>	1751.50	0.394
Span, (equivalent) (Theo) In. BP103	720.68	10.810
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	8.431
Tip 1.00 $\frac{b}{z}$	137.85	2.068
MAC	392.83	5.892
Fus. Sta. of .25 MAC	1185.98	17.790
W.P. of .25 MAC	294.30	4.415
B.L. of .25 MAC	251.77	3.777

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

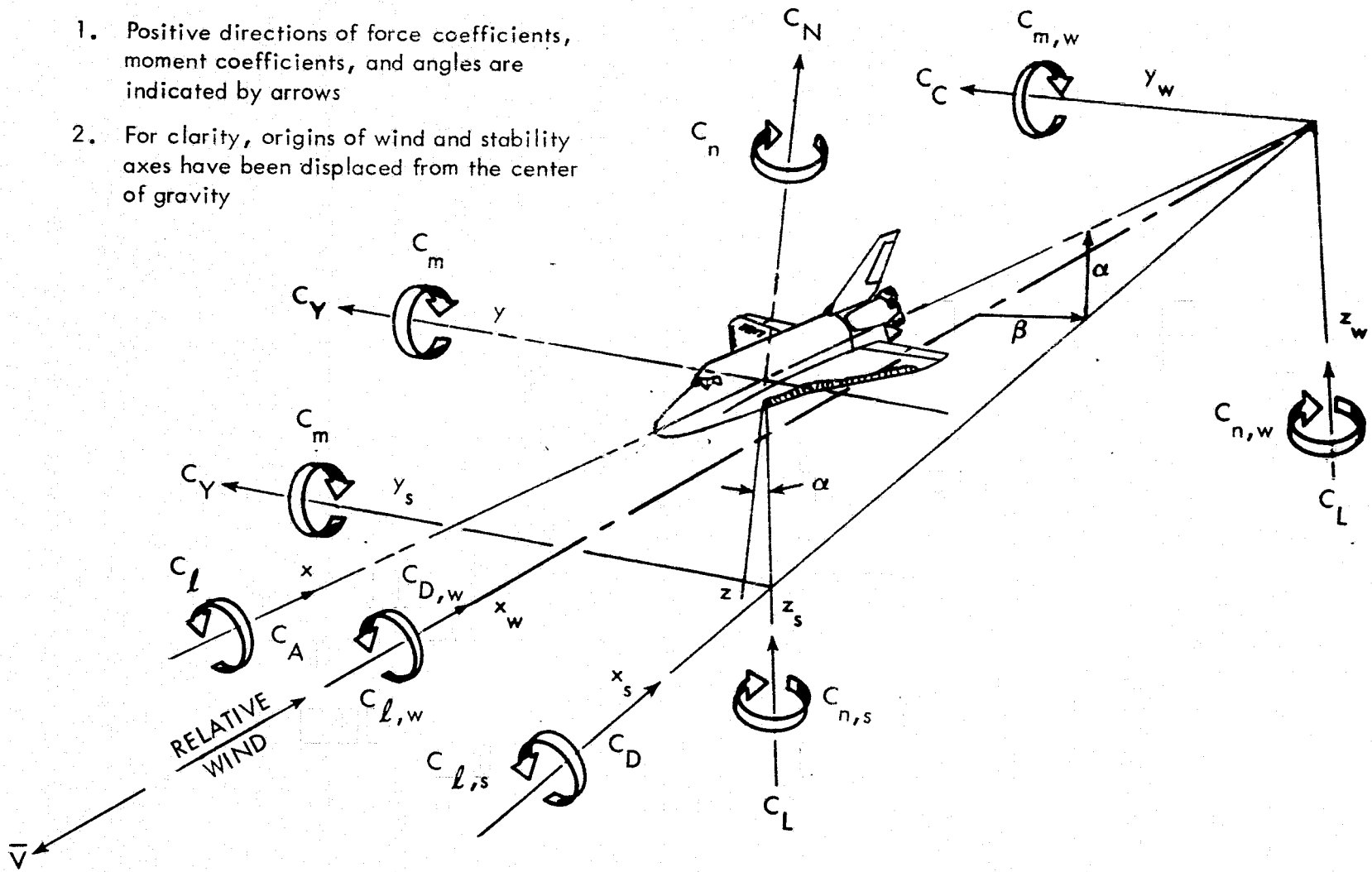
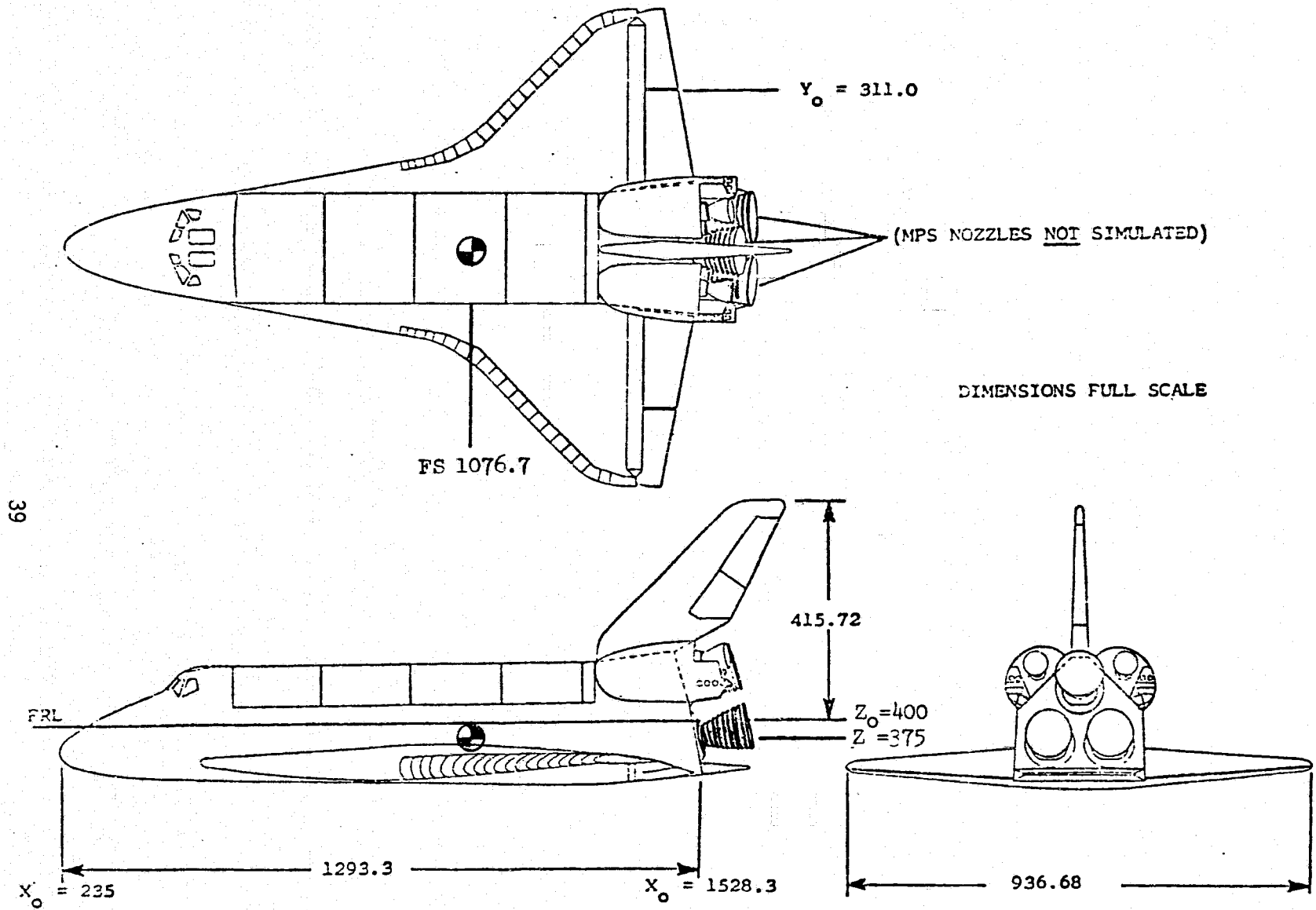


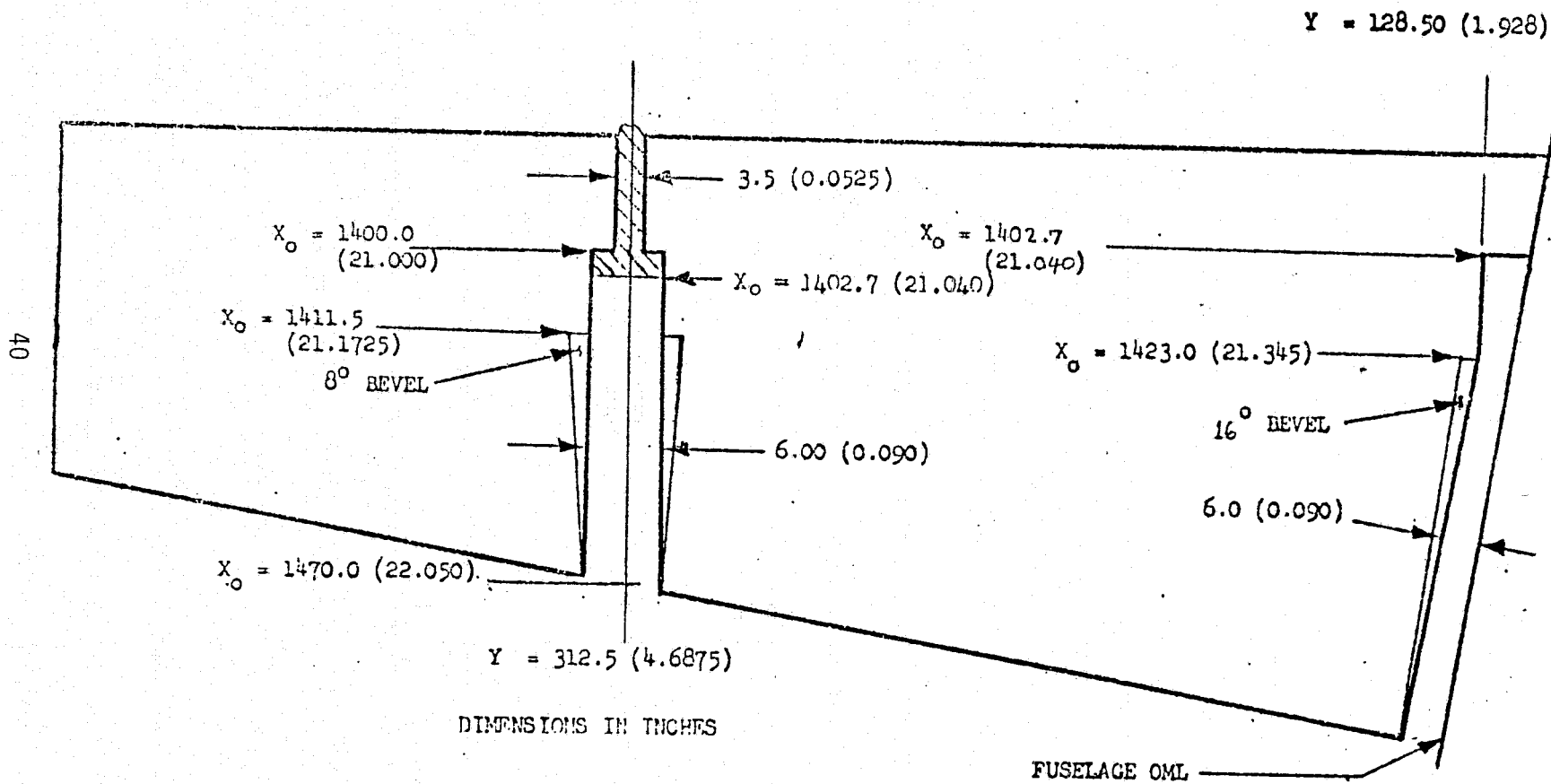
Figure 1. - Axis Systems.



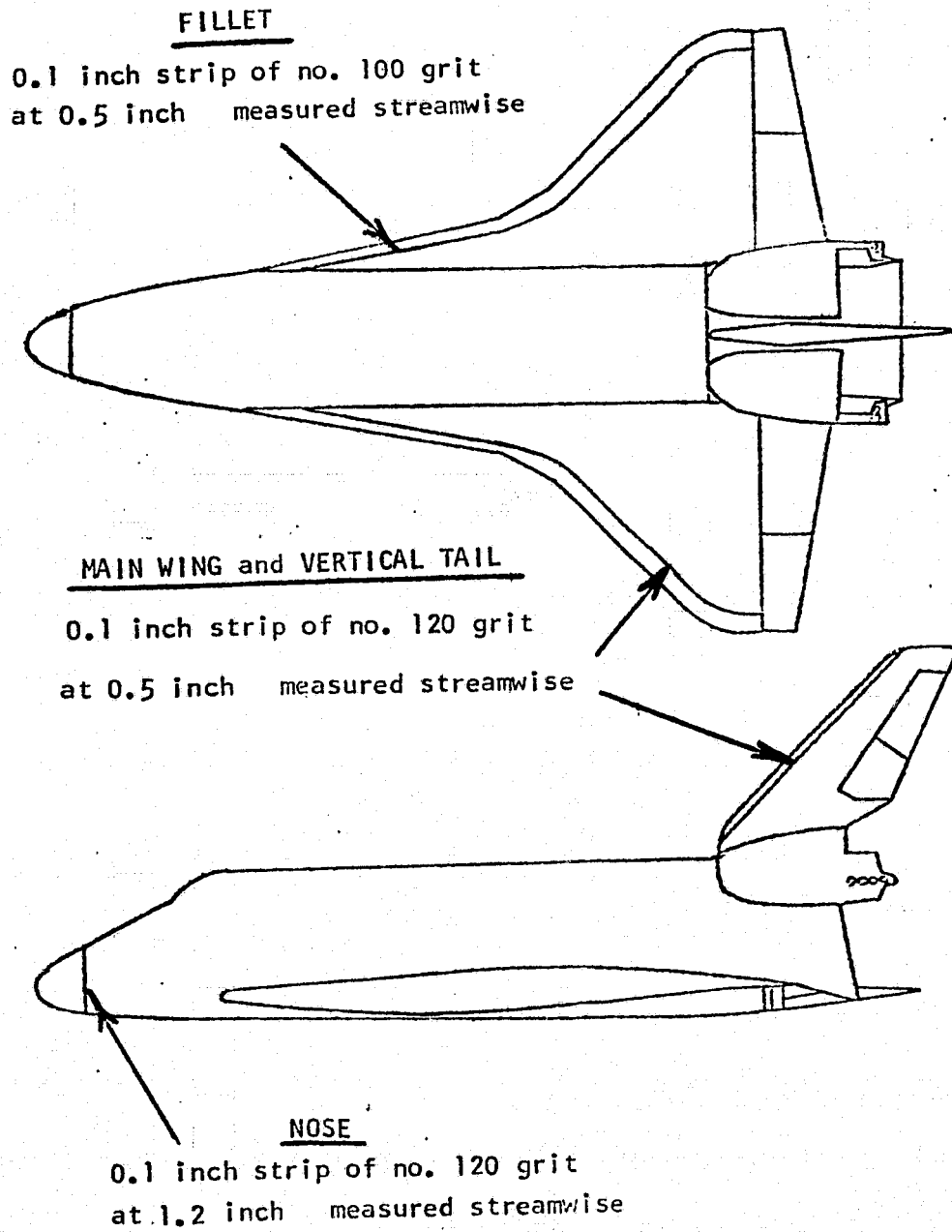
39

(a) SSV Orbiter Configuration

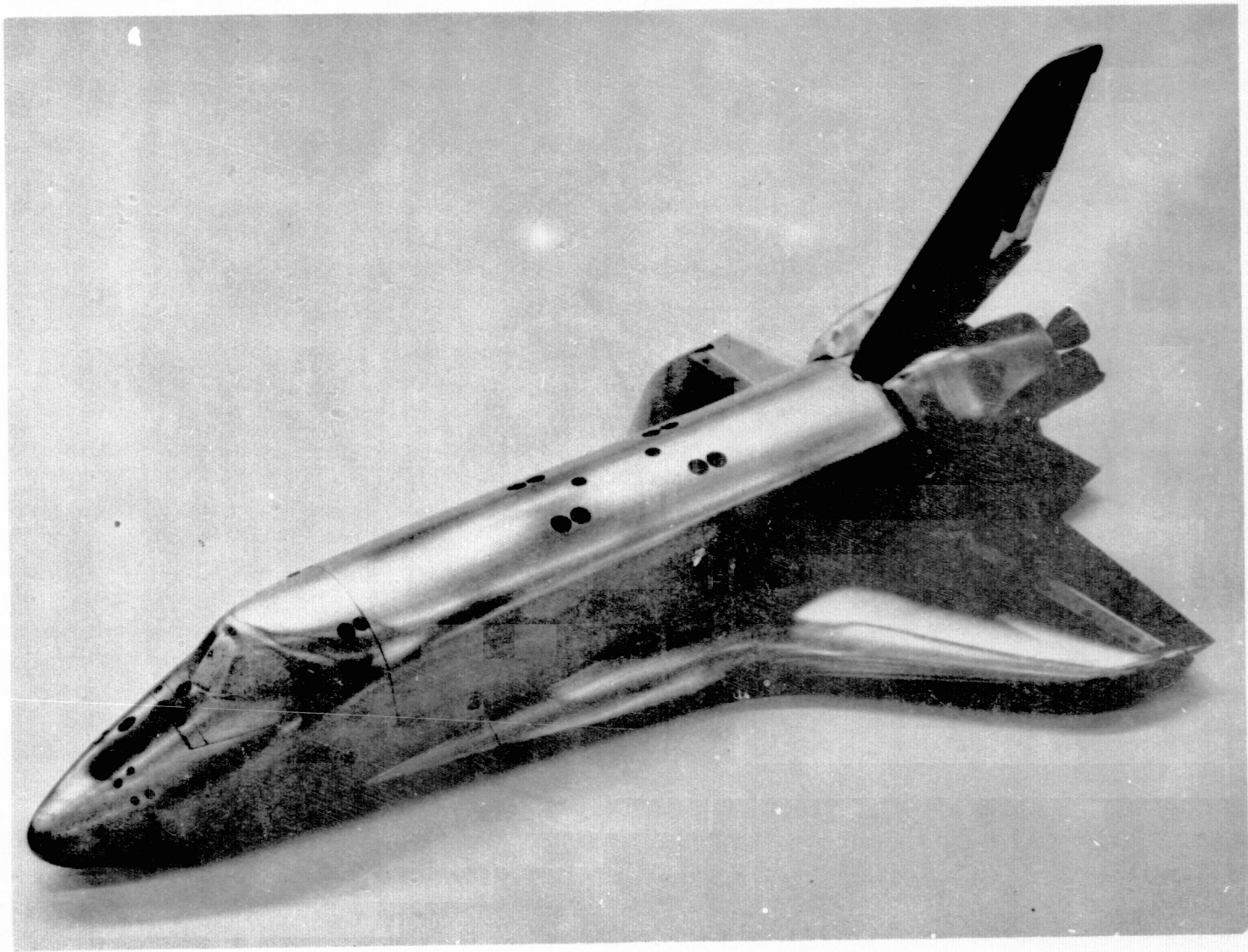
Figure 2. - Model sketches.



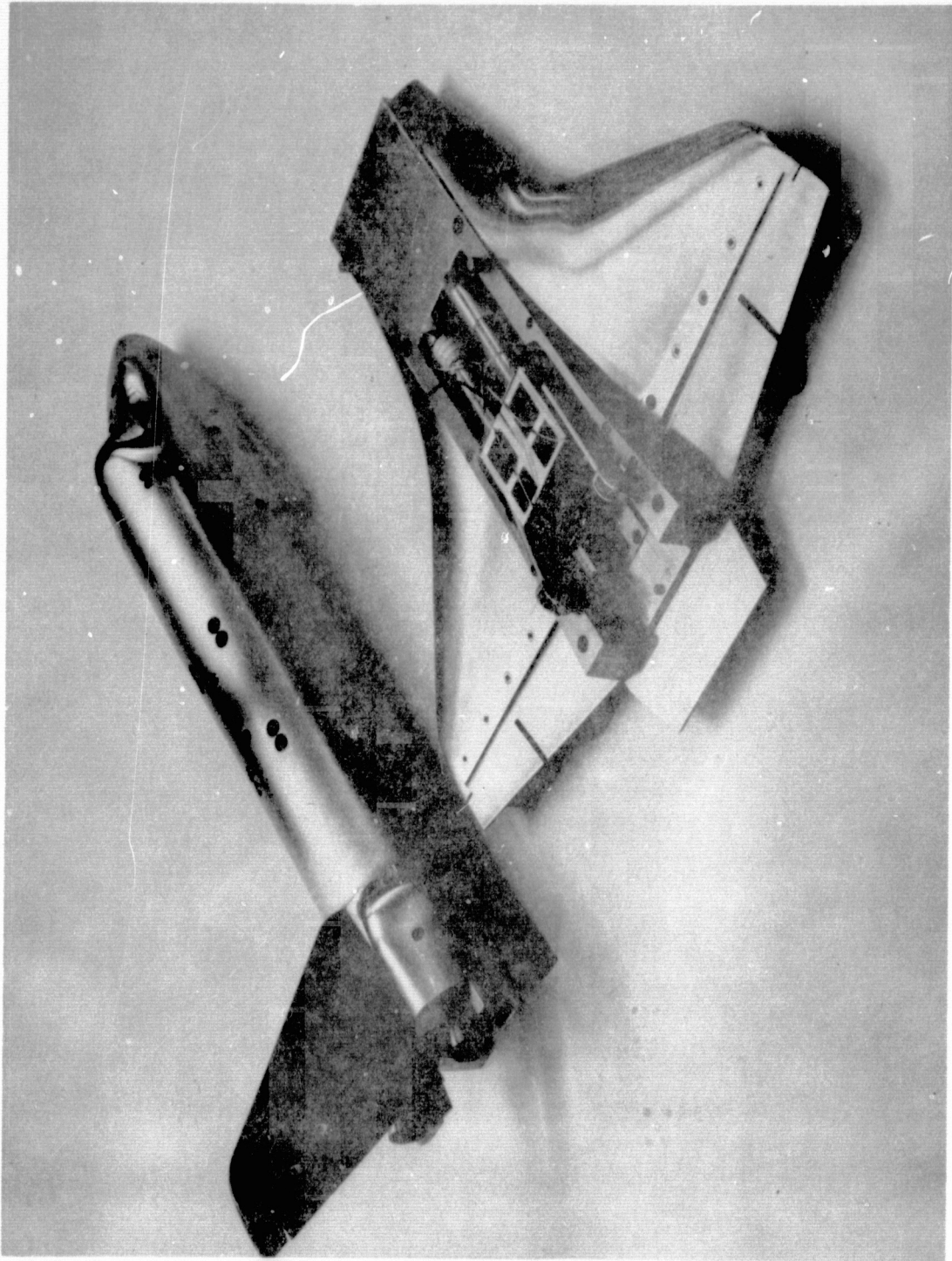
b. Slotted Elevon E<sub>43</sub> (6-inch gap)  
Figure 2. - Continued.



c. Position of Transition Grit Used in Investigation  
Figure 2. - Concluded.



a. Orbiter Configuration, Front, 3/4 View  
Figure 3. Model Photographs



b. Orbiter Configuration, Rear, 3/4 View  
Figure 3. Concluded.



DATA FIGURES

VOLUME 1 (pages 1 through 639)

VOLUME 2 (pages 640 through 850)

DATA SET SYMBOL

CONFIGURATION

ALPHA

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION	ALPHA	AILRON	ELEVON	SPDBRK
AJH073	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	6.000	.000	.000	25.000
AJH078	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	6.000	5.000	-10.000	25.000
AJH074	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	.000	.000	25.000
AJH079	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	5.000	-10.000	25.000

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

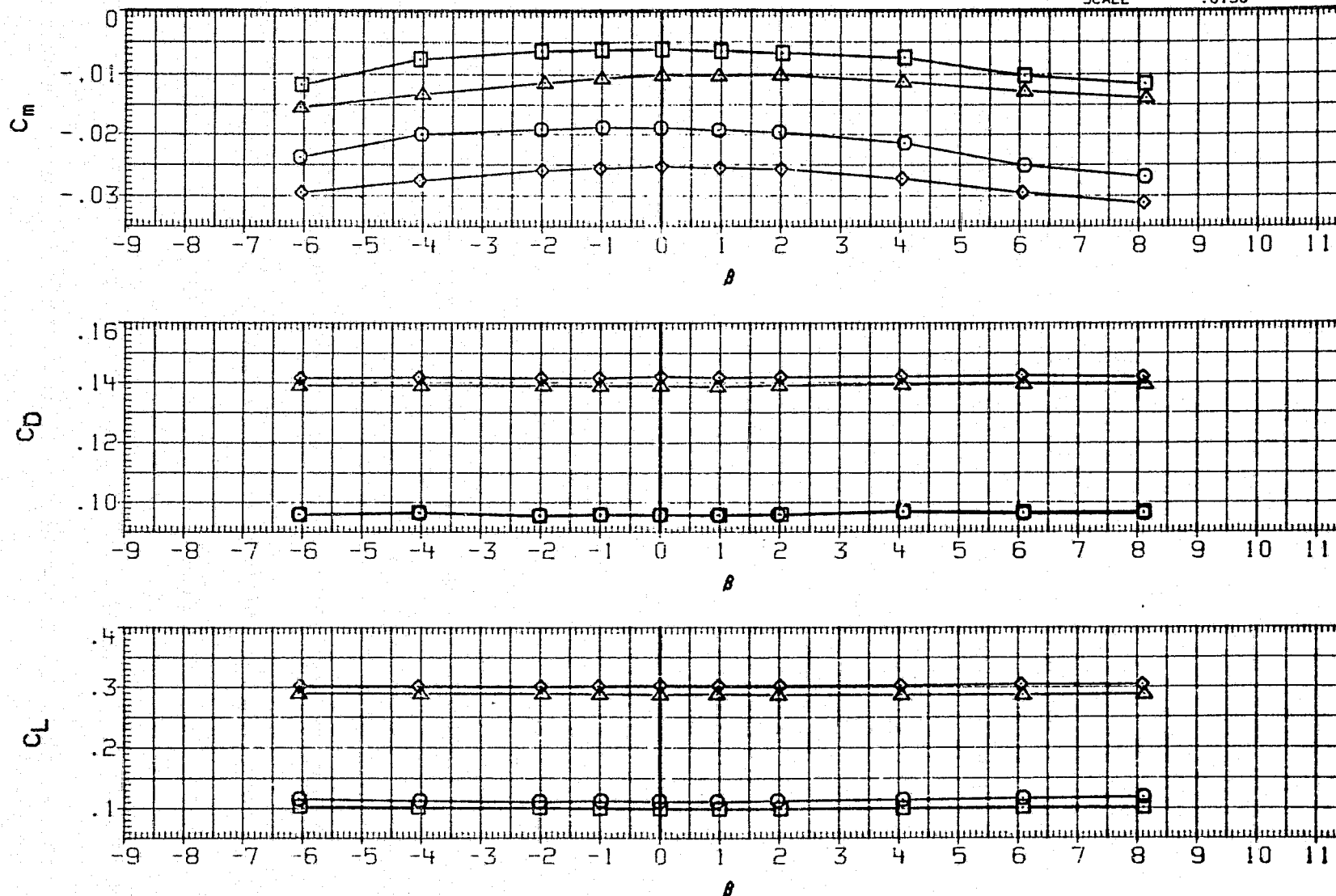


FIGURE 16(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON AND AILERON DEFLECTION ON YAW POLARS, SPEED BRAKE AT 25 DEG., ALPHA= 6 AND 12 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET SYMBOL	CONFIGURATION	ALPHA	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH073	○ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	6.000	.000	.000	25.000	SREF	2690.0000	SQ.FT.
AJH078	□ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	6.000	5.000	-10.000	25.000	LREF	474.8000	INCHES
AJH074	◇ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	.000	.000	25.000	BREF	936.6800	INCHES
AJH079	△ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. XO
						YMRP	.0000	IN. YO
						ZMRP	375.0000	IN. ZO
						SCALE	.0150	

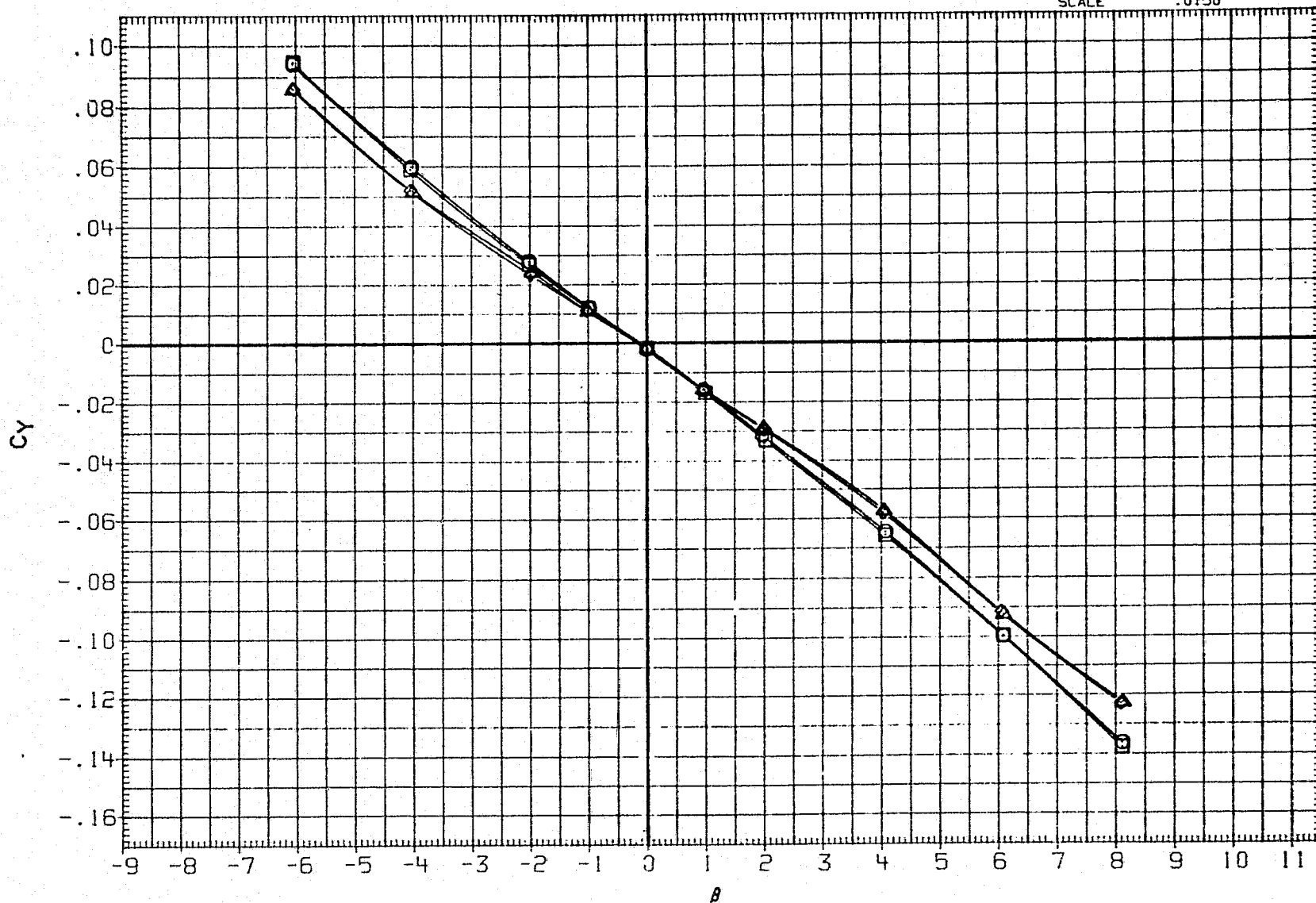


FIGURE 16(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON AND AILERON DEFLECTION ON YAW POLARS, SPEED BRAKE AT 25 DEG., ALPHA= 6 AND 12 DEG.

(A)MACH = 2.86

## DATA SET SYMBOL

## CONFIGURATION

ALPHA AILERON ELEVON SPDBRK

## REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION
AJH073	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH078	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH074	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH079	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	AILRON	ELEVON	SPDBRK
6.000	.000	.000	25.000
6.000	5.000	-10.000	25.000
12.000	.000	.000	25.000
12.000	5.000	-10.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	50.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

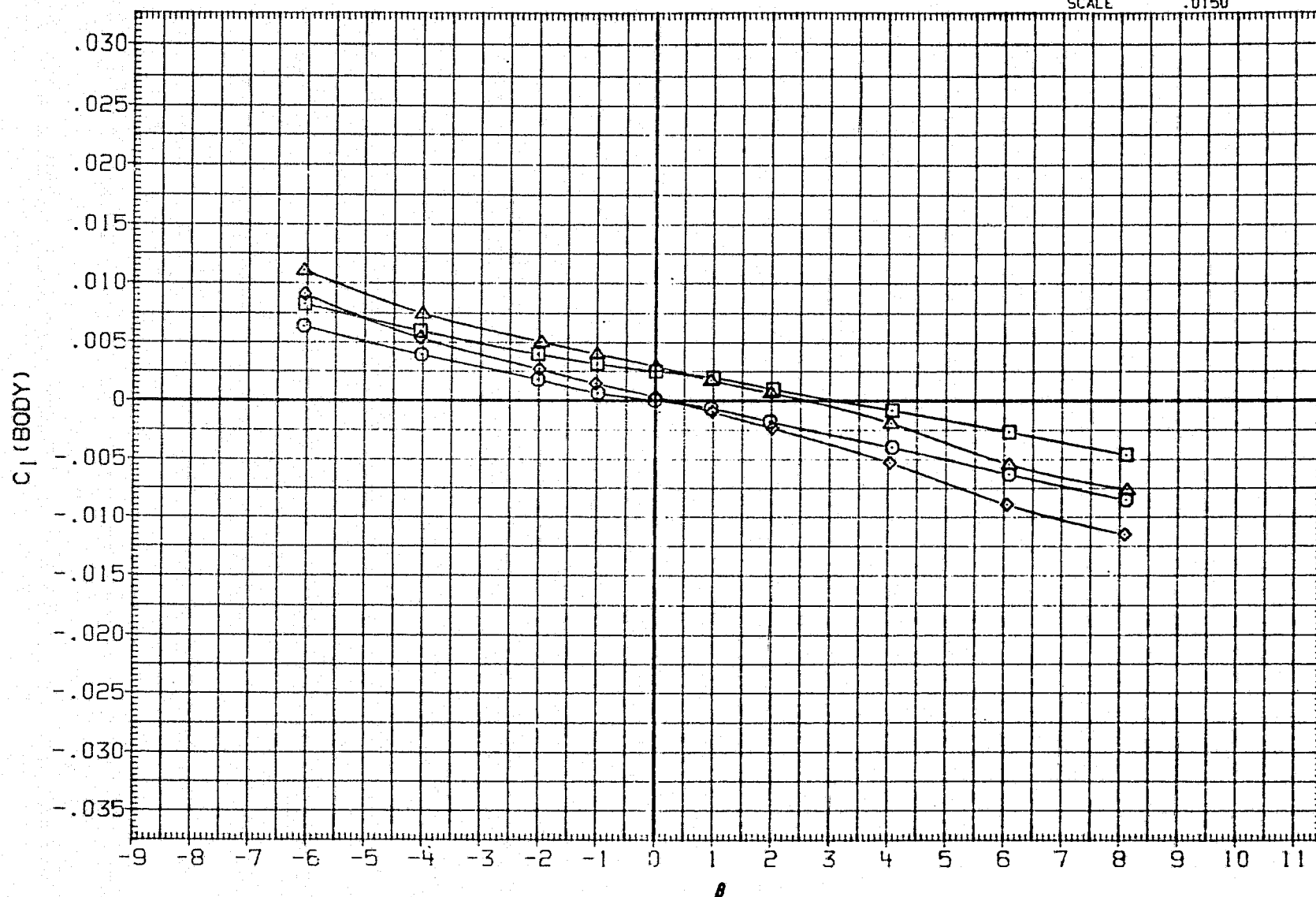


FIGURE 16(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON AND AILERON DEFLECTION ON YAW POLARS, SPEED BRAKE AT 25 DEG., ALPHA= 6 AND 12 DEG.

(A) MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	AILRON	ELEVON	SPDBRK
AJH073	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	.000	25.000
AJH078	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	5.000	-10.000	25.000
AJH074	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	.000	25.000
AJH079	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	5.000	-10.000	25.000

REFERENCE INFORMATION		
SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

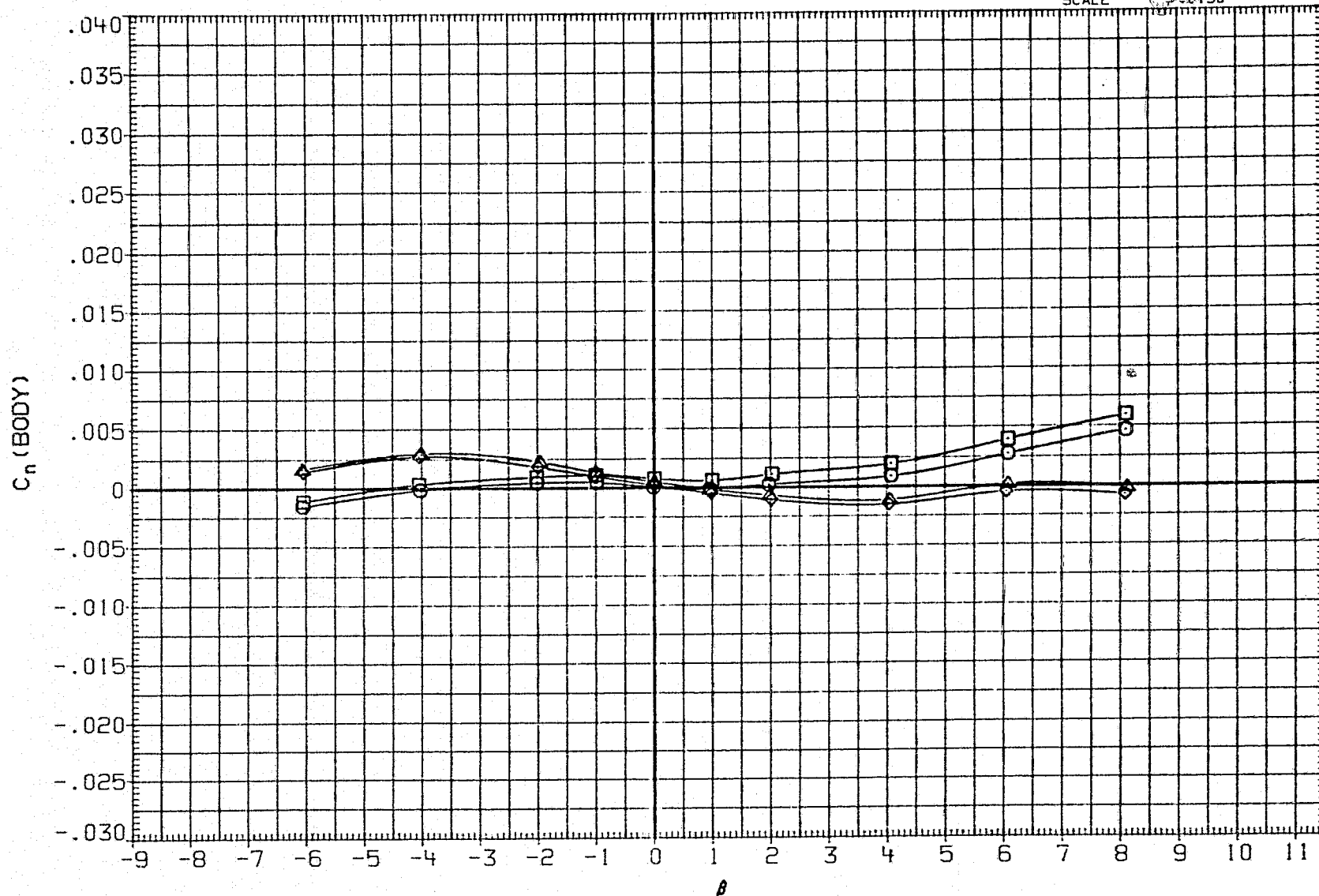


FIGURE 16(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON AND AILERON DEFLECTION ON YAW POLARS, SPEED BRAKE AT 25 DEG., ALPHA= 6 AND 12 DEG.

(A) MACH = 2.86

DATA SET SYMBOL

DATA SET SYMBOL	CONFIGURATION
AJH073	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W
AJH078	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W
AJH074	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W
AJH079	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

ALPHA	AILRON	ELEVON	SPDBRK
6.000	.000	.000	25.000
6.000	5.000	-10.000	25.000
12.000	.000	.000	25.000
12.000	5.000	-10.000	25.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

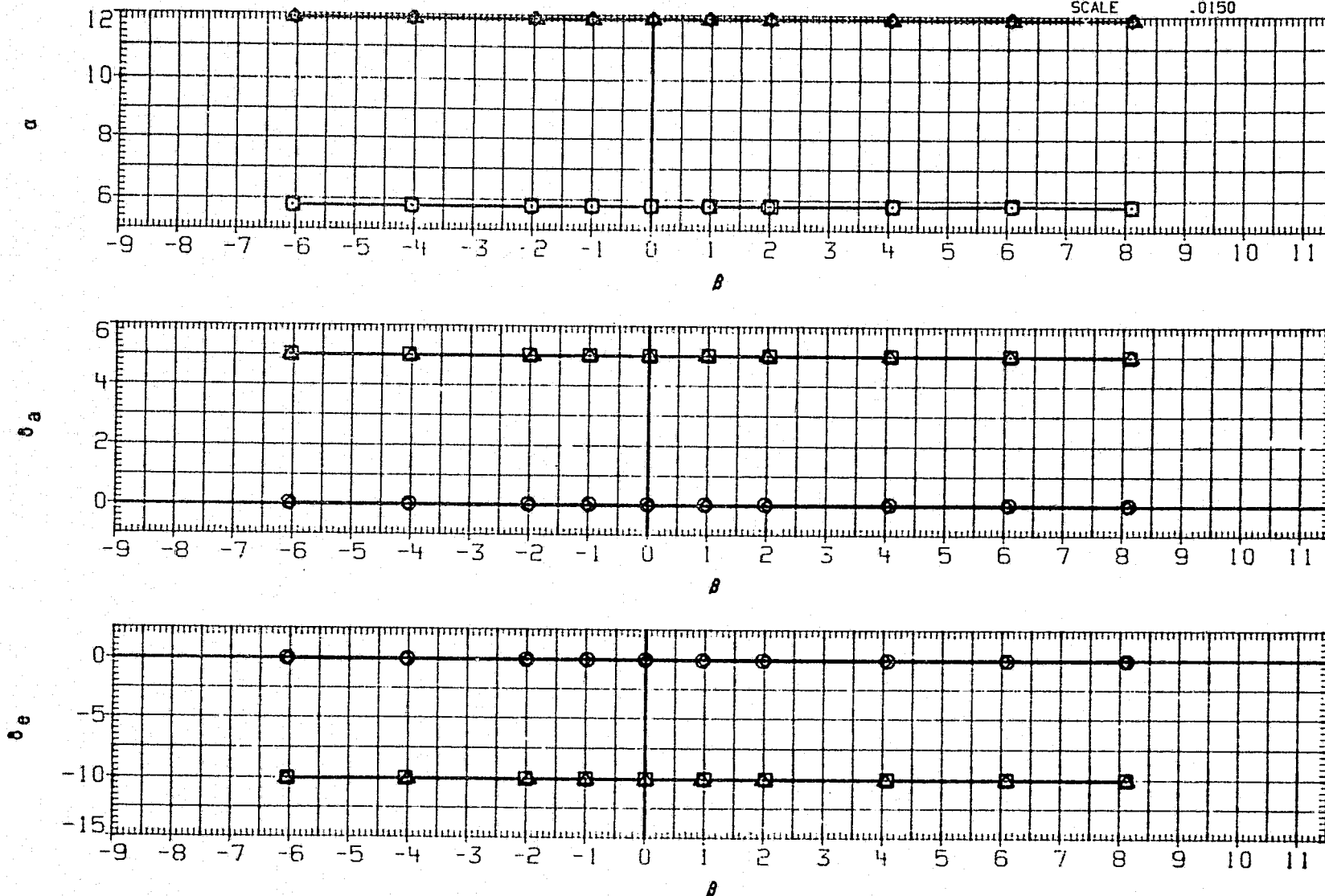


FIGURE 16(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON AND AILERON DEFLECTION ON YAW POLARS, SPEED BRAKE AT 25 DEG., ALPHA= 6 AND 12 DEG.

(A) MACH = 2.86

DATA SET SYMBOL		CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH075	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	25.000	SREF	2690.0000	SQ. FT.
AJH076	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	25.000	LREF	474.8000	INCHES
AJH080	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	25.000	BREF	936.6800	INCHES
AJH081	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. XO
AJH077	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	25.000	YMRP	.0000	IN. YO
AJH082	◻	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	25.000	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

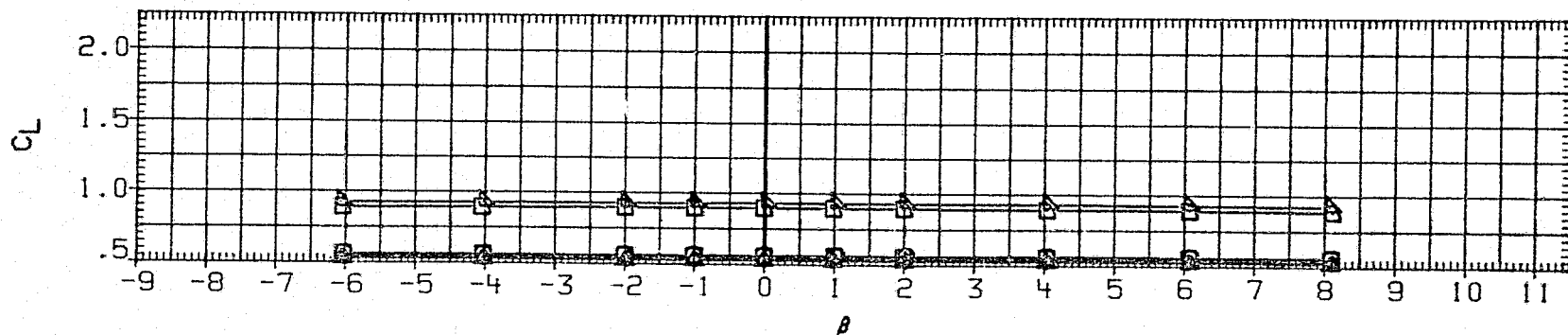
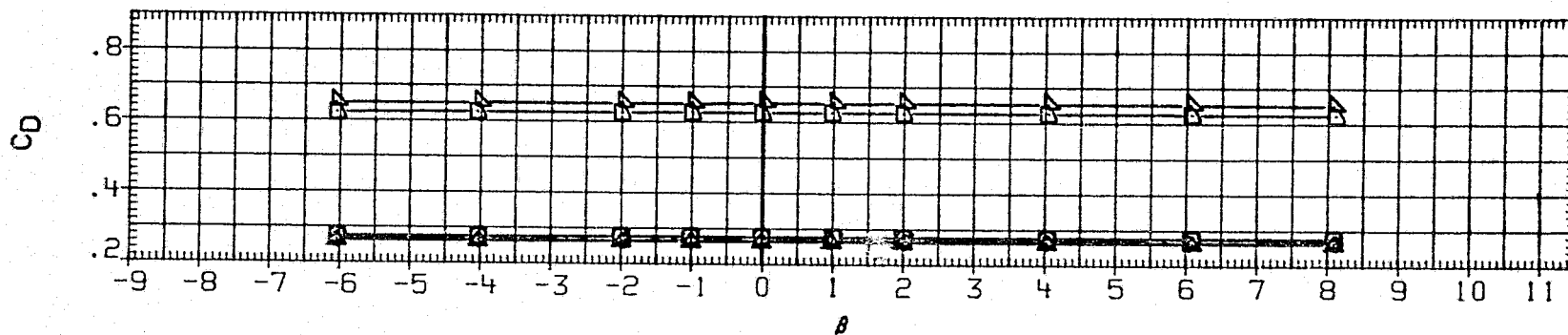
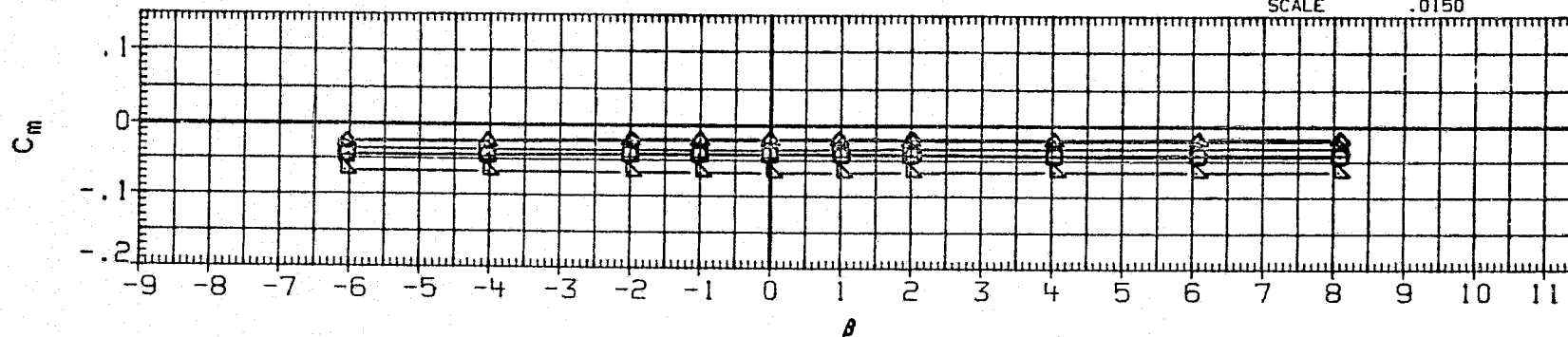


FIGURE 16(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 25 DEG.,ALPHA= 20 AND 30 DEG.  
 (A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH075	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	25.000	SREF	2690.0000	SQ. FT.
AJH076	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	25.000	LREF	474.8000	INCHES
AJH080	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	25.000	BREF	936.6800	INCHES
AJH081	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. XO
AJH077	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	25.000	YMRP	.0000	IN. YO
AJH082	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	25.000	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

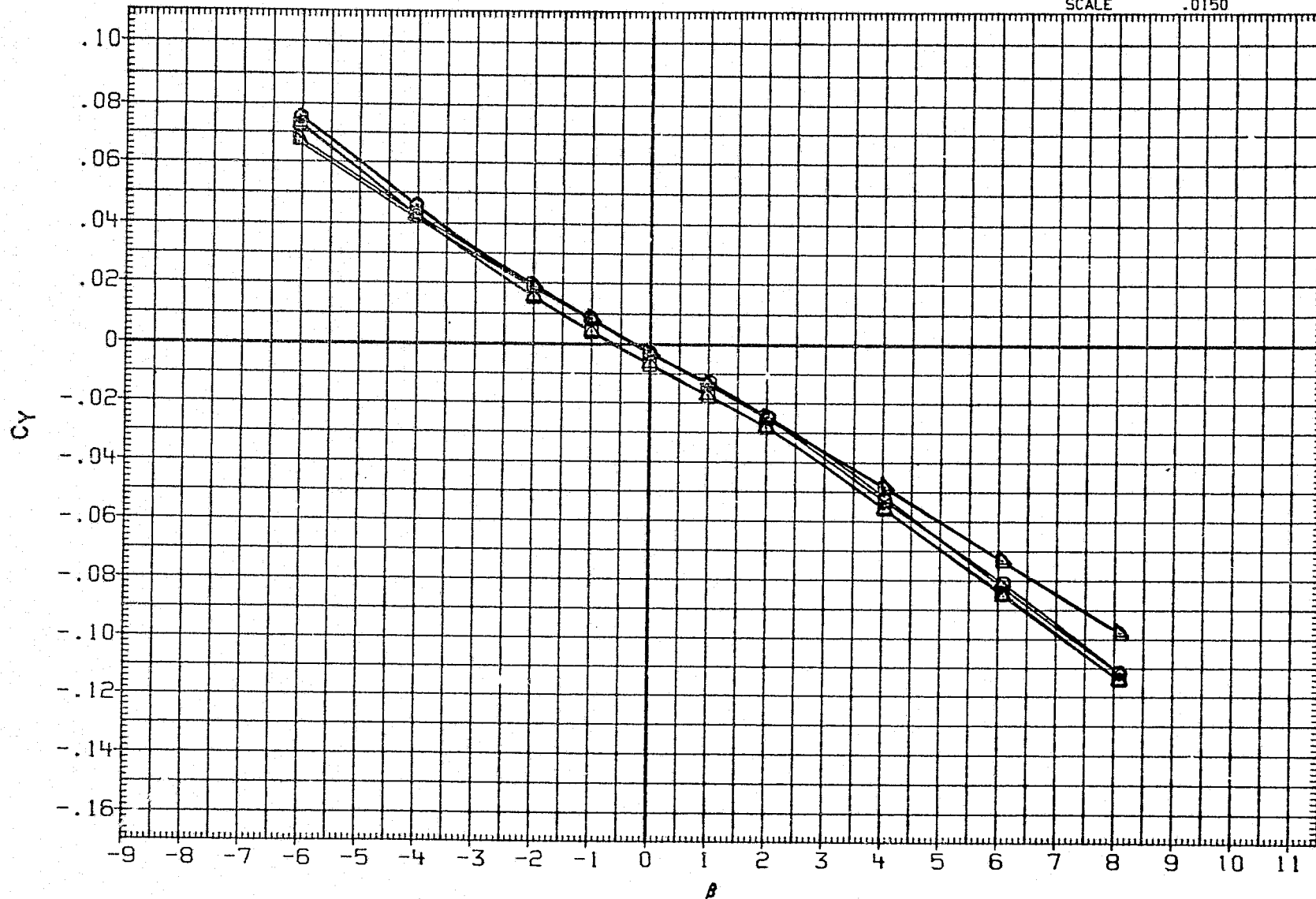


FIGURE 16(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 25 DEG.,ALPHA= 20 AND 30 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR



DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH075	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	25.000	SREF	2690.0000	SQ. FT.
AJH076	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	25.000	LREF	474.8000	INCHES
AJH080	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	25.000	BREF	936.6000	INCHES
AJH081	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. XO
AJH077	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	25.000	YMRP	.0000	IN. YO
AJH082	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	25.000	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

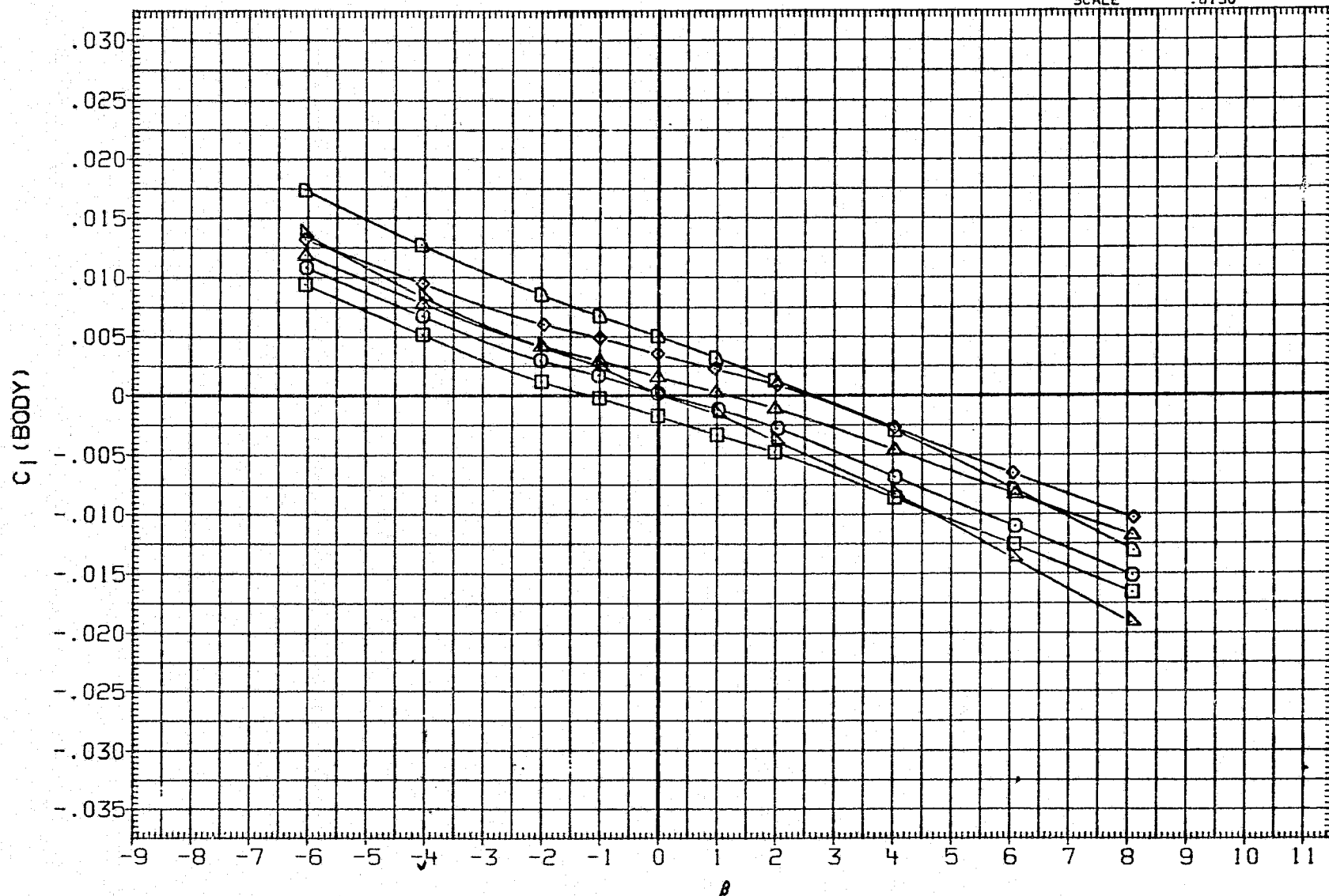


FIGURE 16(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 25 DEG.,ALPHA= 20 AND 30 DEG.

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH075	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	25.000	SREF	2690.0000	SQ.FT.
AJH076	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	25.000	LREF	474.8000	INCHES
AJH080	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	25.000	BREF	936.6800	INCHES
AJH081	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. X0
AJH077	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	25.000	YMRP	.0000	IN. Y0
AJH082	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	25.000	ZMRP	375.0000	IN. Z0
							SCALE	.0150	

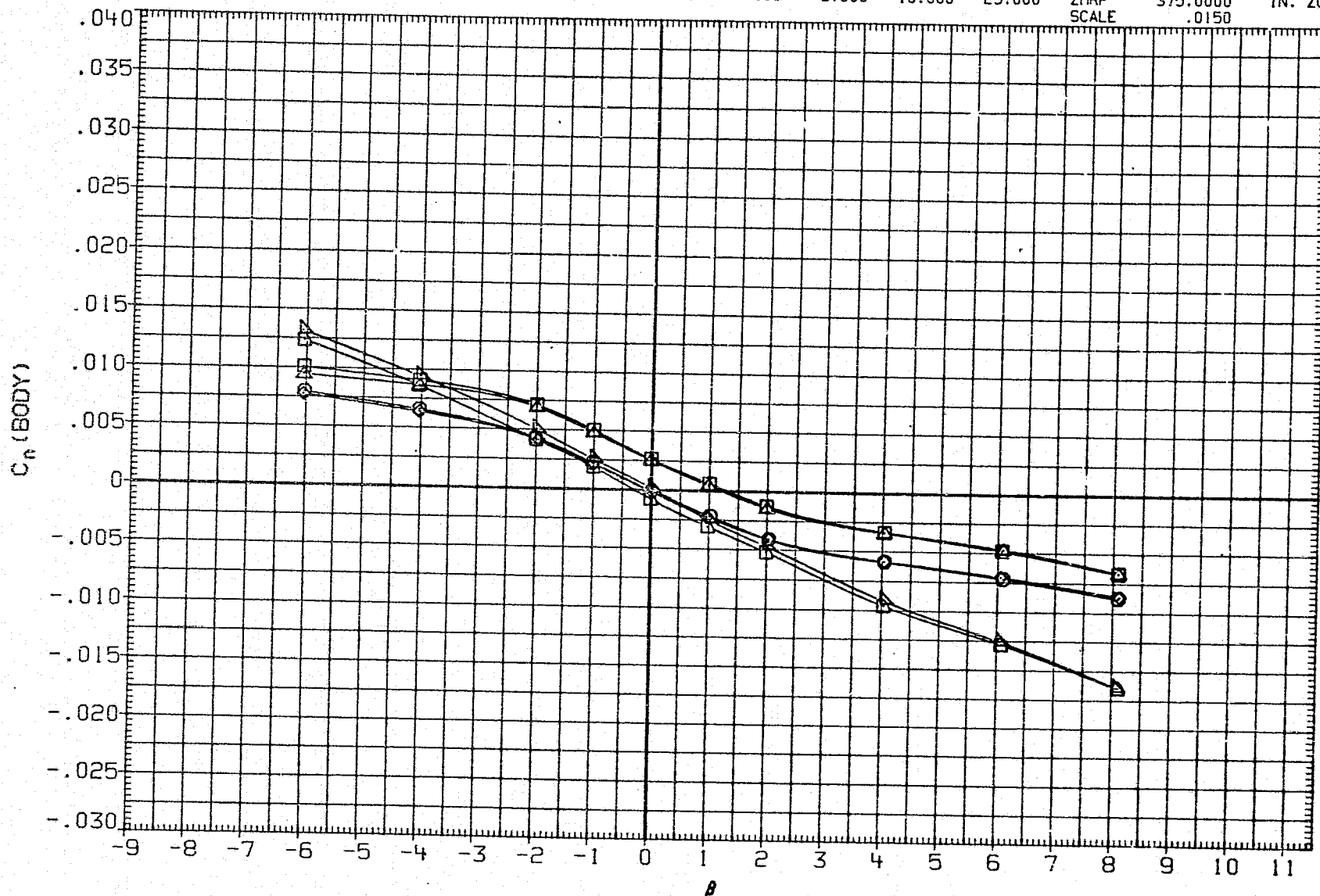


FIGURE 16(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 25 DEG.,ALPHA= 20 AND 30 DEG.

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRA	REFERENCE INFORMATION		
AJH075	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	25.000	SREF	2690.0000	SQ.FT.
AJH076	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	25.000	LREF	474.8000	INCHES
AJH080	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	25.000	BREF	936.6800	INCHES
AJH081	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	25.000	XMRP	1076.7000	IN. X0
AJH077	▽ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	25.000	YMRP	.0000	IN. Y0
AJH082	◊ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	25.000	ZMRP	375.0000	IN. Z0
							SCALE	.0150	

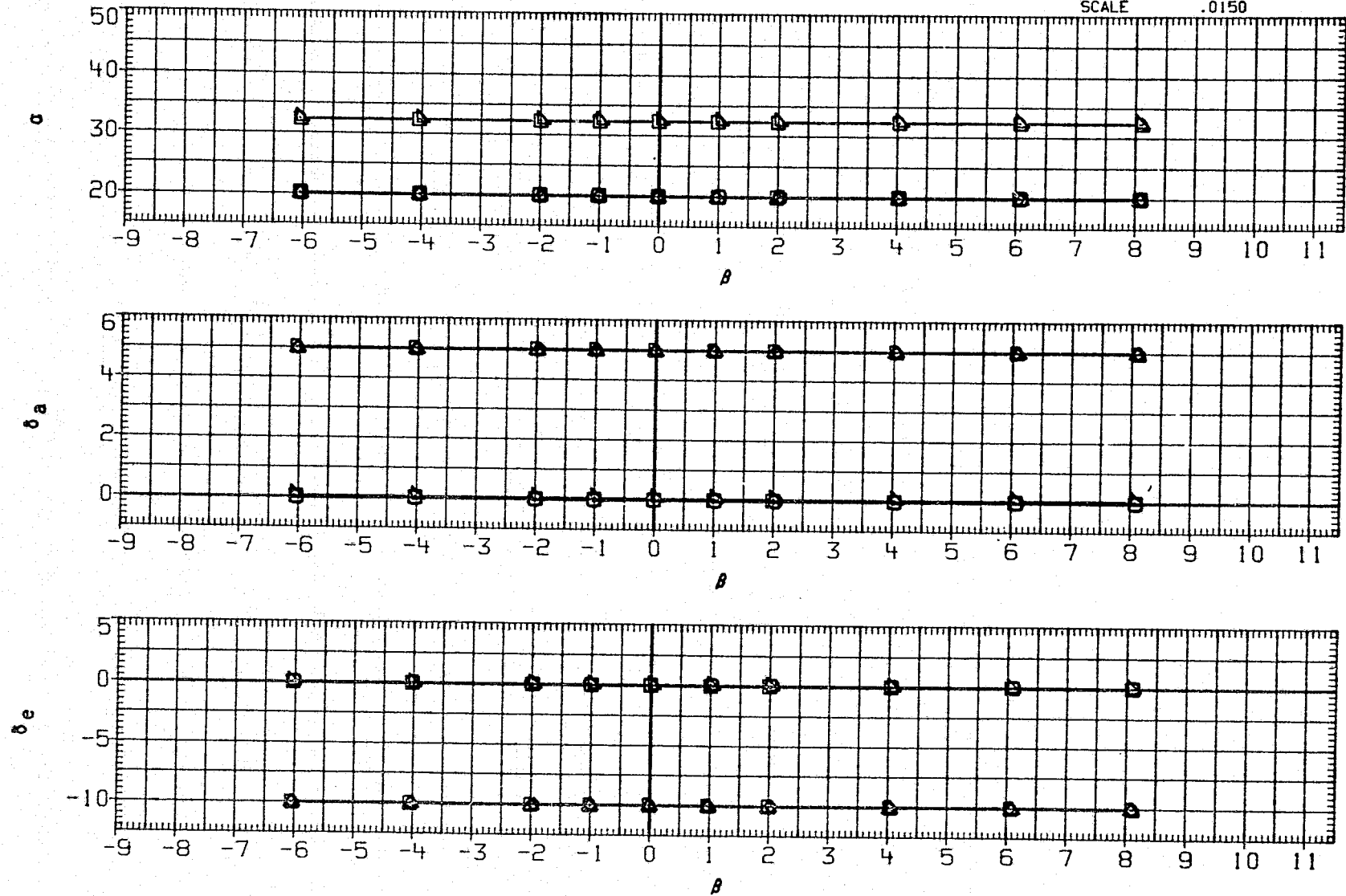


FIGURE 16(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 25 DEG.,ALPHA= 20 AND 30 DEG.

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	50.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

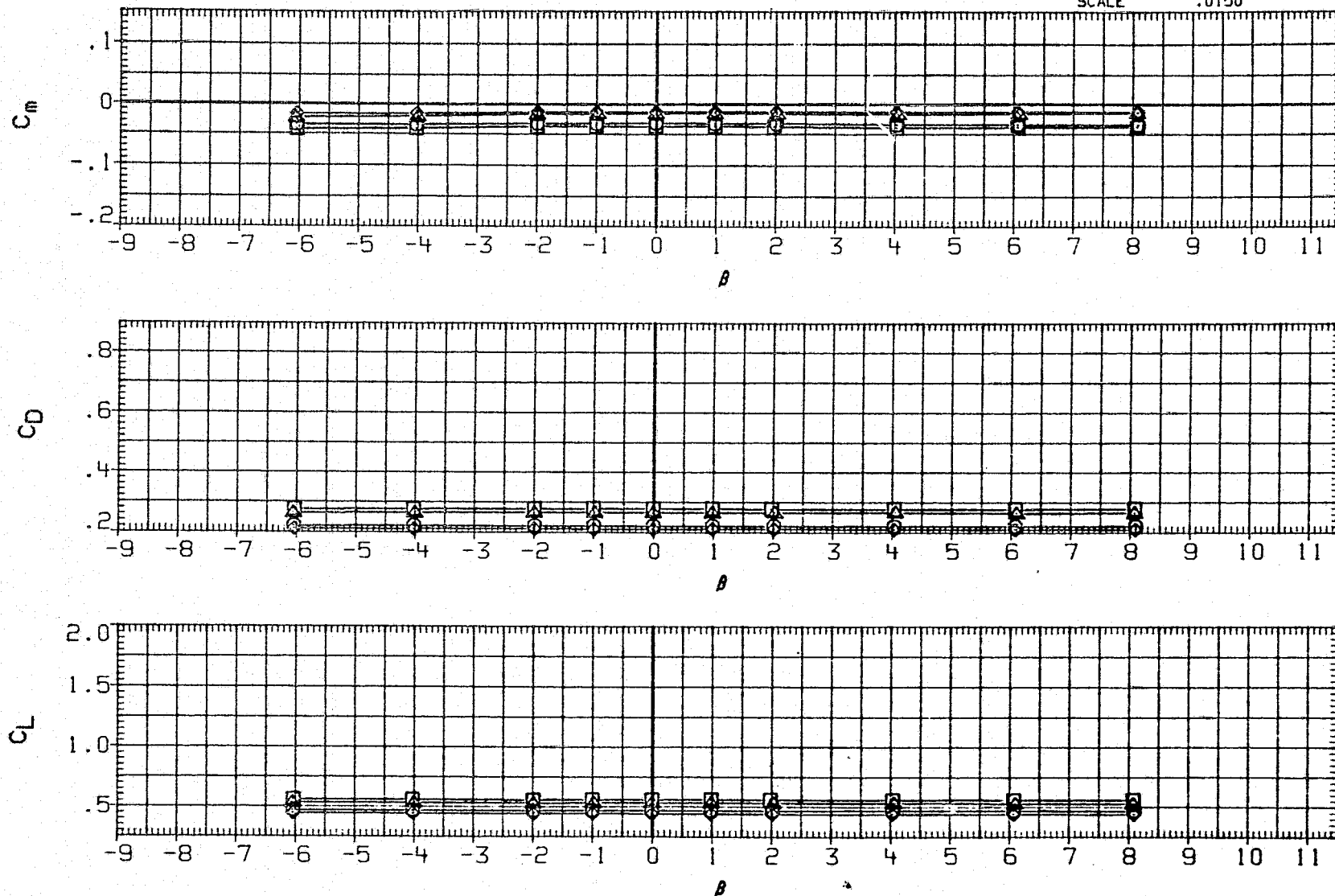


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	.000	.000	.000	39.700	SREF 2690.0000 SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	-10.000	.000	.000	39.700	LREF 474.8000 INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	.000	5.000	-10.000	39.700	BREF 936.6800 INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	-10.000	5.000	-10.000	39.700	XMRP 1076.7000 IN. XO YMRP .0000 IN. YO ZMRP 375.0000 IN. ZO SCALE .0150

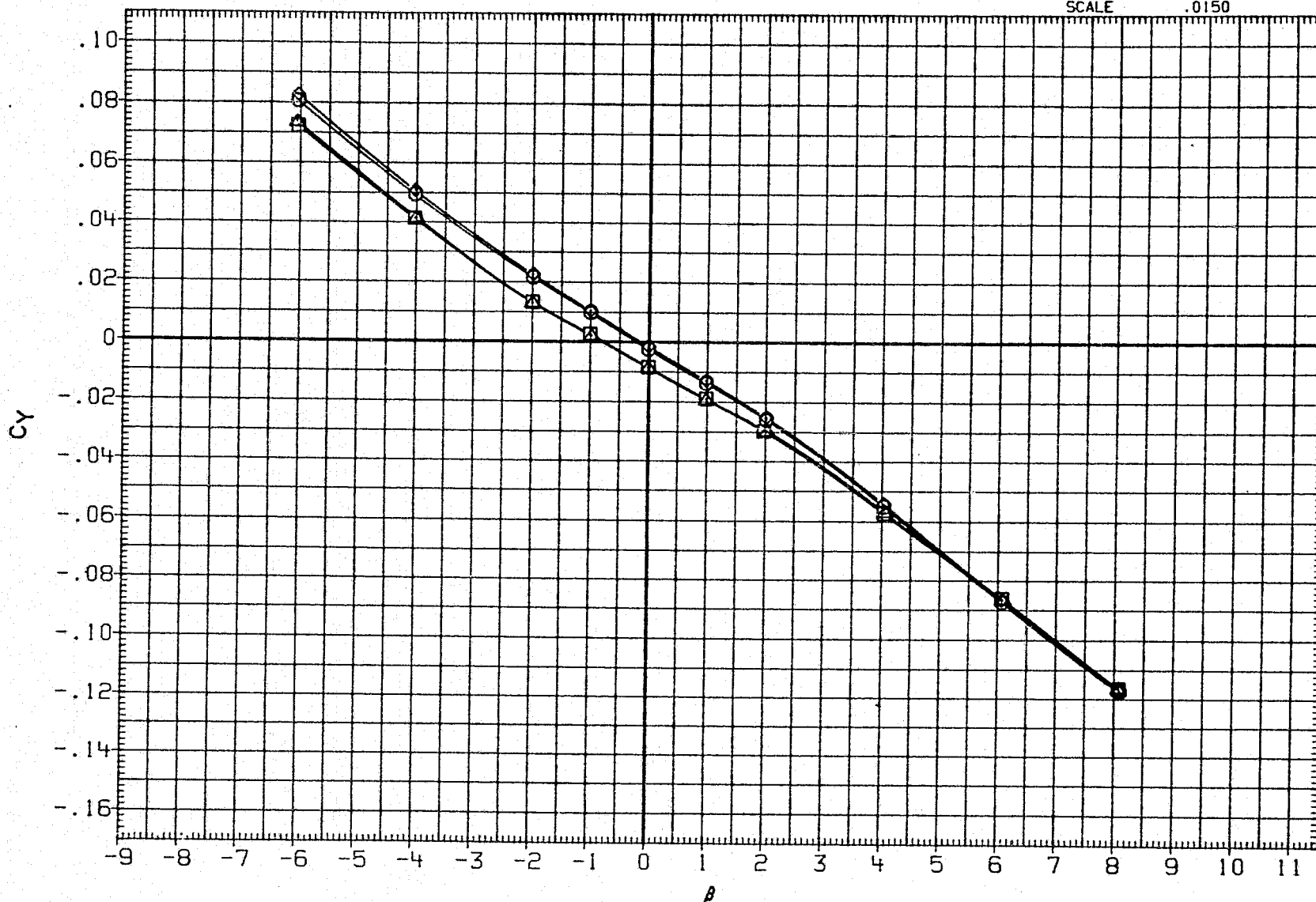


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	



FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION	
AJH083	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000 SQ.FT.
AJH085	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000 INCHES
AJH084	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800 INCHES
AJH086	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000 IN. XO
								YMRP	.0000 IN. YO
								ZMRP	375.0000 IN. ZO
								SCALE	.0150

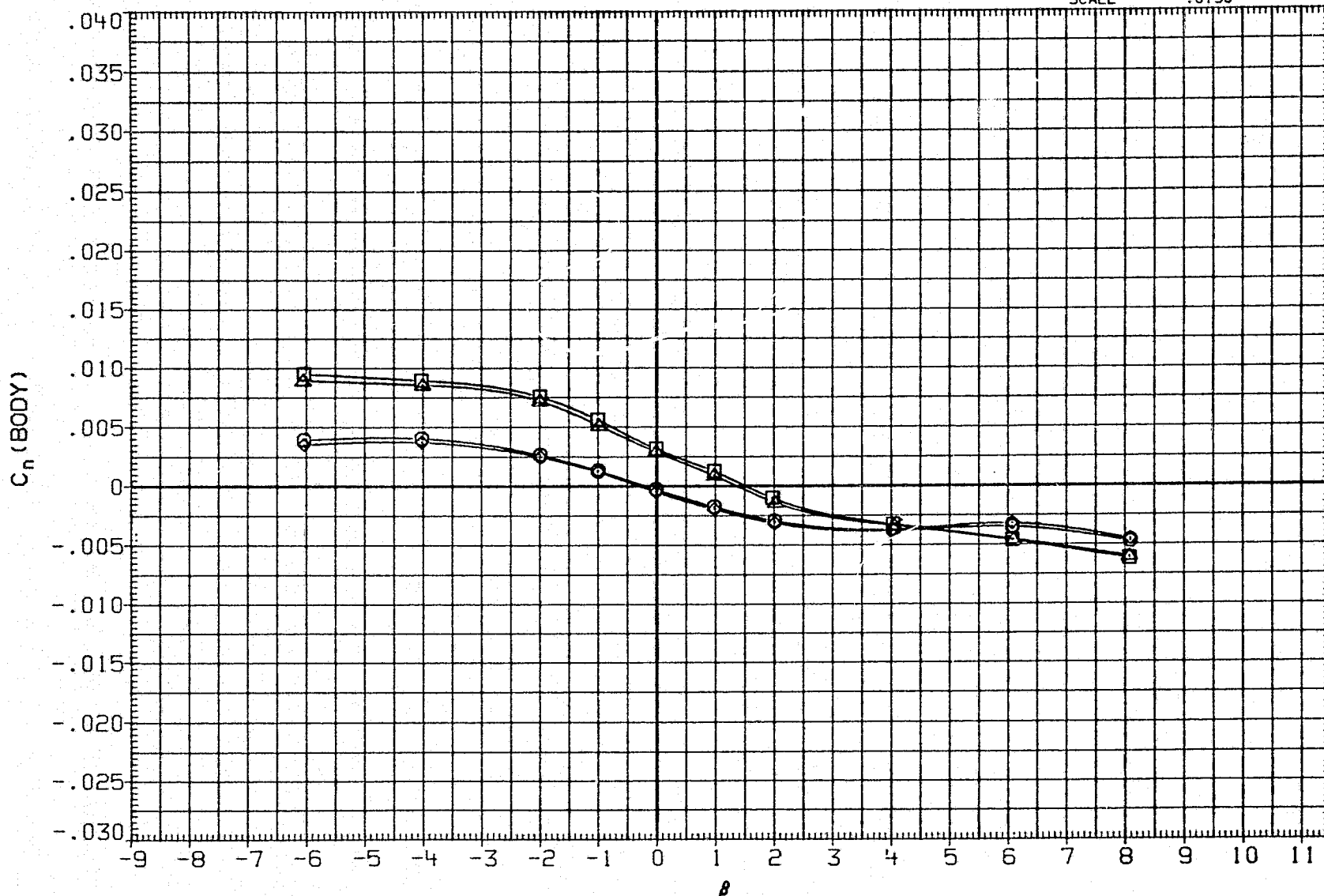


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

## DATA SET SYMBOL

## CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPEED BRAKE

## REFERENCE INFORMATION

AJH083	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH085	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH084	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH086	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

20.000	.000	.000	.000	39.700
20.000	-10.000	.000	.000	39.700
20.000	.000	5.000	-10.000	39.700
20.000	-10.000	5.000	-10.000	39.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

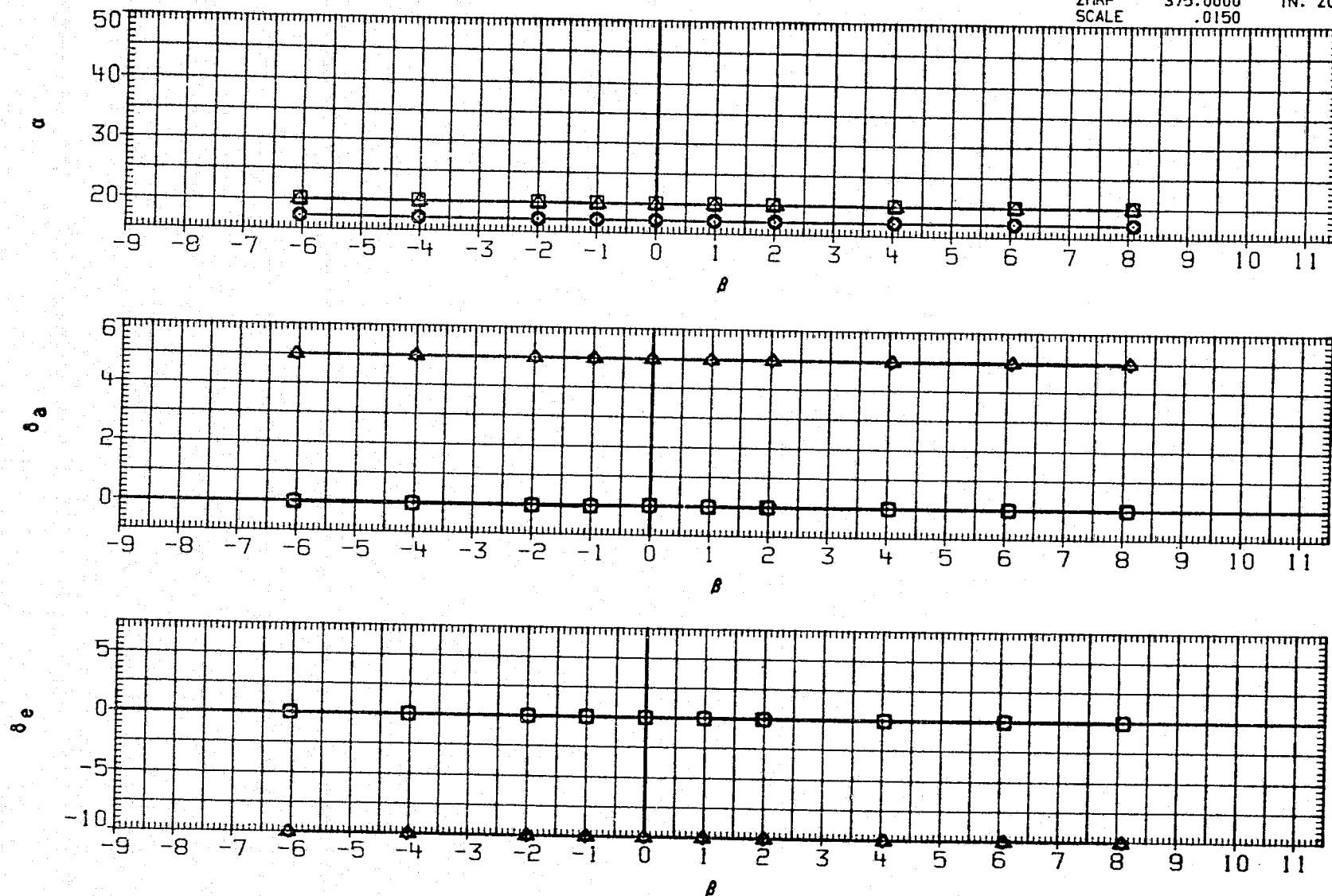


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF  
ORIGINAL PAGE IS POOR.



DATA SET SYMBOL

CONFIGURATION

AJH083	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH085	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH084	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH086	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	39.700
20.000	-10.000	.000	.000	39.700
20.000	.000	5.000	-10.000	39.700
20.000	-10.000	5.000	-10.000	39.700

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

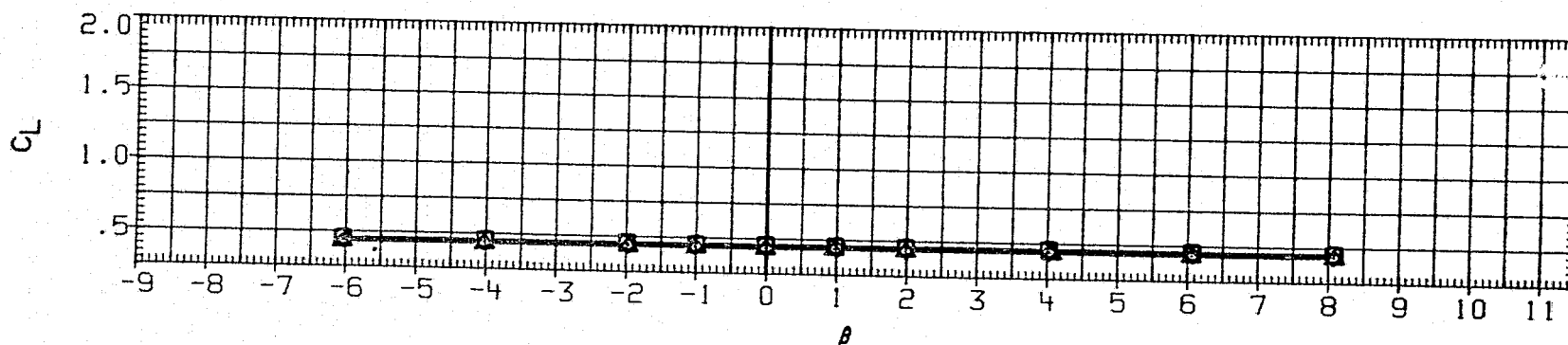
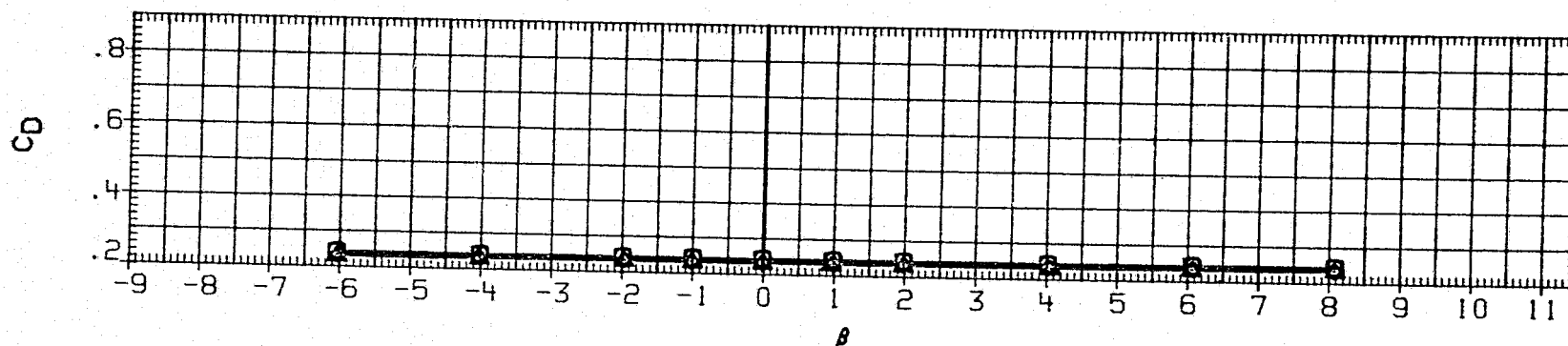
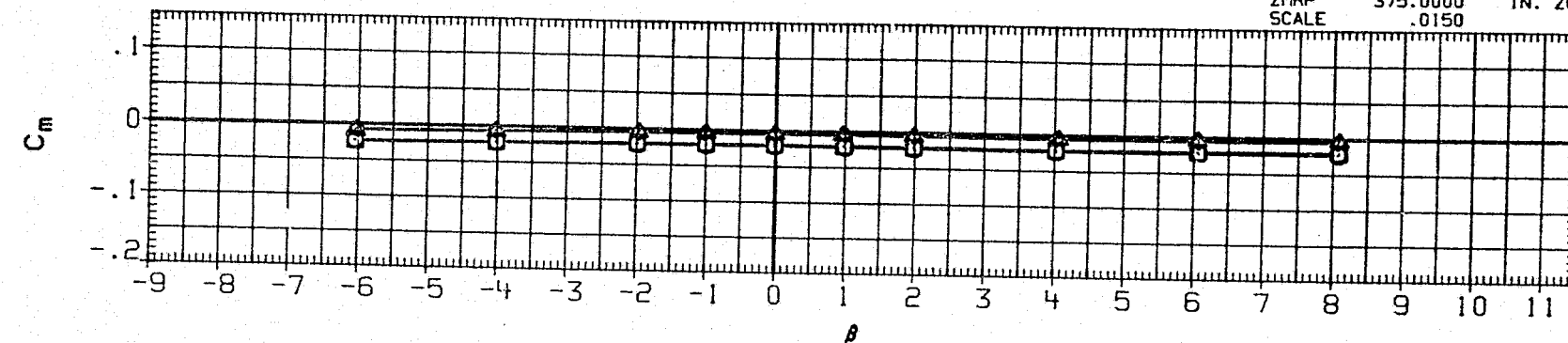


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

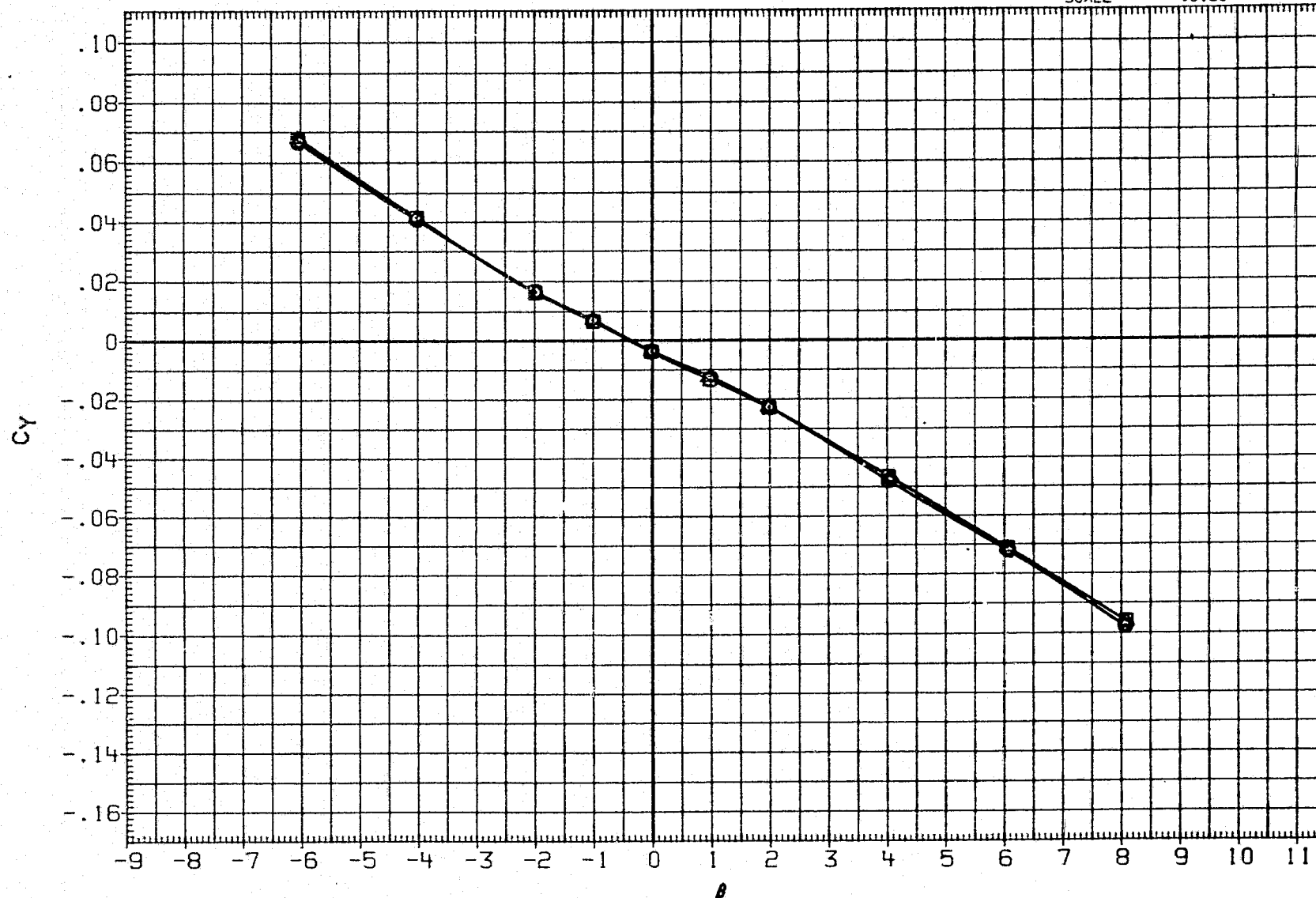


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF 2690.0000 SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF 474.8000 INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF 936.6800 INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP 1076.7000 IN. XO
							YMRP .0000 IN. YO
							ZMRP 375.0000 IN. ZO
							SCALE .0150

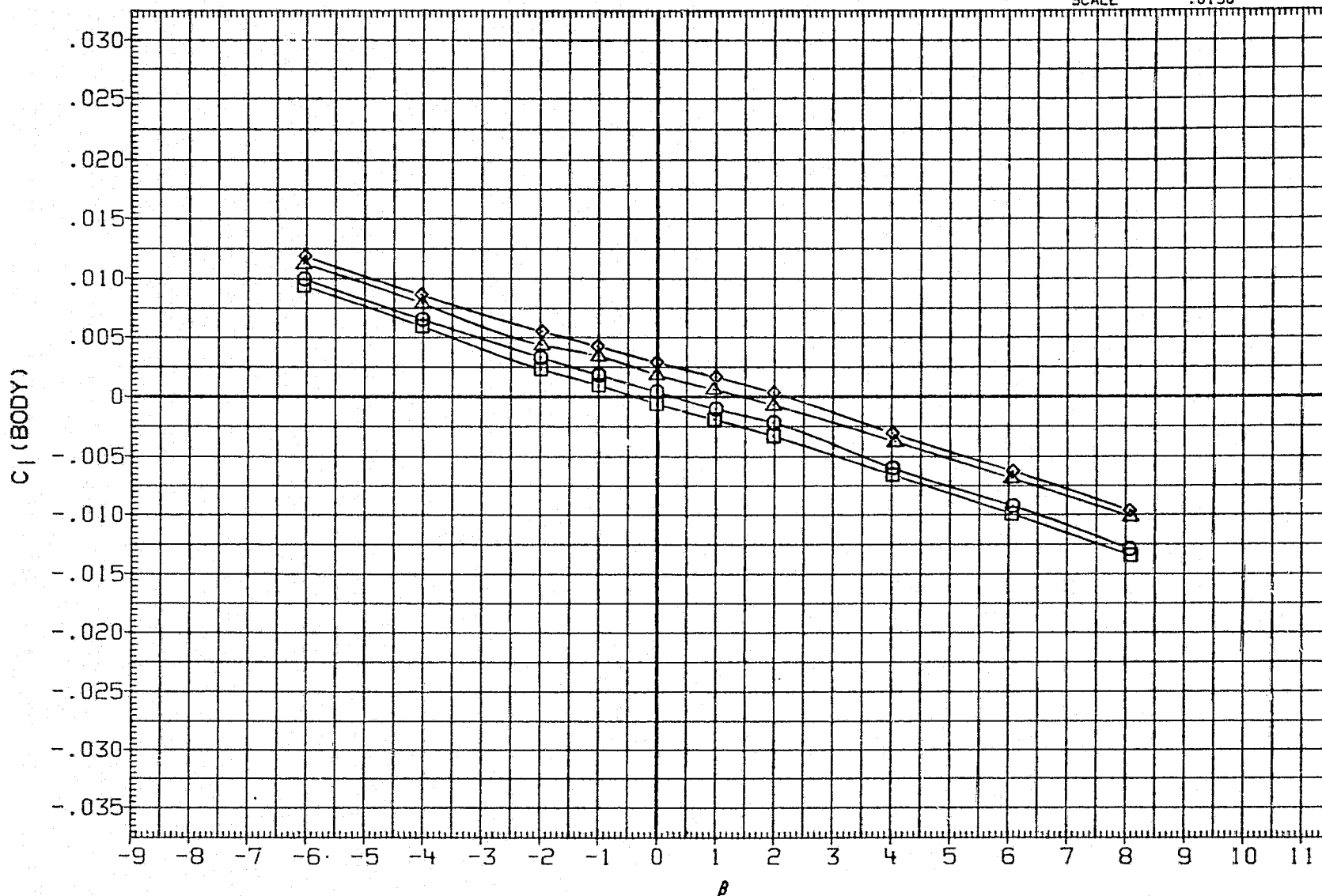


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDRBK
20.000	.000	.000	.000	39.700
20.000	-10.000	.000	.000	39.700
20.000	.000	5.000	-10.000	39.700
20.000	-10.000	5.000	-10.000	39.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

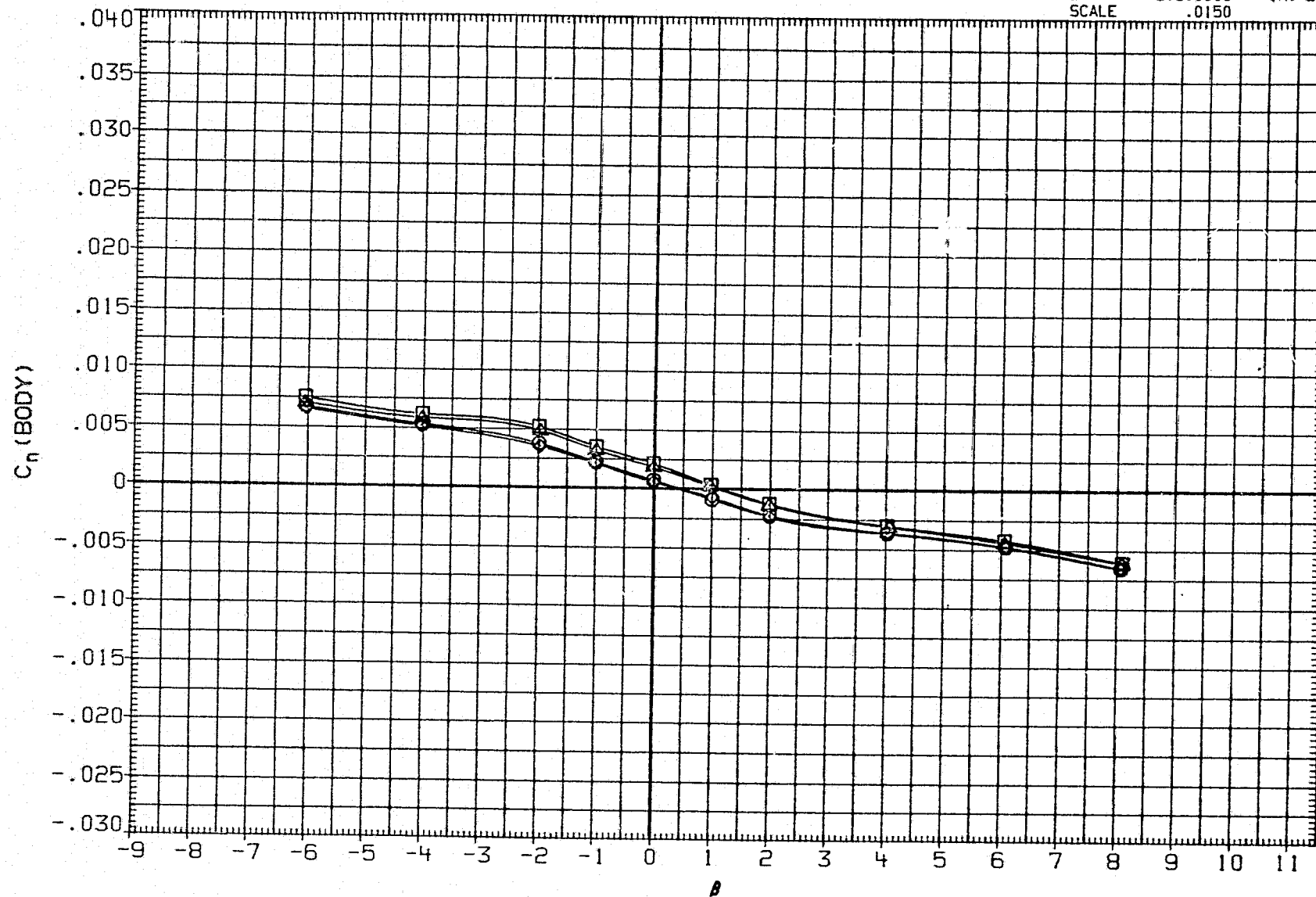


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

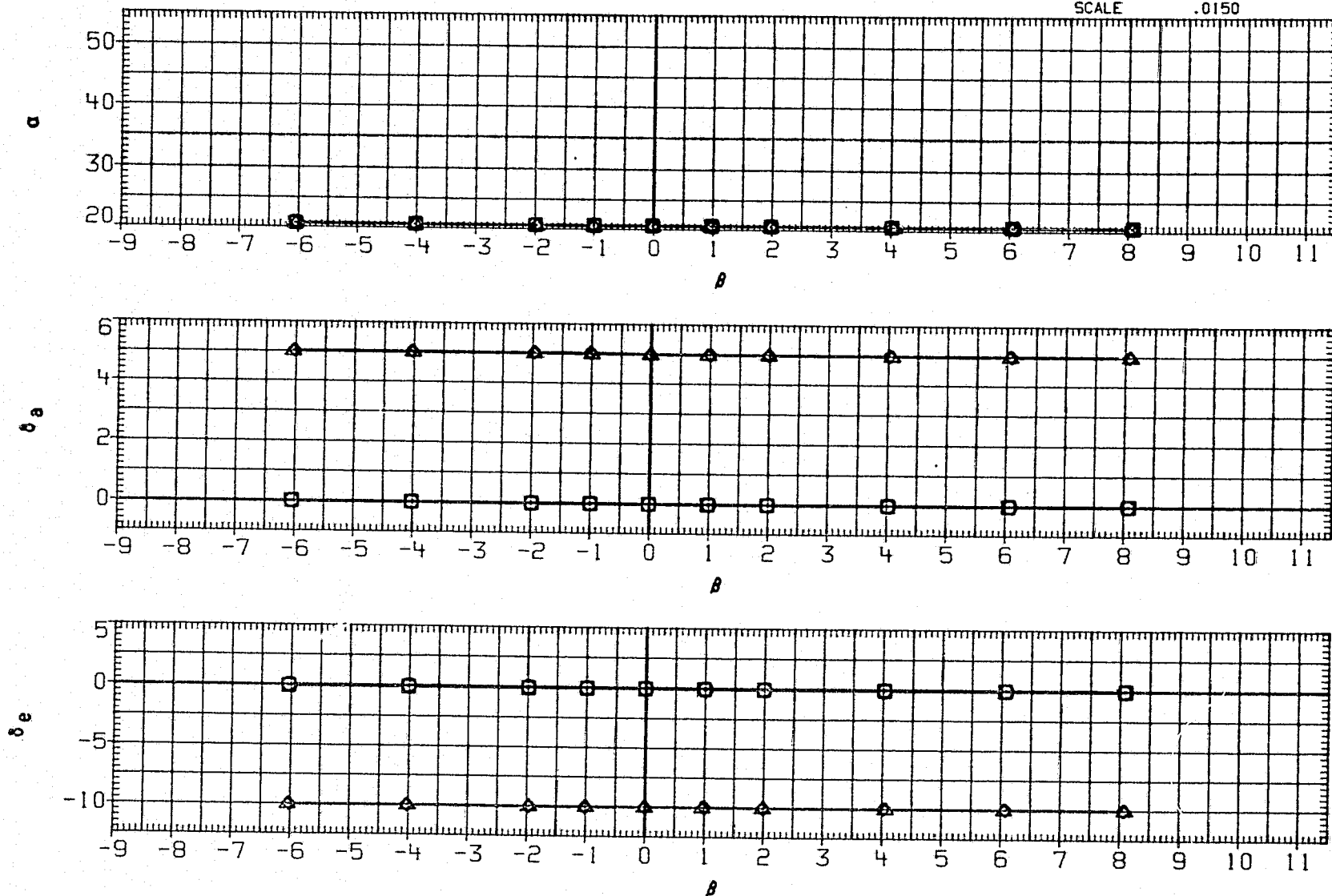


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

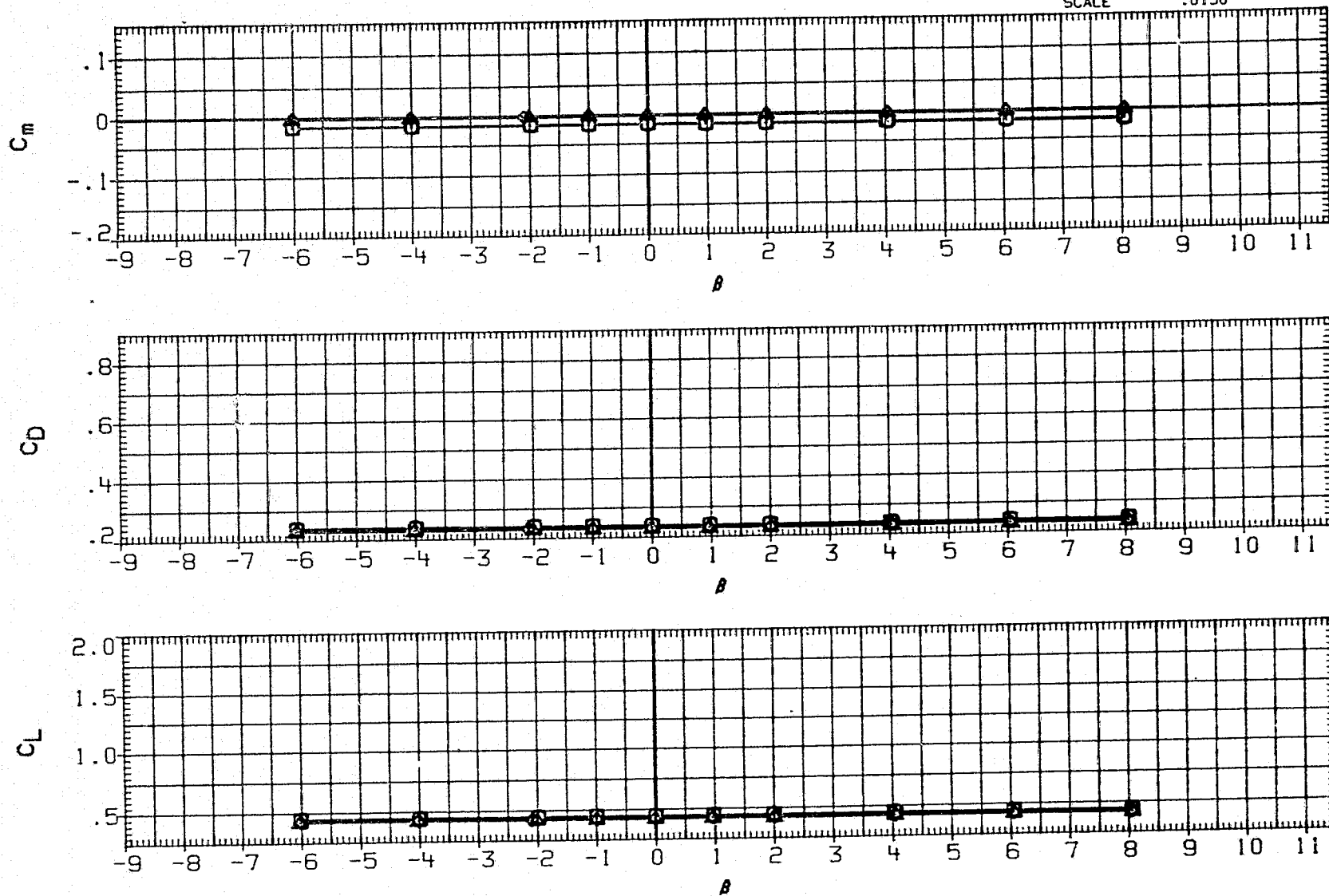


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

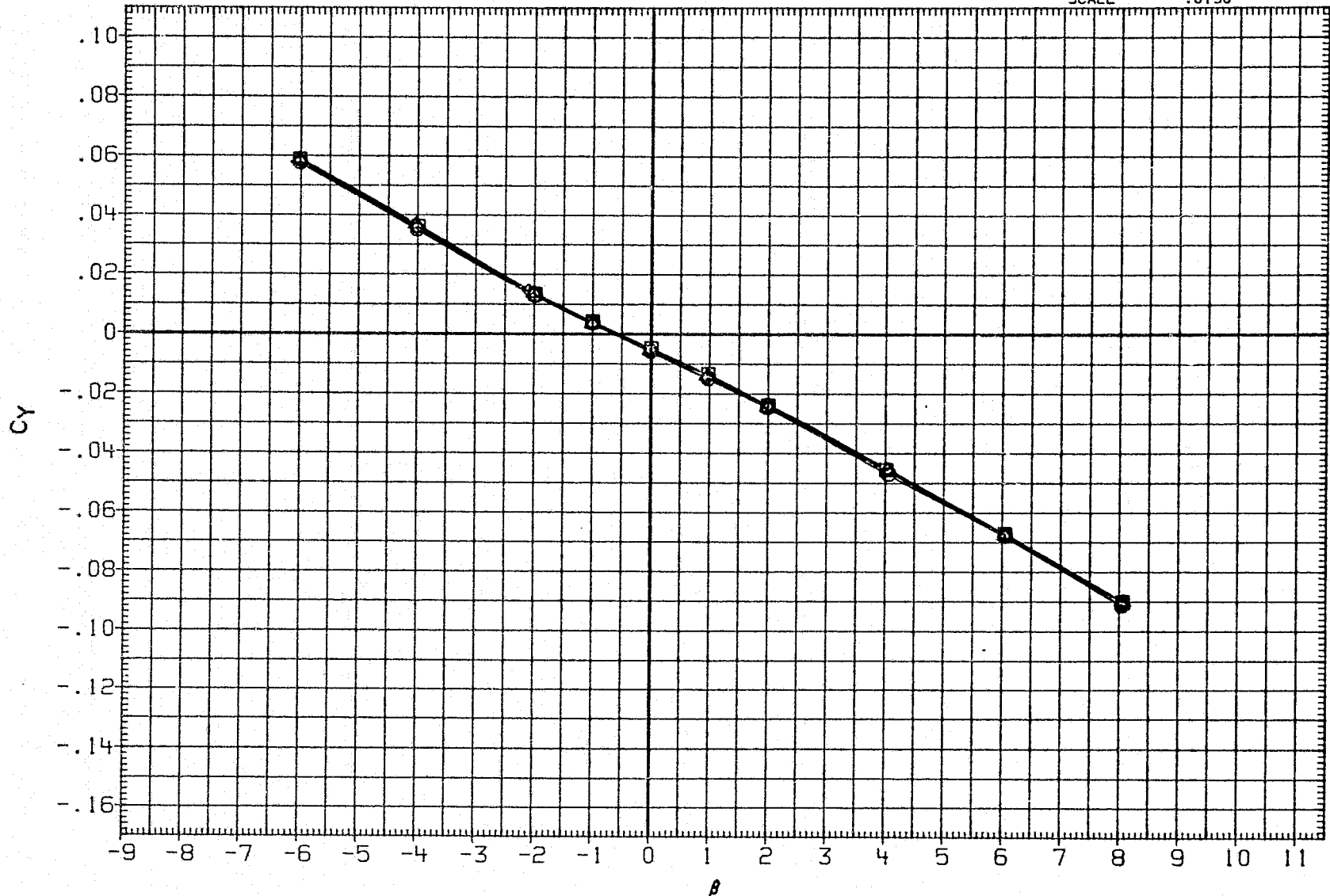


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

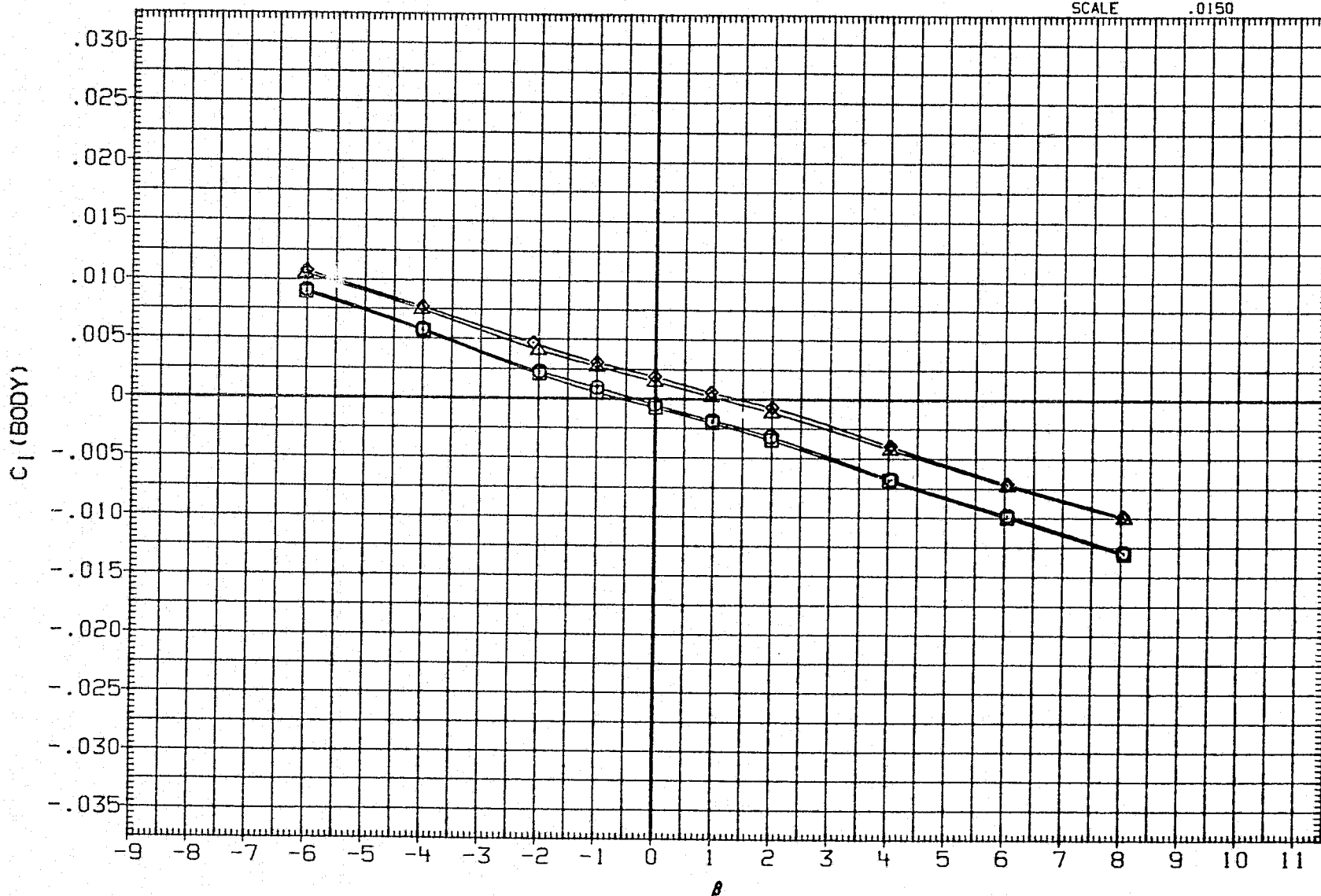


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(C) MACH = 4.60



DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH083	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF	2690.0000	SQ.FT.
AJH085	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF	474.8000	INCHES
AJH084	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF	936.6800	INCHES
AJH086	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

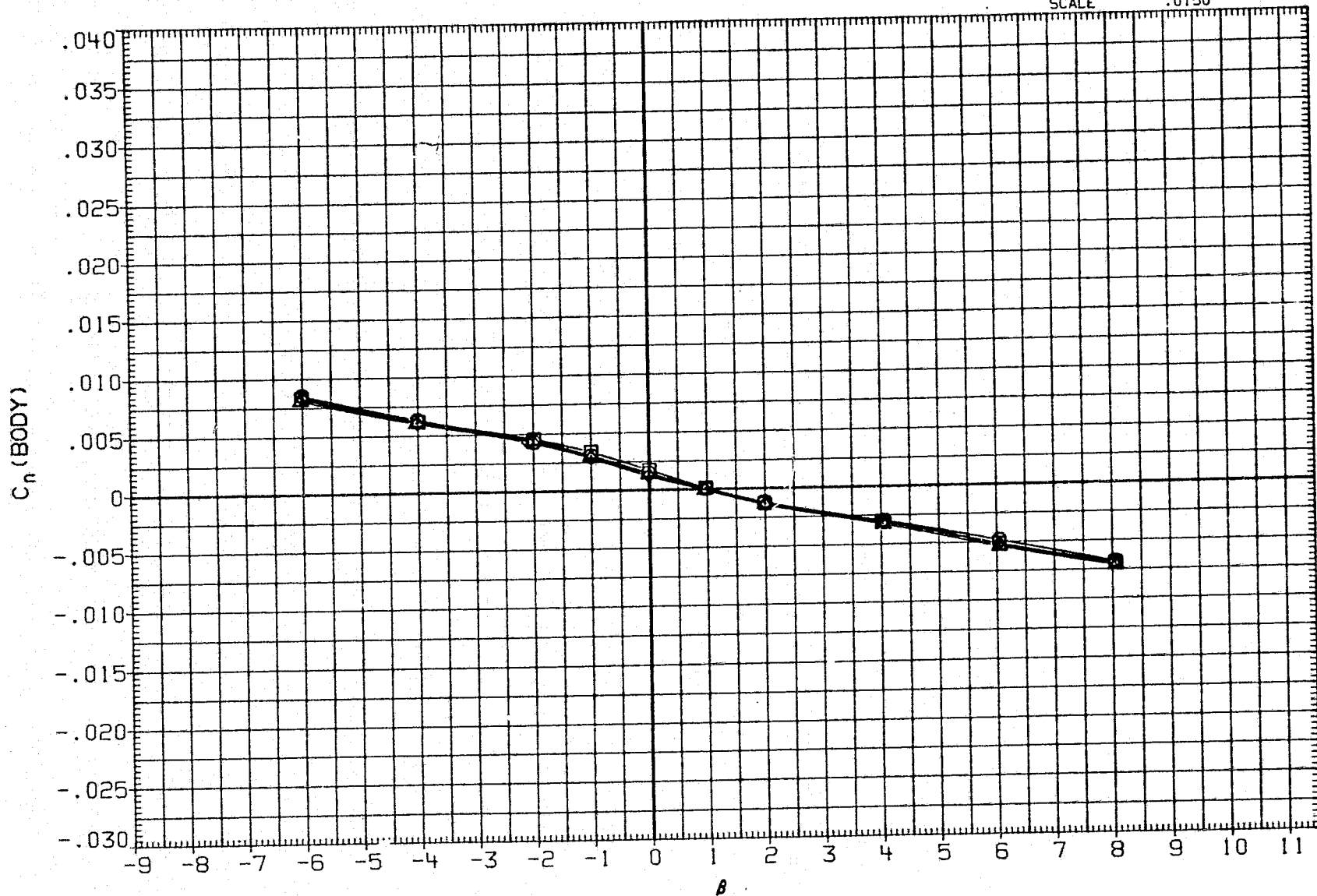


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH083	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	39.700	SREF 2690.0000 SQ.FT.
AJH085	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	39.700	LREF 474.8000 INCHES
AJH084	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	39.700	BREF 936.6800 INCHES
AJH086	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	39.700	XMRP 1076.7000 IN. XO
							YMRP .0000 IN. YO
							ZMRP 375.0000 IN. ZO
							SCALE .0150

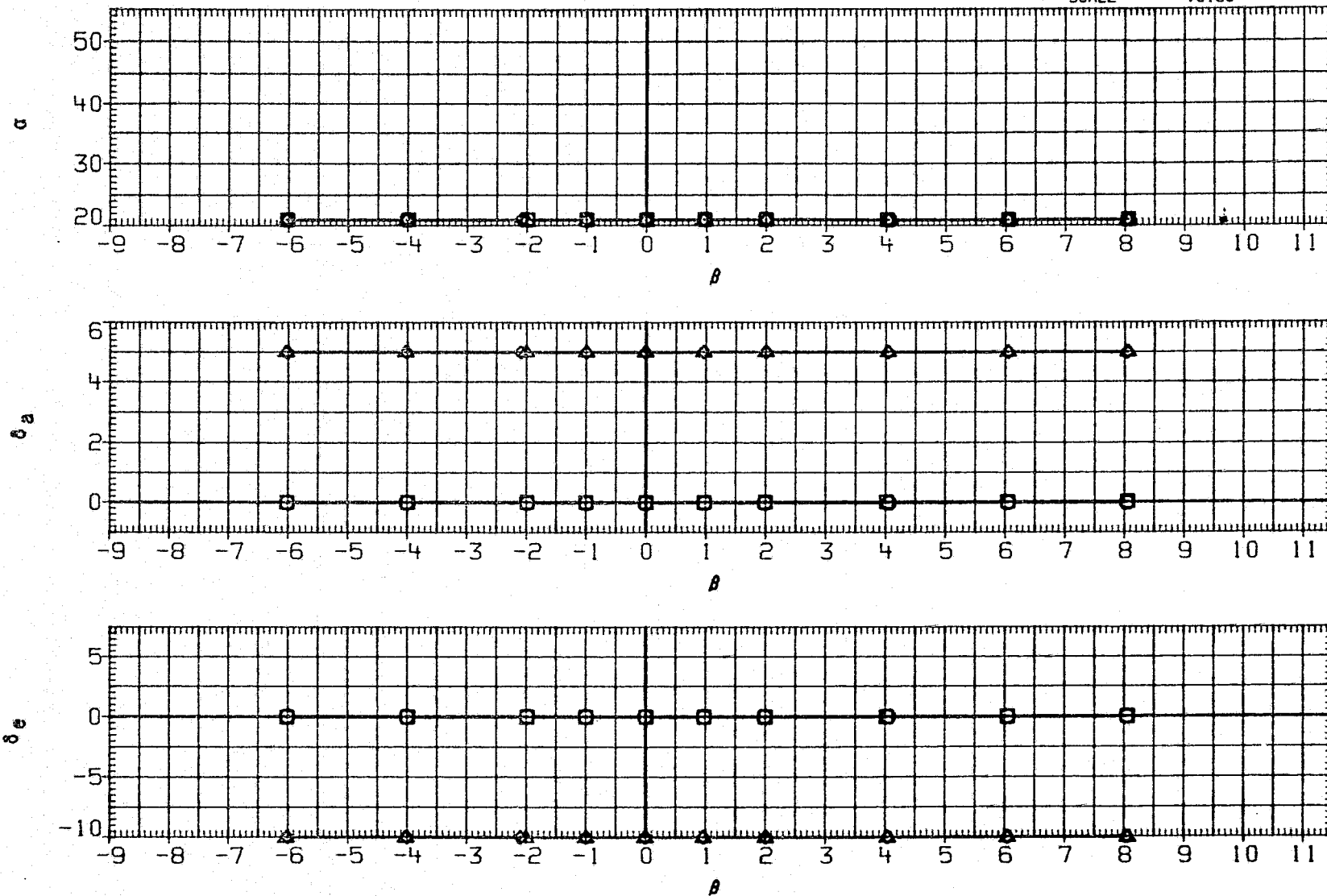


FIGURE 17. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 39.7 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET SYMBOL	CONFIGURATION
AJH087	DATA NOT AVAILABLE
AJH096	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH092	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH100	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
					YMRP	.0000	IN. YO
					ZMRP	375.0000	IN. ZO
					SCALE	.0150	

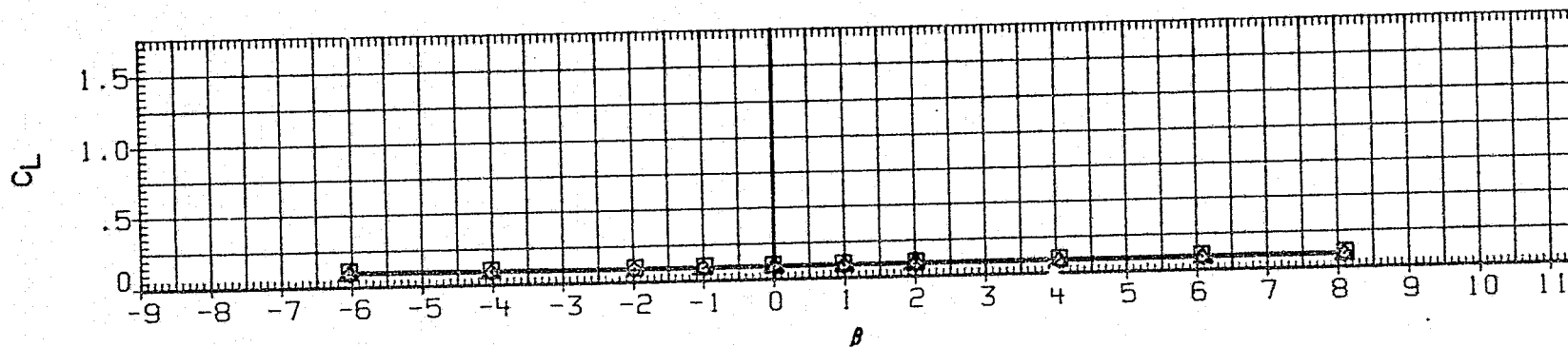
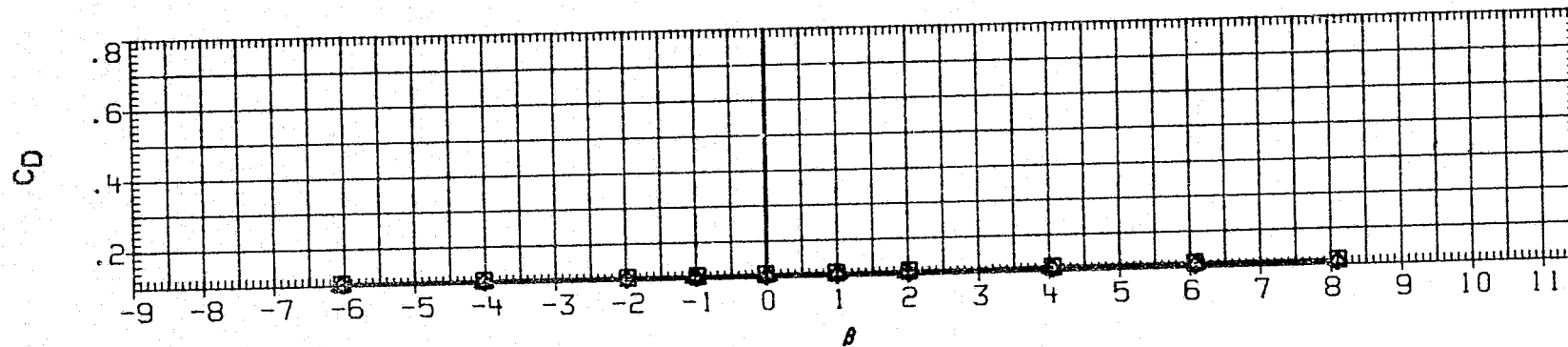
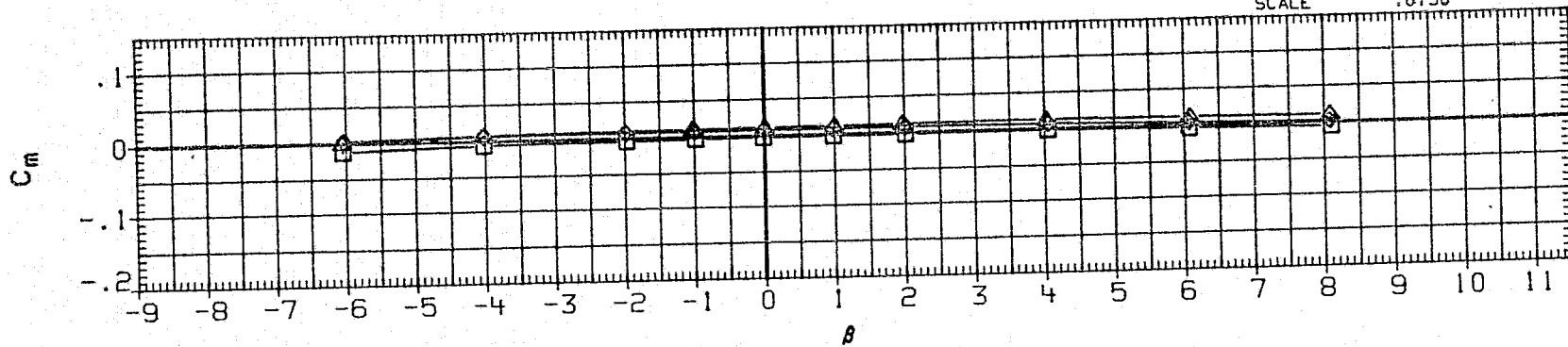


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(A)MACH = 2.86

## DATA SET SYMBOL

## CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION
AJH087	○ DATA NOT AVAILABLE
AJH086	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH092	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH100	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

6.000

.000

.000

.000

52.700

SREF 2690.0000

50.FT.

6.000

-10.000

.000

.000

52.700

LREF 474.8000

INCHES

6.000

.000

5.000

-10.000

52.700

BREF 936.6800

INCHES

6.000

-10.000

5.000

-10.000

52.700

XMRP 1076.7000

IN. XO

YMRP .0000

IN. YO

ZMRP 375.0000

IN. ZO

SCALE .0150

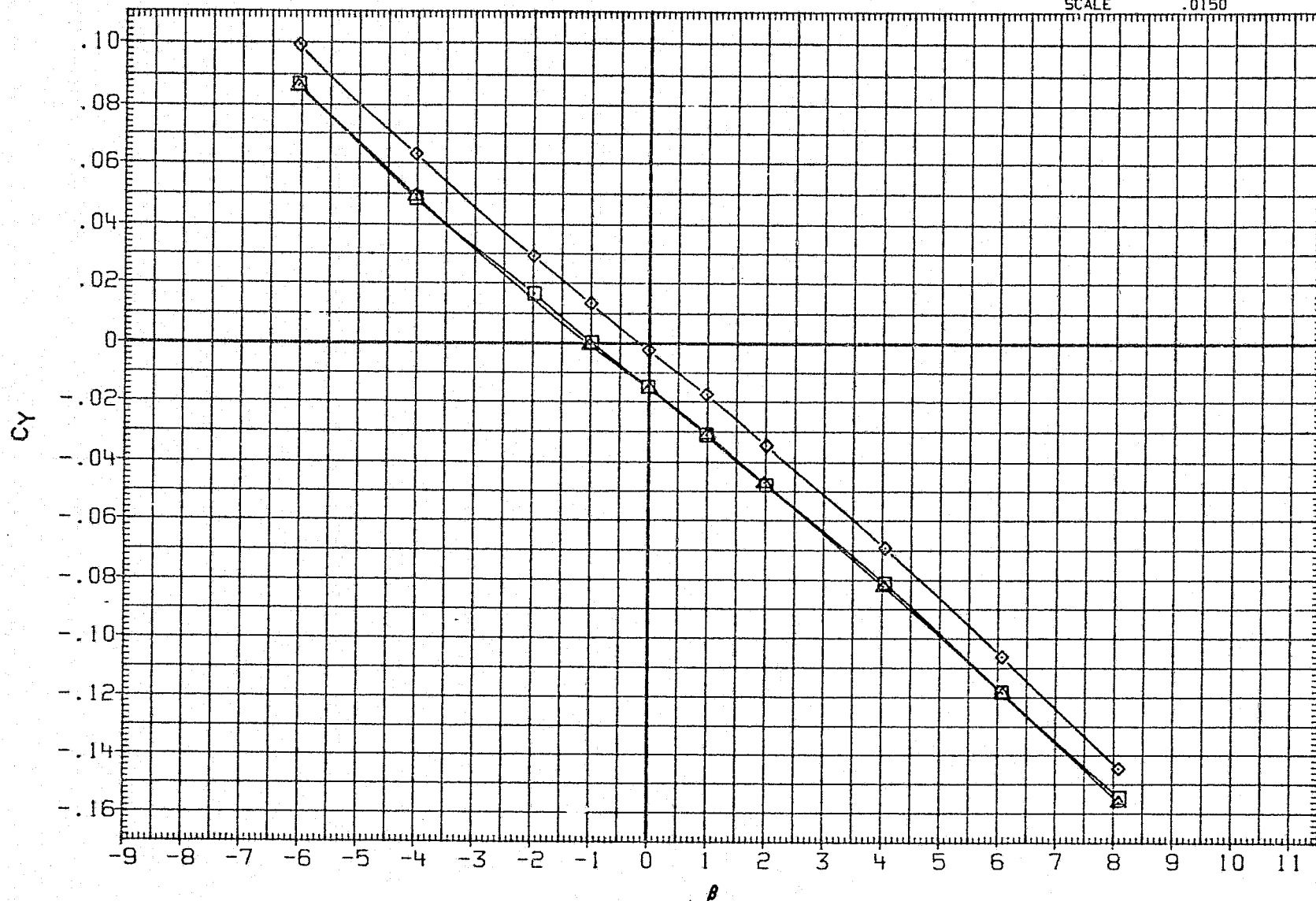


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
6.000	.000	.000	.000	52.700
6.000	-10.000	.000	.000	52.700
6.000	.000	5.000	-10.000	52.700
6.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

AJH087	○	DATA NOT AVAILABLE
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

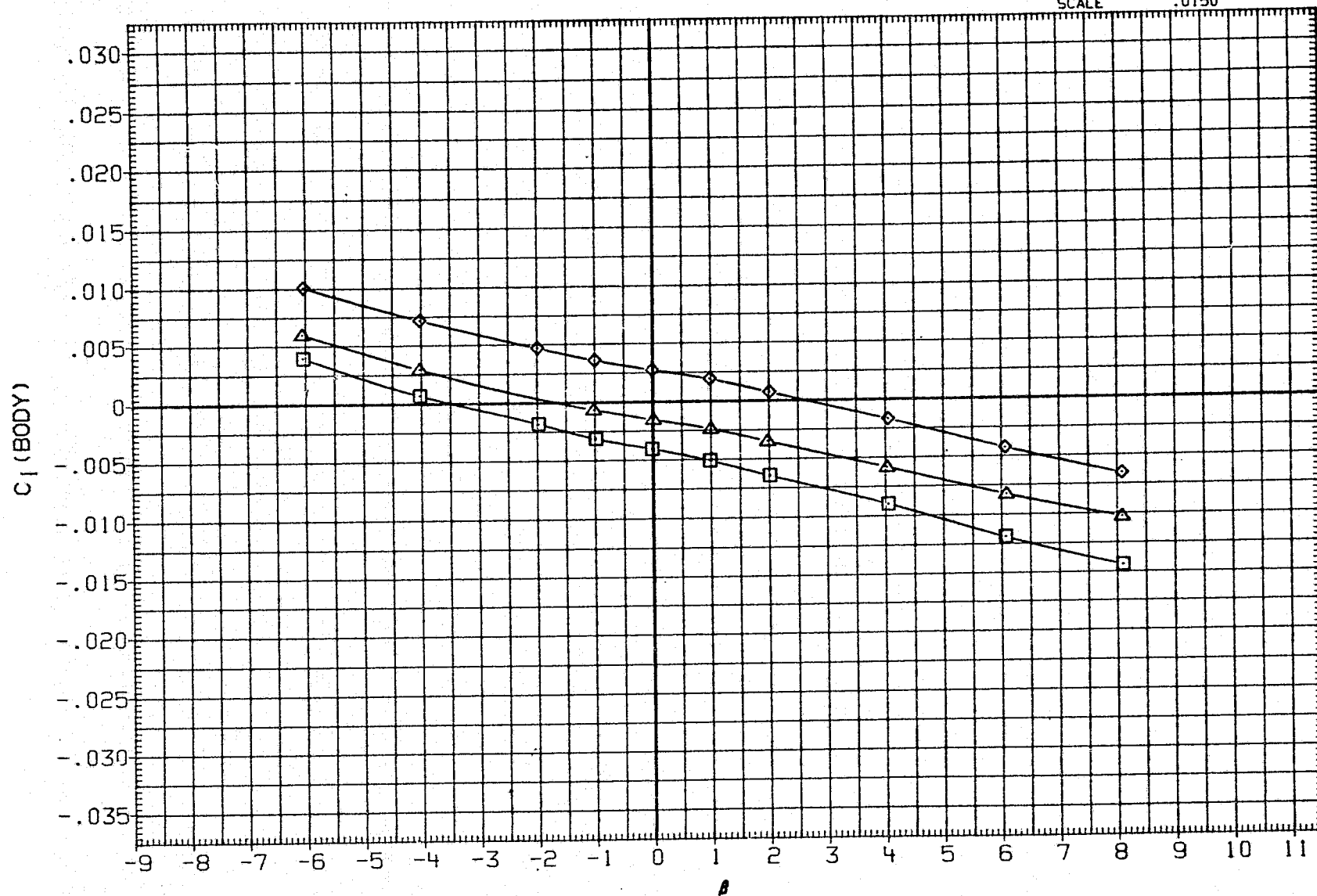


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(A)MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH087	○	DATA NOT AVAILABLE	6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0:50	

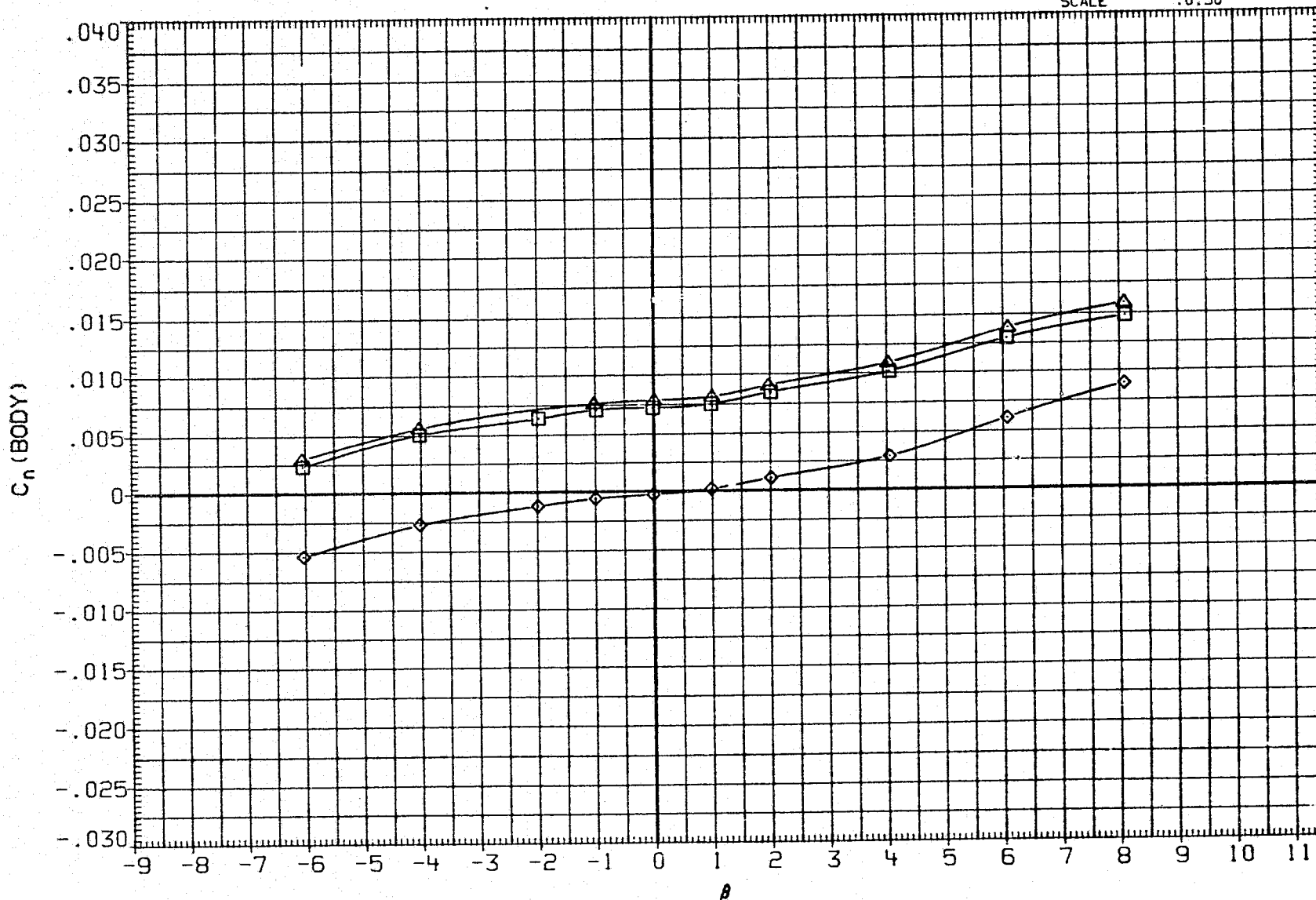


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH087	○ DATA NOT AVAILABLE	6.000	.000	.000	.000	52.700	SREF	2690.0000	SO.FT.
AJH096	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

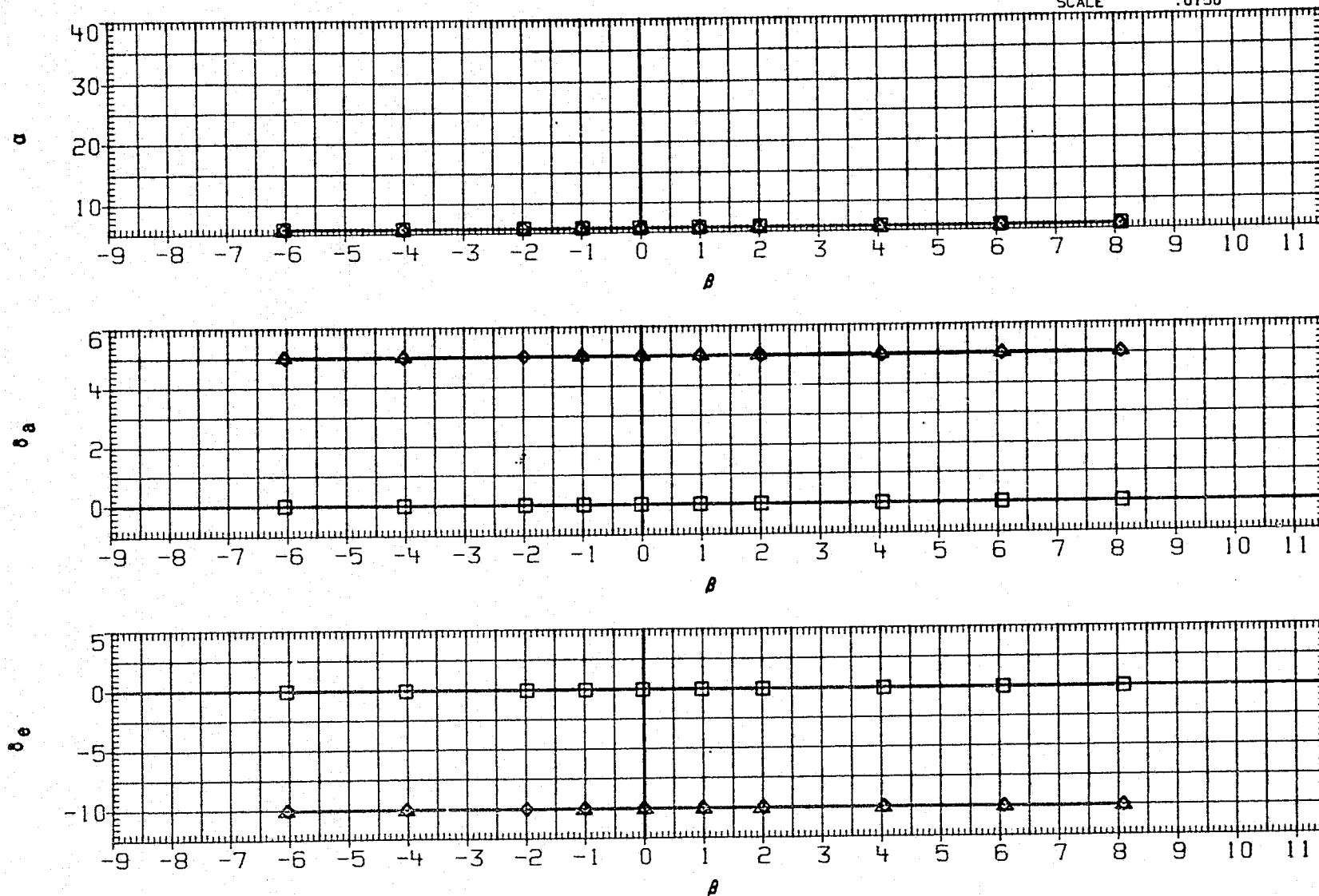


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDRK	REFERENCE INFORMATION		
6.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
					YMRP	.0000	IN. YO
					ZMRP	375.0000	IN. ZO
					SCALE	.0150	

AJH087	○	DATA NOT AVAILABLE
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

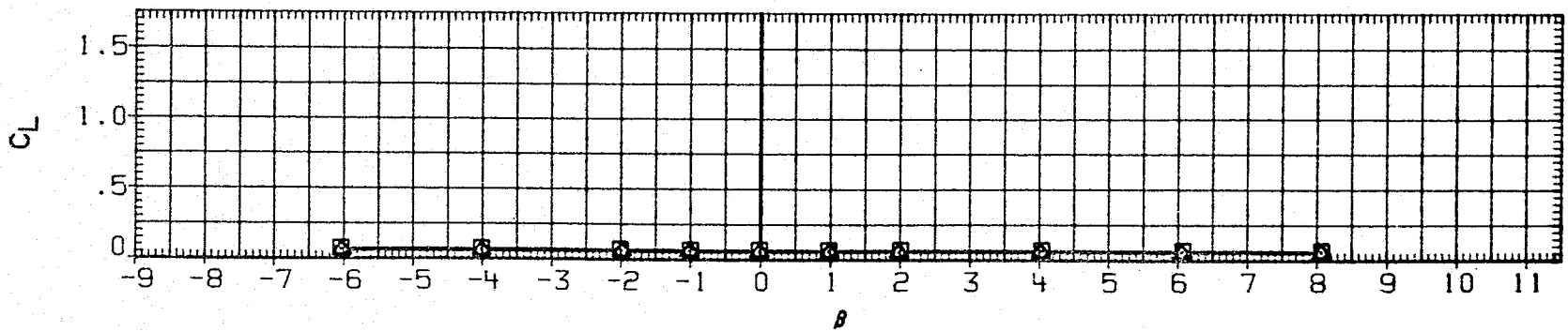
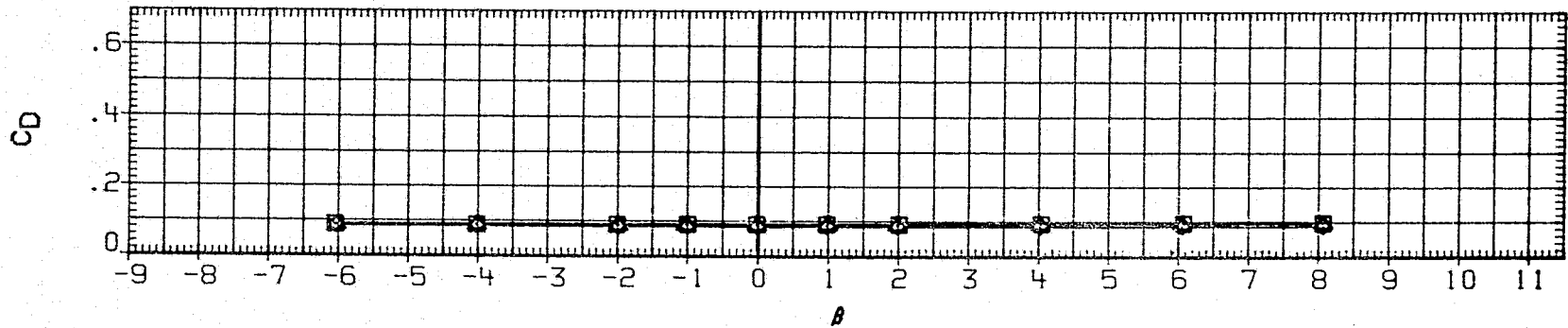
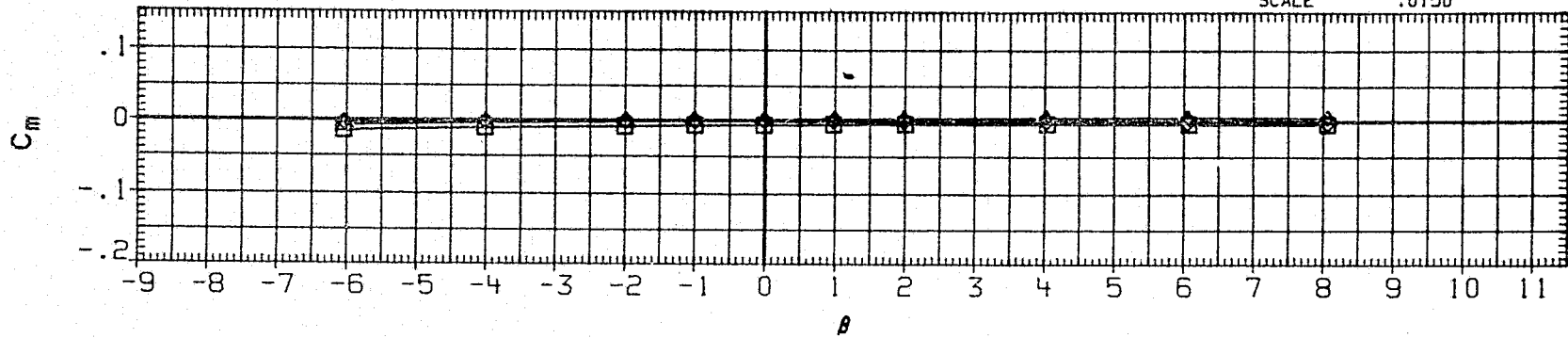


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(B) MACH = 3.90



DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

AJH087	○	DATA NOT AVAILABLE	6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

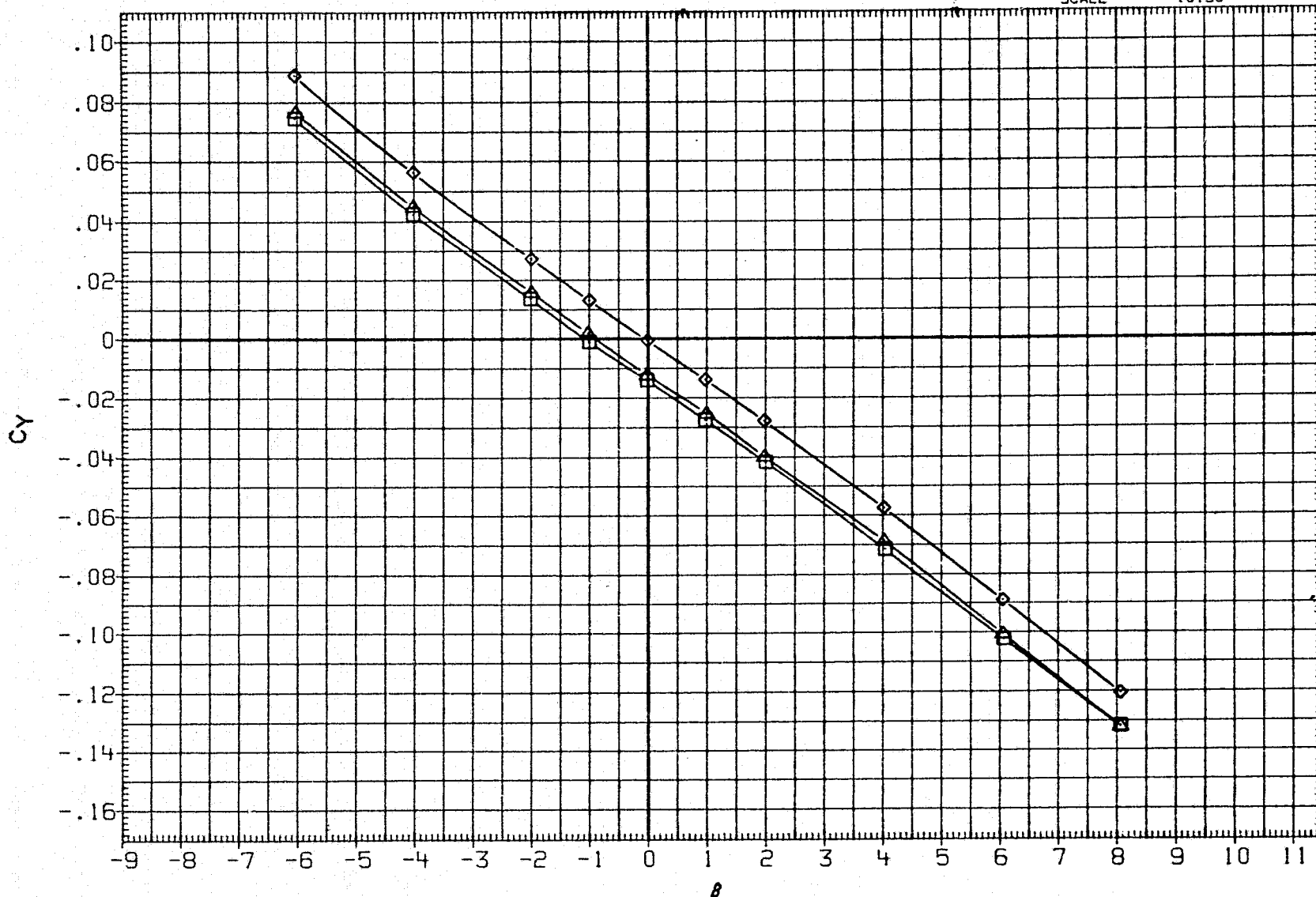


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(B)MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH087	○ DATA NOT AVAILABLE	6.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH096	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH092	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH100	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. XO
							YMRP .0000 IN. YO
							ZMRP 375.0000 IN. ZO
							SCALE .0150

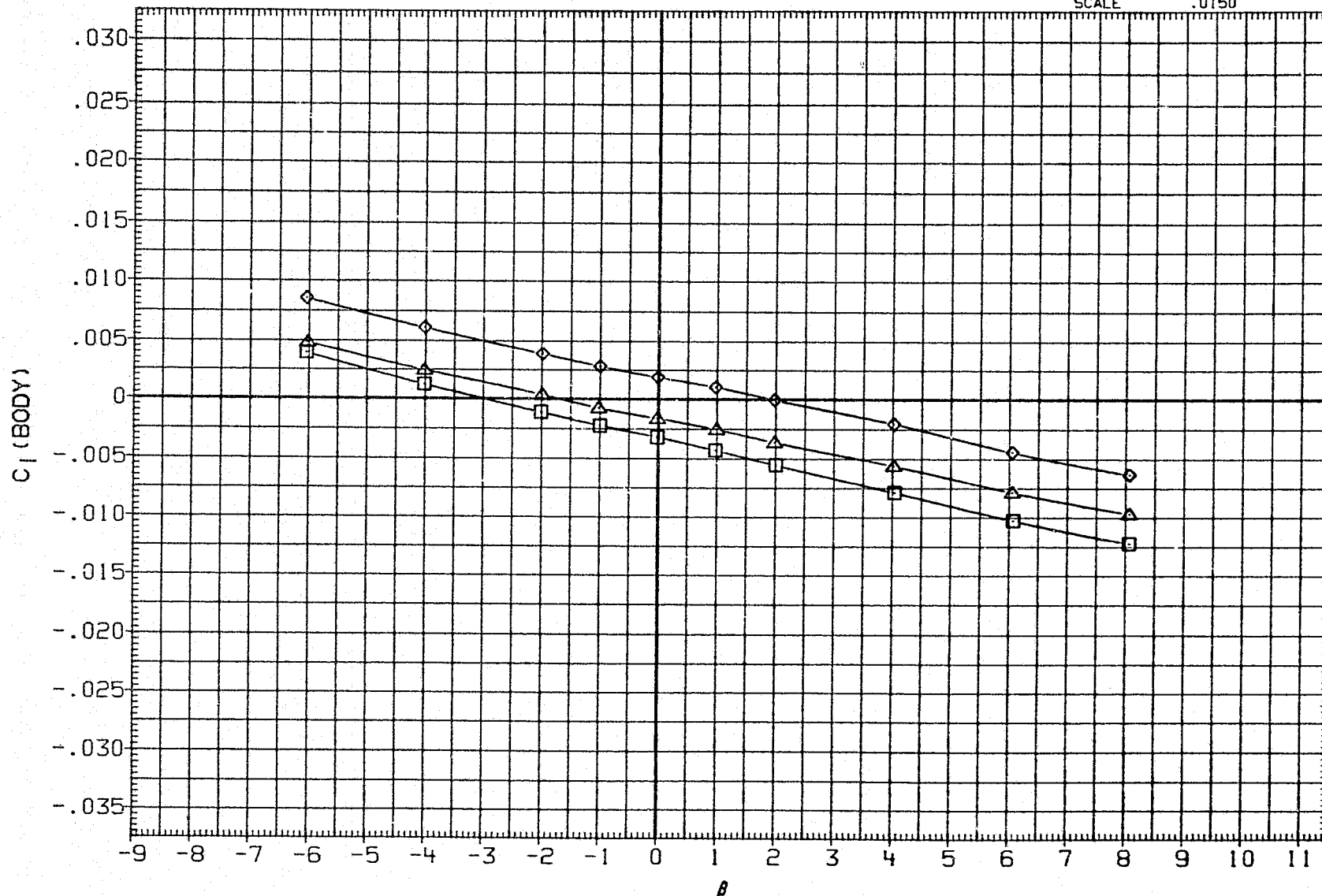


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(B) MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH087	○	DATA NOT AVAILABLE	6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6000	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

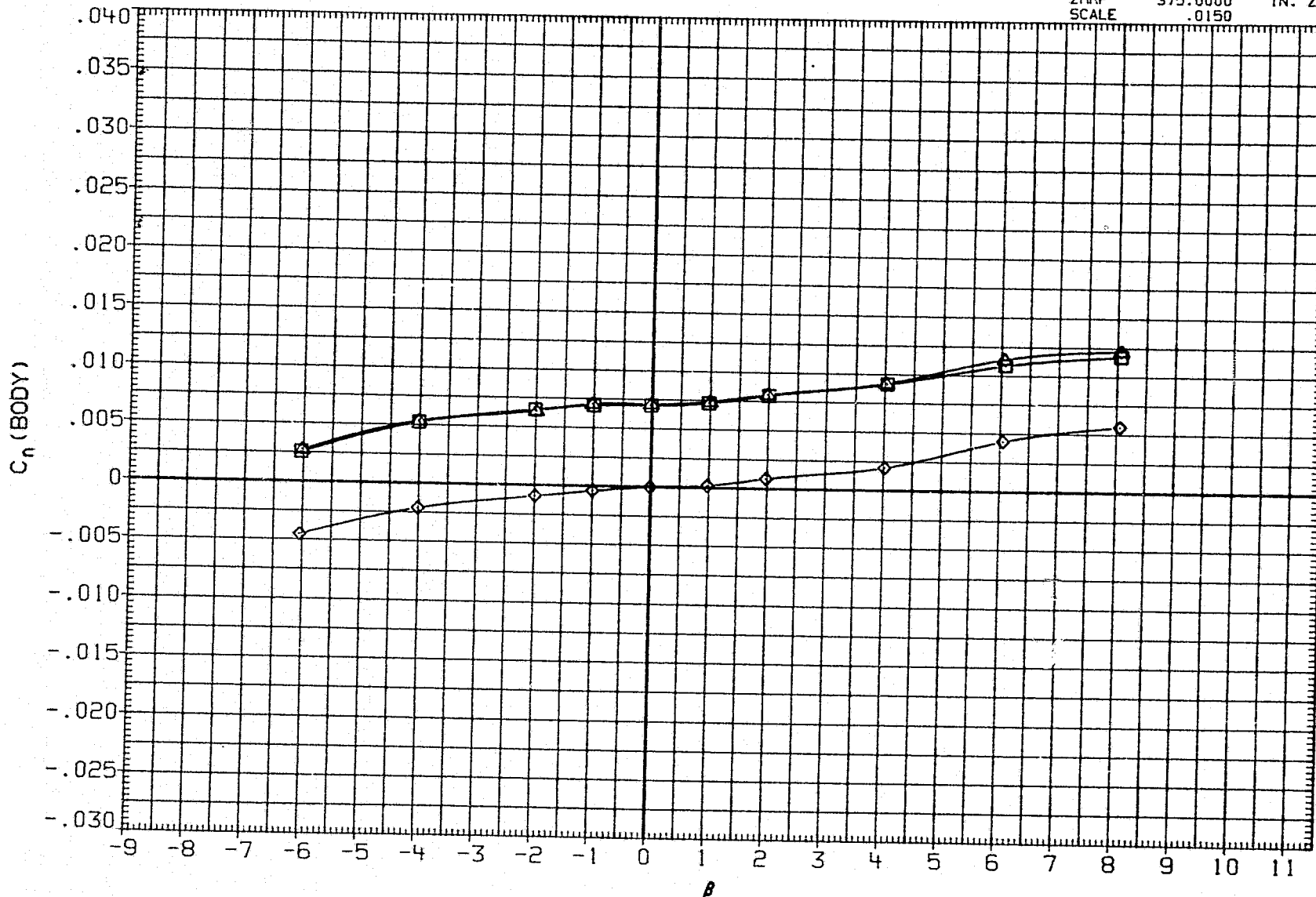


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

ALPHA RUDDER AILERON ELEVON SPDBRK

REFERENCE INFORMATION

AJH087 ○ DATA NOT AVAILABLE  
 AJH096 □ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W  
 AJH092 ◇ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W  
 AJH100 △ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

6.000 .000 .000 .000 52.700  
 6.000 -10.000 .000 .000 52.700  
 6.000 .000 5.000 -10.000 52.700  
 6.000 -10.000 5.000 -10.000 52.700

SREF 3690.0000 SQ. FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

D

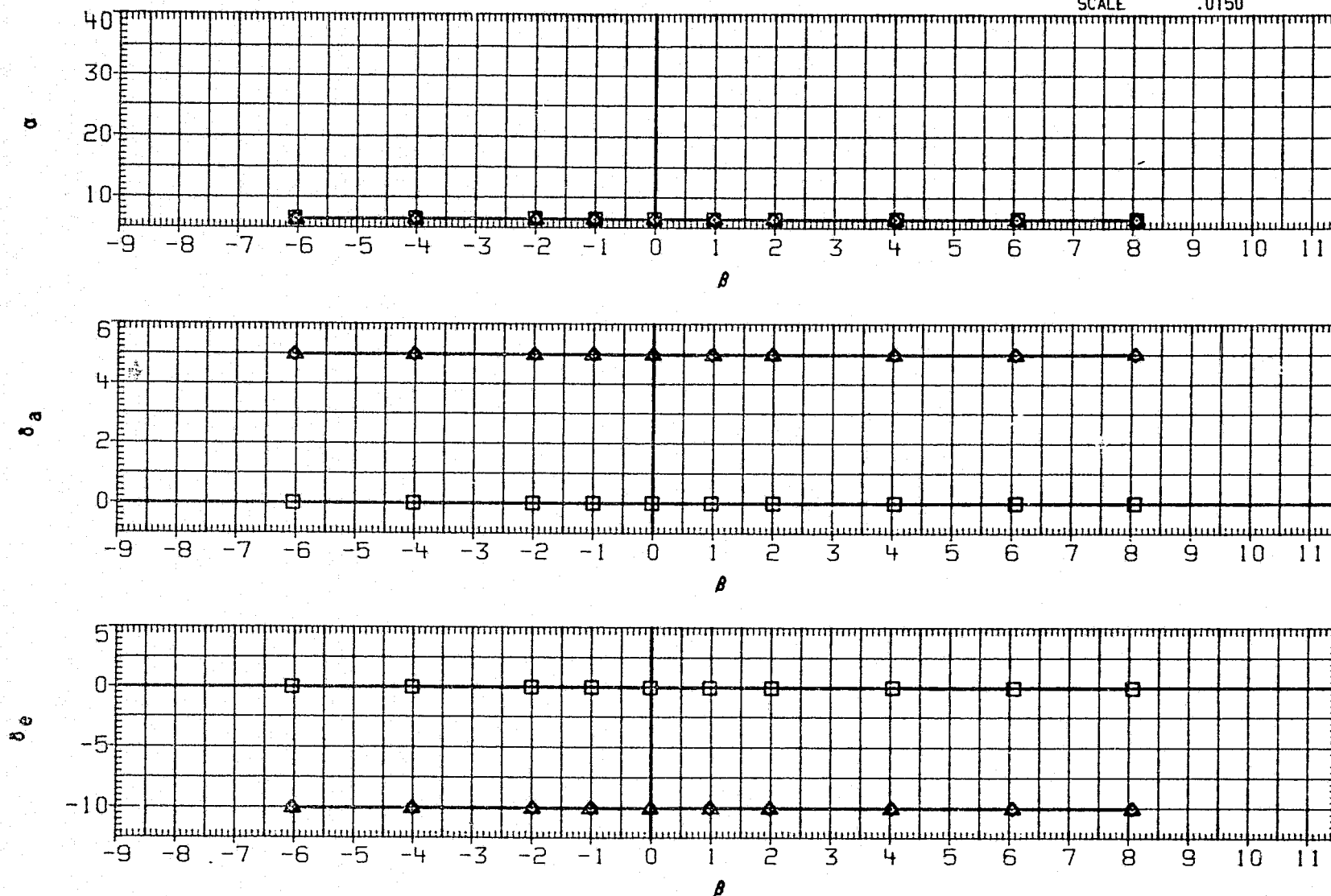


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH087	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH096	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. YO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

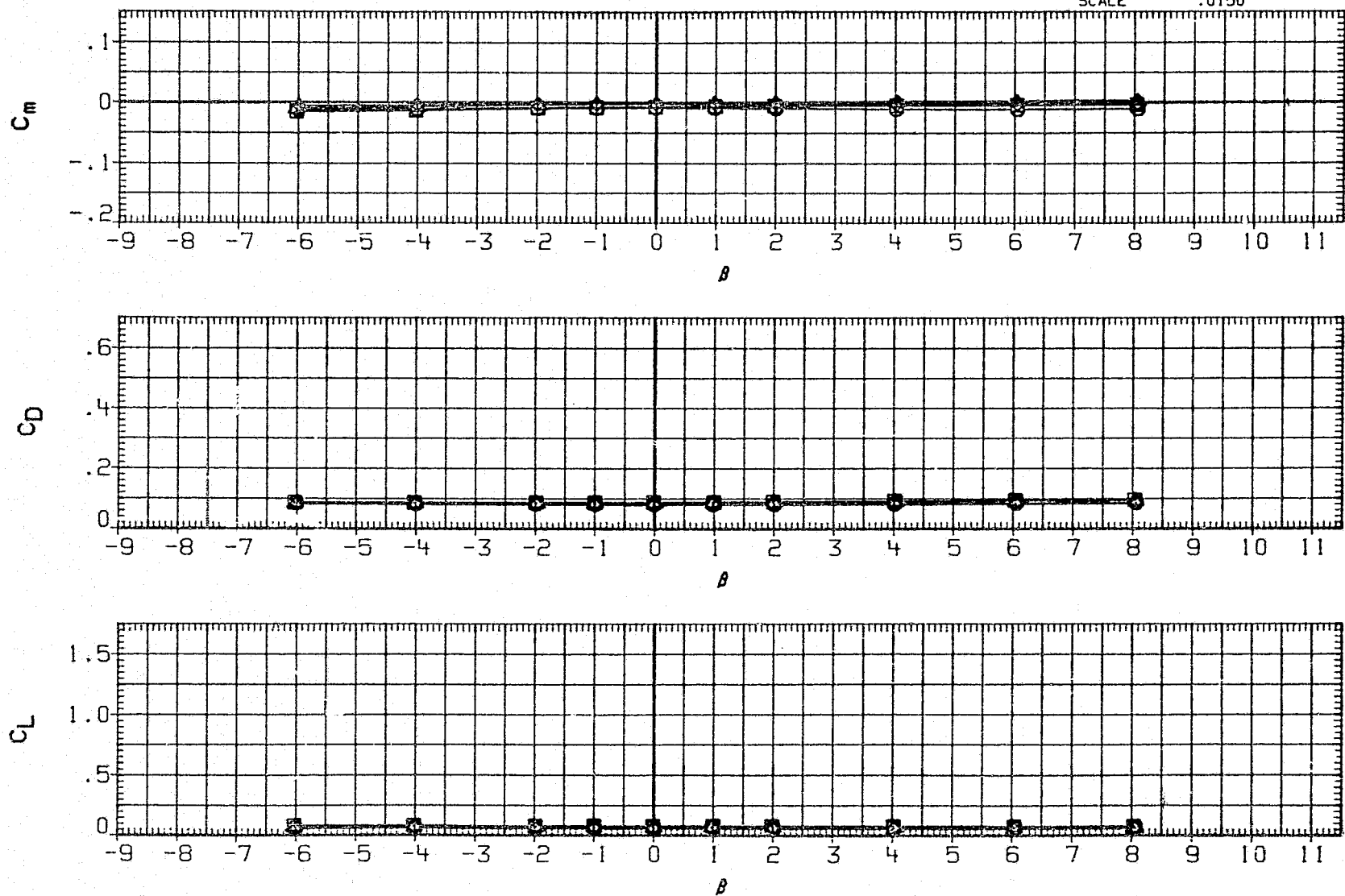


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH087	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	.000	.000	52.700	SREF	2690.0000	50. FT.
AJH096	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

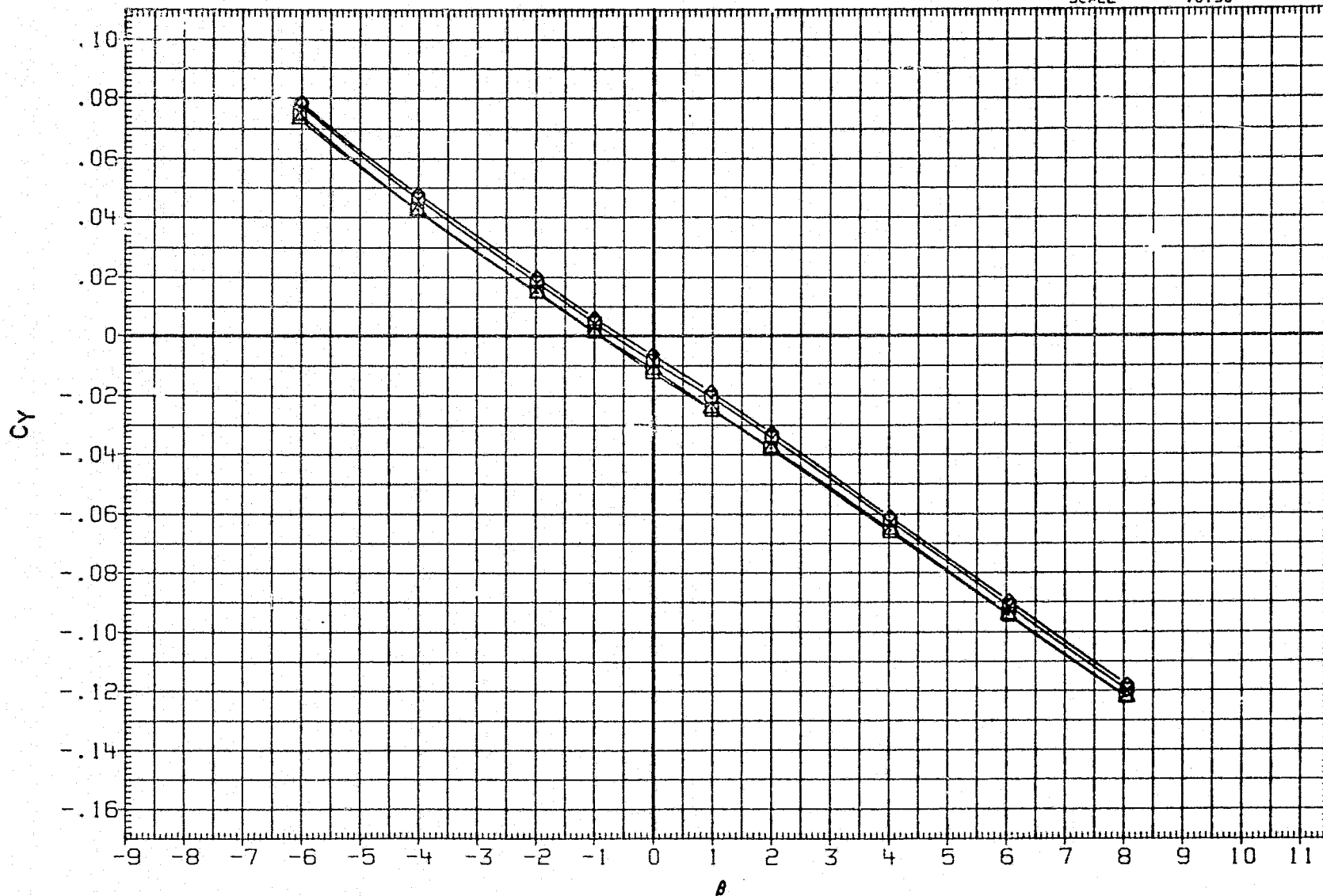


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(C) MACH = 4.60

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH087	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

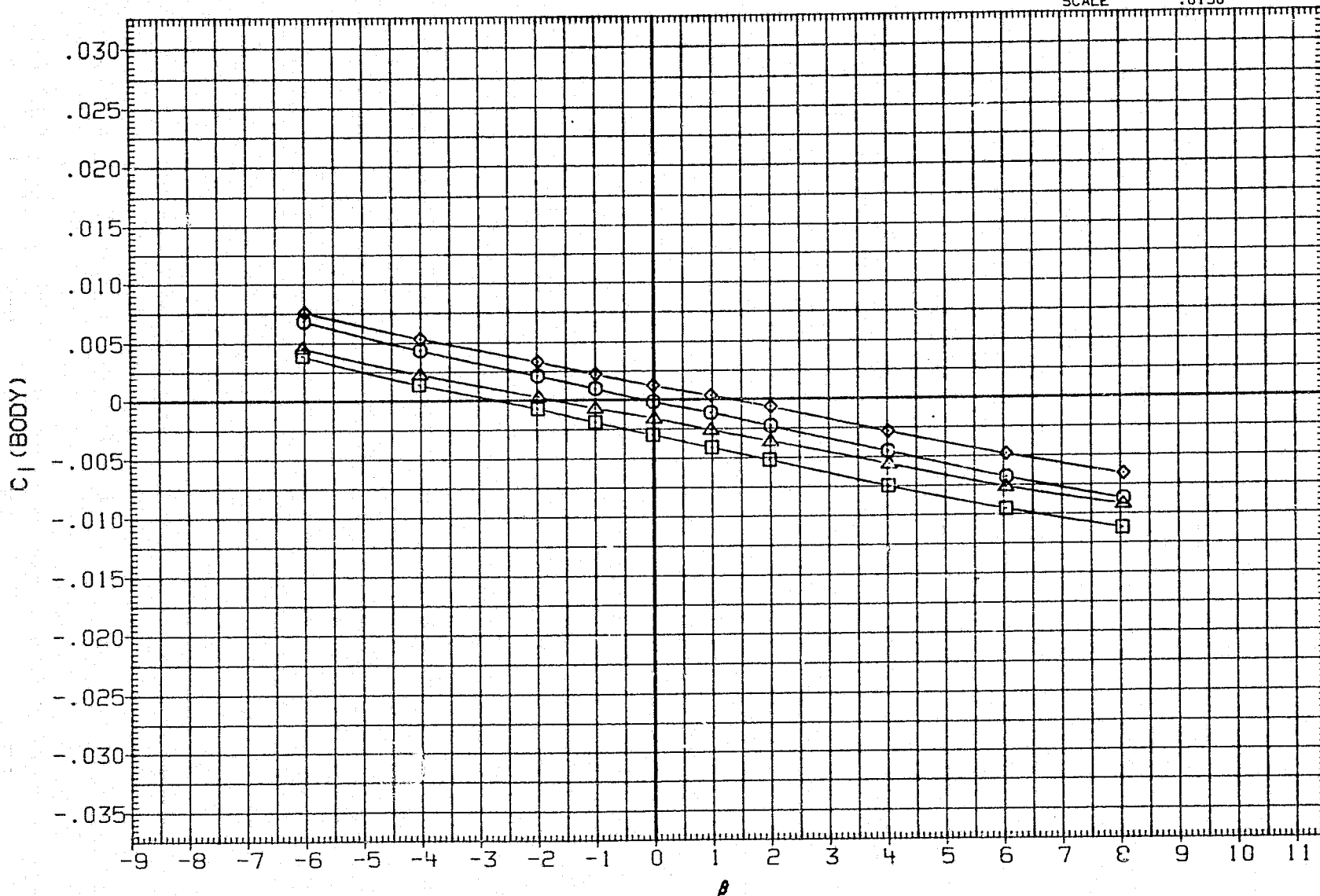


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH087	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

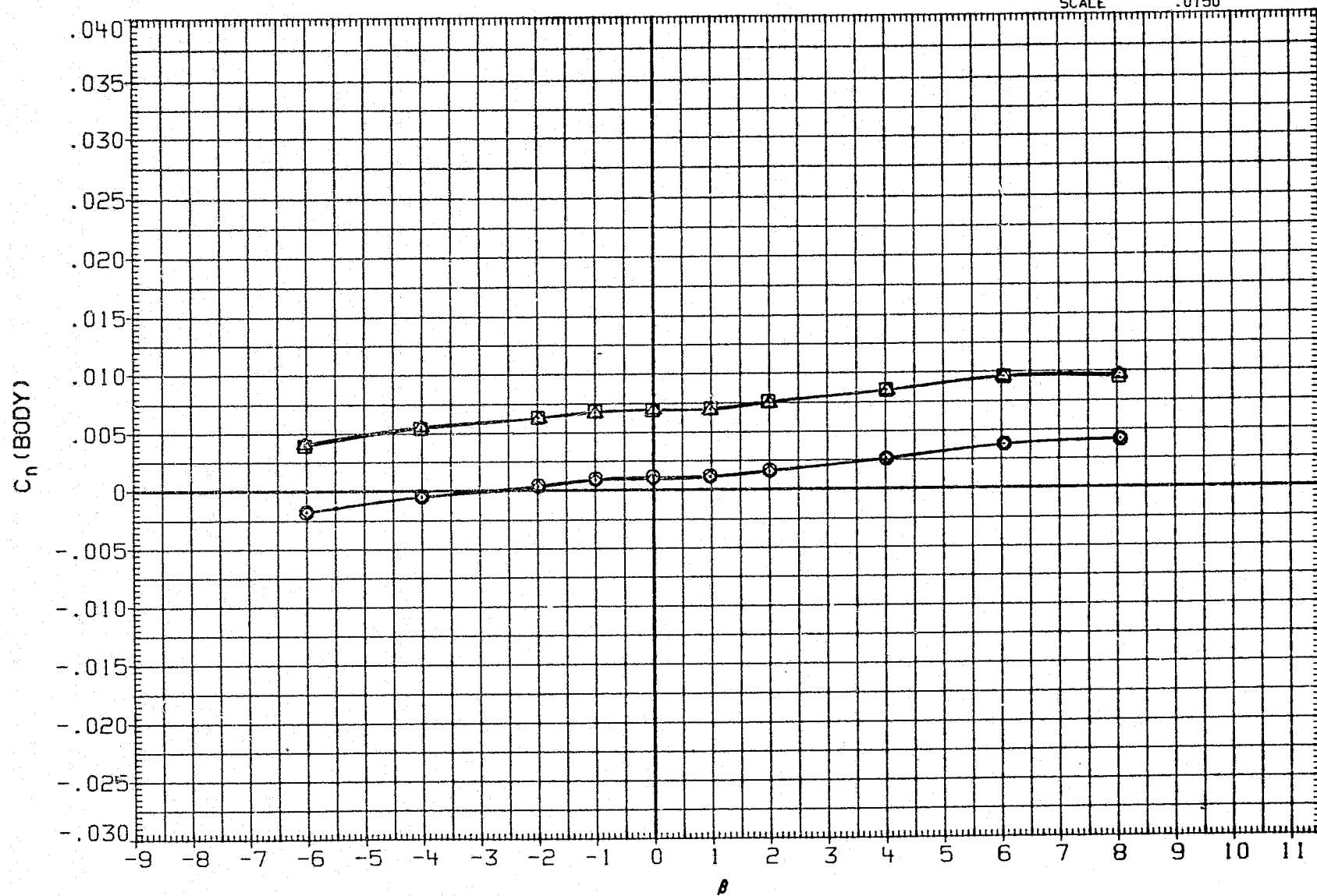


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

(C) MACH = 4.60



DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH087	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH096	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH092	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH100	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	6.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

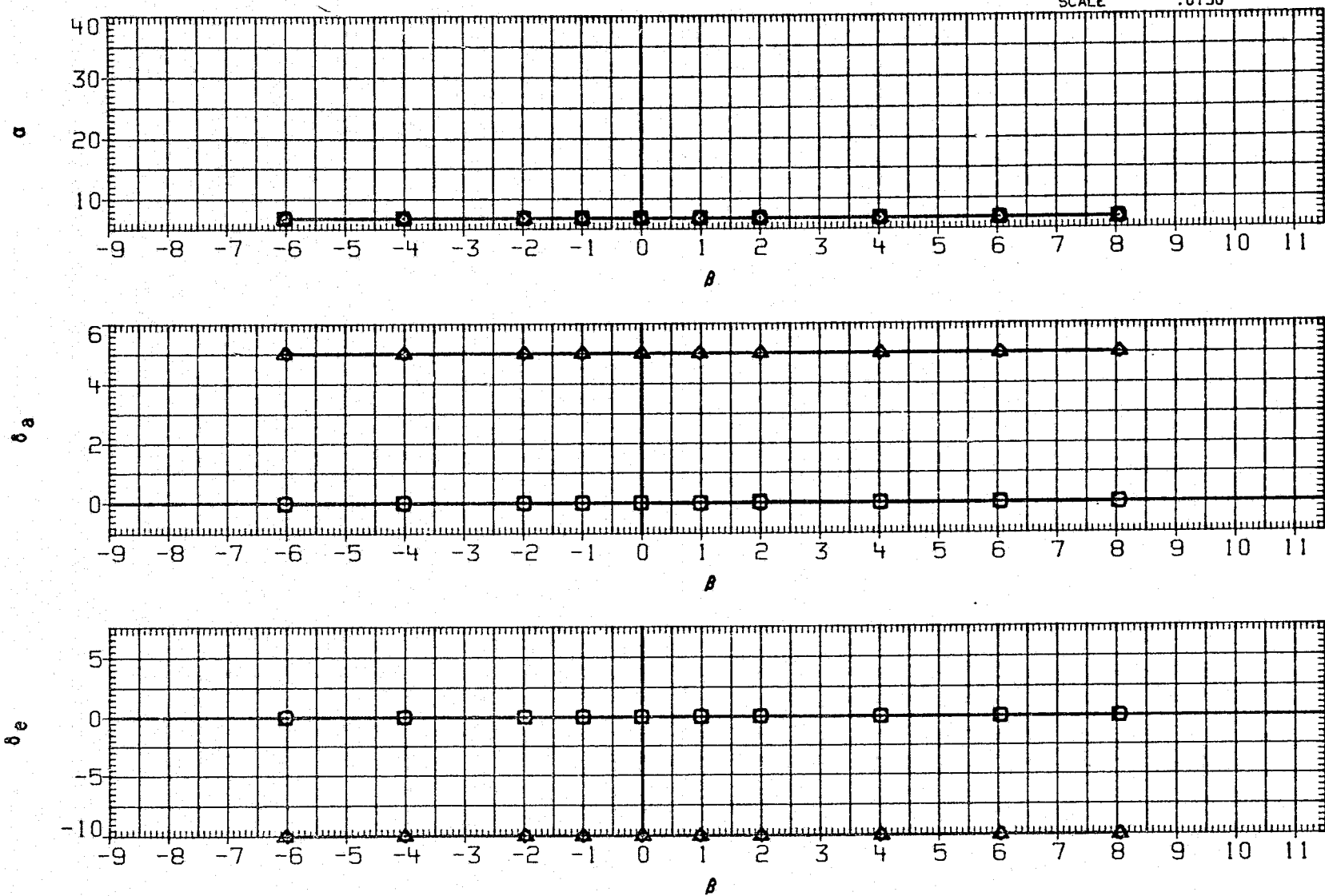


FIGURE 18(A). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 6 DEG.

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
12.000	.000	.000	.000	52.700
12.000	-10.000	.000	.000	52.700
12.000	.000	5.000	-10.000	52.700
12.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

AJH088	○	DATA NOT AVAILABLE
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

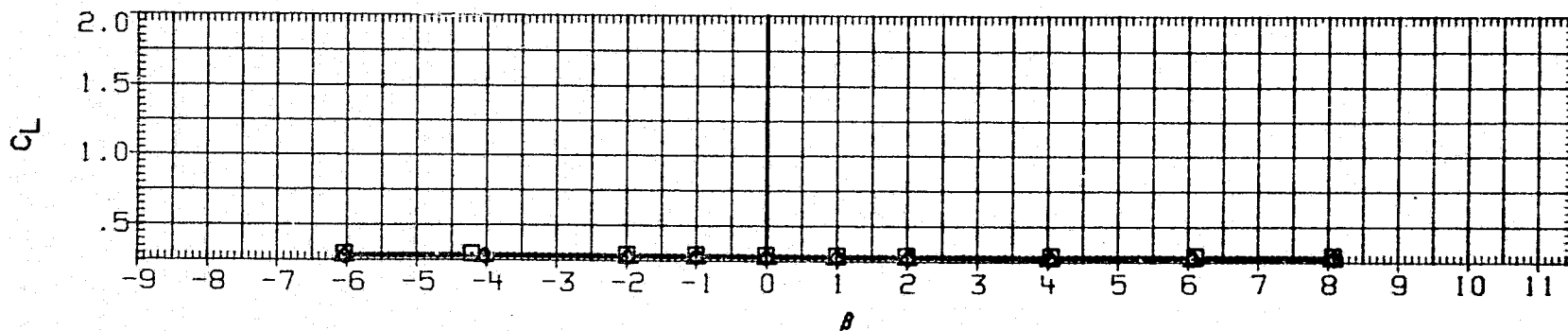
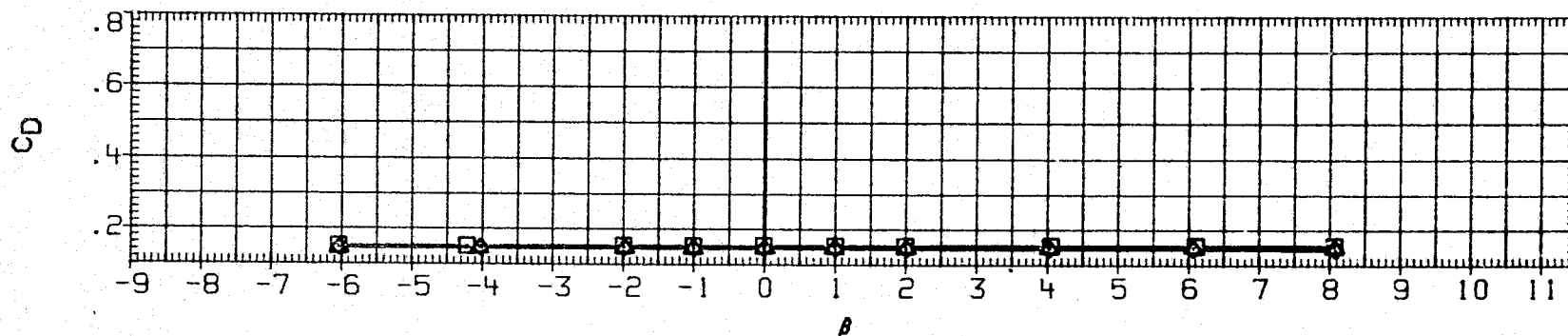
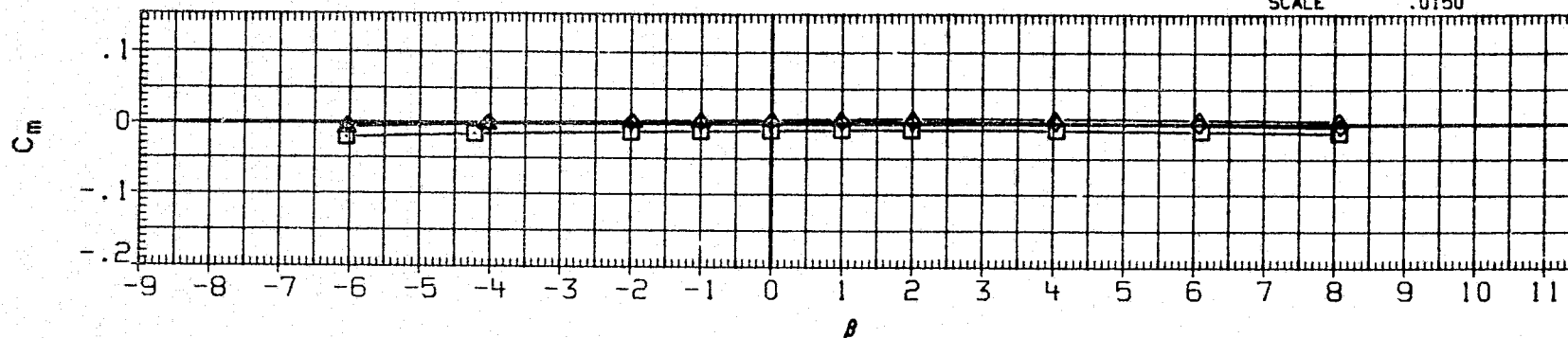


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○	DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

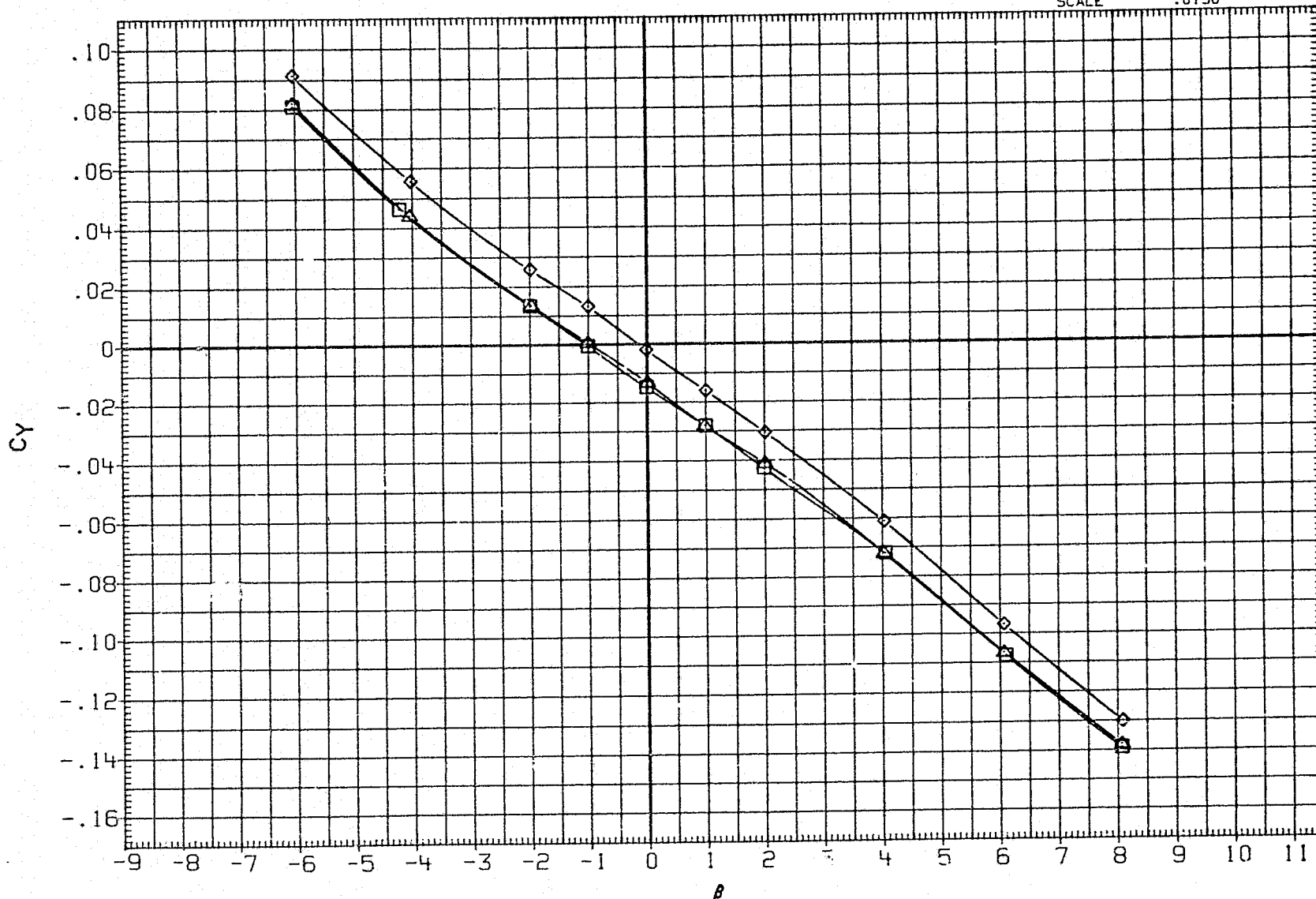


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

## DATA SET SYMBOL

## CONFIGURATION

AJH088	○	DATA NOT AVAILABLE
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
					YMRP	.0000	IN. YO
					ZMRP	375.0000	IN. ZO
					SCALE	.0150	



FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(A) MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○	DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH097	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

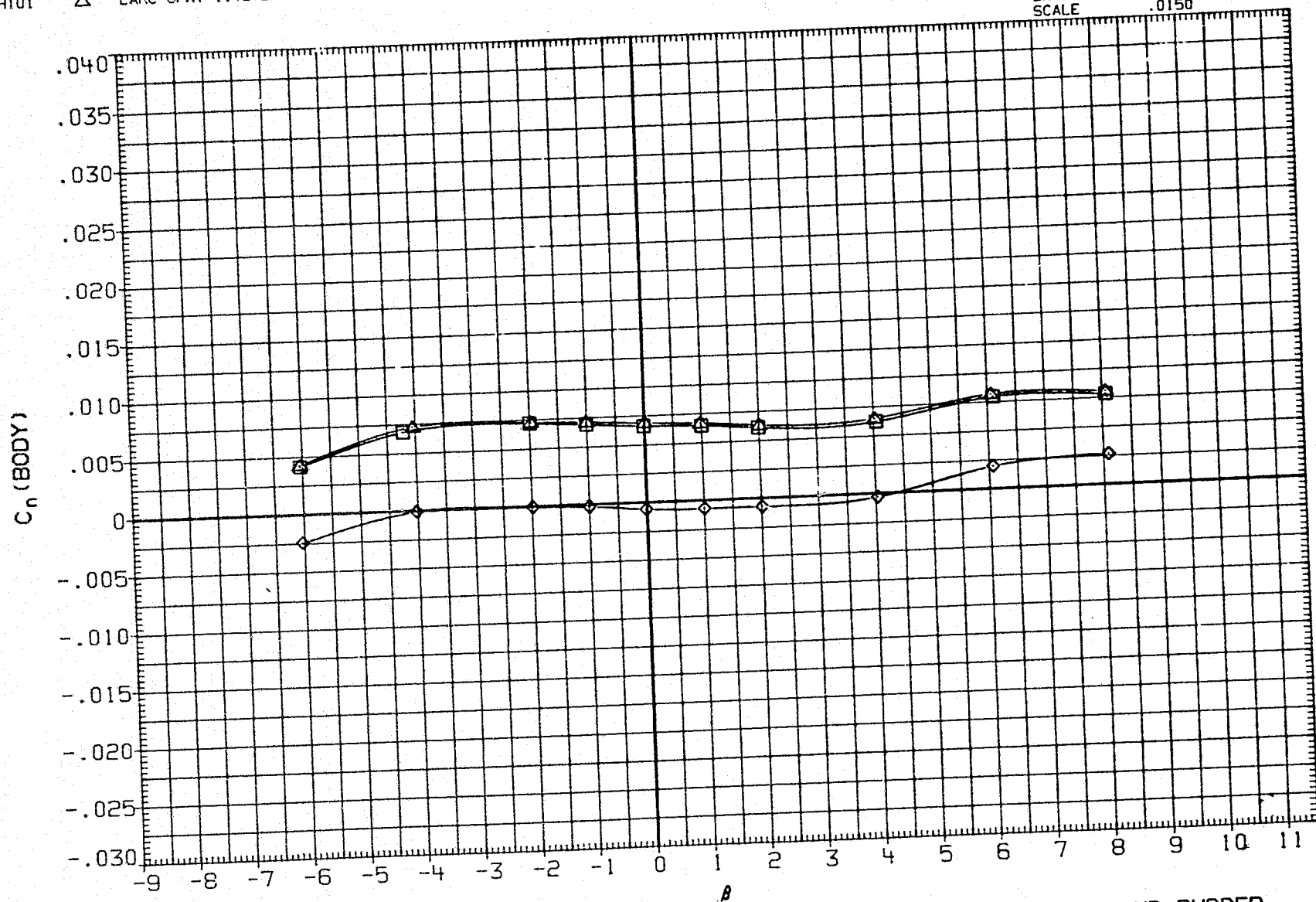


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH088	○ DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH097	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

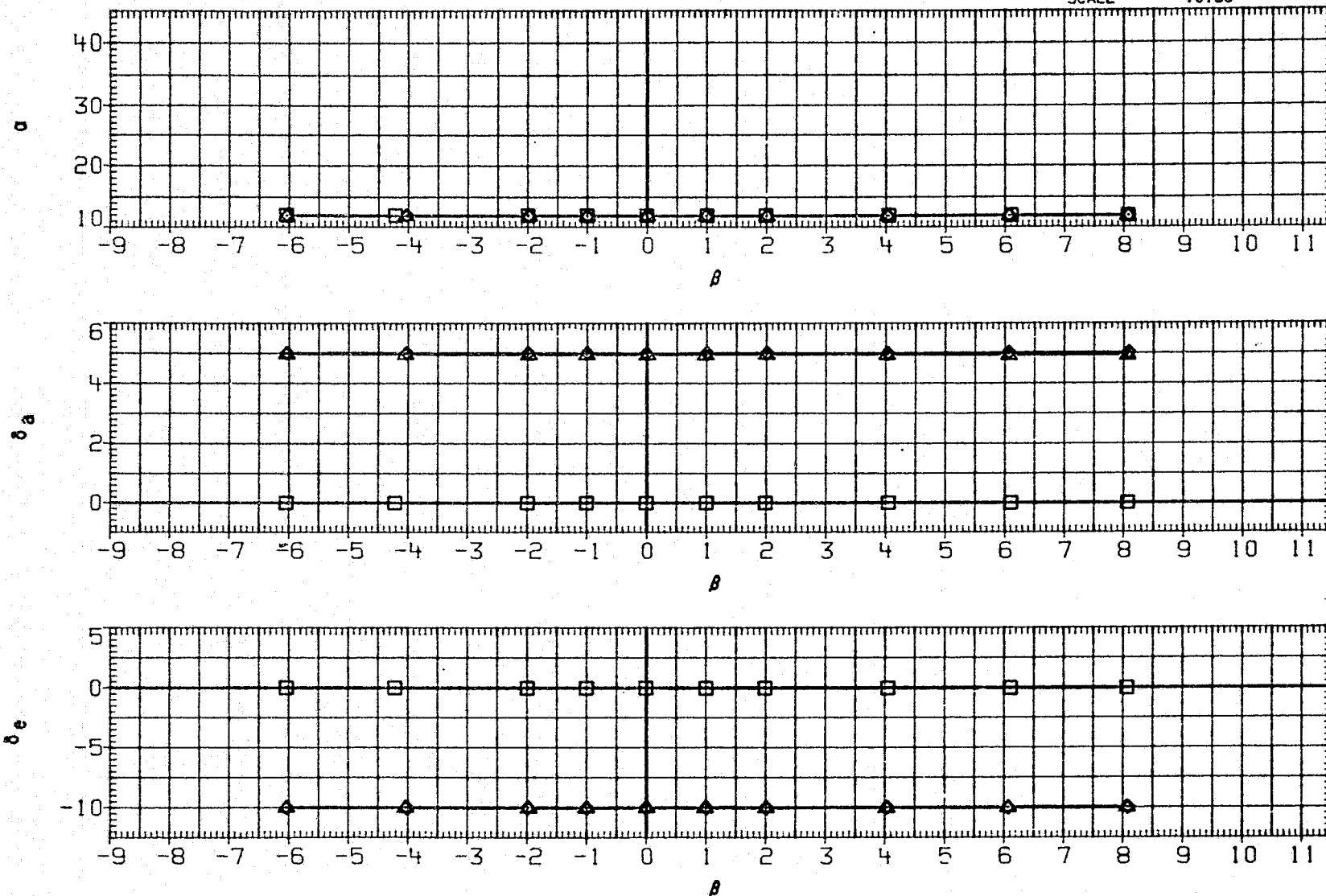


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○	DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

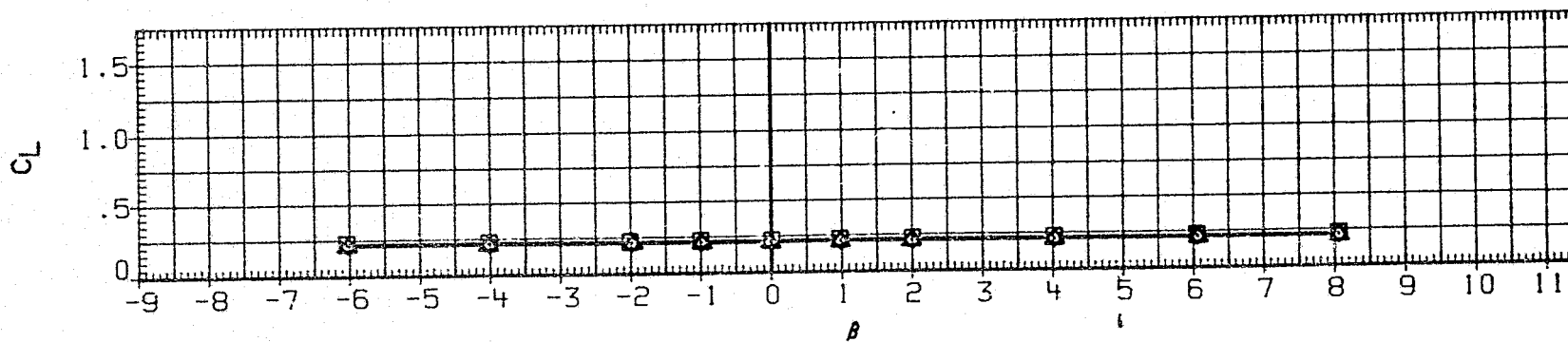
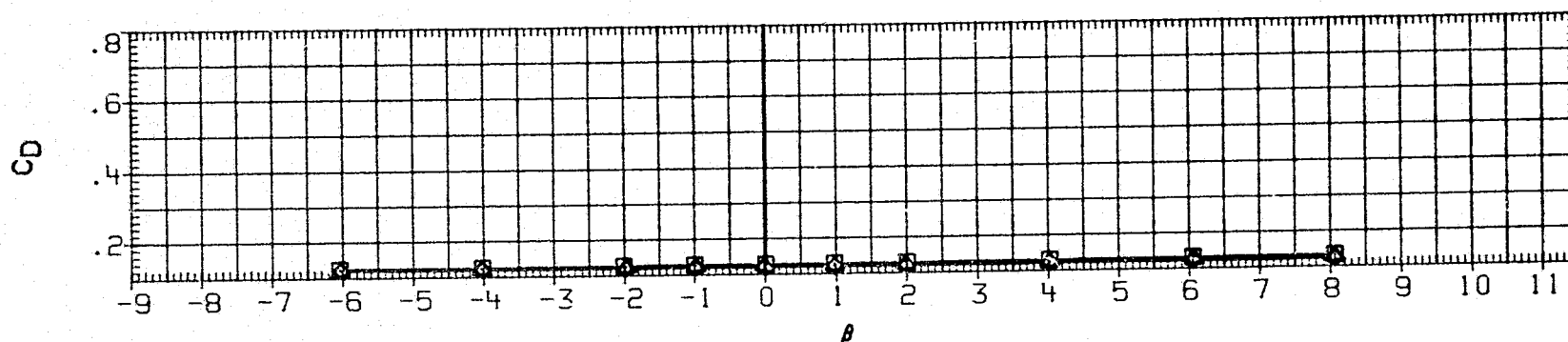
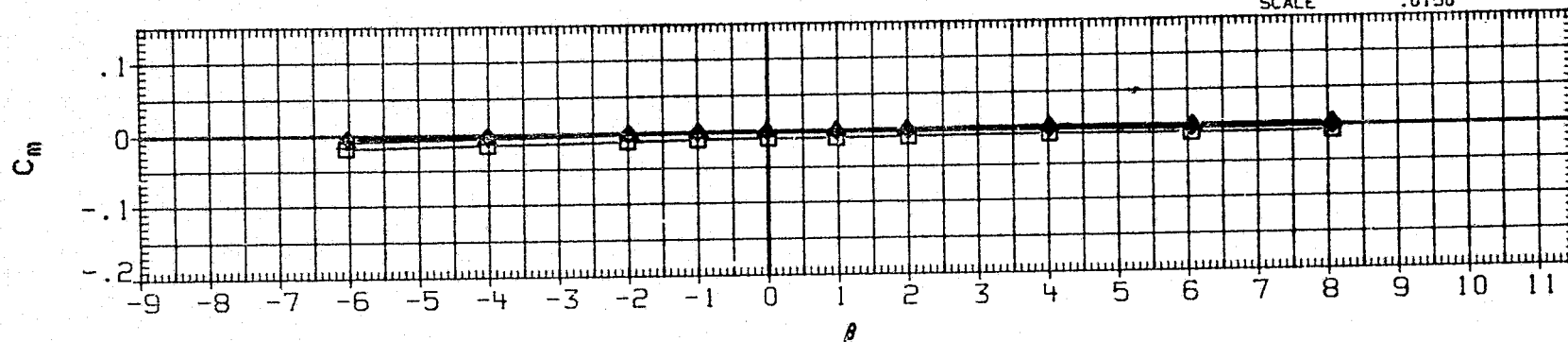


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○ DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH097	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

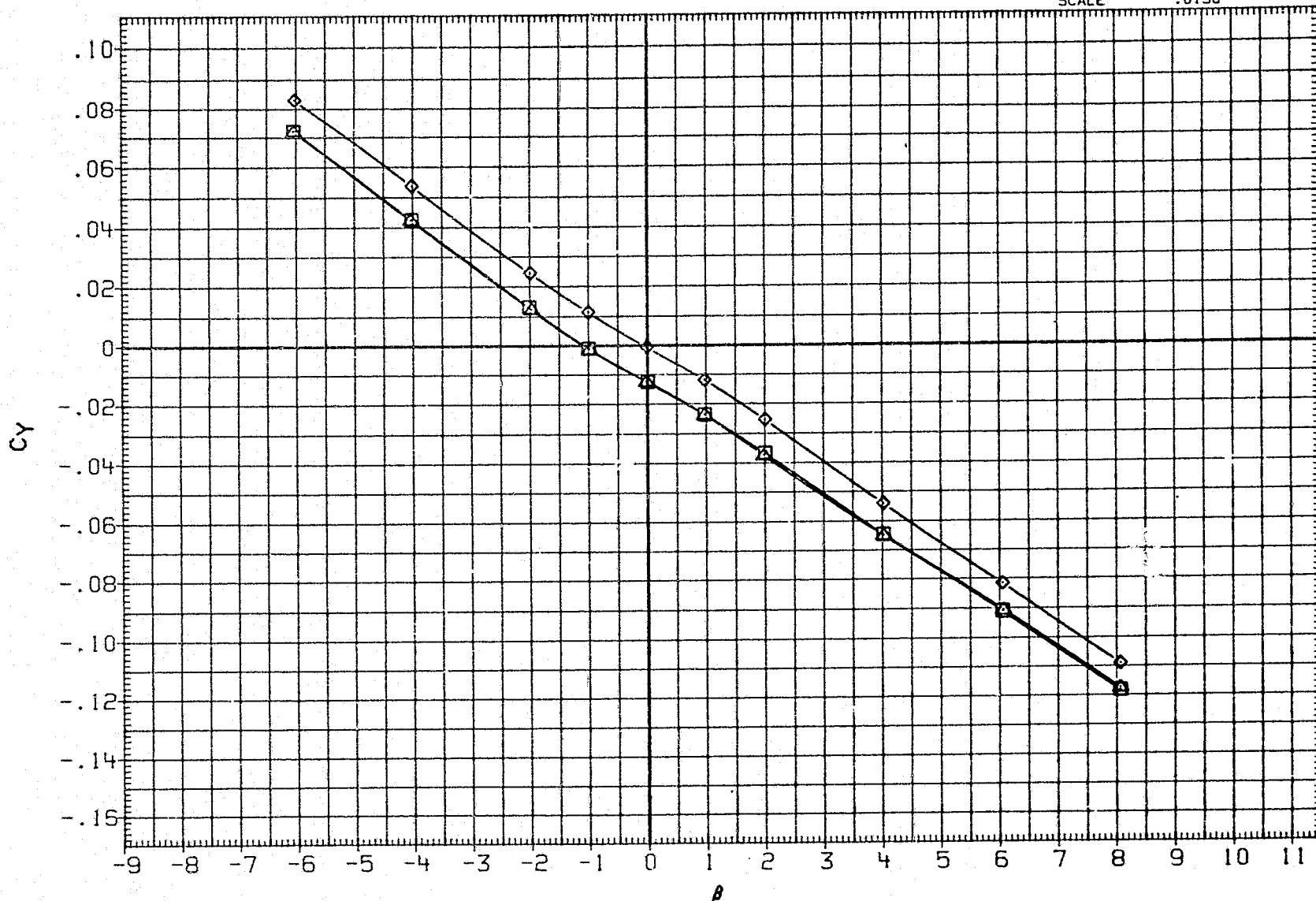


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(B)MACH = 3.90

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○	DATA NOT AVAILABLE	12.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH097	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	



FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(B)MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

AJH088	○	DATA NOT AVAILABLE
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
12.000	.000	.000	.000	52.700
12.000	-10.000	.000	.000	52.700
12.000	.000	5.000	-10.000	52.700
12.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

SREF	2690.0000	SO.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XM RP	1076.7000	IN. XO
YM RP	.0000	IN. YO
ZM RP	375.0000	IN. ZO
SCALE	.0150	

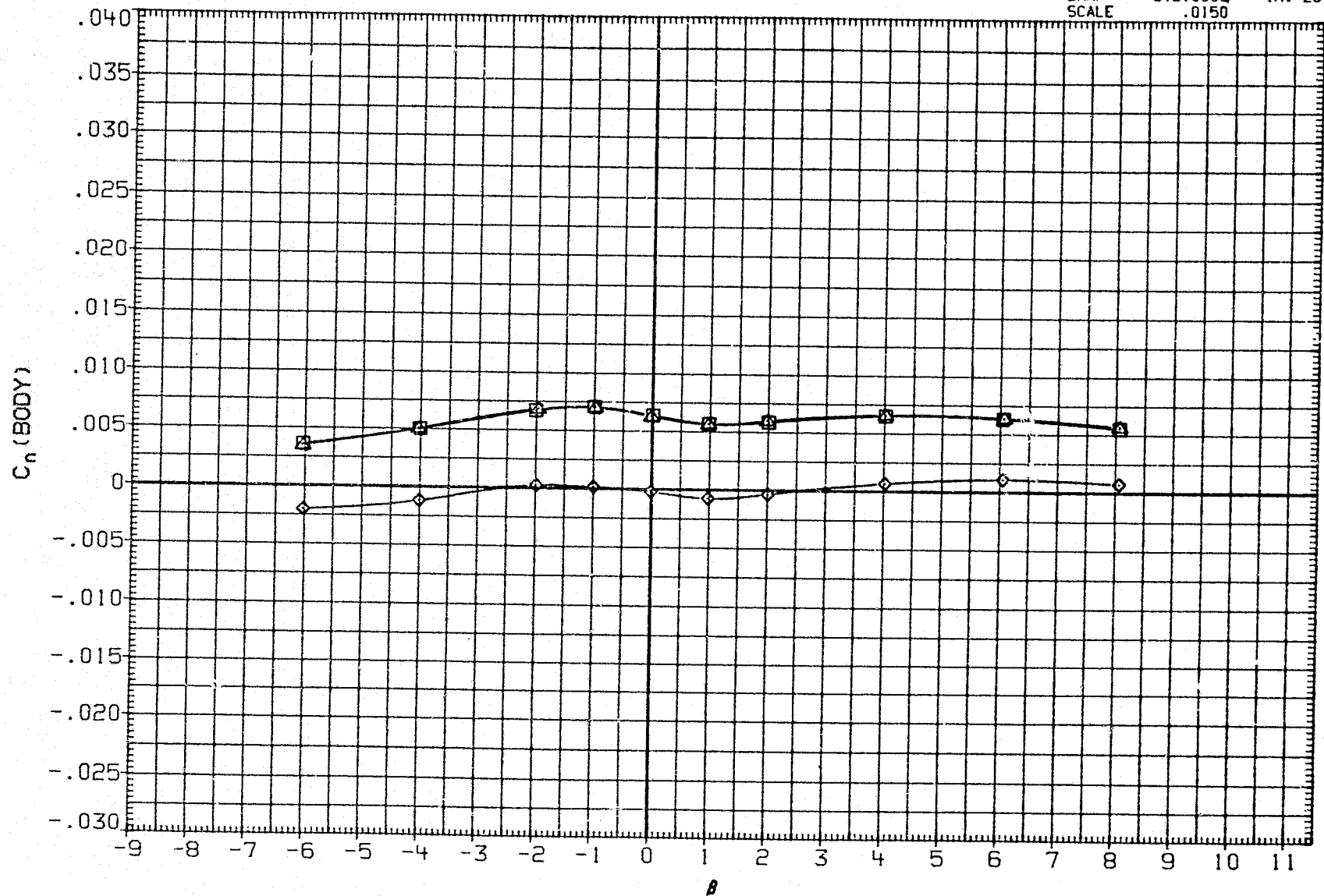


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(B) MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
12.000	.000	.000	.000	52.700
12.000	-10.000	.000	.000	52.700
12.000	.000	5.000	-10.000	52.700
12.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	930.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

AJH088	○	DATA NOT AVAILABLE
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

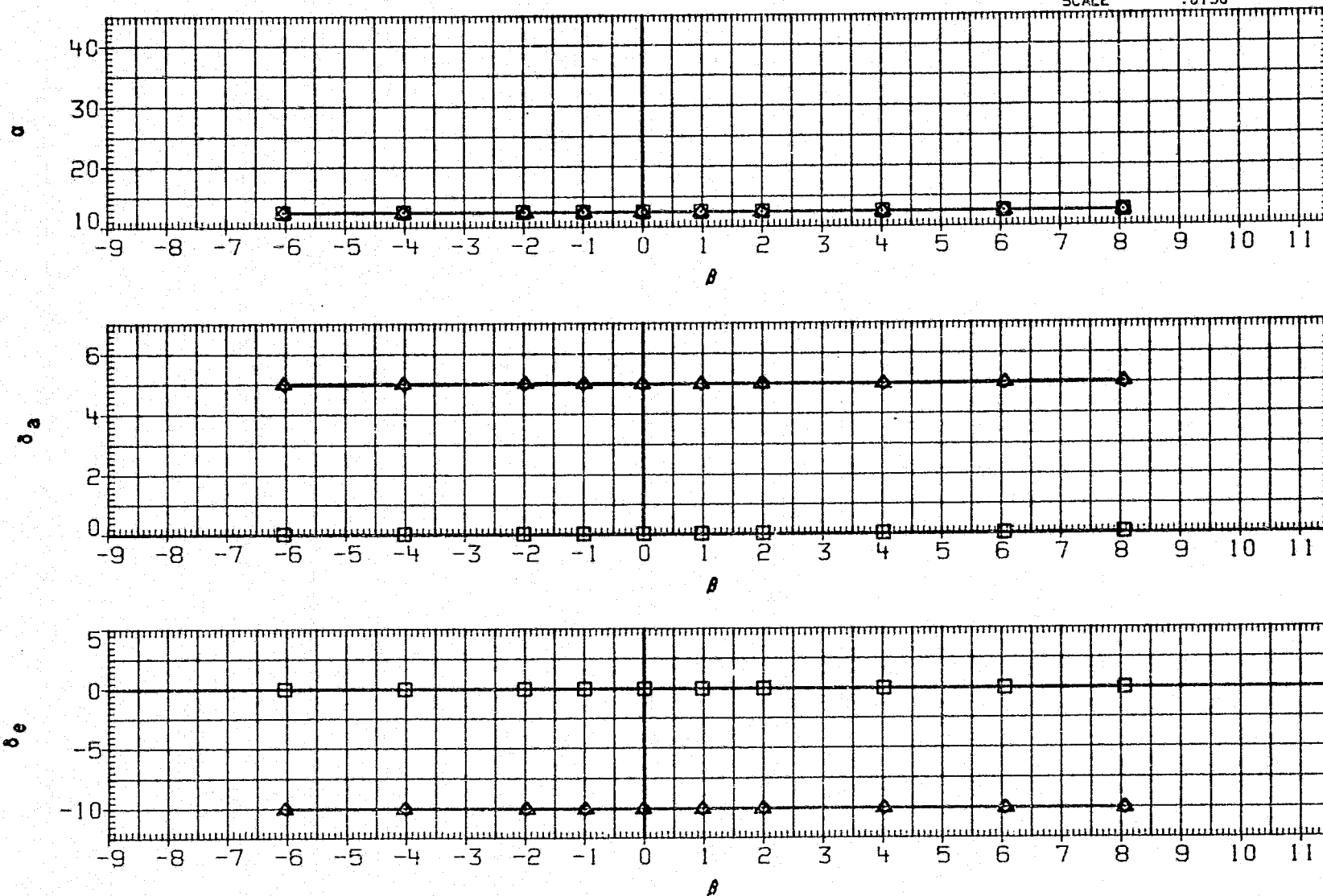


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(B)MACH = 3.90

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH088	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

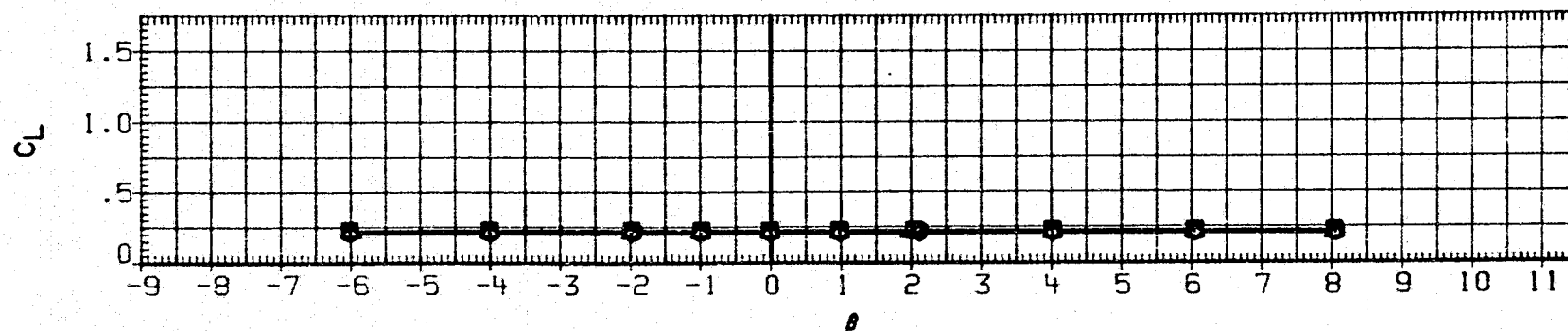
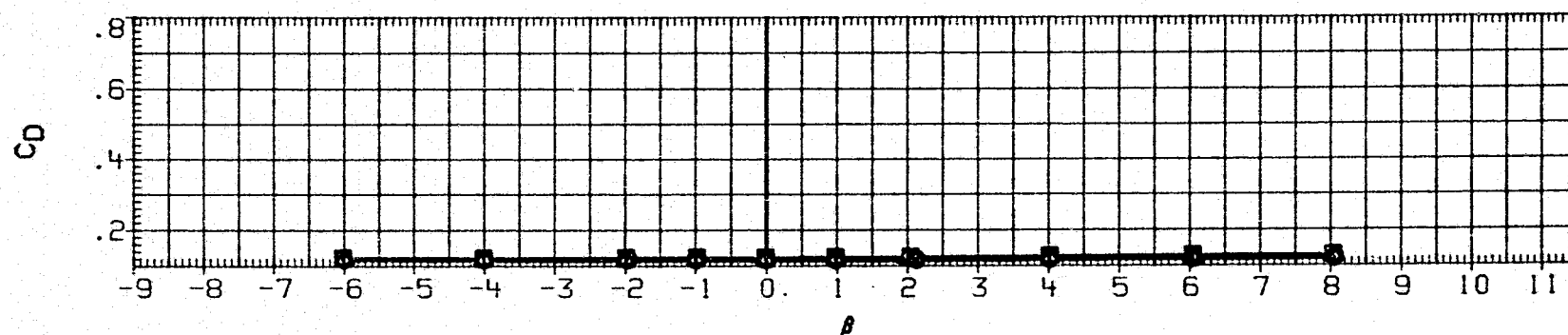
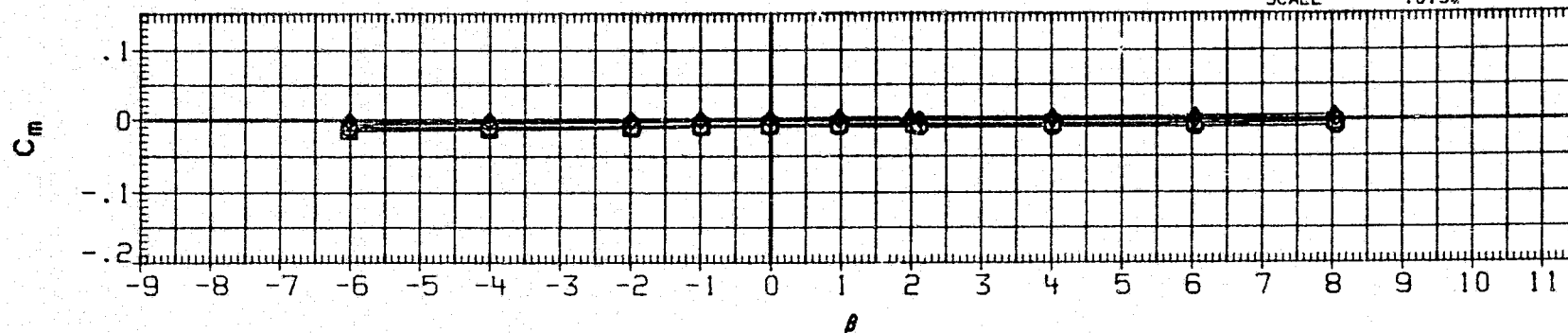


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(C) MACH = 4.60

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## DATA SET SYMBOL

## CONFIGURATION

AJH088	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH097	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
12.000	.000	.000	.000	52.700
12.000	-10.000	.000	.000	52.700
12.000	.000	5.000	-10.000	52.700
12.000	-10.000	5.000	-10.000	52.700

## REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

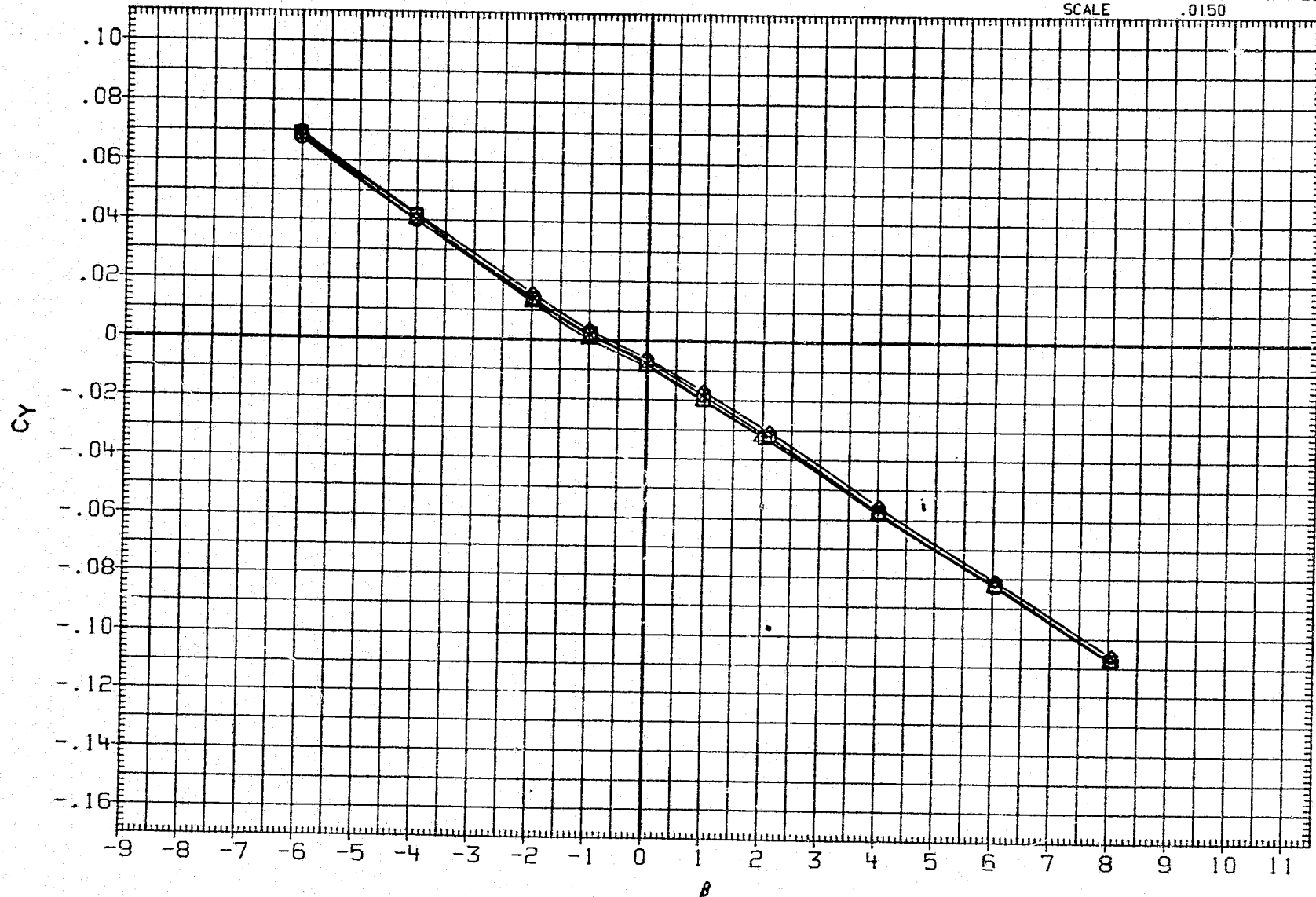


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(C) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILERON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH088	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH097	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH093	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH101	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. X0
							YMRP .0000 IN. Y0
							ZMRP 375.0000 IN. Z0
							SCALE .0150

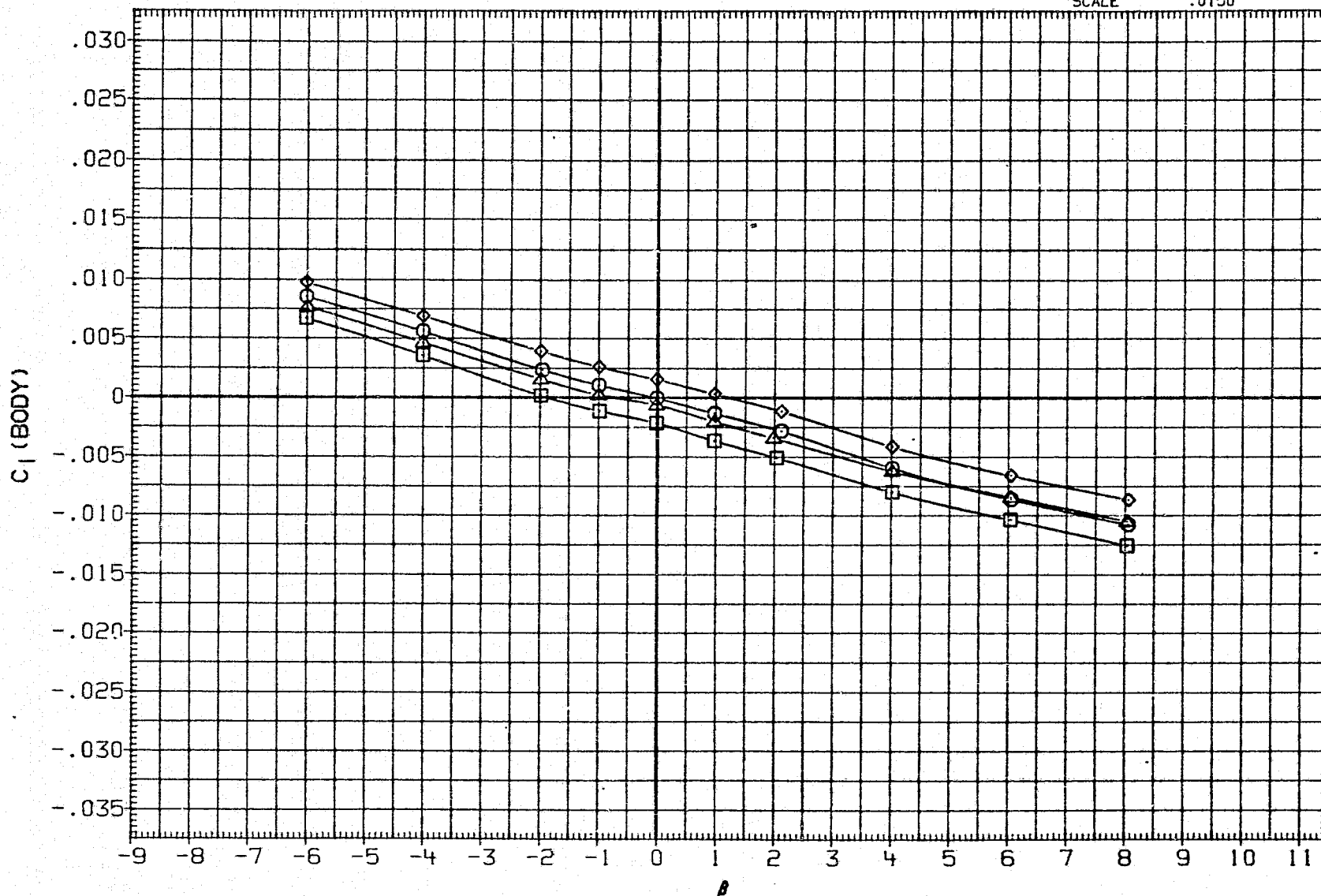


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(C) MACH = 4.60

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION
AJH088	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH097	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH093	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH101	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	12.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. XO YMRP .0000 IN. YO ZMRP 375.0000 IN. ZO SCALE .0150

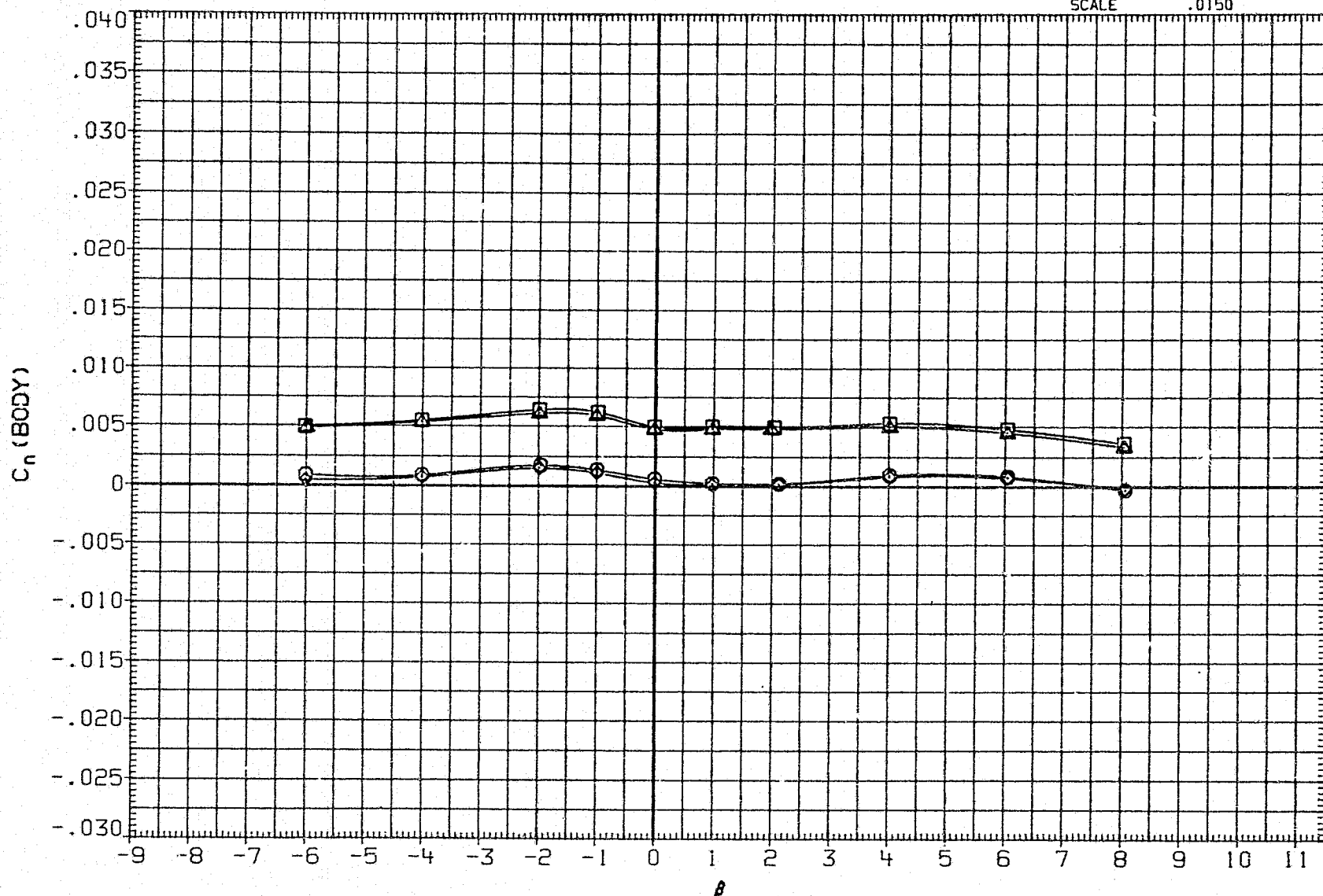


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(C) MACH = 4.60

## DATA SET SYMBOL

## CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
12.000	.000	.000	.000	52.700
12.000	-10.000	.000	.000	52.700
12.000	.000	5.000	-10.000	52.700
12.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

AJH088	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH097	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH093	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH101	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

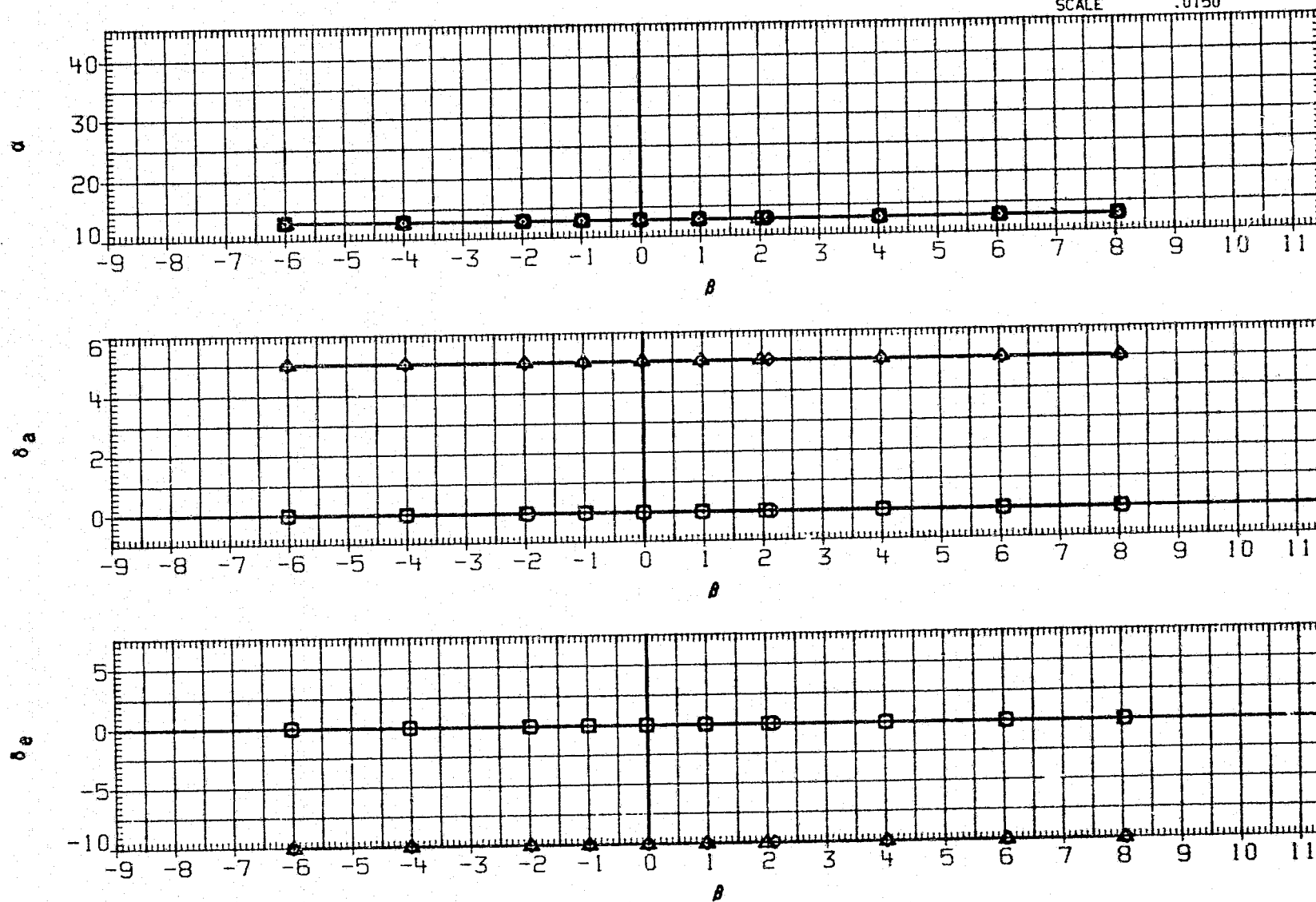


FIGURE 18(B). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 12 DEG.

(C)MACH = 4.60

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION	
AJH090	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000 SQ.FT.
AJH098	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000 INCHES
AJH094	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800 INCHES
AJH102	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000 IN. XO
								YMRP	.0000 IN. YO
								ZMRP	375.0000 IN. ZO
								SCALE	.0150

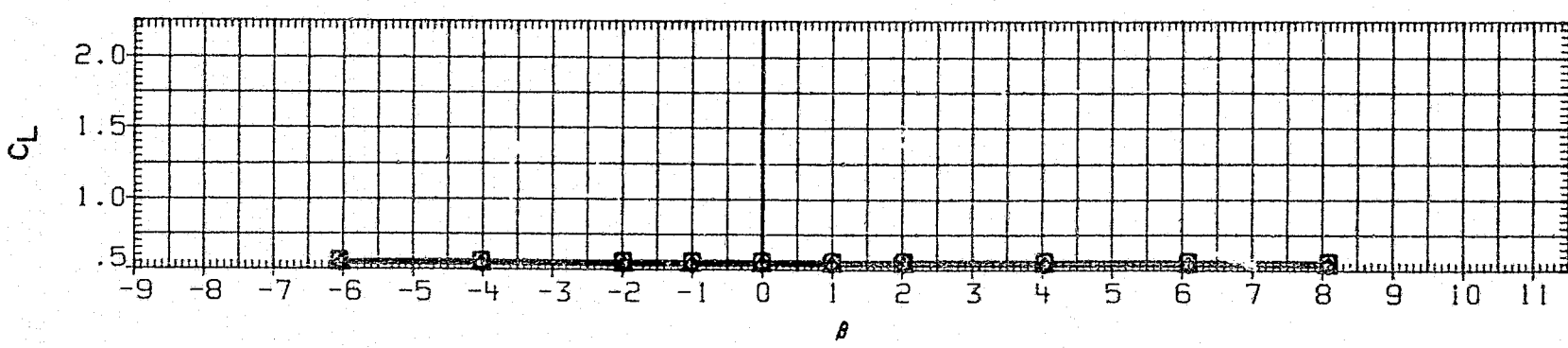
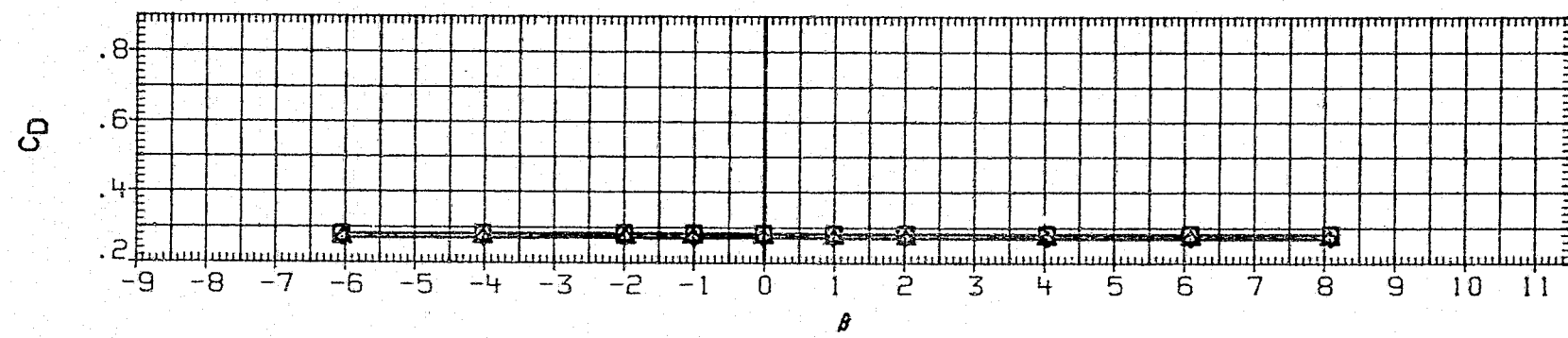
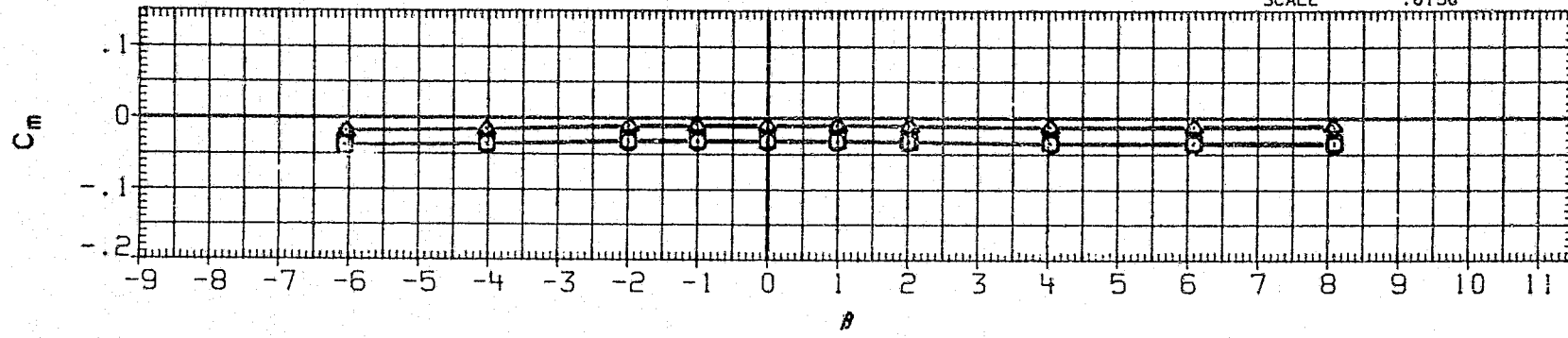


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH090	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH098	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

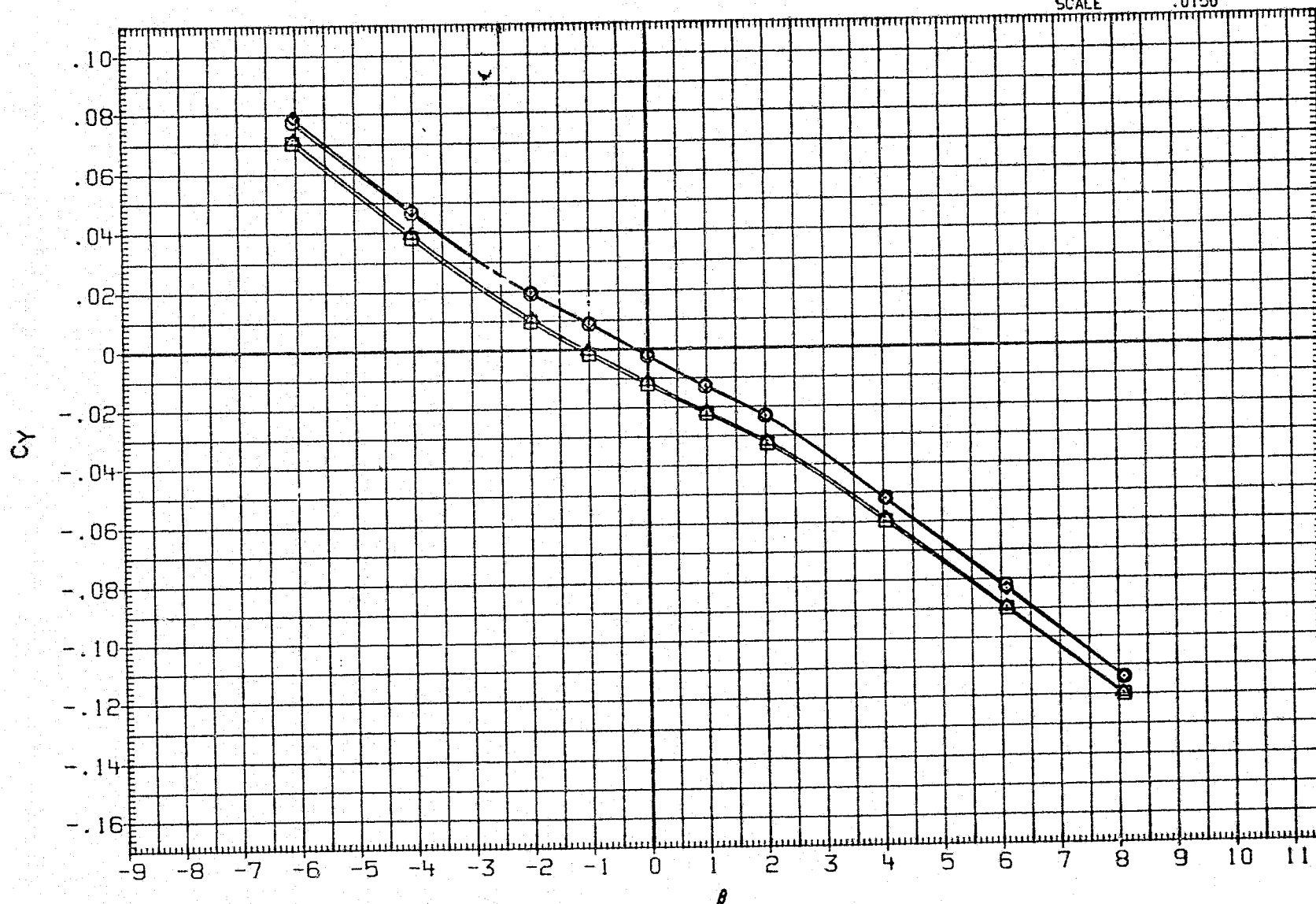


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	50. FT.
AJH098	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

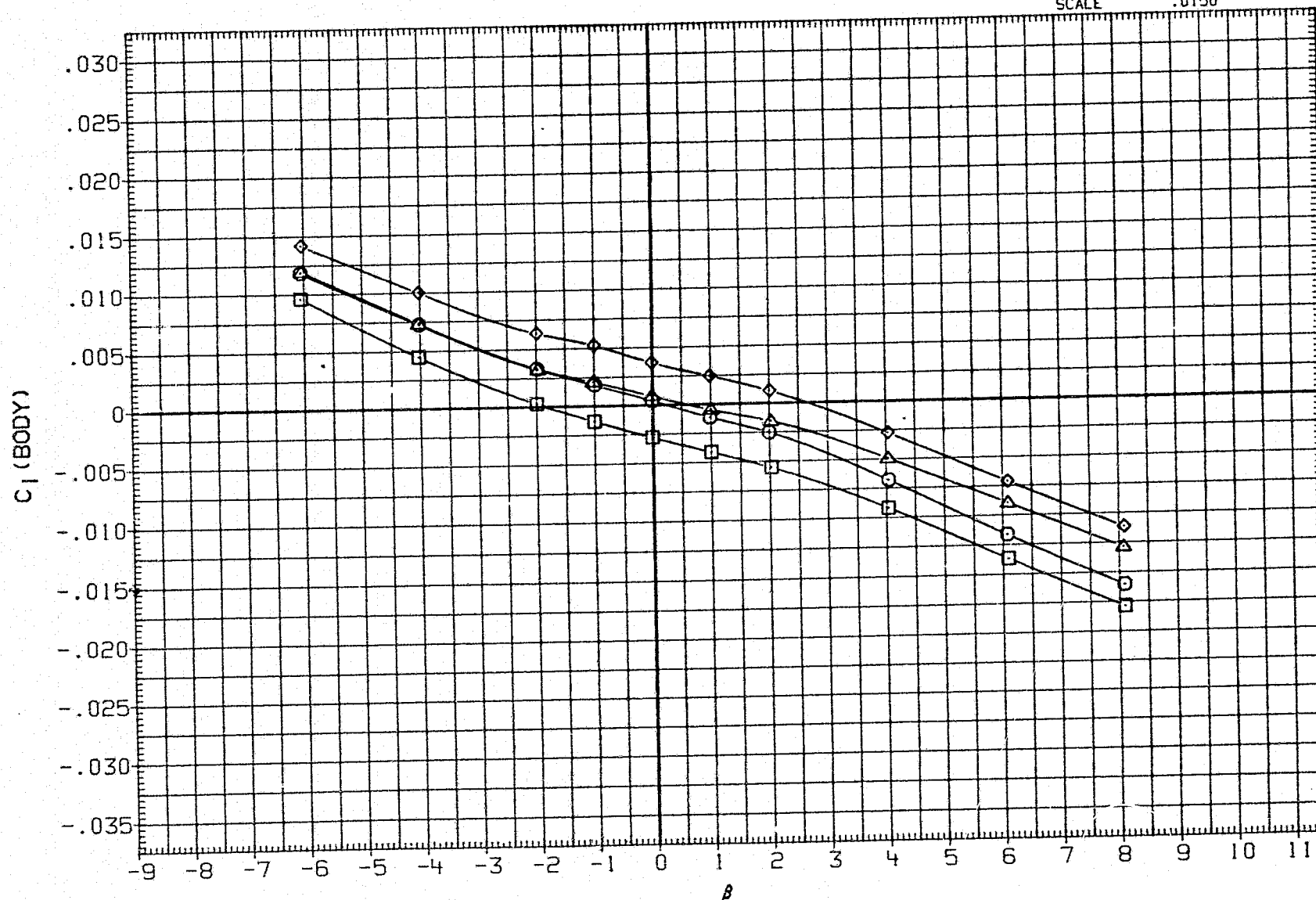


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH090	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH098	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH094	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH102	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. X0 YMRP .0000 IN. Y0 ZMRP 375.0000 IN. Z0 SCALE .0150

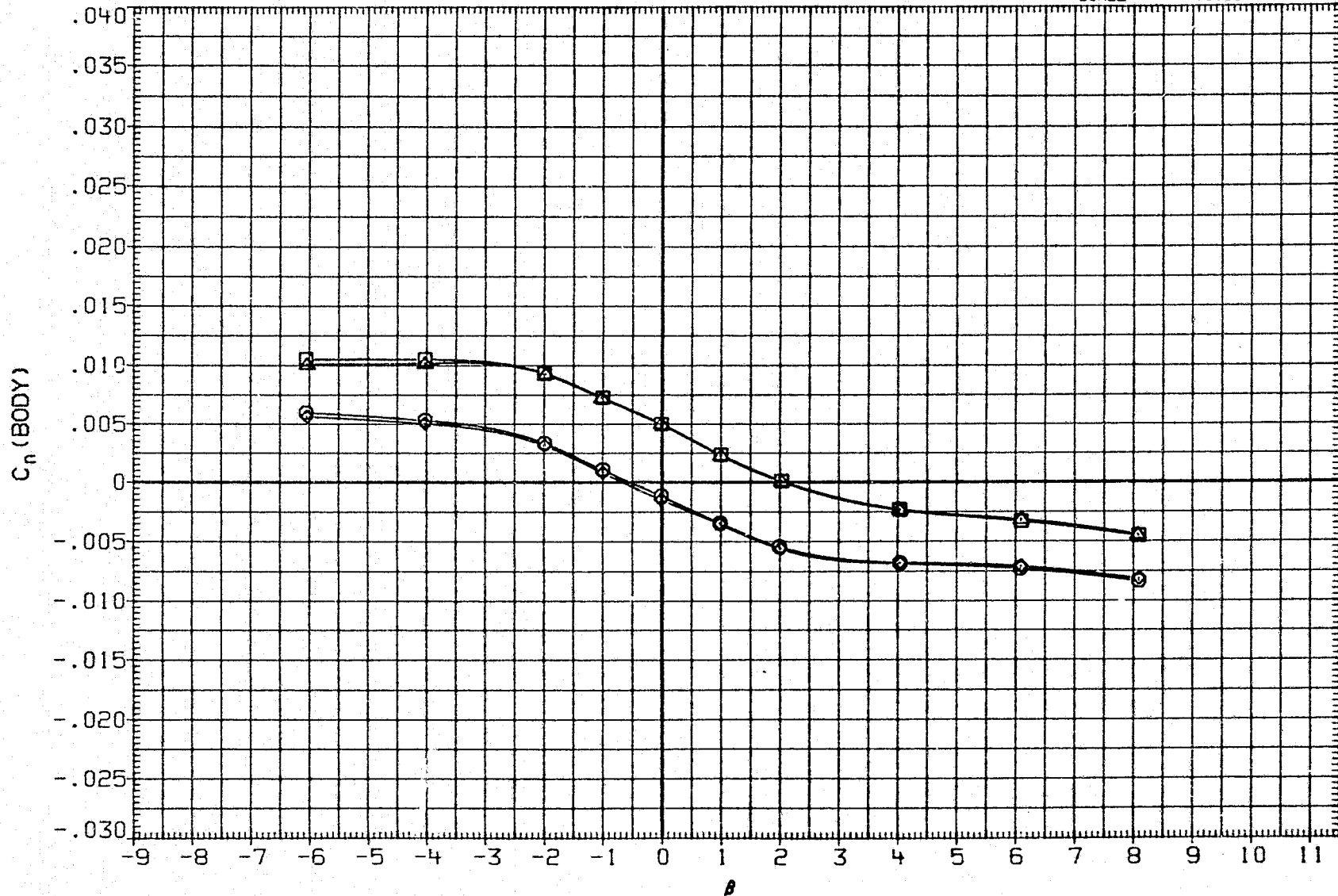


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH090	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	50.FT.
AJH098	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

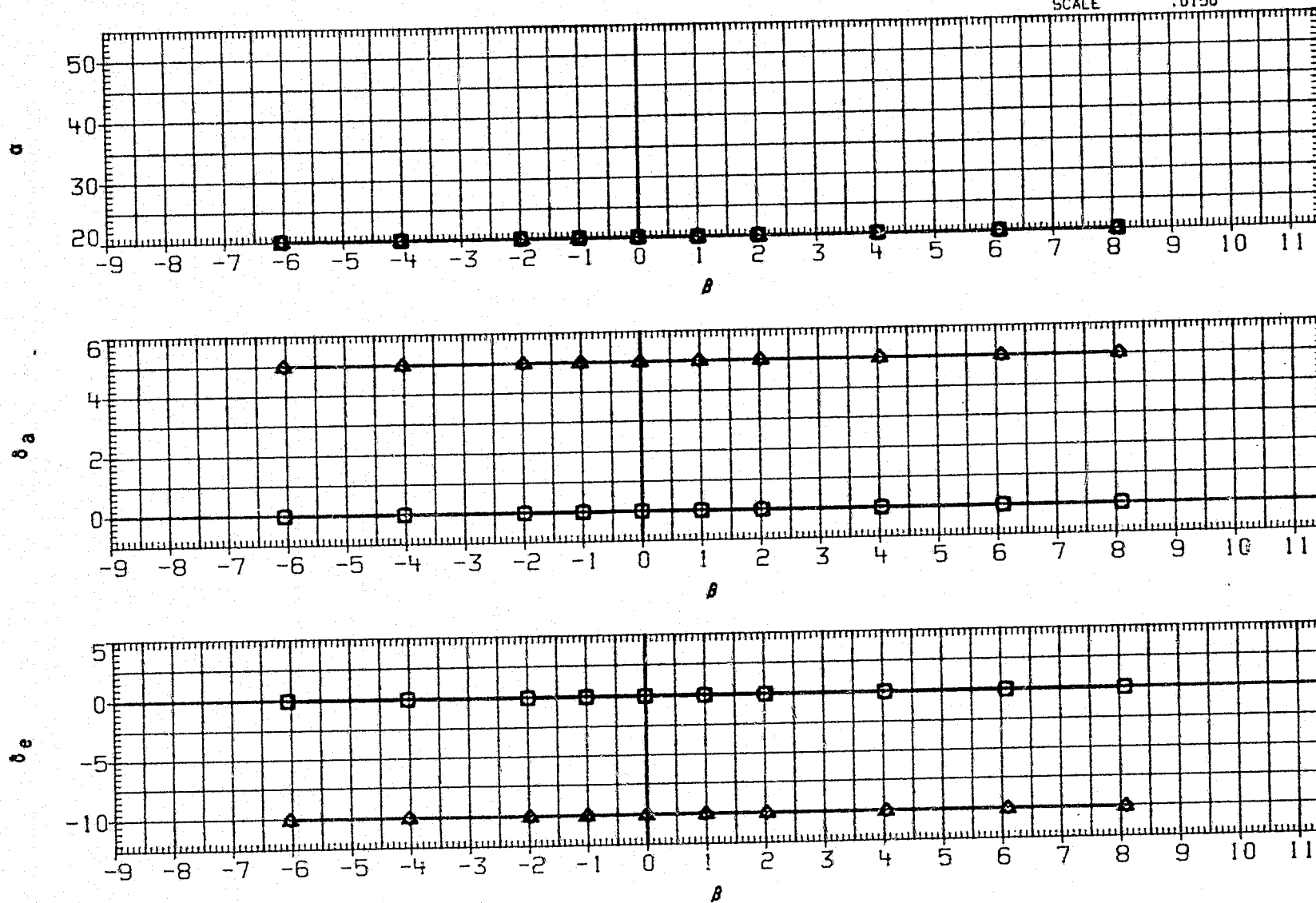


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH098	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

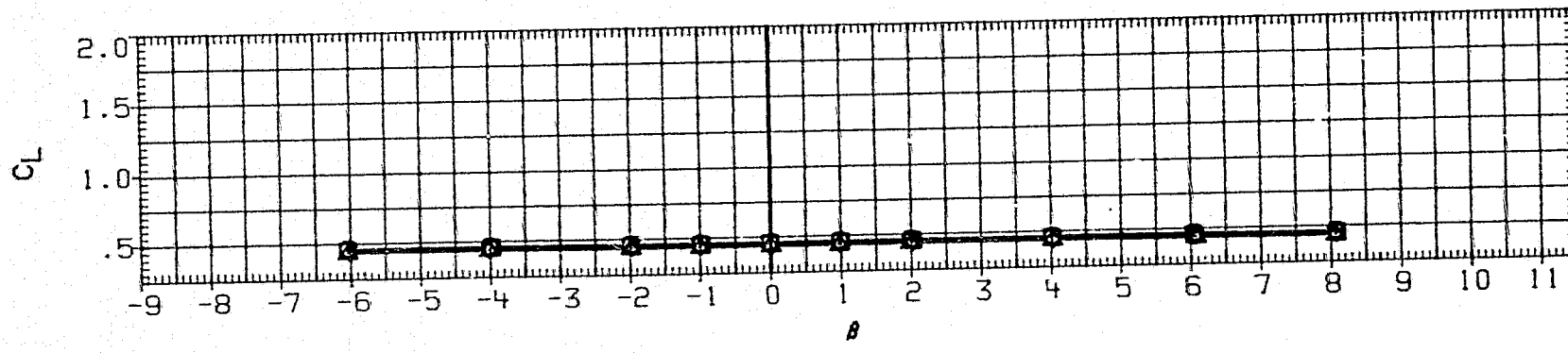
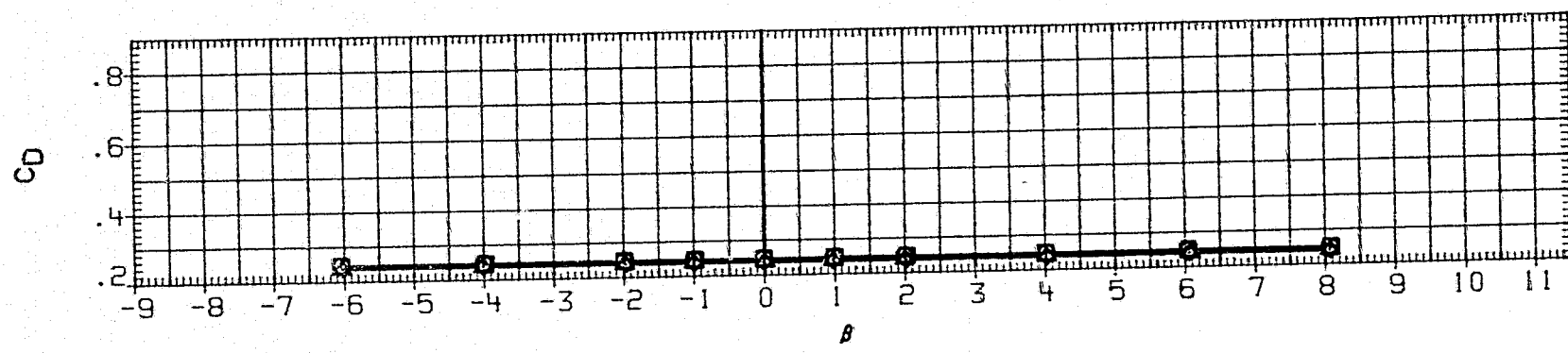
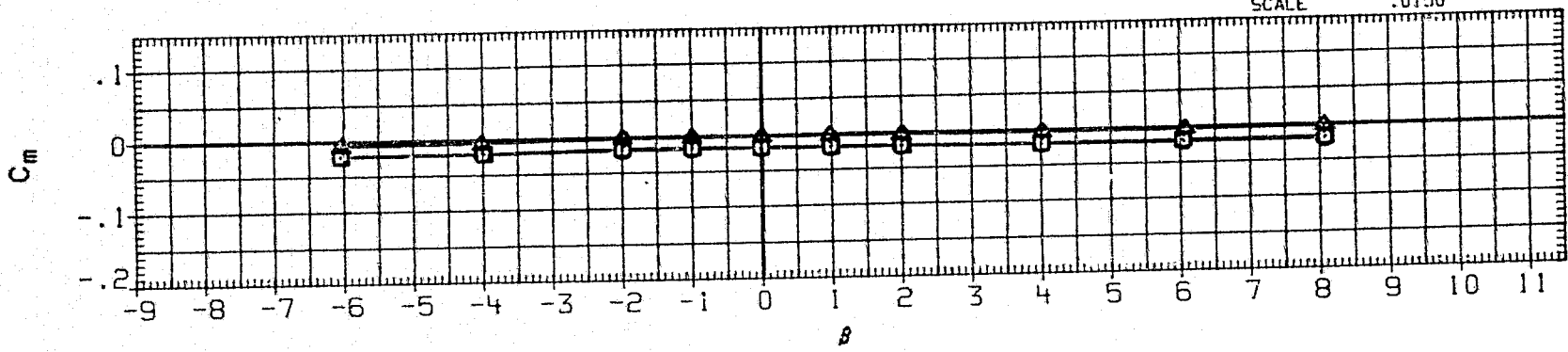


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	○ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH098	□ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	◇ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	△ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

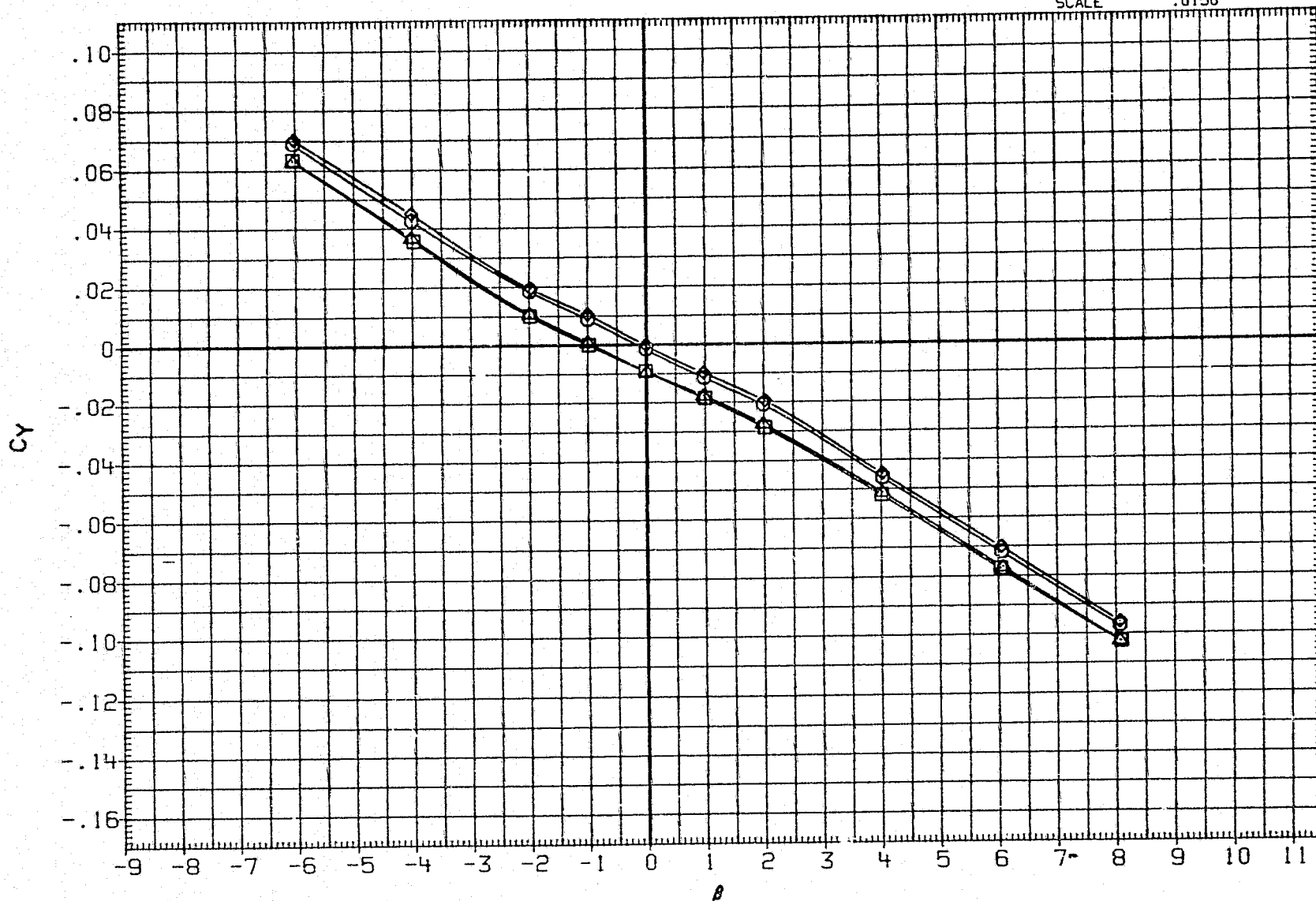


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH098	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

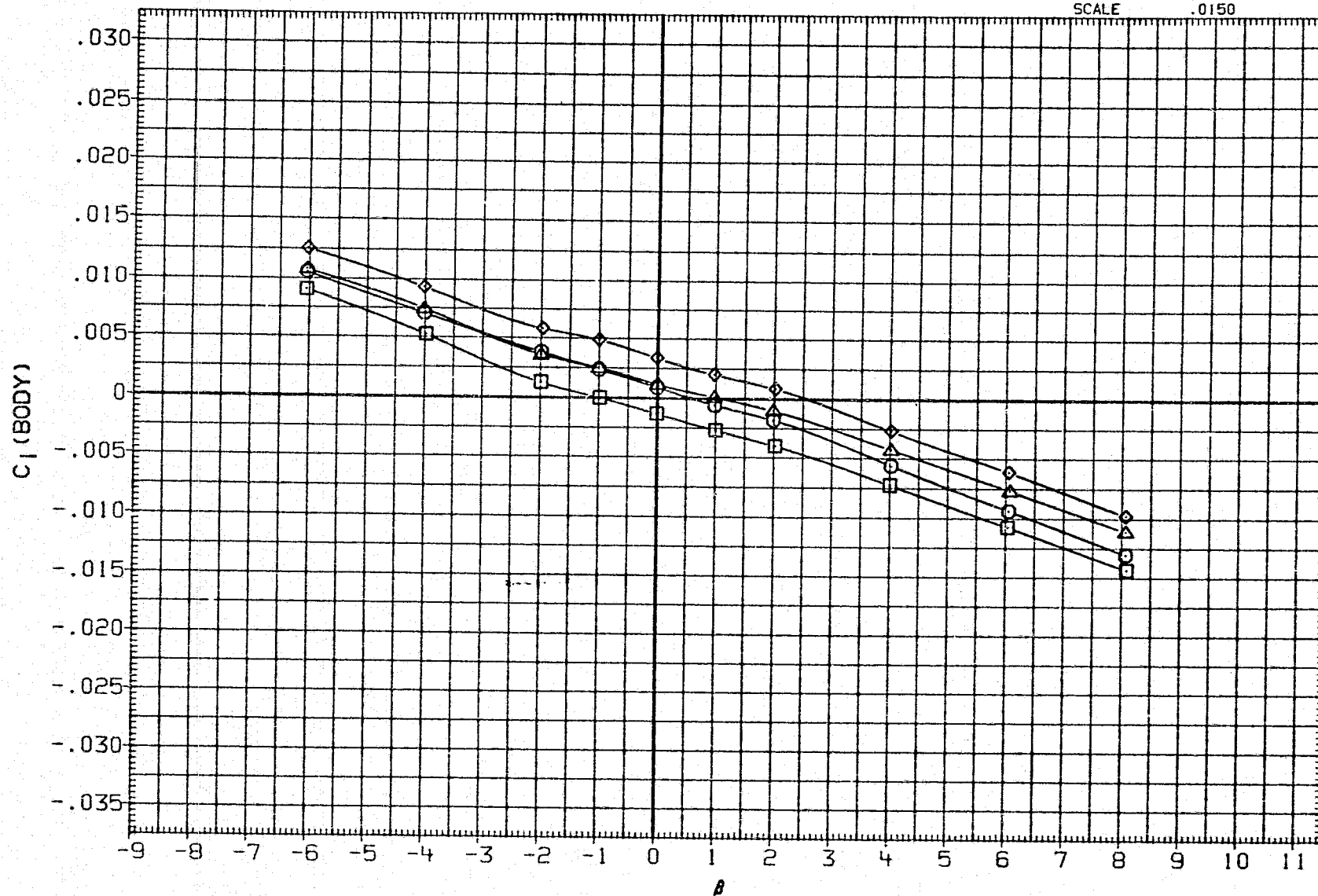


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR



DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH090	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH098	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH094	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH102	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. XO YMRP .0000 IN. YO ZMRP 375.0000 IN. ZO SCALE .0150

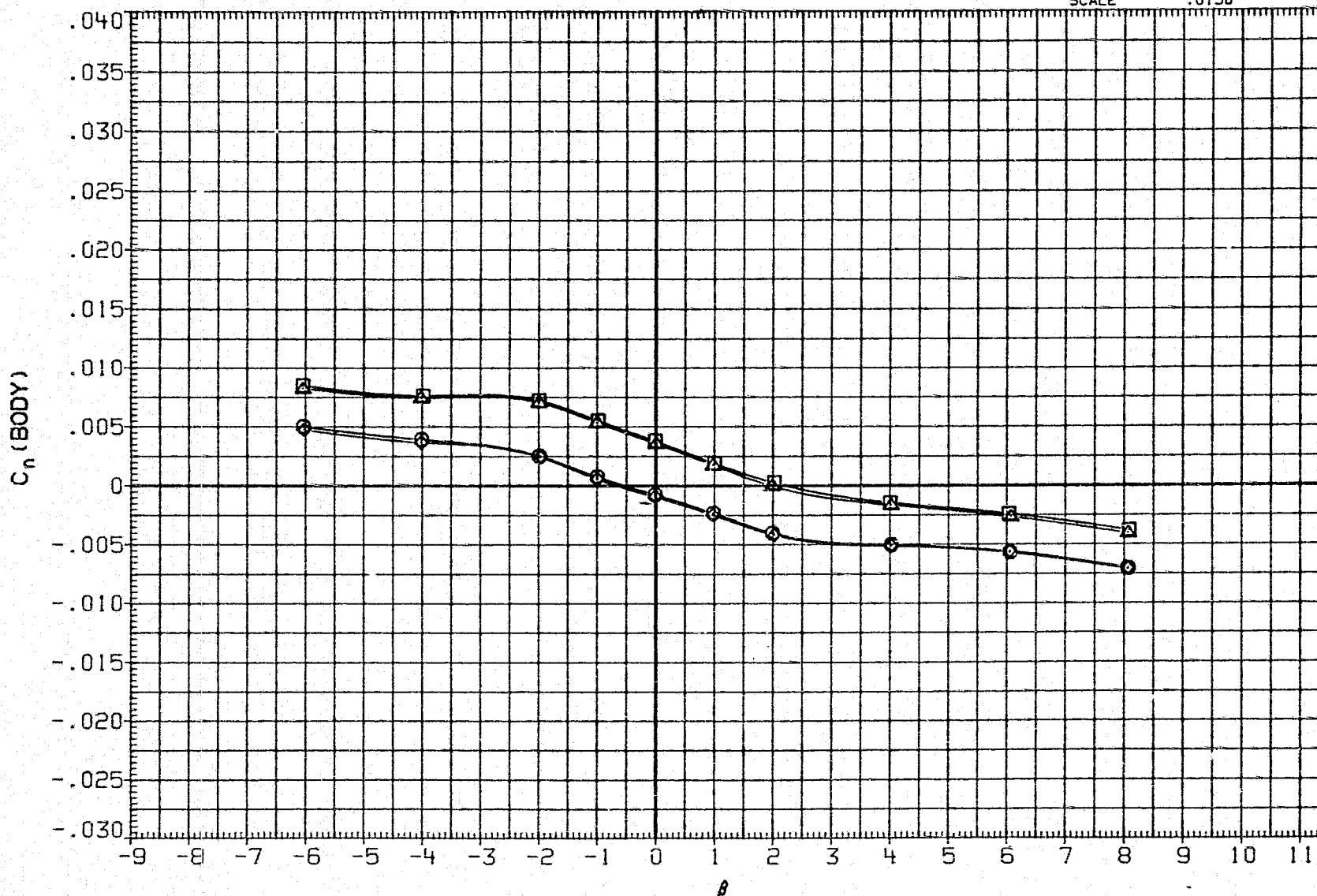


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

ALPHA RUDDER AILERON ELEVON SPD BRK

## REFERENCE INFORMATION

AJH090	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	50. FT.
AJH098	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

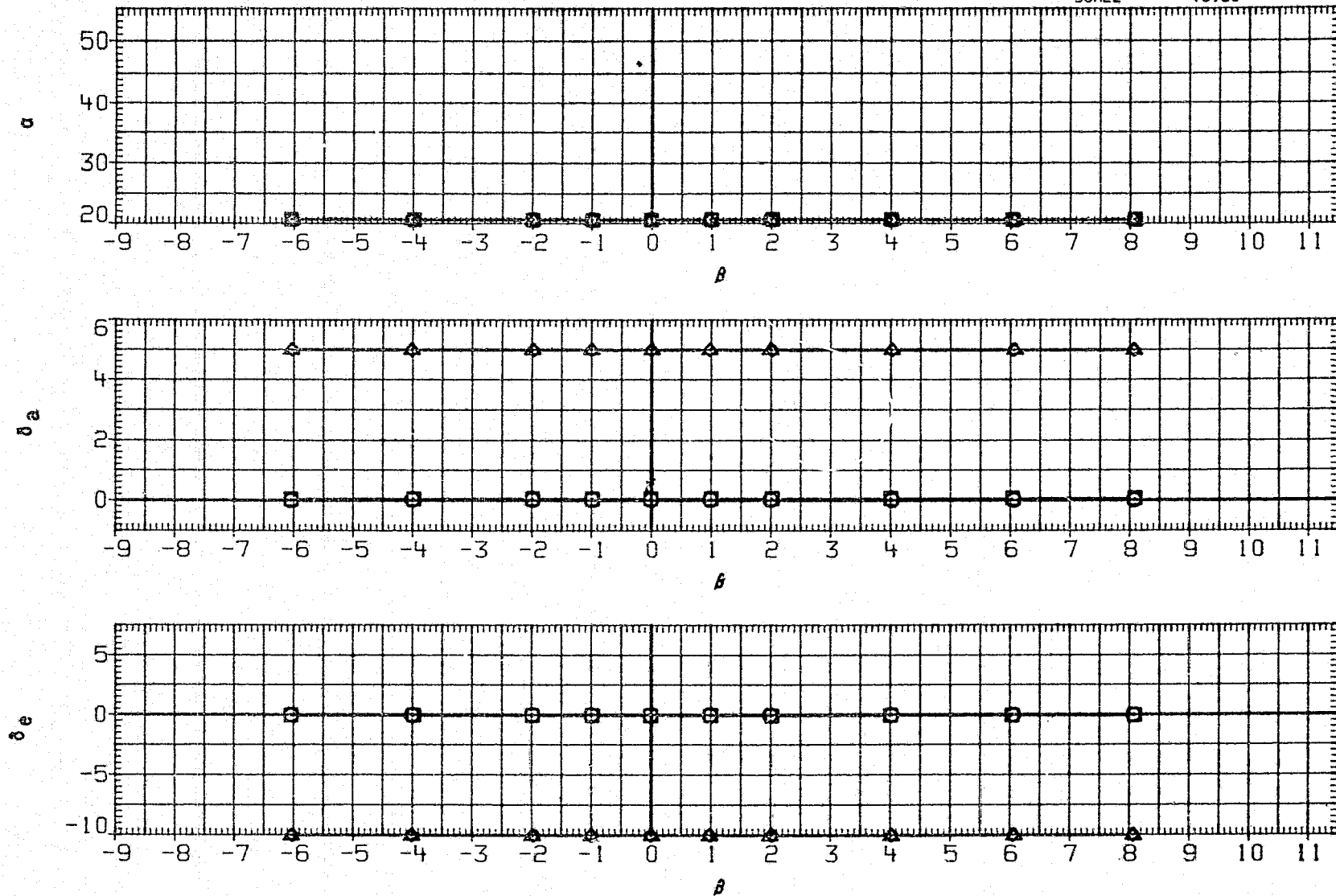


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH098	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

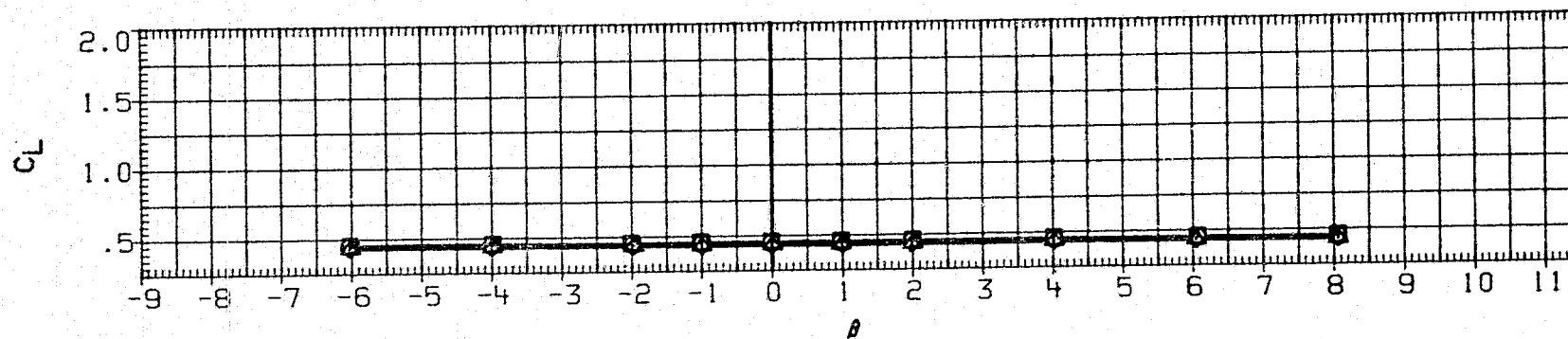
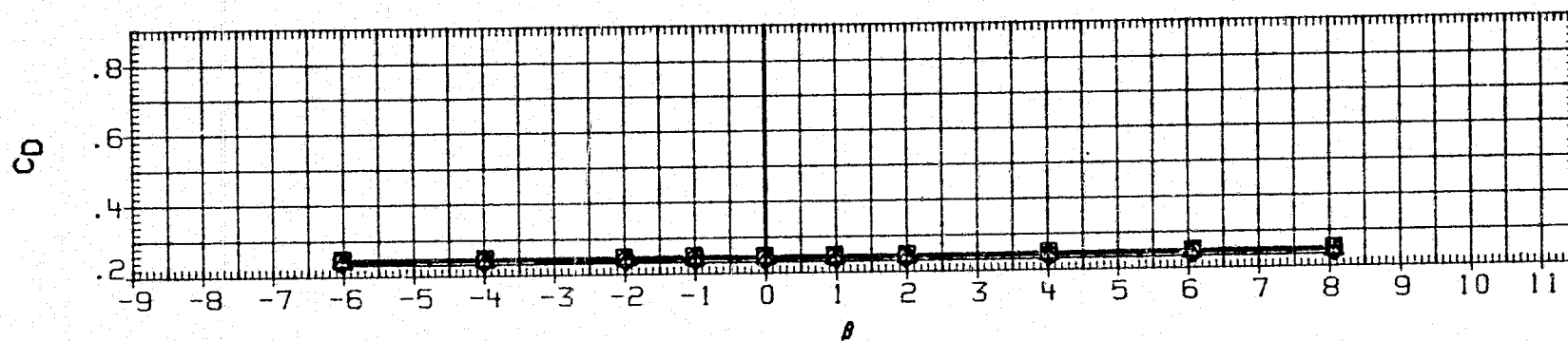
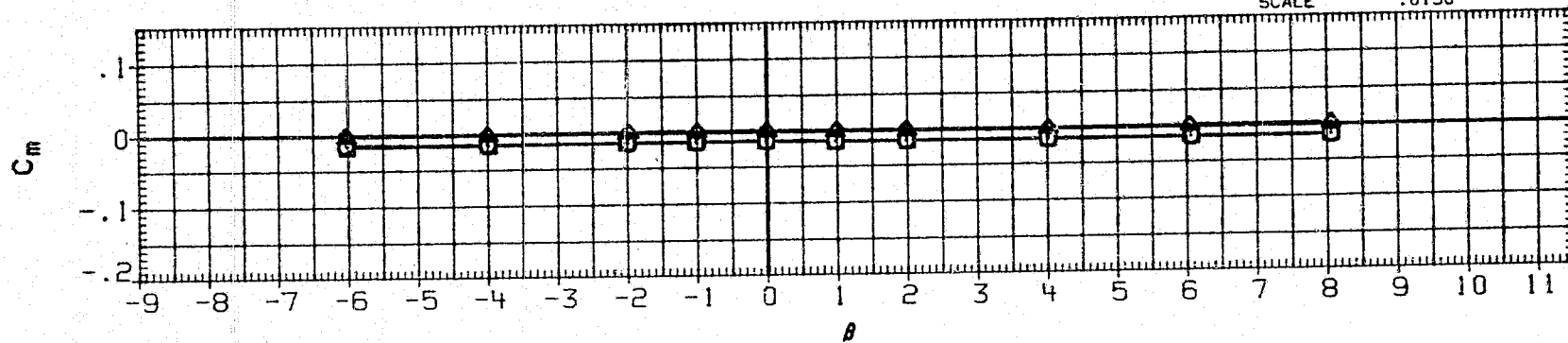


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH090	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
AJH098	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH094	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH102	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

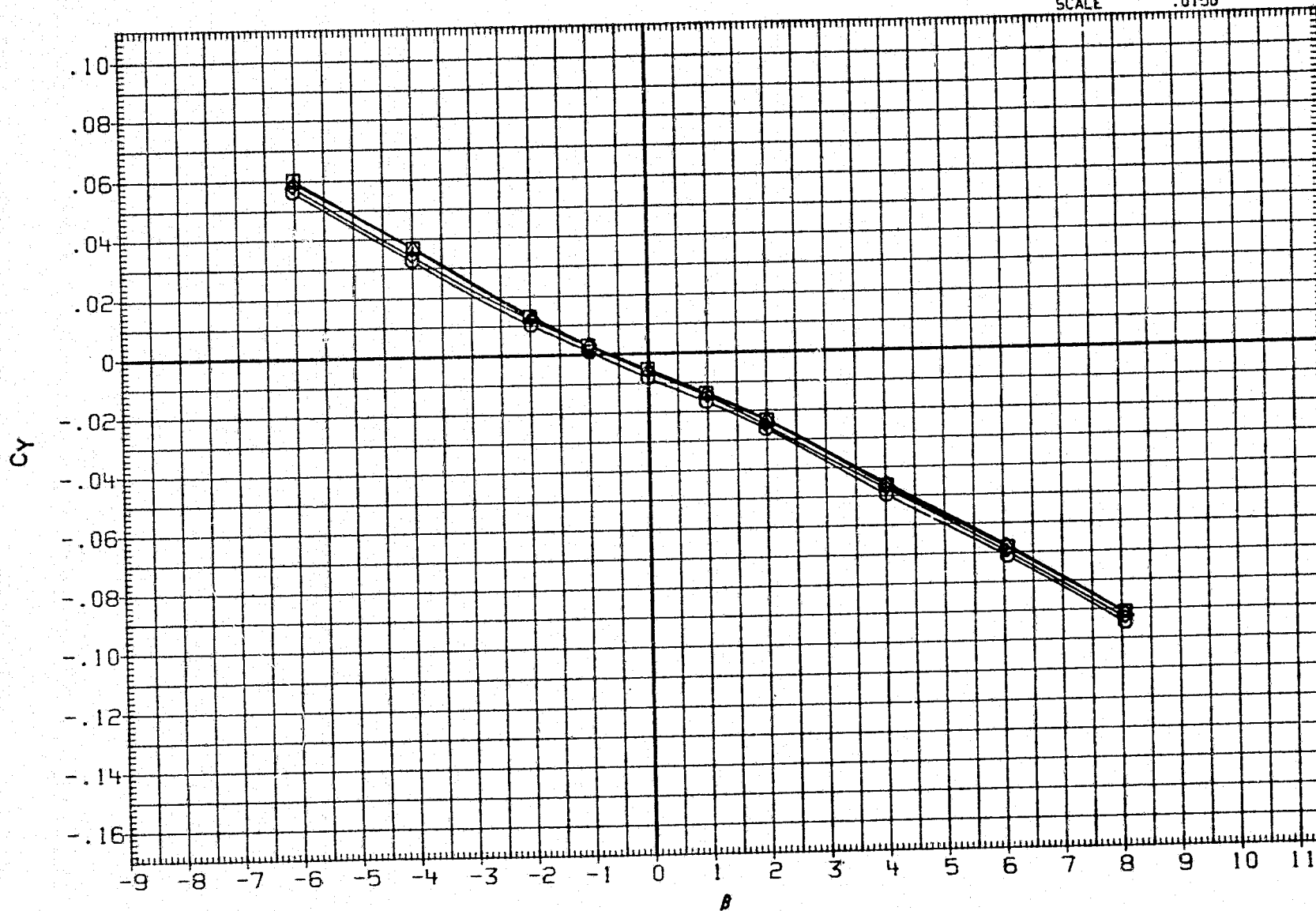


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(C) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION
AJH090	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH098	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH094	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH102	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. XO
							YMRP .0000 IN. YO
							ZMRP 375.0000 IN. ZO
							SCALE .0150

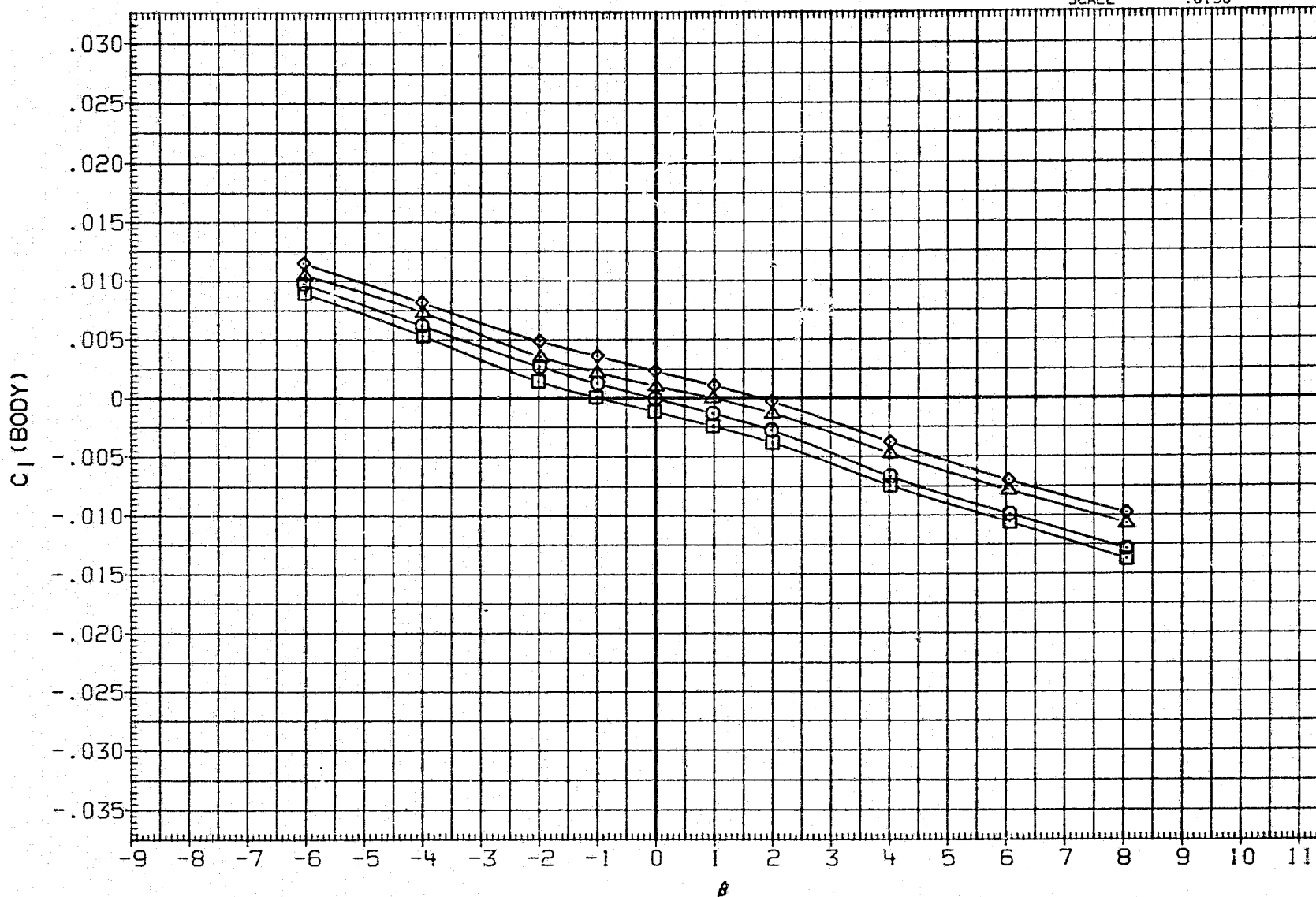


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

## DATA SET SYMBOL

## CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	52.700
20.000	-10.000	.000	.000	52.700
20.000	.000	5.000	-10.000	52.700
20.000	-10.000	5.000	-10.000	52.700

## REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

AJH090	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH098	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH094	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH102	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

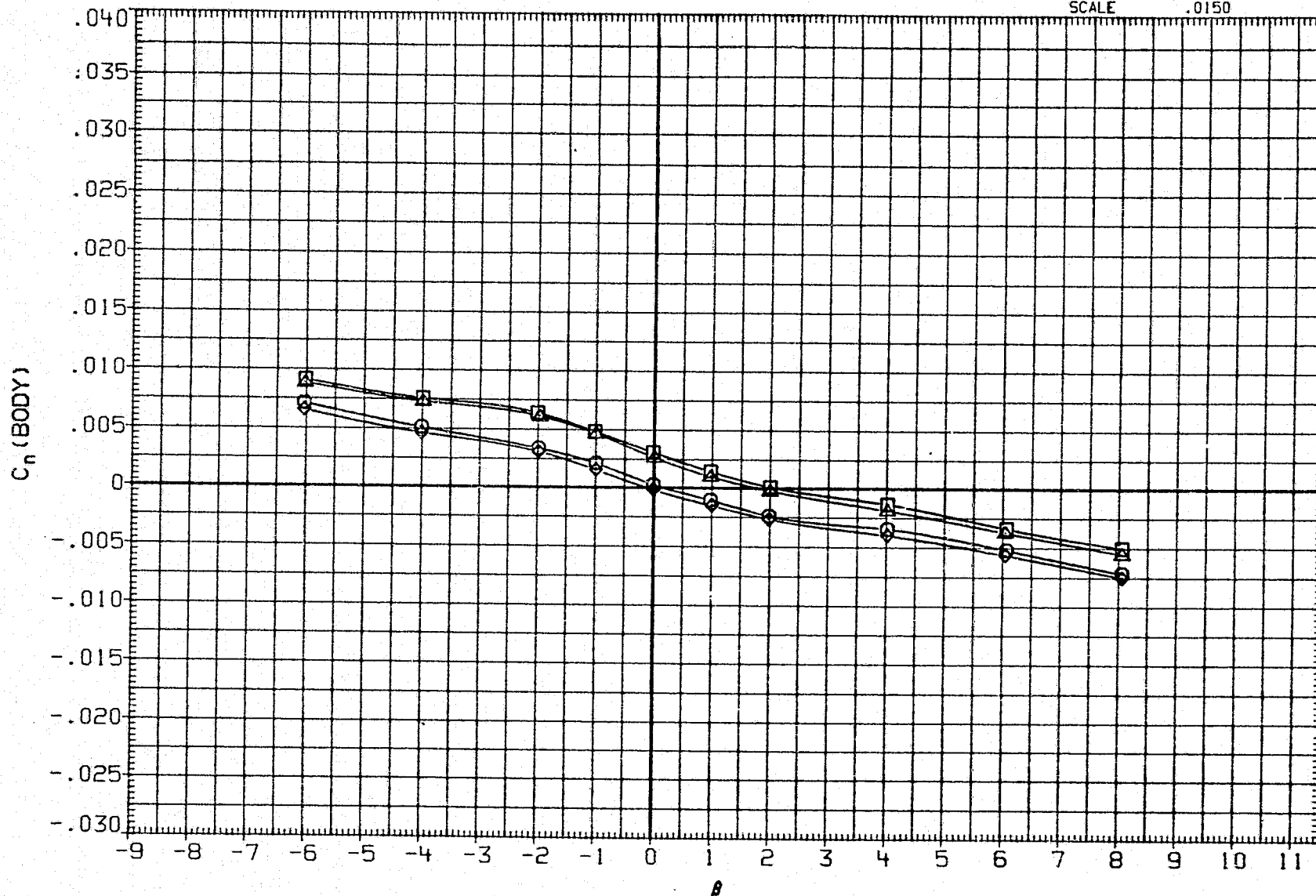


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH090	○ LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W	20.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT.
AJH098	□ LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	52.700	LREF 474.8000 INCHES
AJH094	◇ LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	52.700	BREF 936.6800 INCHES
AJH102	△ LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. X0
							YMRP .0000 IN. Y0
							ZMRP 375.0000 IN. Z0
							SCALE .0150

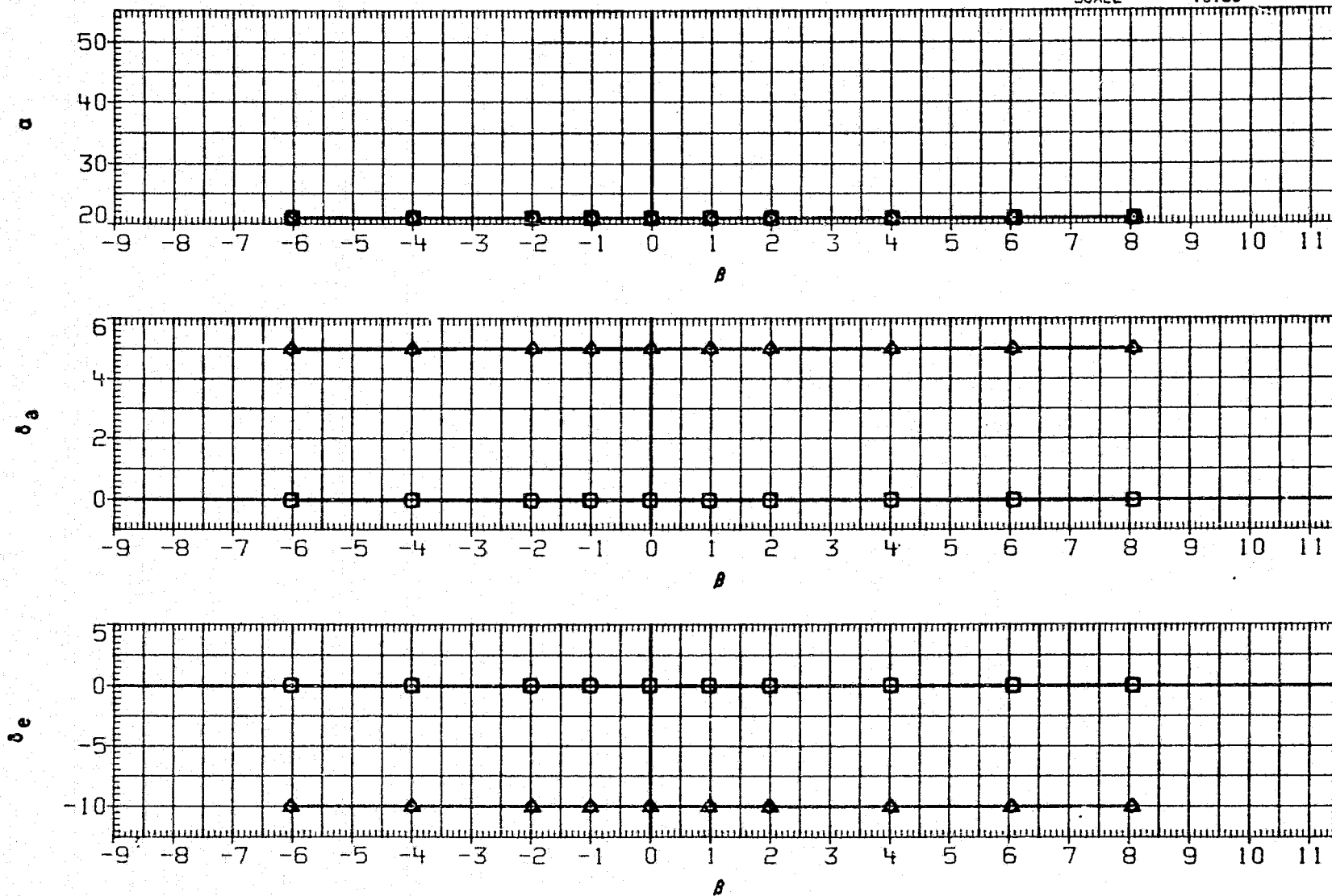


FIGURE 18(C). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 52.7 DEG.,ALPHA= 20 DEG.

DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPOBRK

REFERENCE INFORMATION

AJH091	○	DATA NOT AVAILABLE
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

SREF	2690.0000	50.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

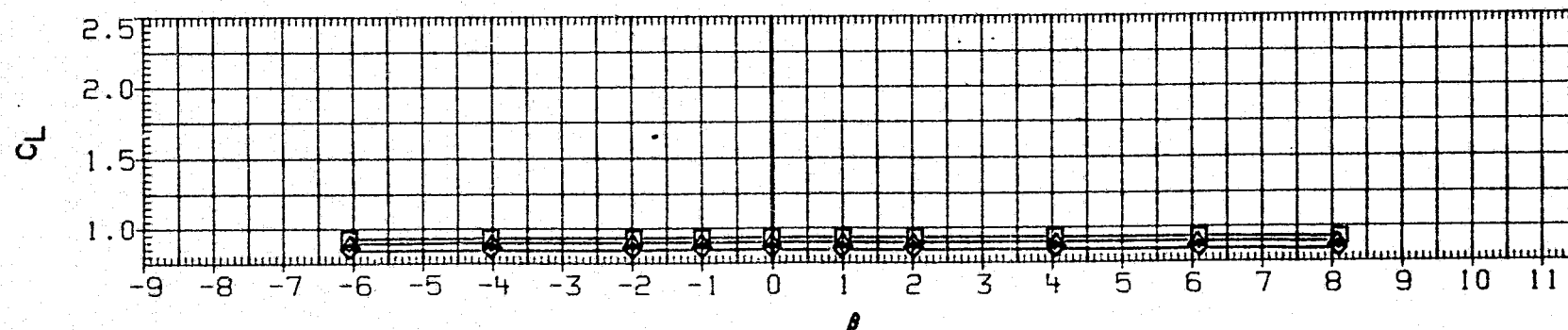
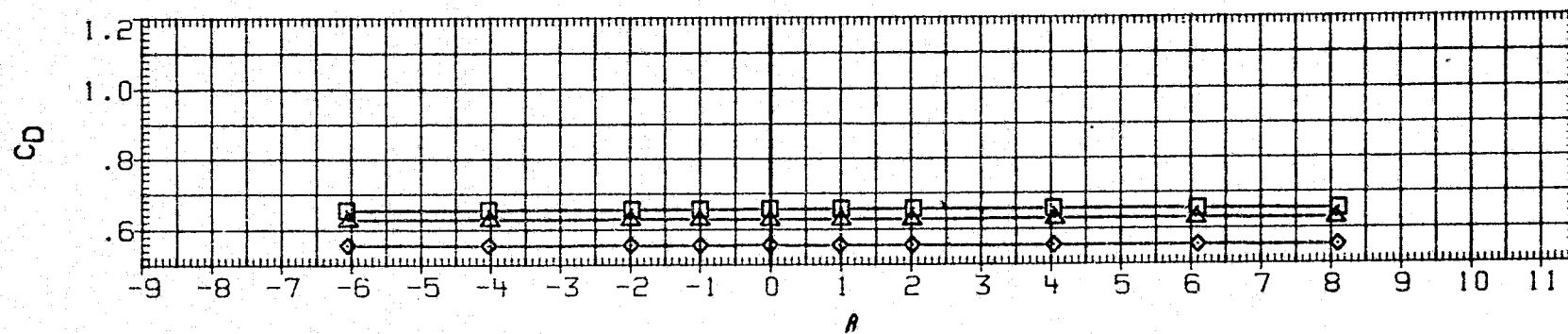
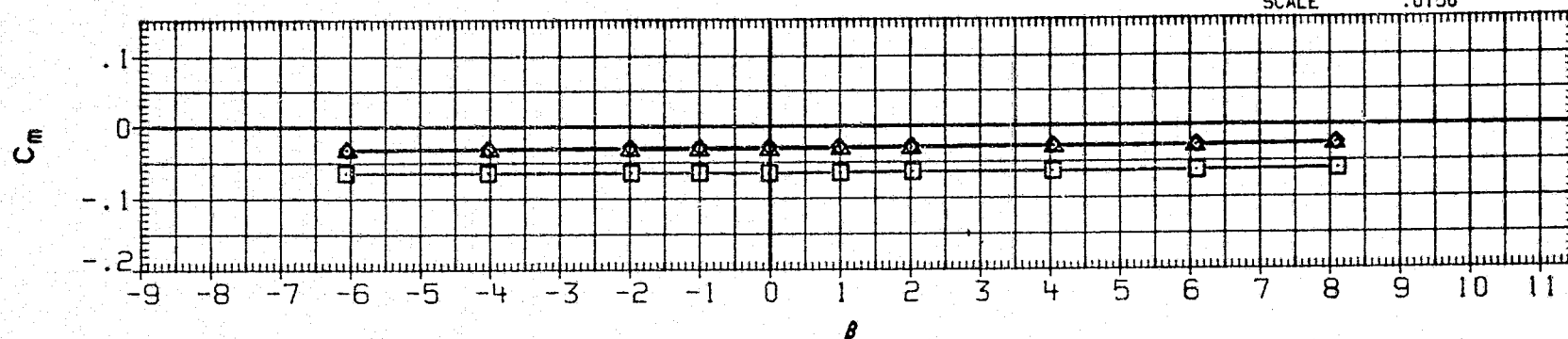


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG., ALPHA= 30 DEG.

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

AJH091	○	DATA NOT AVAILABLE	SREF	2690.0000	SQ.FT.
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	LREF	474.8000	INCHES
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	BREF	936.6200	INCHES
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	XMRP	1076.7000	IN. XO
			YMRP	.0000	IN. YO
			ZMRP	375.0000	IN. ZO
			SCALE	.0150	

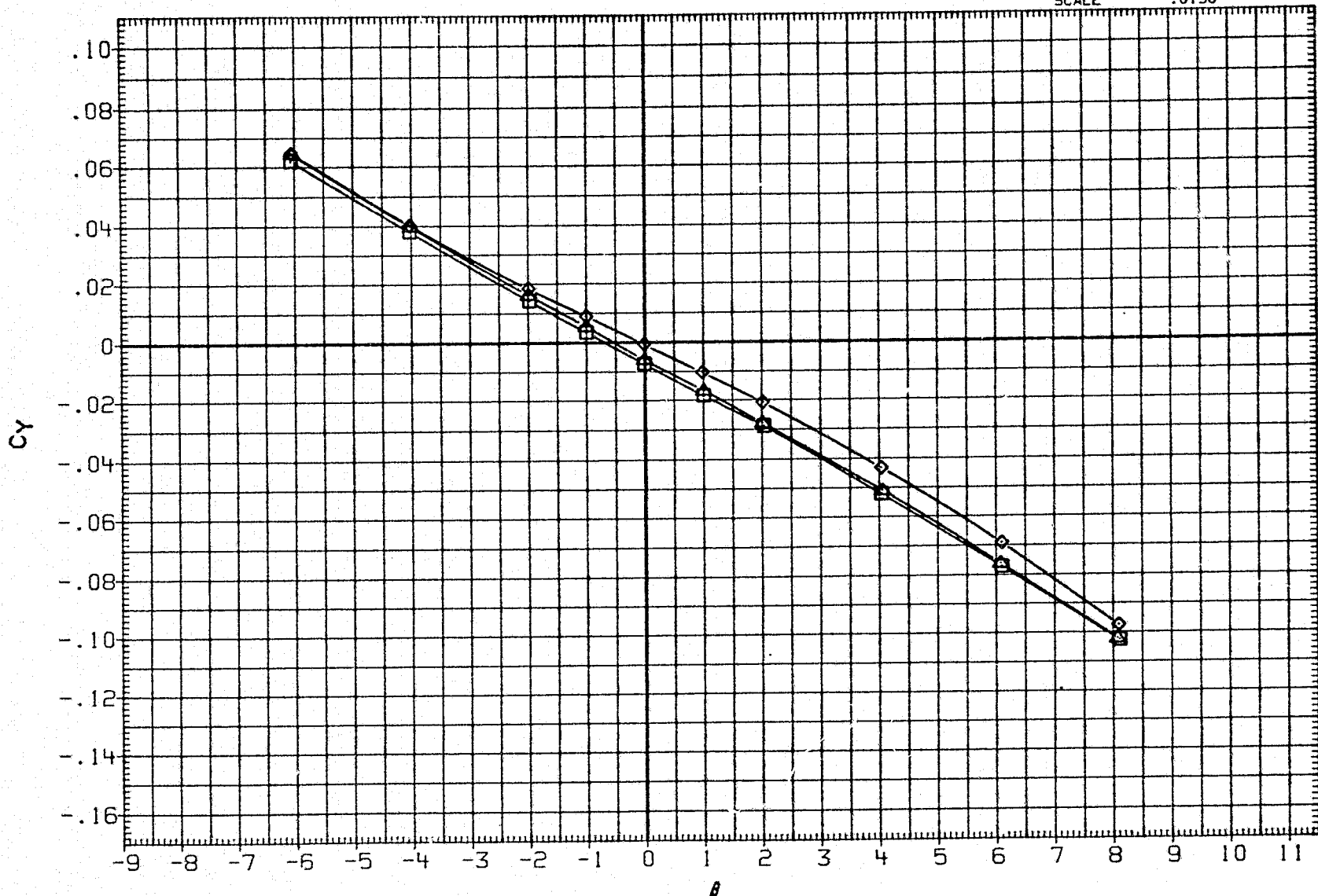


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG., ALPHA= 30 DEG.

(A)MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILERON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH091	○	DATA NOT AVAILABLE	30.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	.000	.000	52.700	LREF	474.6000	INCHES
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

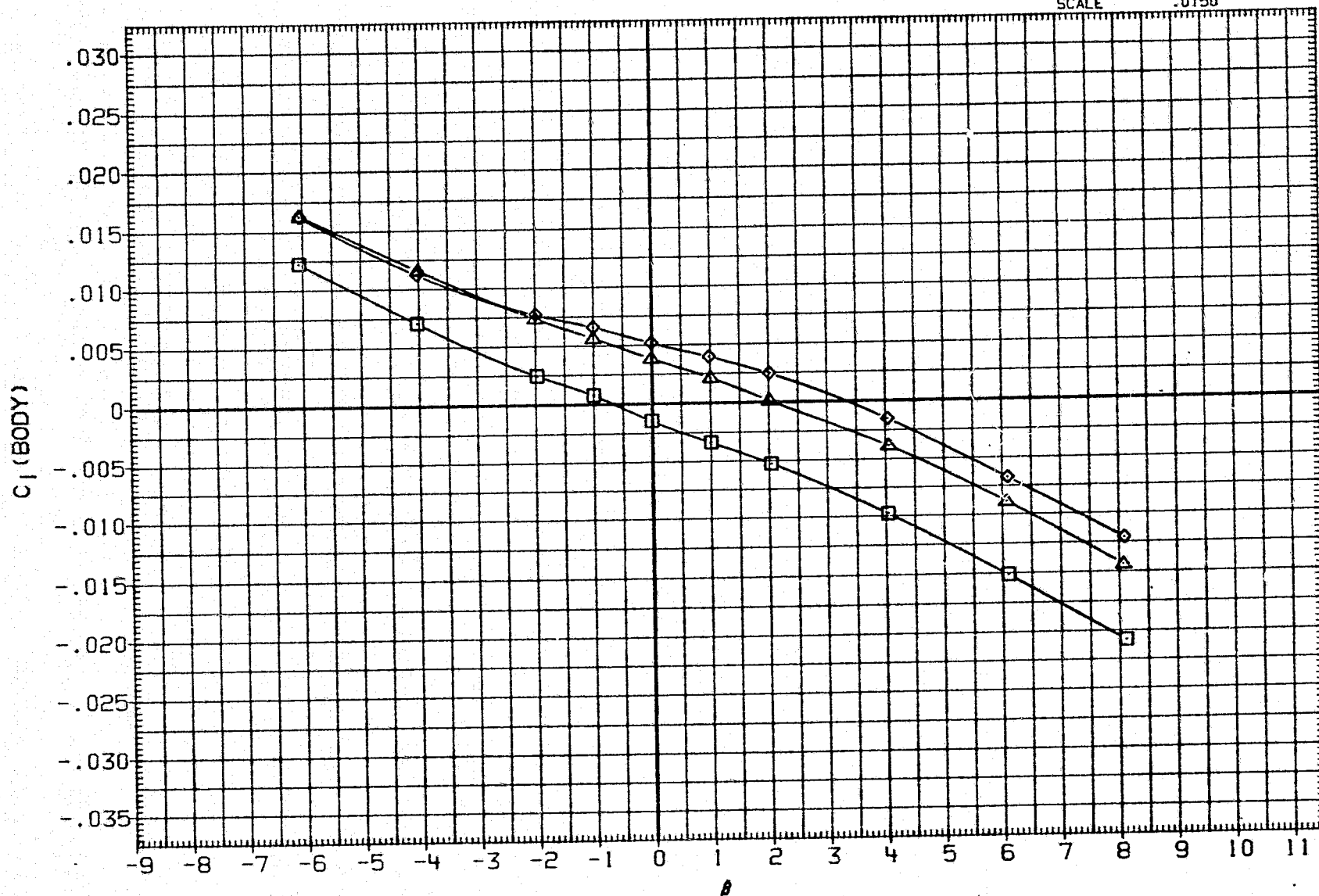


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH091	○	DATA NOT AVAILABLE	30.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH099	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	30.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	30.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH103	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

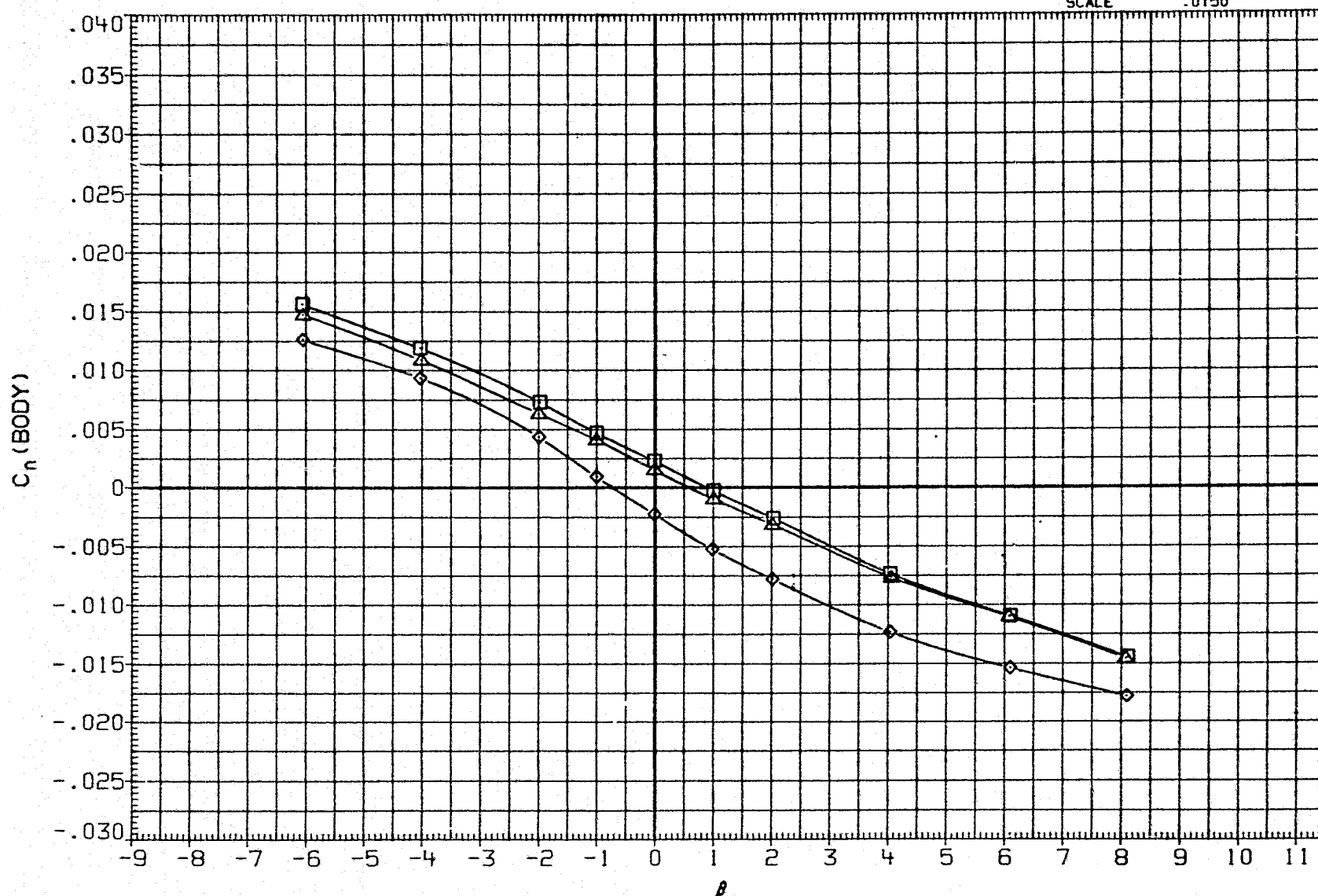


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(A)MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH091	DATA NOT AVAILABLE	30.000	.000	.000	.000	52.700	SREF	2690.0000	SQ. FT.
AJH099	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH095	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH103	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

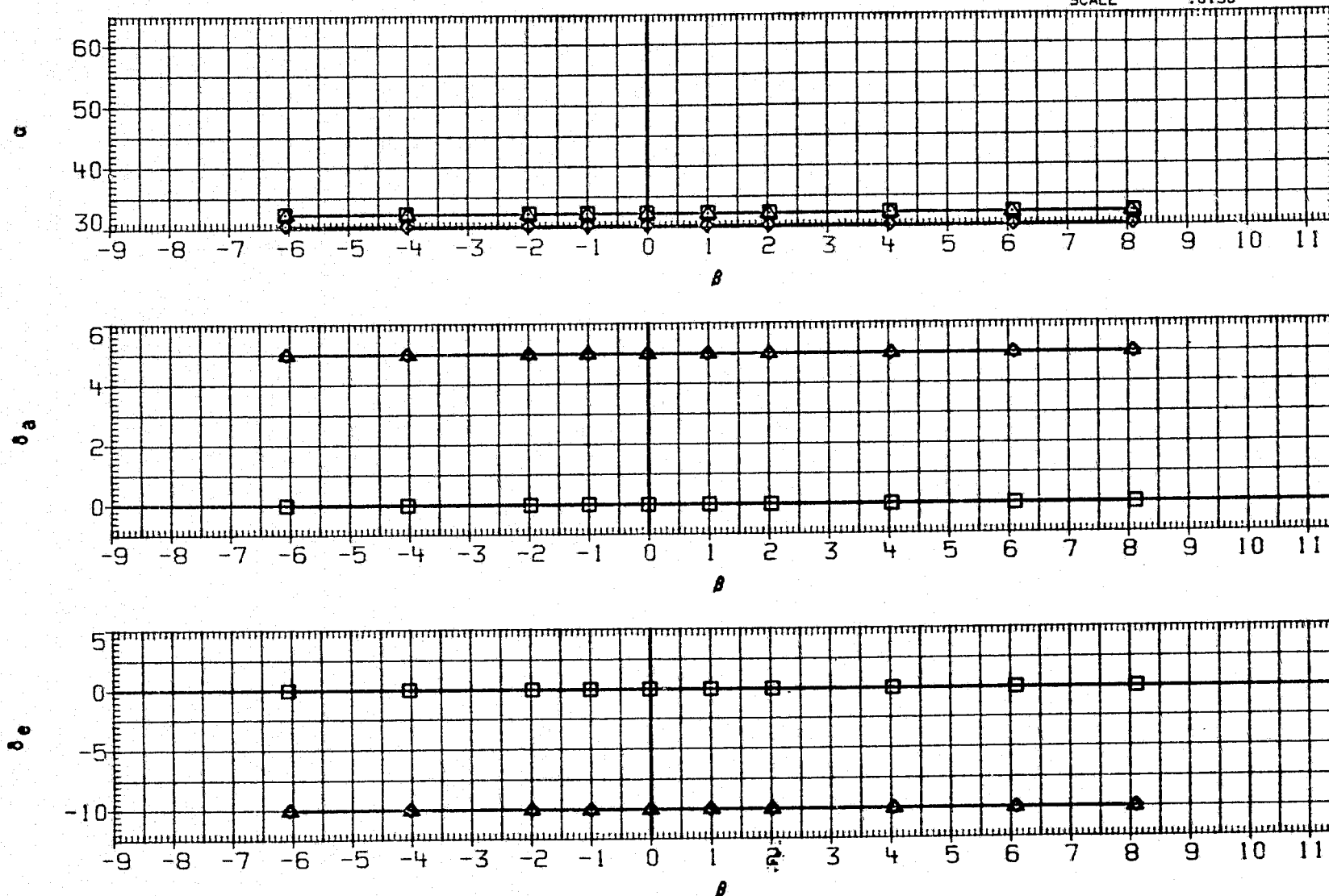


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(A)MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION
AJH091	○	DATA NOT AVAILABLE
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

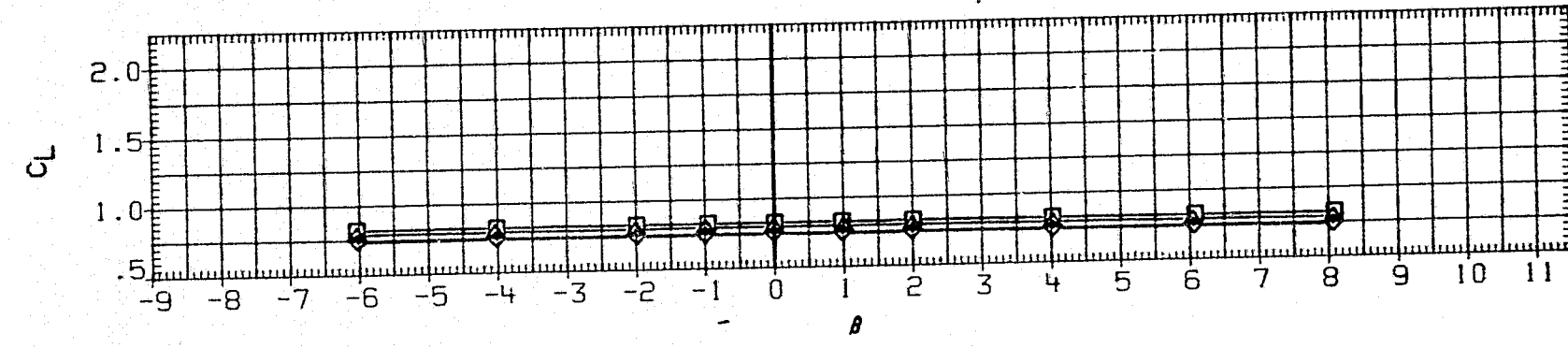
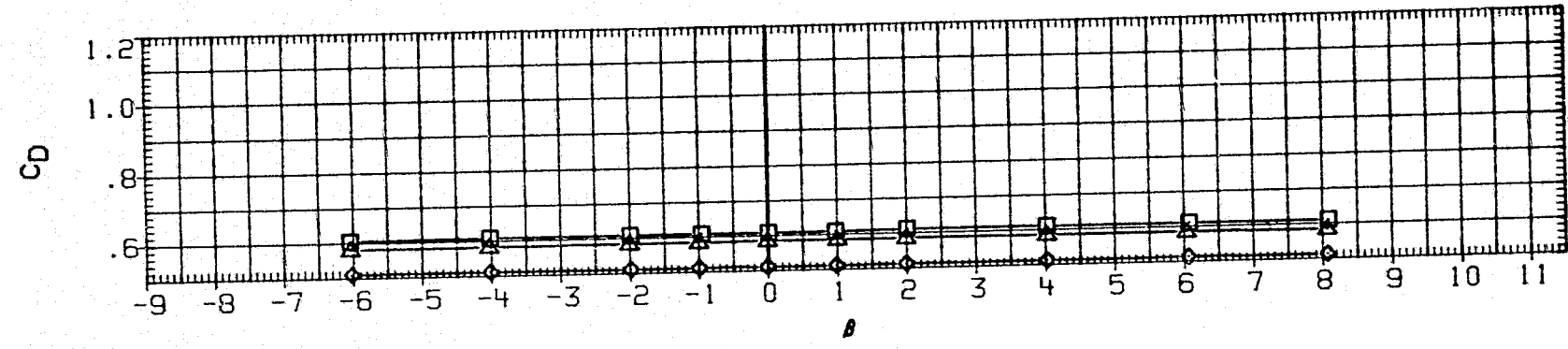
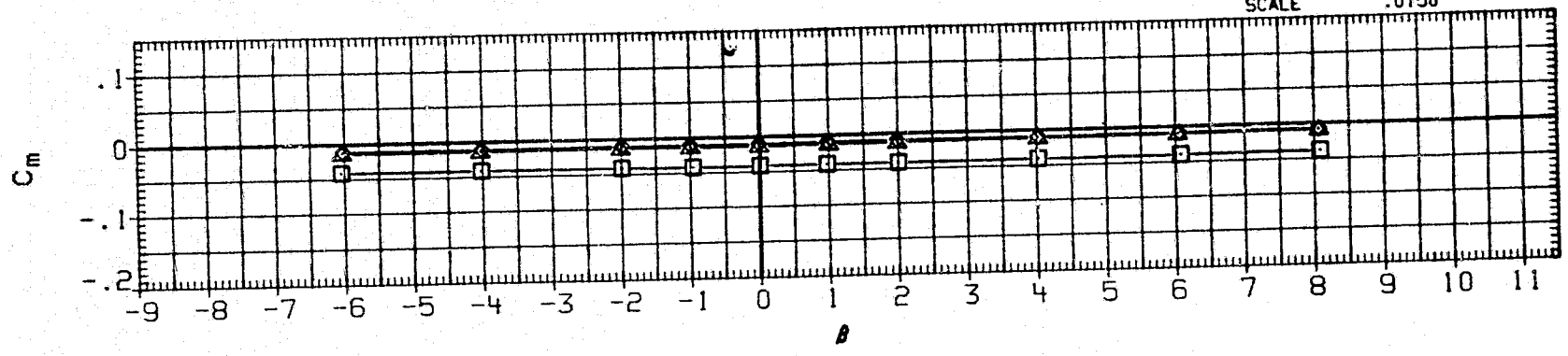


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG., ALPHA= 30 DEG.

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

## REFERENCE INFORMATION

AJH091	○	DATA NOT AVAILABLE
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

30.000
30.000
30.000
30.000

.000
-10.000
.000
.000

.000
.000
5.000
5.000

.000
.000
-10.000
-10.000

52.700
52.700
52.700
52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

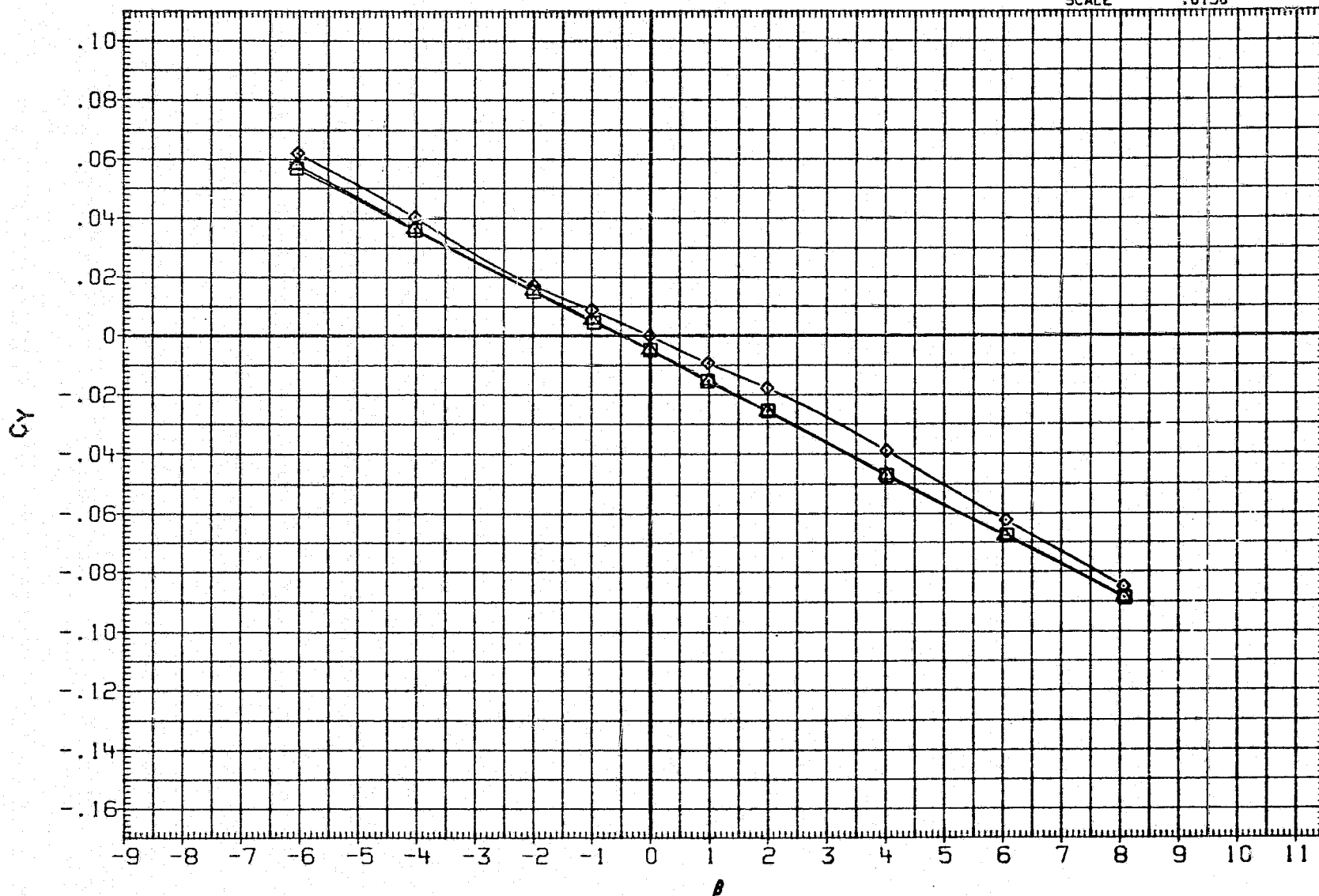


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(B) MACH = 3.90

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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

	VALUE	UNIT
SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

DATA NOT AVAILABLE  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

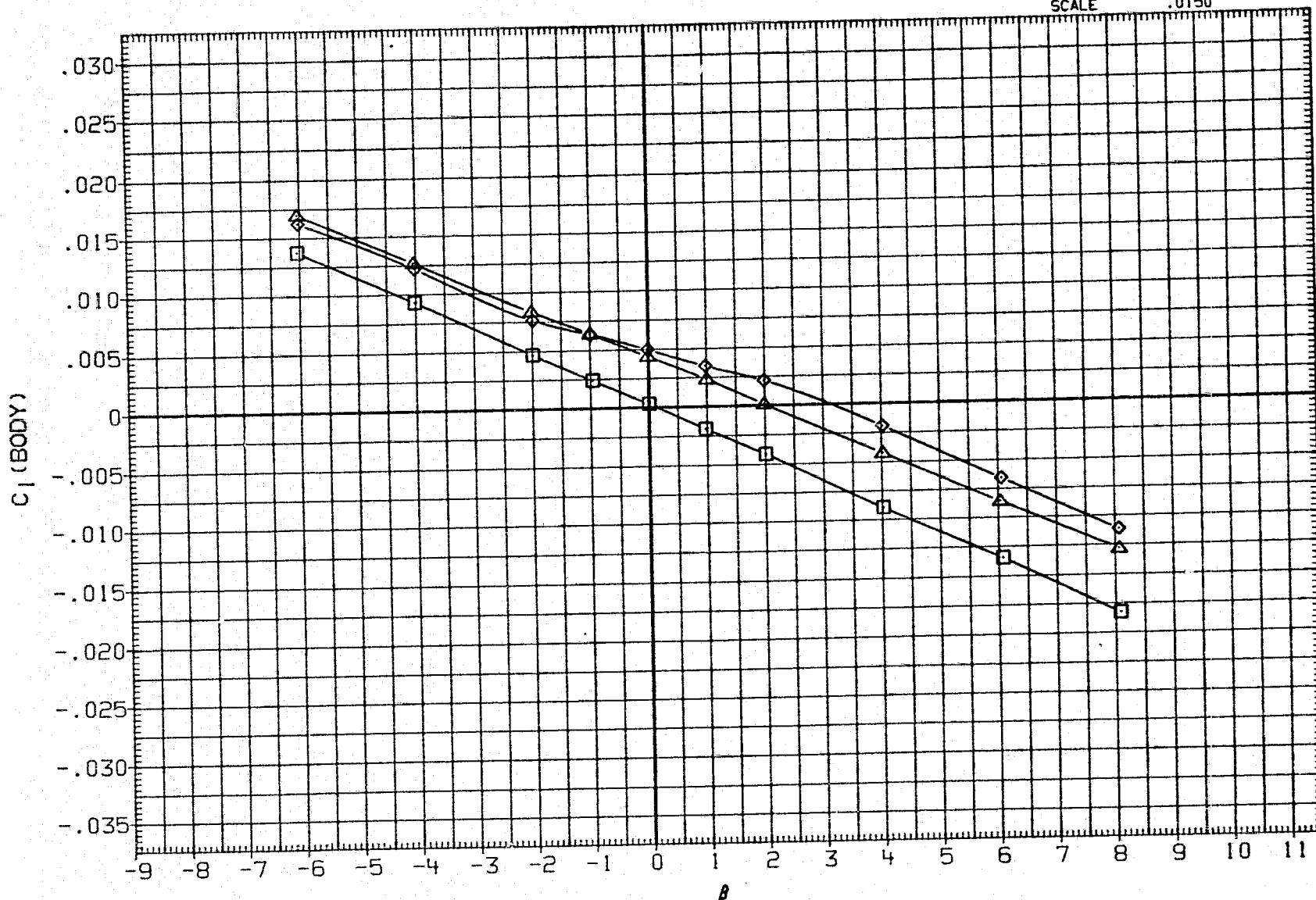


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(B)MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPOBRK

REFERENCE INFORMATION

AJH091	○	DATA NOT AVAILABLE
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

30.000
30.000
30.000
30.000

.000
-10.000
.000
-10.000

.000
.000
5.000
5.000

.000
.000
-10.000
-10.000

52.700
52.700
52.700
52.700

SREF	2690.0000	50.FT.
LREF	474.6000	INCHES
BREF	936.6600	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

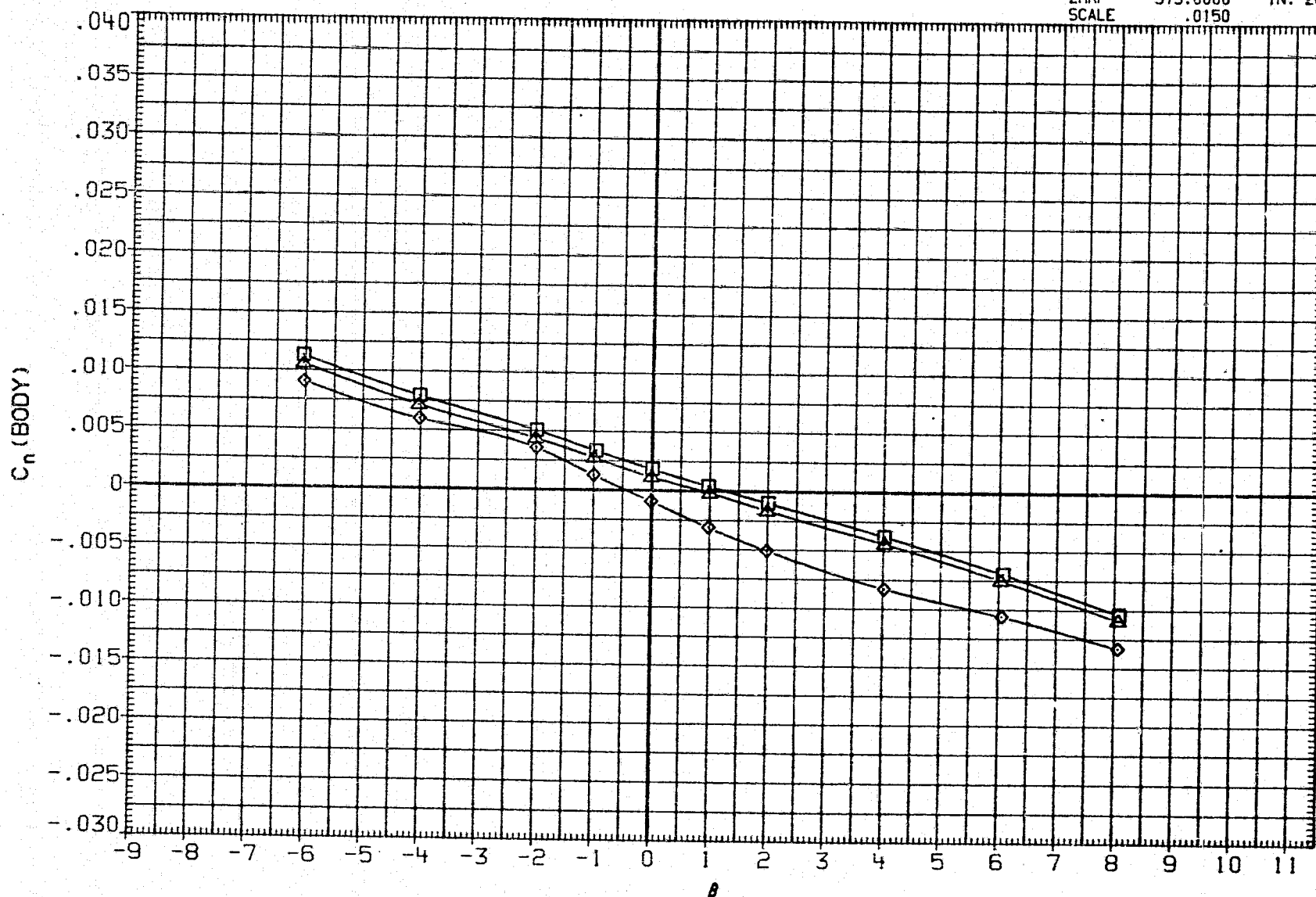


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(B) MACH = 3.90

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILERON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH091	○	DATA NOT AVAILABLE	30.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

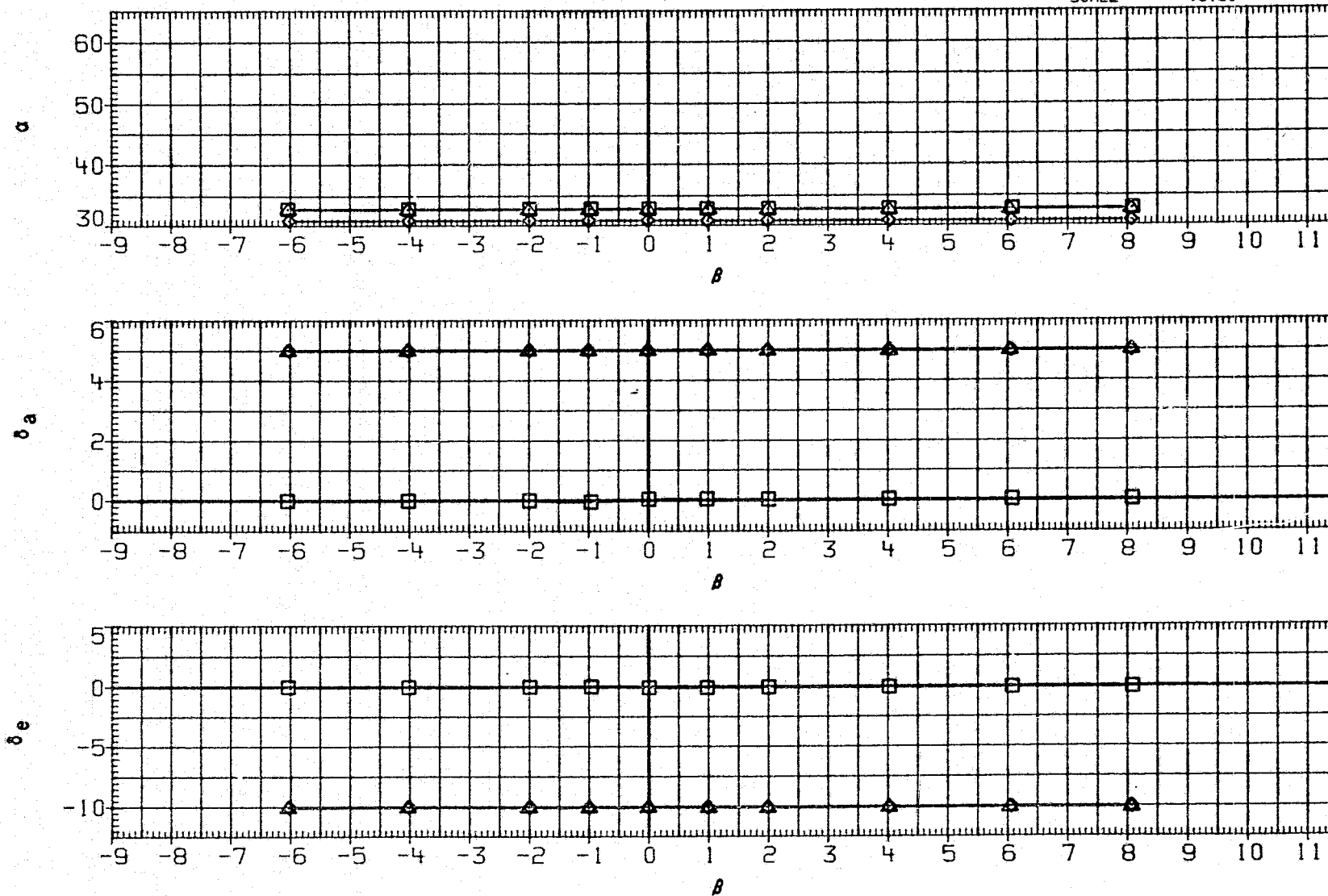


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(B)MACH = 3.90

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DATA SET SYMBOL

CONFIGURATION

DATA SET SYMBOL	CONFIGURATION
AJH091	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH099	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

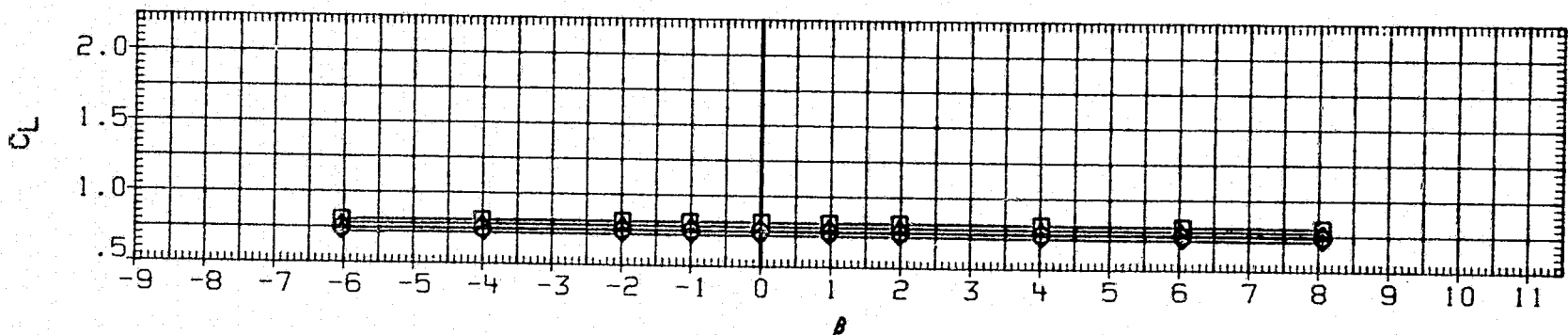
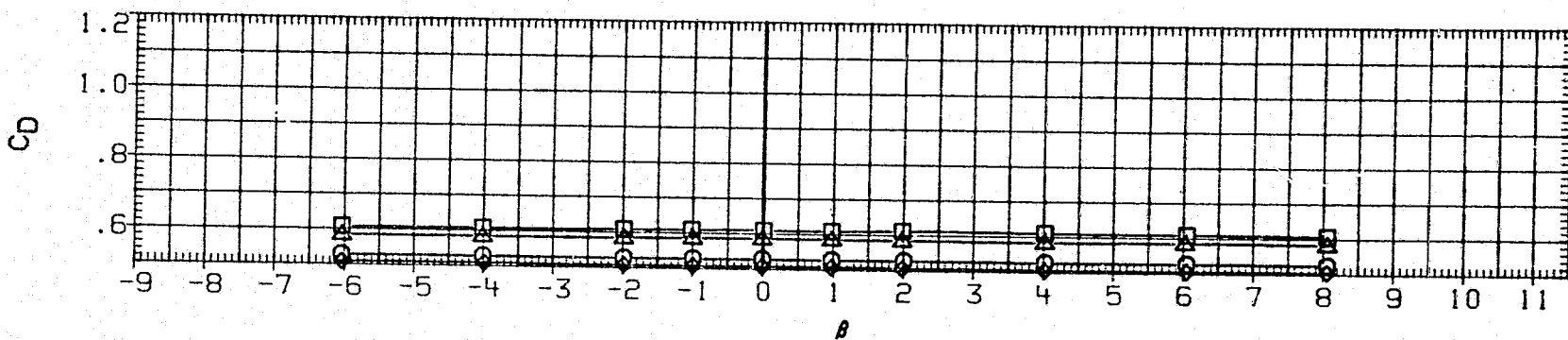
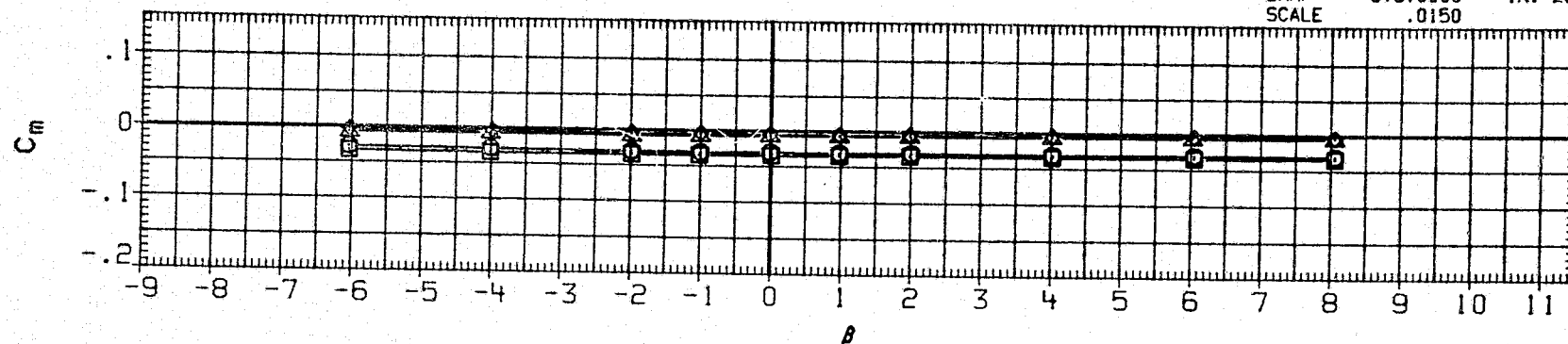


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(C) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH091	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	52.700	SREF 2690.0000 SQ.FT. LREF 474.8000 INCHES
AJH099	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	.000	.000	52.700	BREF 936.6800 INCHES
AJH095	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	52.700	XMRP 1076.7000 IN. XO
AJH103	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	YMRP .0000 IN. YO ZMRP 375.0000 IN. ZO SCALE 0150

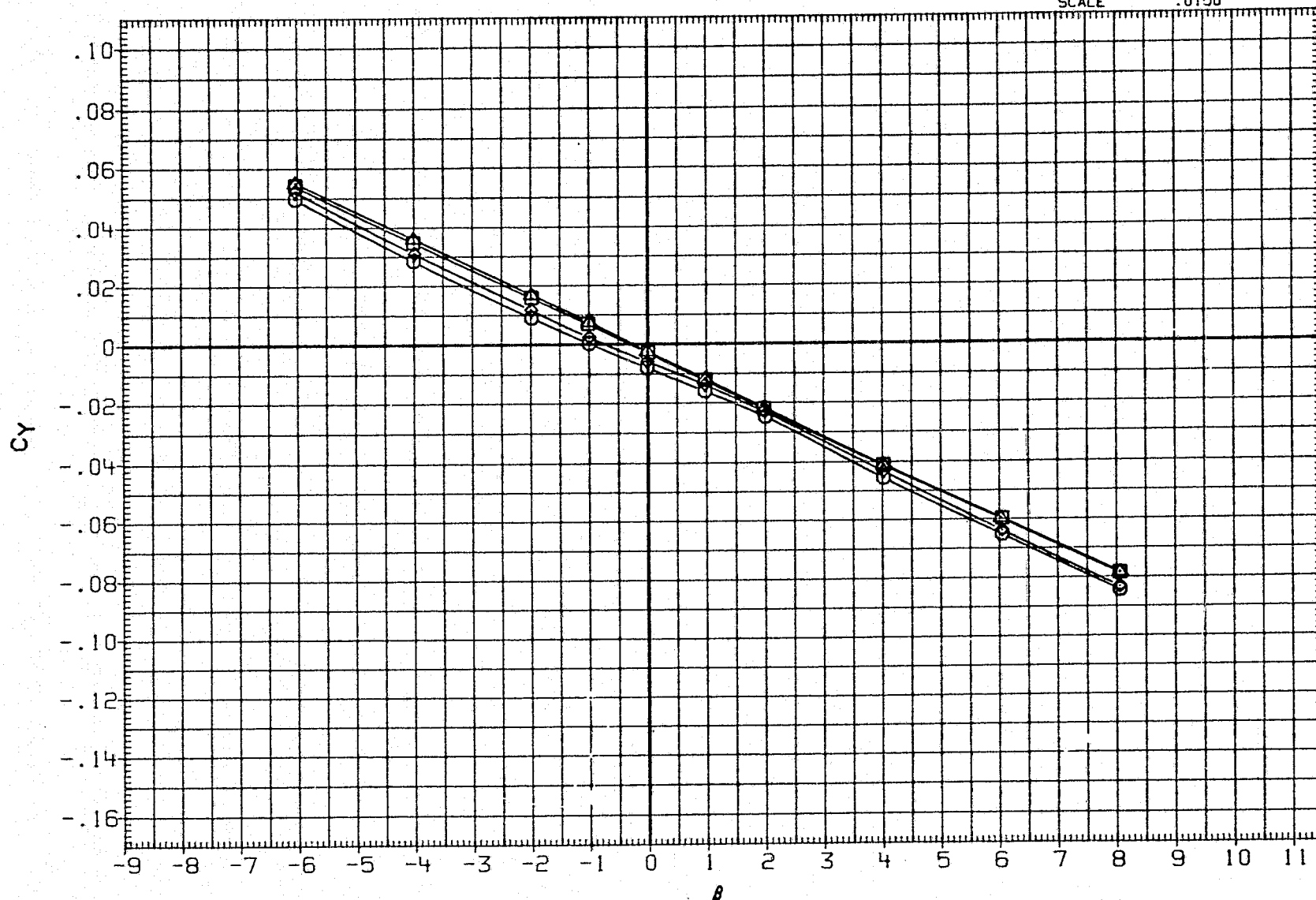


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

DATA SET SYMBOL

AJH091 ○  
 AJH099 □  
 AJH095 ◇  
 AJH103 △

CONFIGURATION

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA  
 30.000  
 30.000  
 30.000  
 30.000

RUDDER  
 .000  
 -10.000  
 .000  
 -10.000

AILRON  
 .000  
 .000  
 5.000  
 5.000

ELEVON  
 .000  
 .000  
 -10.000  
 -10.000

SPDBRK  
 52.700  
 52.700  
 52.700  
 52.700

REFERENCE INFORMATION

SREF 2690.0000 SQ. FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

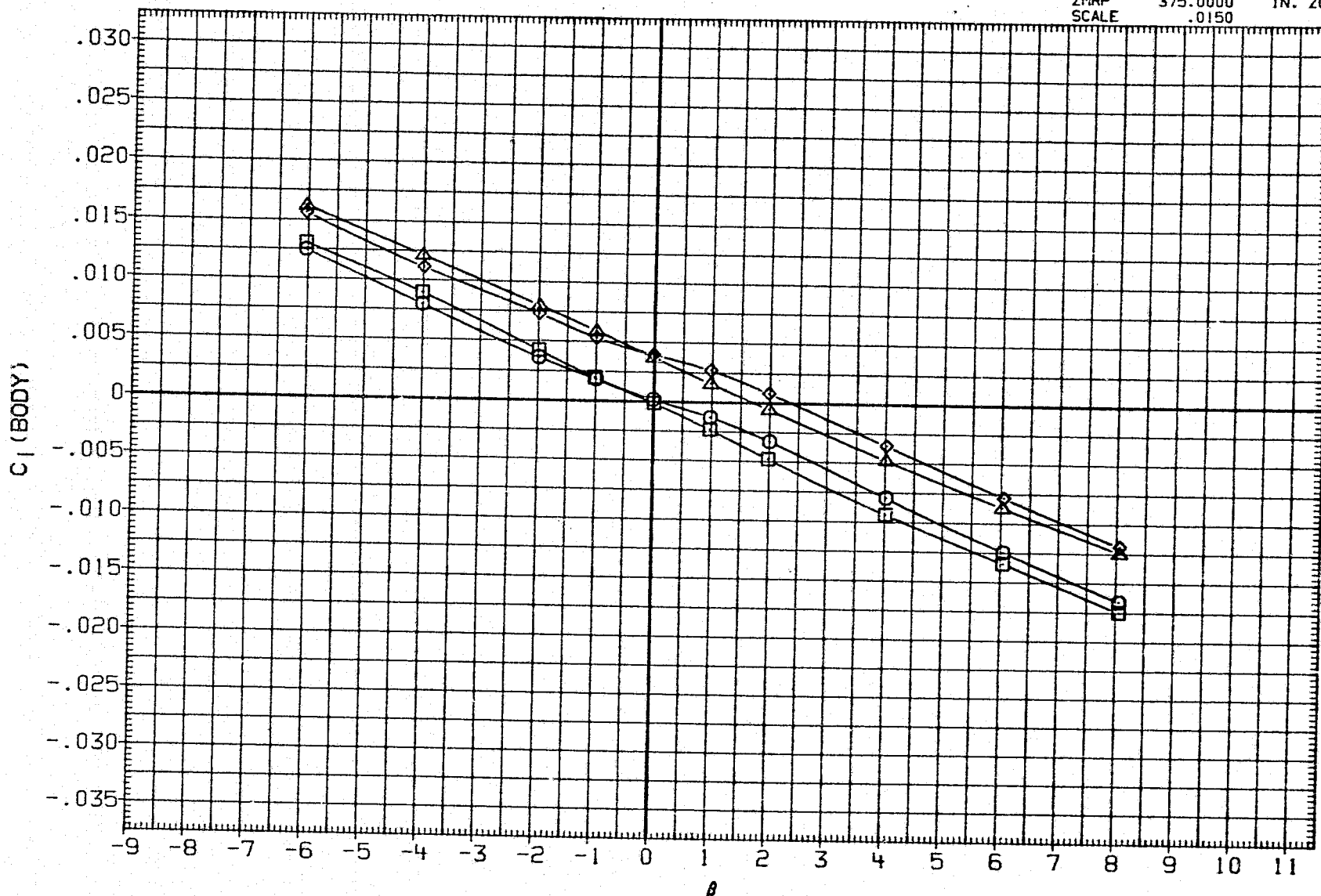


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(C) MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH091	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	.000	.000	52.700	SREF	2690.0000	SQ.FT.
AJH099	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	.000	.000	52.700	LREF	474.8000	INCHES
AJH095	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	.000	5.000	-10.000	52.700	BREF	936.6800	INCHES
AJH103	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	30.000	-10.000	5.000	-10.000	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

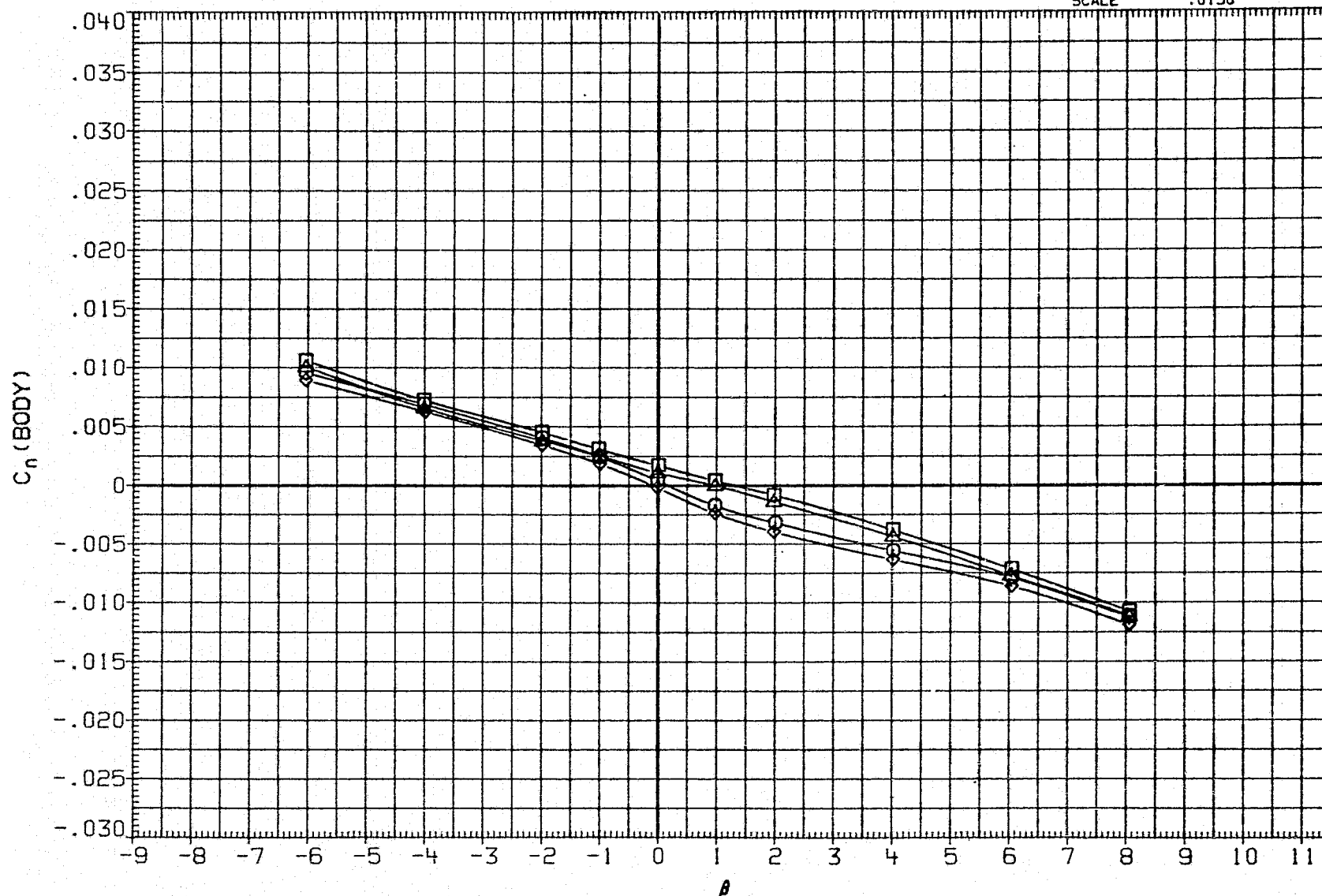


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

## DATA SET SYMBOL

## CONFIGURATION

DATA SET SYMBOL	CONFIGURATION
AJH091	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH099	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH095	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH103	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
30.000	.000	.000	.000	52.700
30.000	-10.000	.000	.000	52.700
30.000	.000	5.000	-10.000	52.700
30.000	-10.000	5.000	-10.000	52.700

## REFERENCE INFORMATION

REFERENCE INFORMATION	VALUE	UNIT
SREF	2690.0000	SQ. FT.
LREF	474.8900	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

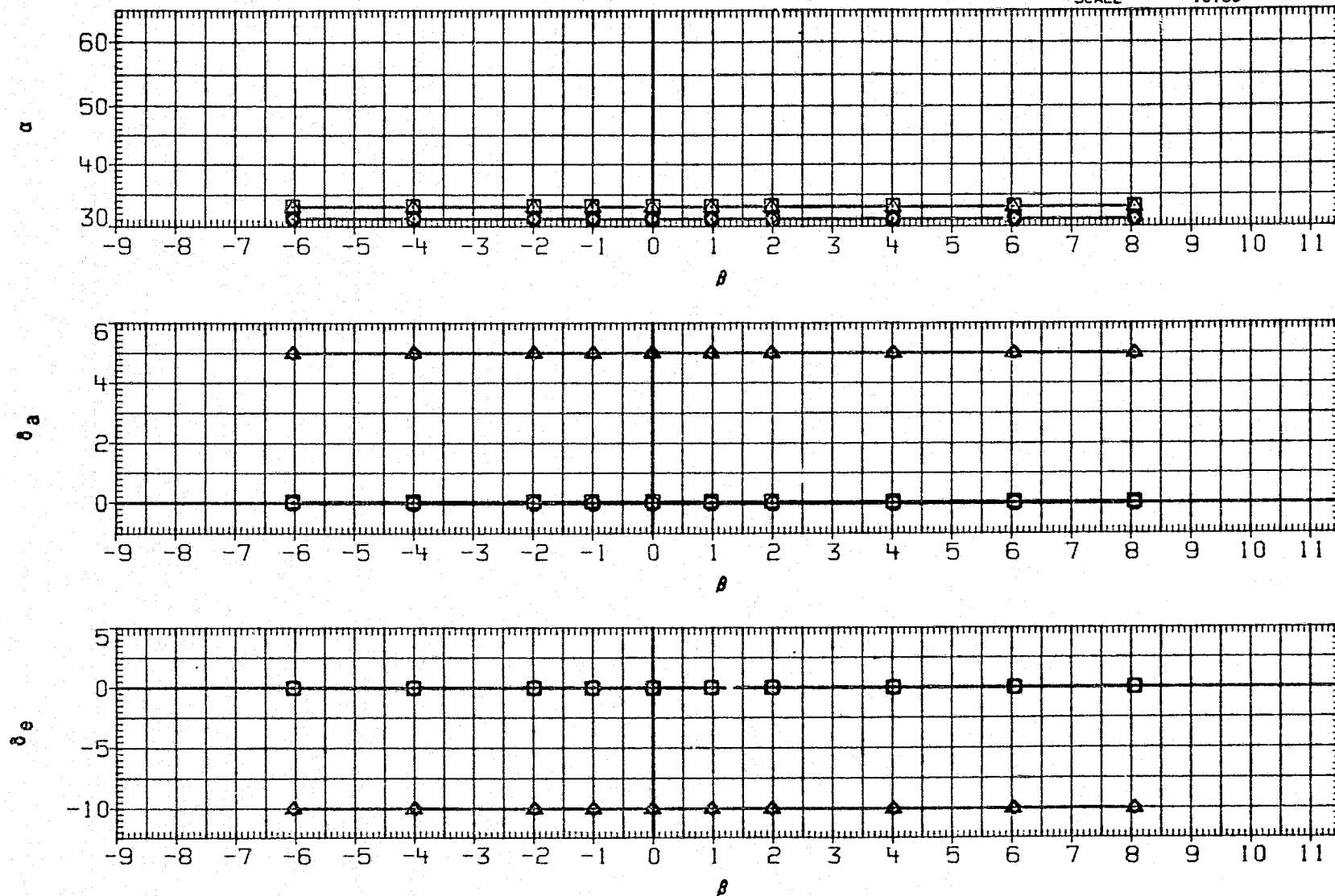


FIGURE 18(D). CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS, SPEED BRAKE AT 52.7 DEG.,ALPHA= 30 DEG.

(C) MACH = 4.60

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DATA SET	SYMBOL	CONFIGURATION
AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

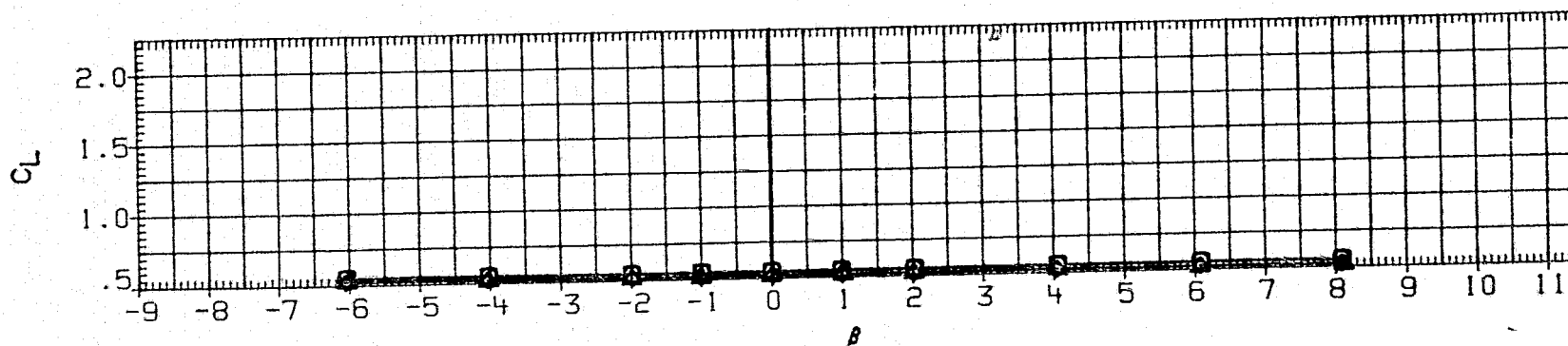
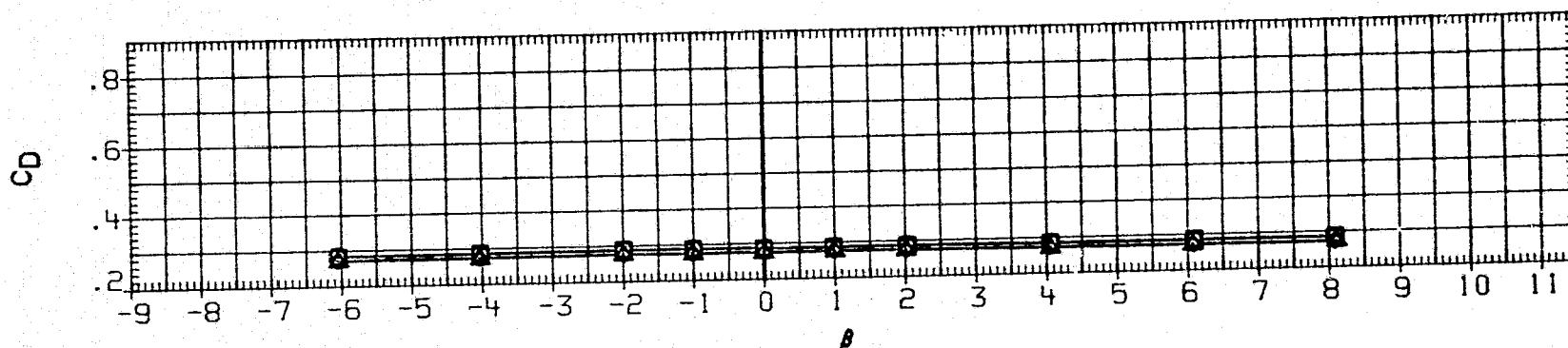
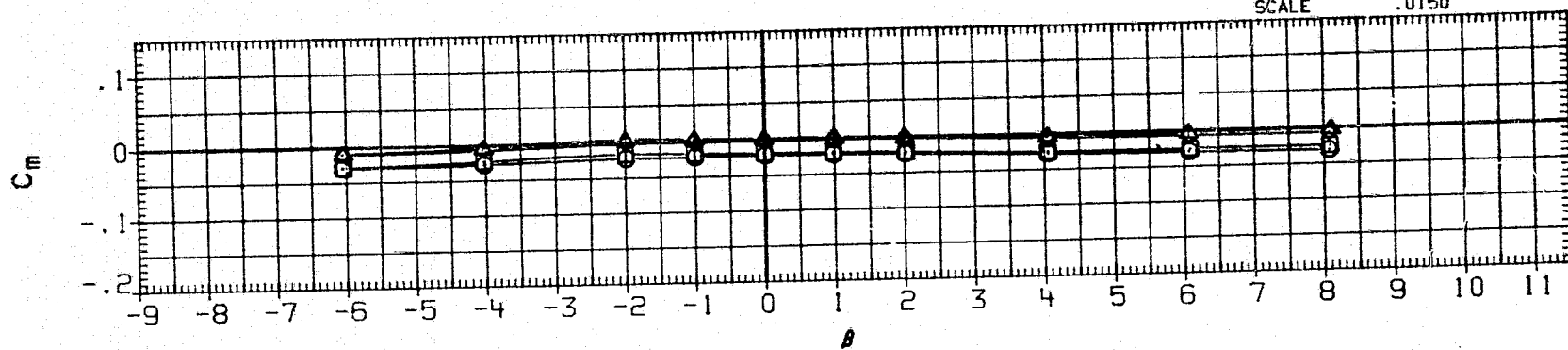


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(A)MACH = 2.86

## DATA SET SYMBOL

## CONFIGURATION

DATA SET SYMBOL	CONFIGURATION
AJH104	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

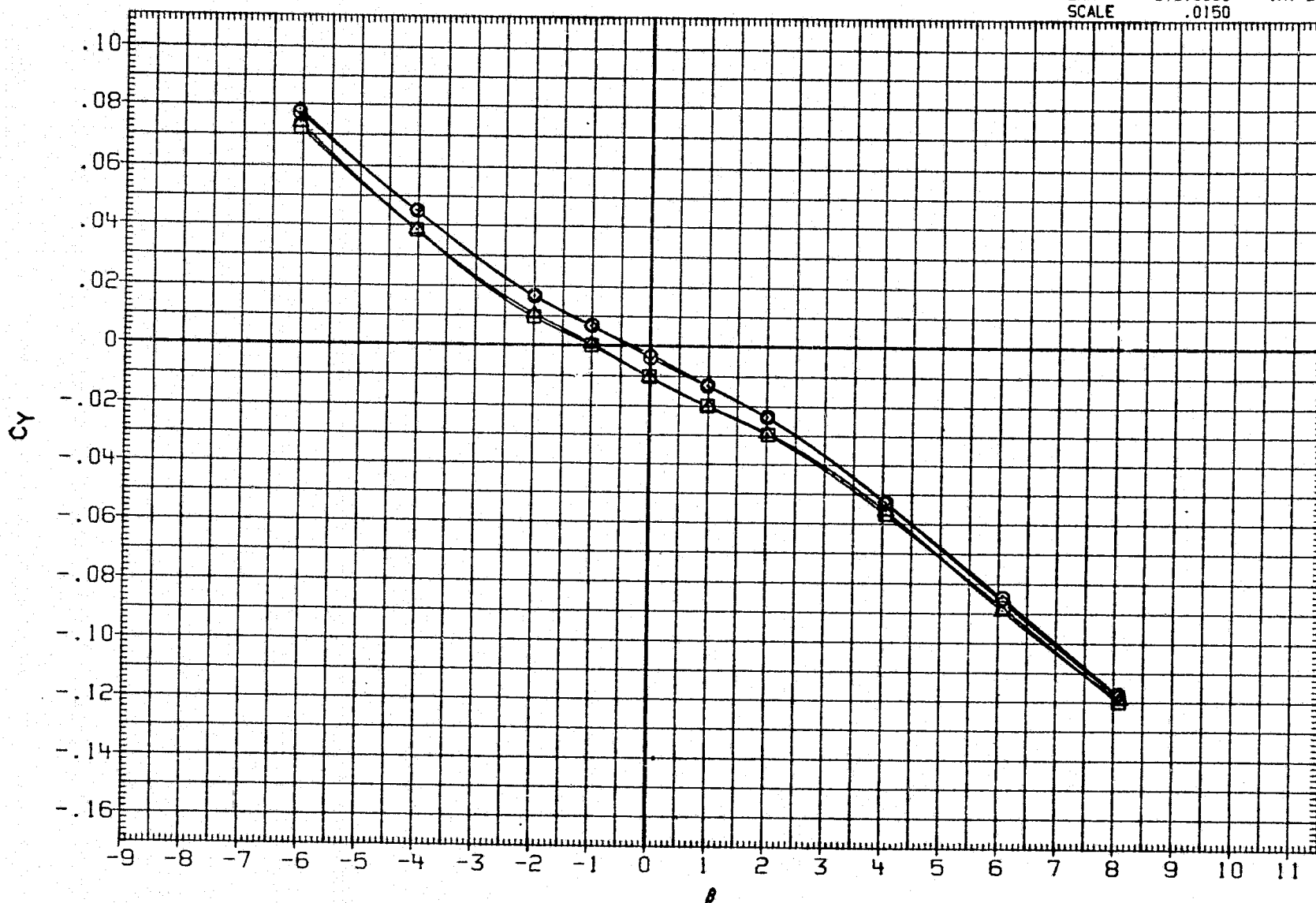


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

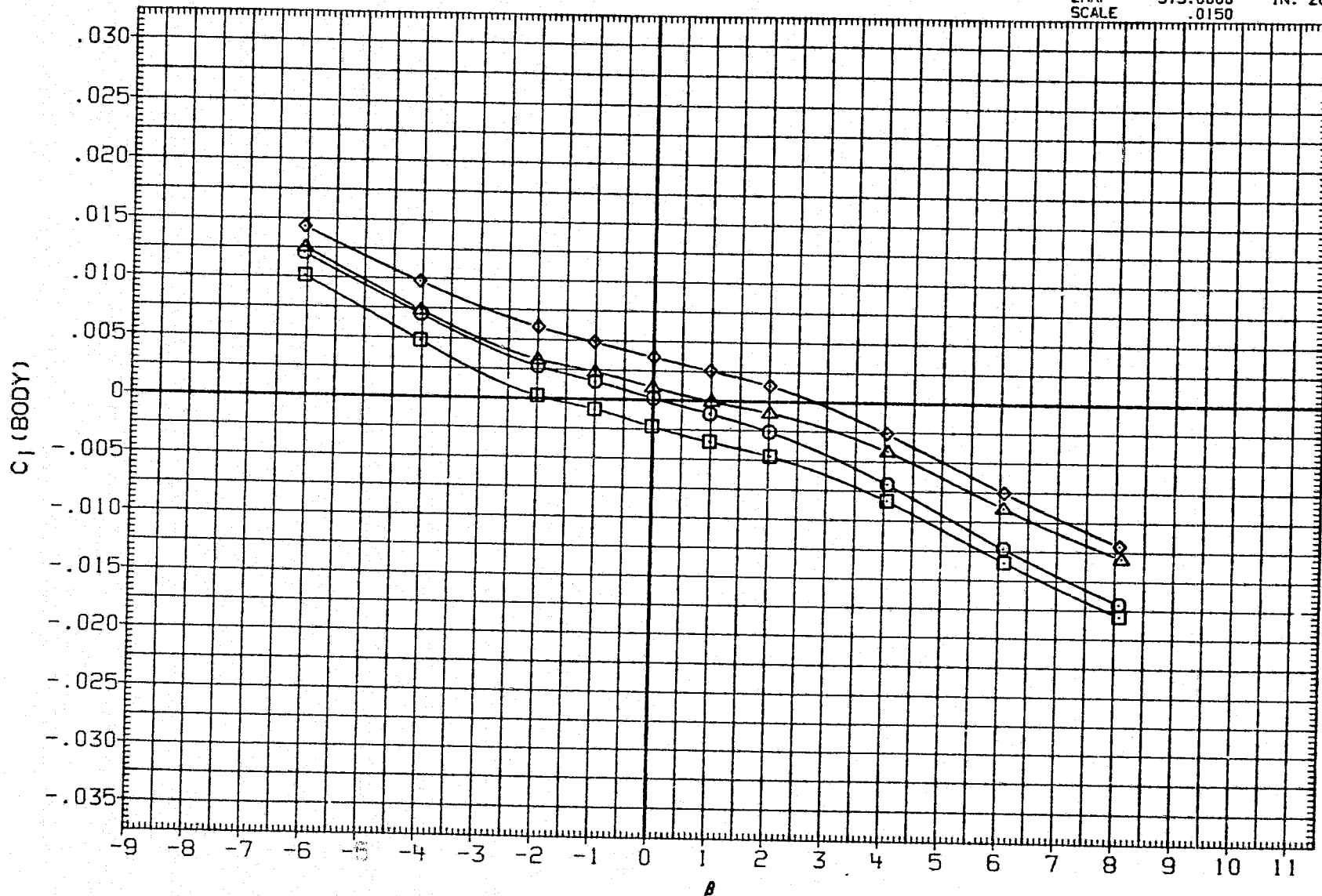


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

AJH104	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION

	VALUE	UNIT
SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.8000	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

D

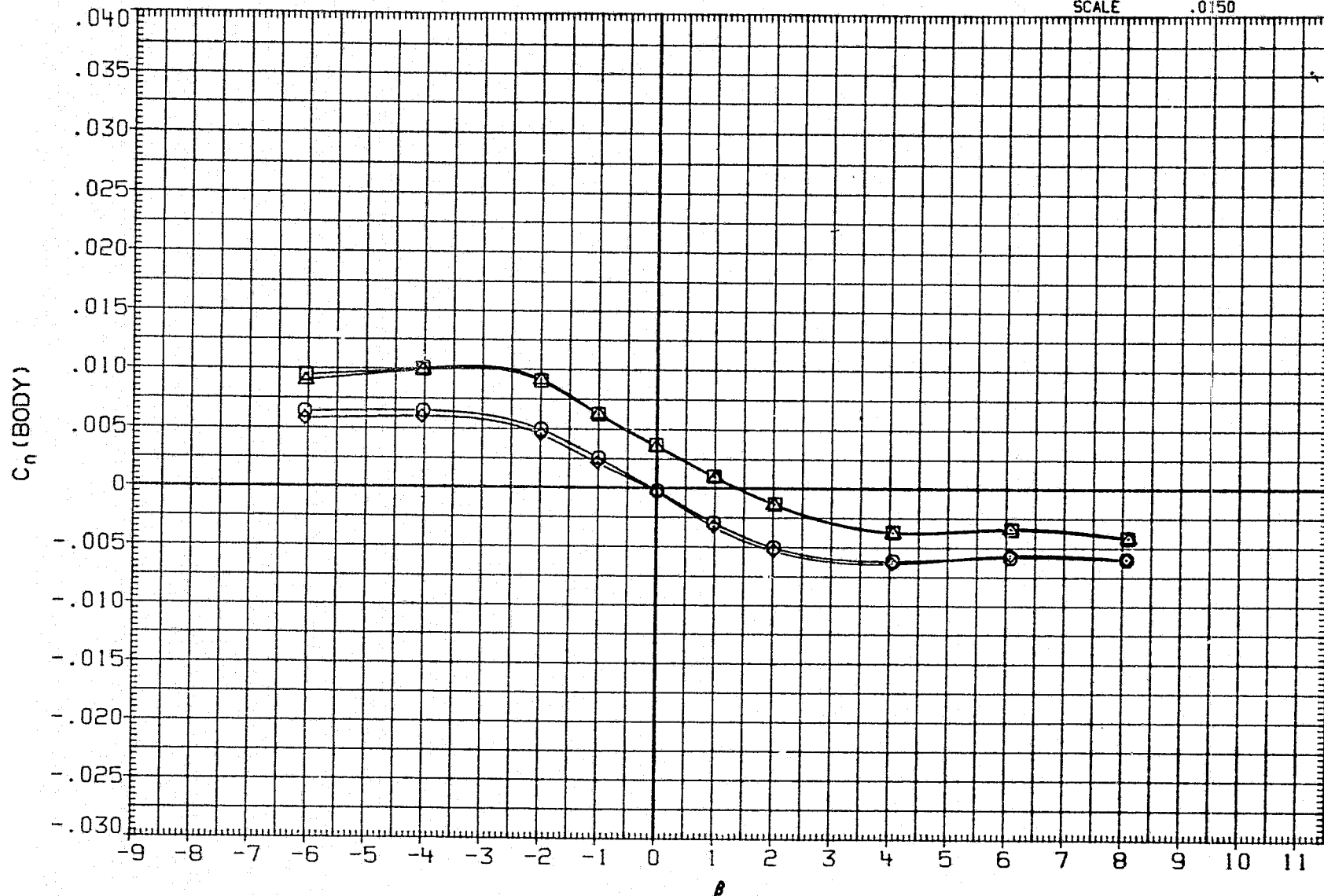


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

20.000

.000

.000

.000

70.000

SREF

2690.0000

SQ.FT.

AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
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20.000

-10.000

.000

.000

70.000

LREF

474.8000

INCHES

AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
--------	---	---	--------	------	-------	---------	--------	------	----------	--------

20.000

.000

5.000

-10.000

70.000

BREF

936.6800

INCHES

AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XO
--------	---	---	--------	---------	-------	---------	--------	------	-----------	--------

20.000

-10.000

5.000

-10.000

70.000

XMRP

1076.7000

IN. XO

YMRP

.0000

IN. YO

ZMRP

375.0000

IN. ZO

SCALE

.0150

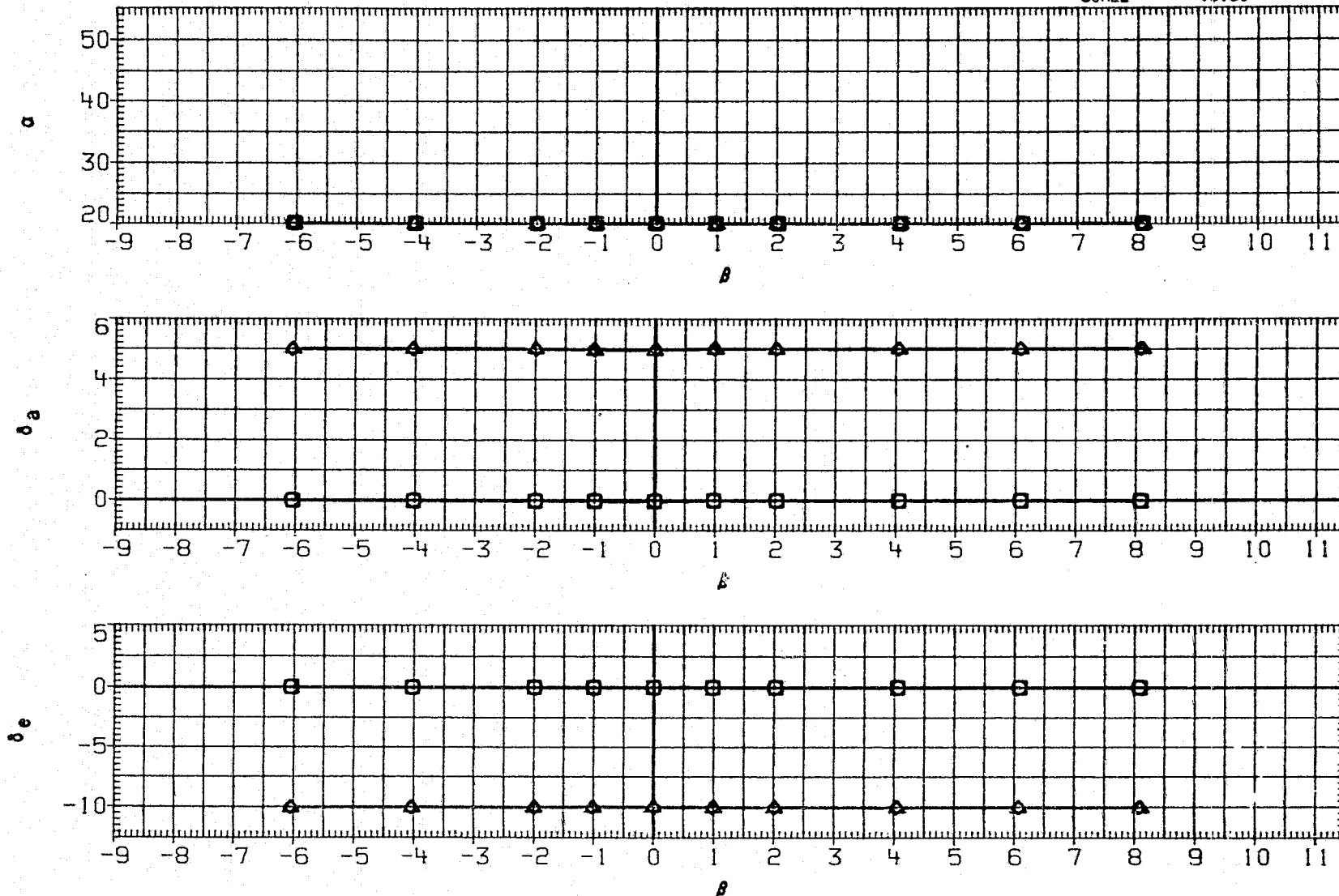


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(A)MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	50. FT.
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRF	1076.7000	IN. X0
								YMRF	.0000	IN. Y0
								ZMRF	375.0000	IN. Z0
								SCALE	.0150	

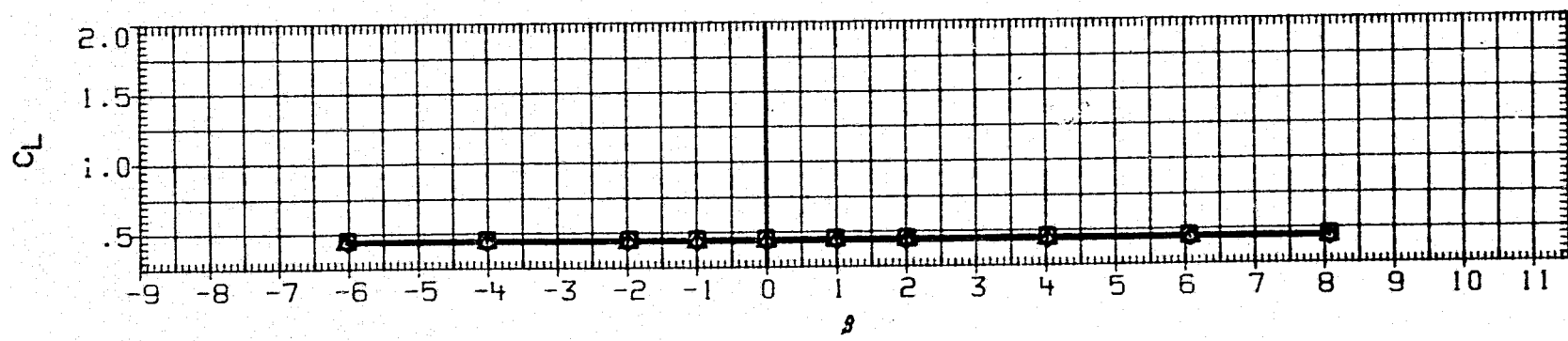
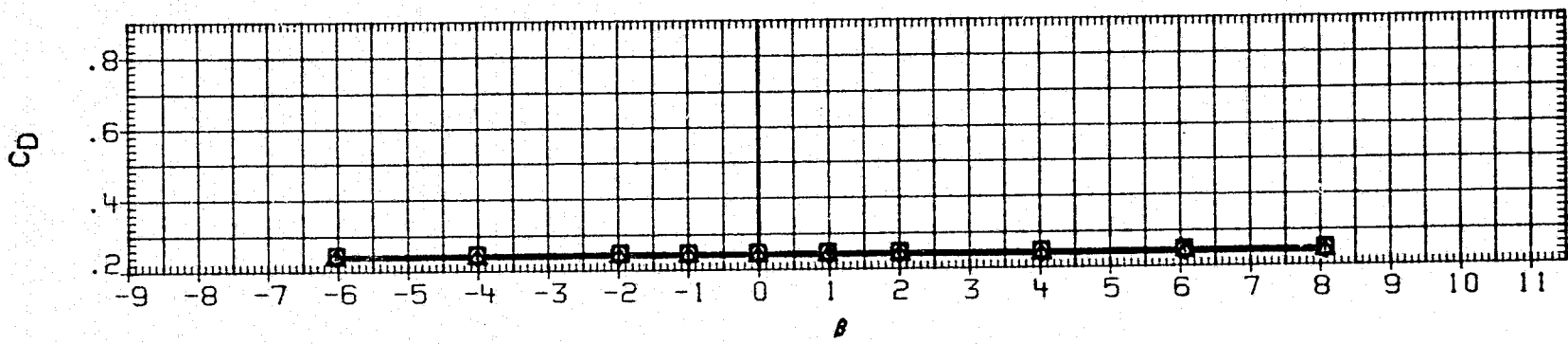
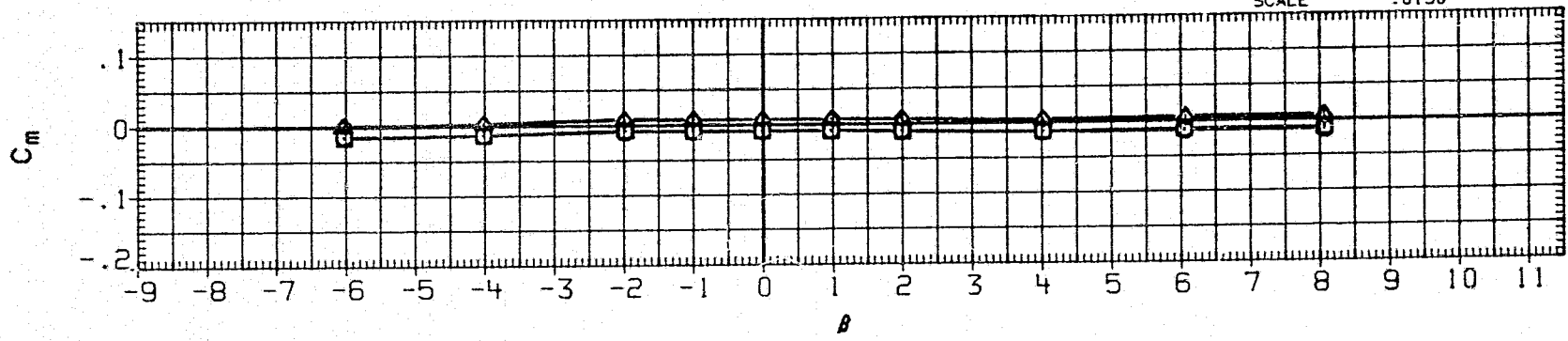


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION

AJH104	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

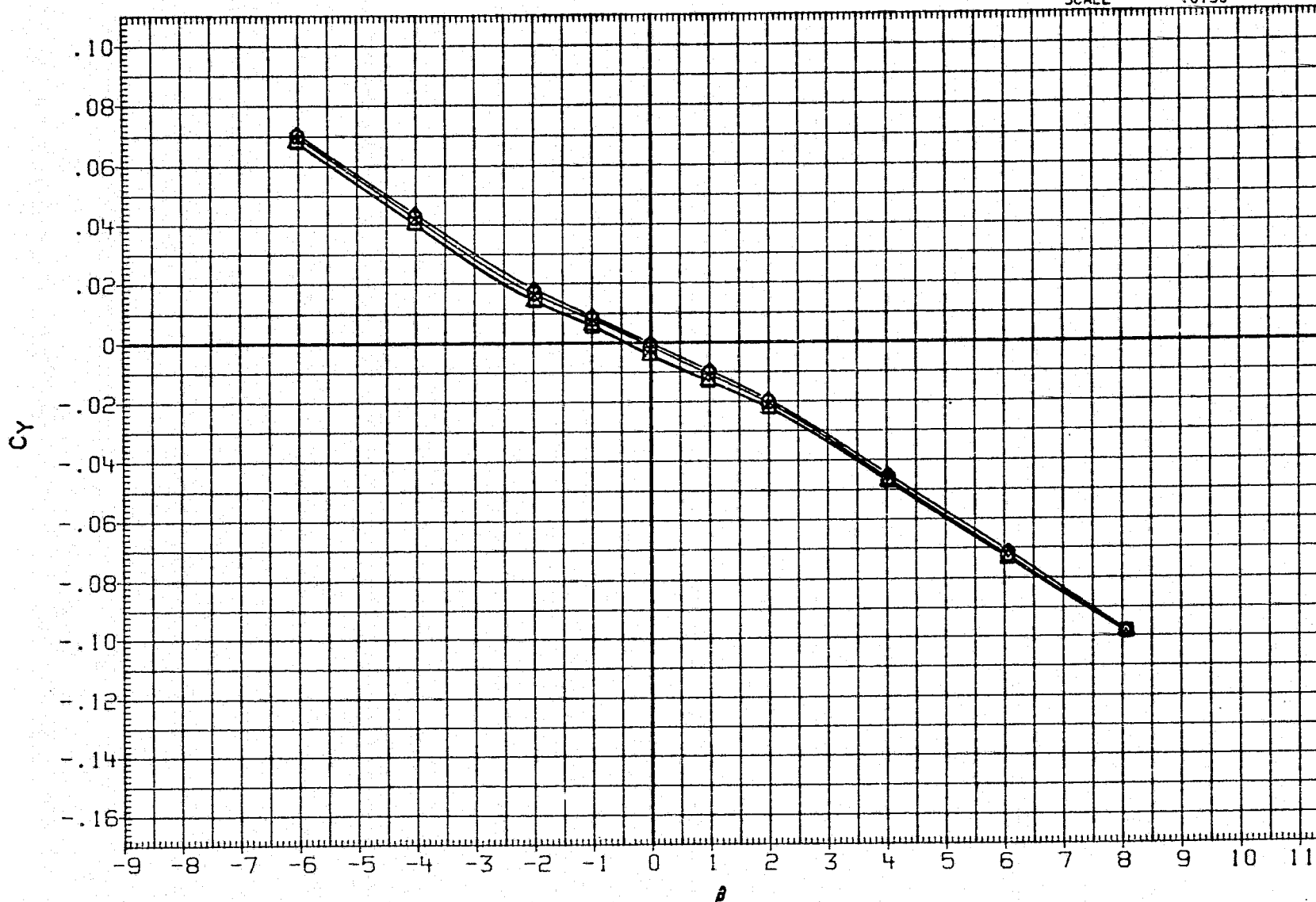


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDRBK

REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION
AJH104	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

20.000

.000

.000

.000

70.000

SREF 2690.0000

SQ.FT.

AJH106	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
--------	---

20.000

-10.000

.000

.000

70.000

LREF 474.8000

INCHES

AJH105	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
--------	---

20.000

.000

5.000

-10.000

70.000

BREF 936.6800

INCHES

AJH107	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
--------	---

20.000

-10.000

5.000

-10.000

70.000

XMRP 1076.7000

IN. YO

YMRP .0000

IN. ZO

ZMRP 375.0000

SCALE .0150

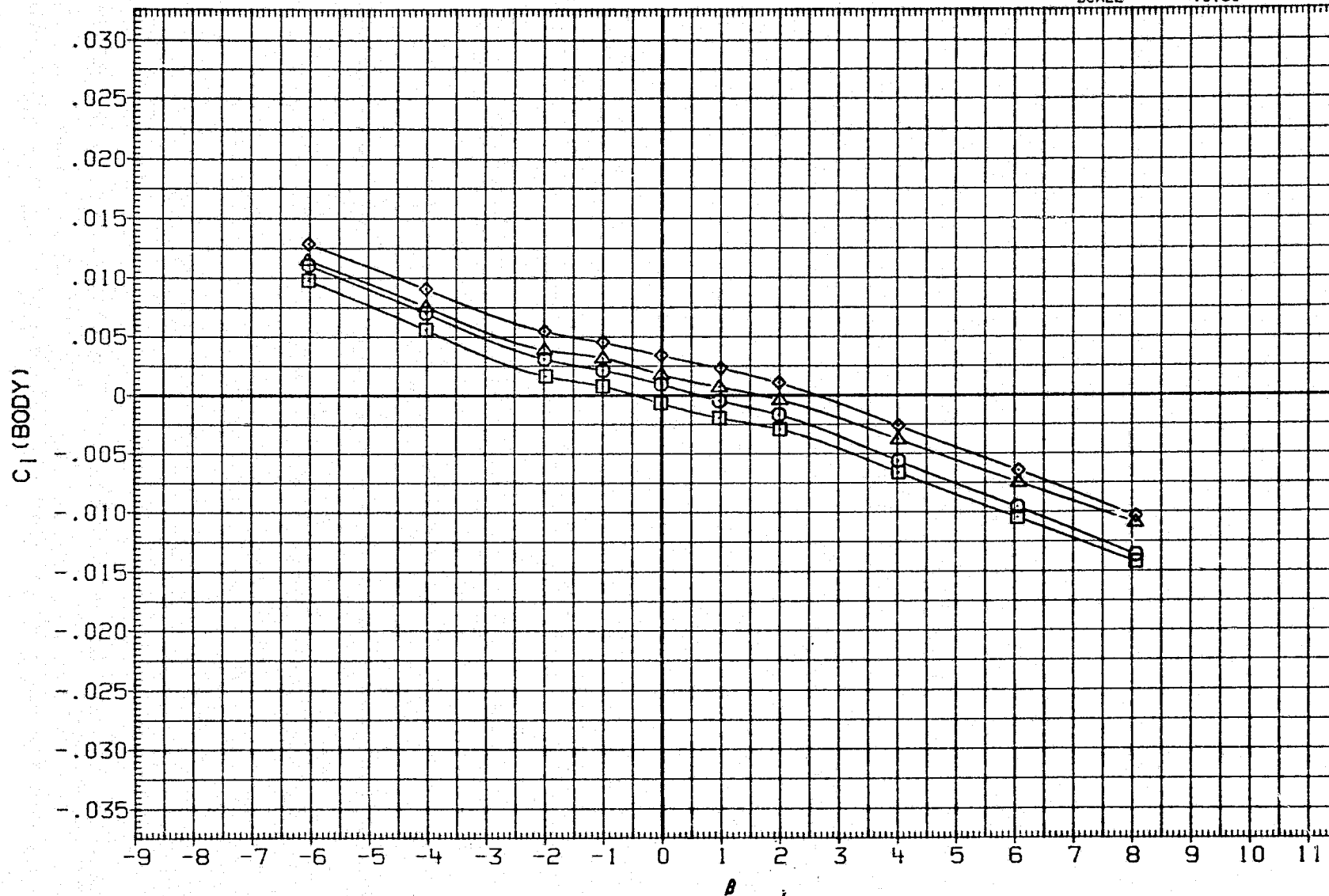


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

PAGE 732

DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPOBRK

REFERENCE INFORMATION

AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

20.000

.000

.000

.000

70.000

SREF

2690.0000

SQ.FT.

20.000

-10.000

.000

.000

70.000

LREF

474.8000

INCHES

20.000

.000

5.000

-10.000

70.000

BREF

936.6800

INCHES

20.000

-10.000

5.000

-10.000

70.000

XMRP

1076.7000

IN. XO

YMRP

.0000

IN. YO

ZMRP

375.0000

IN. ZO

SCALE

.0150

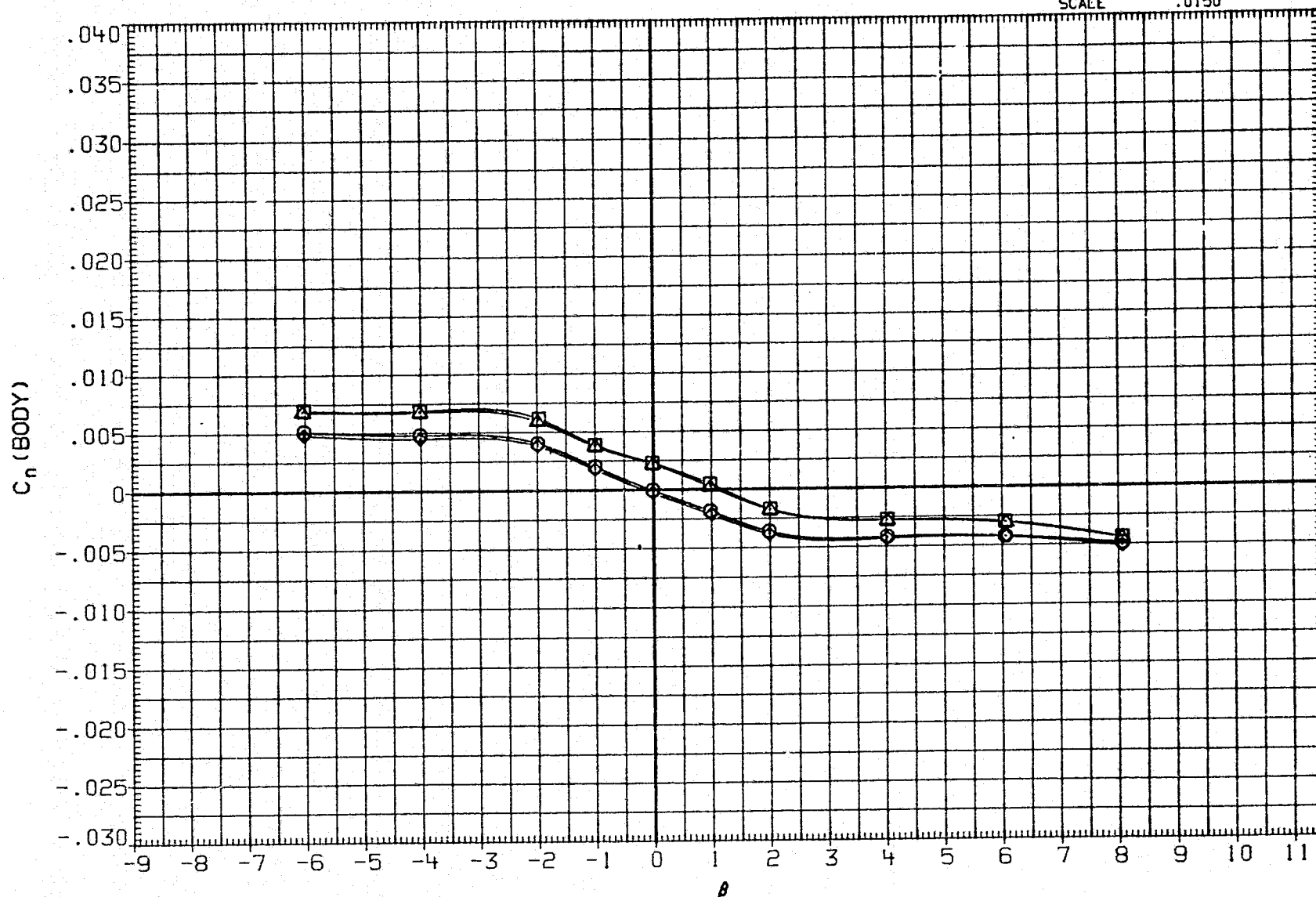


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

PAGE 733

DATA SET SYMBOL

CONFIGURATION

ALPHA

RUDDER

AILRON

ELEVON

SPDBRK

REFERENCE INFORMATION

D/

DATA SET SYMBOL	CONFIGURATION
AJH104	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

20.000

.000

.000

.000

70.000

SREF

2690.0000

SQ.FT.

20.000

-10.000

.000

.000

70.000

LREF

474.8000

INCHES

20.000

.000

5.000

-10.000

70.000

BREF

936.6800

INCHES

20.000

-10.000

5.000

-10.000

70.000

XMRP

1076.7000

IN. XO

YMRP

.0000

IN. YO

ZMRP

375.0000

IN. ZO

SCALE

.0150

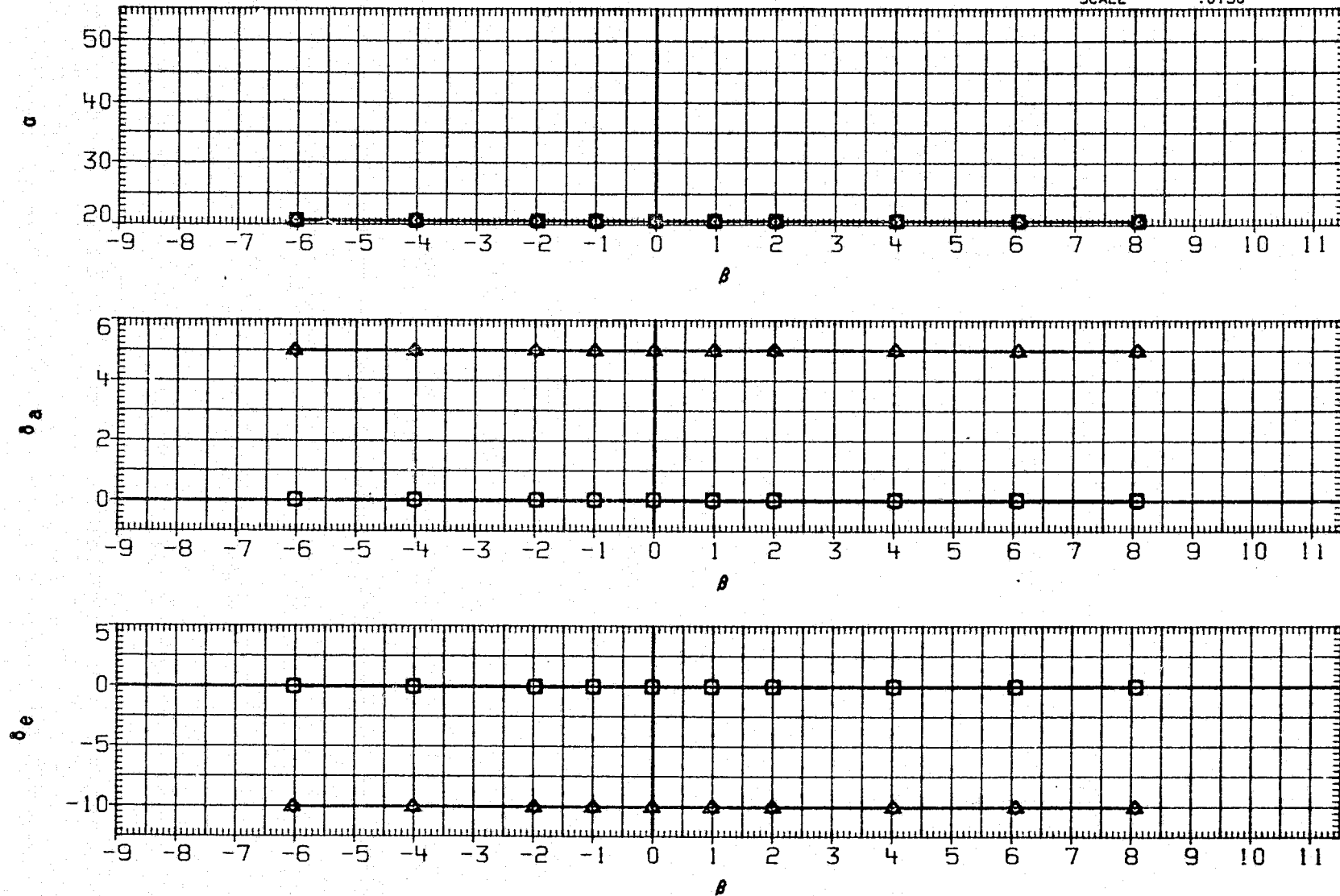


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION			DA
AJH104	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.	/
AJH106	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES	/
AJH105	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES	/
AJH107	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XO	/
							YMRP	.0000	IN. YO	
							ZMRP	375.0000	IN. ZO	
							SCALE	.0150		

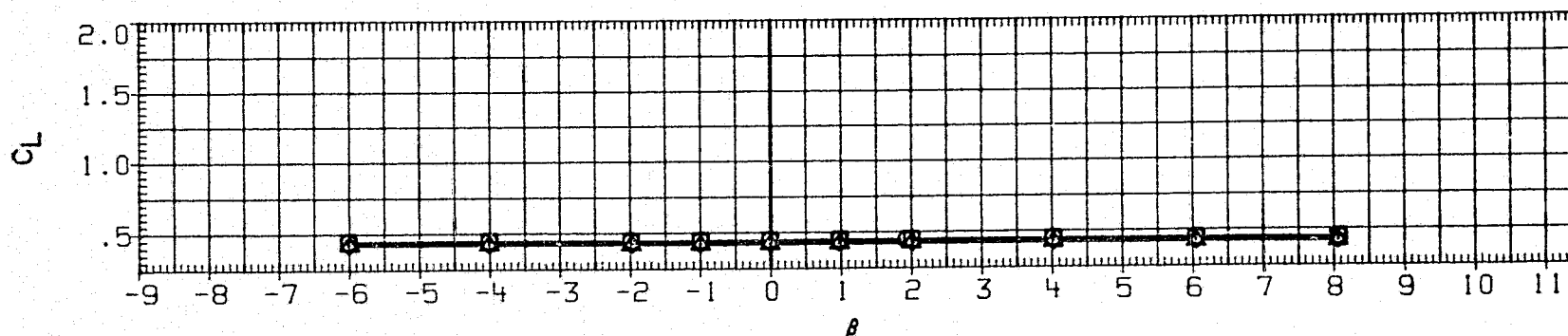
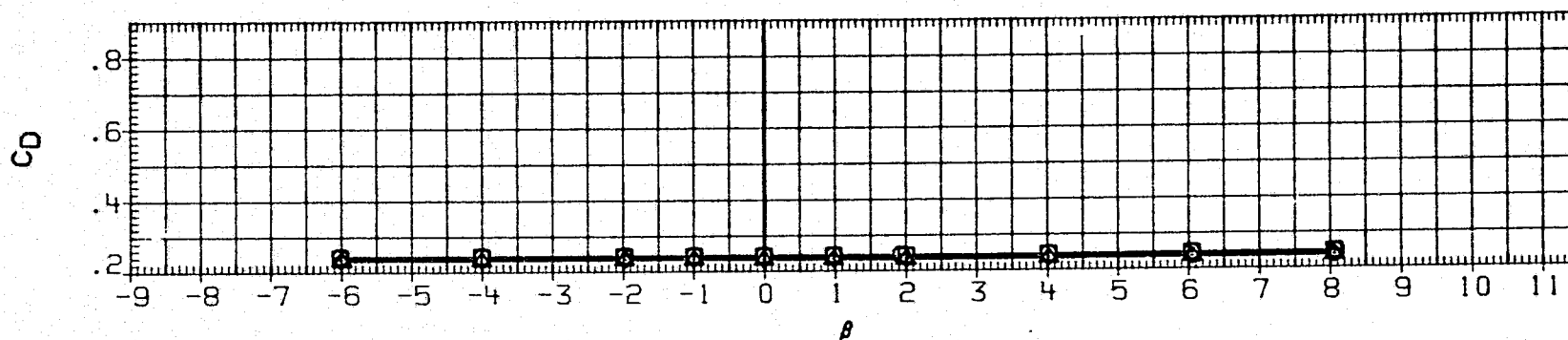
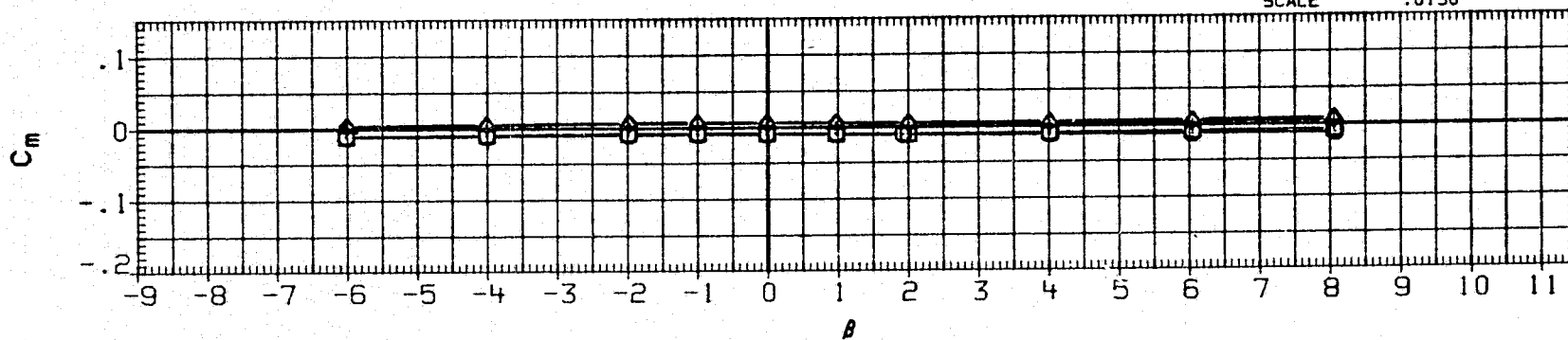


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH104	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.
AJH106	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. YO
							YMRP	.0000	IN. ZO
							ZMRP	375.0000	
							SCALE	.0150	

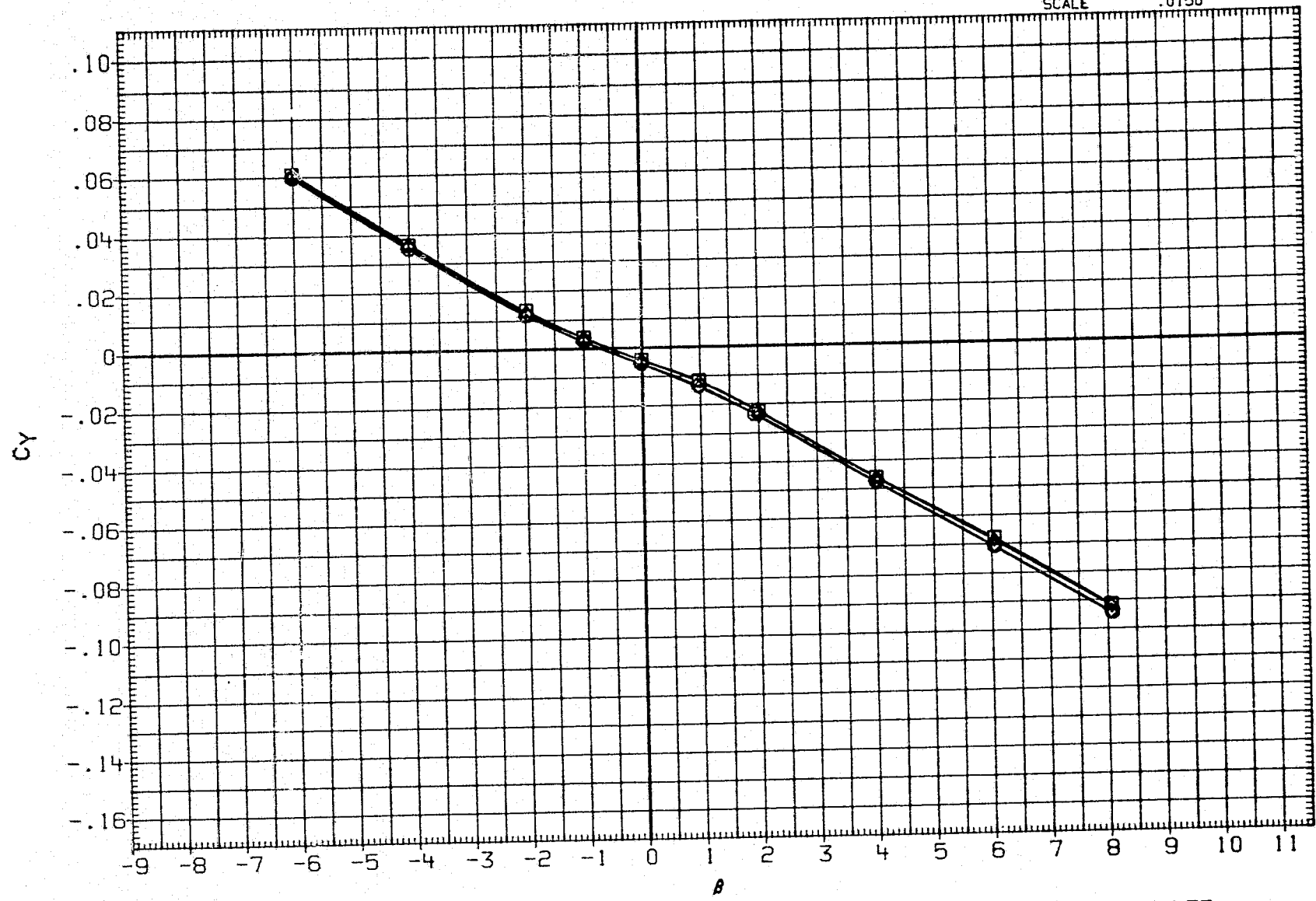


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG. PAGE 736

(C)MACH = 4.60

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH104	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.
AJH106	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XC
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

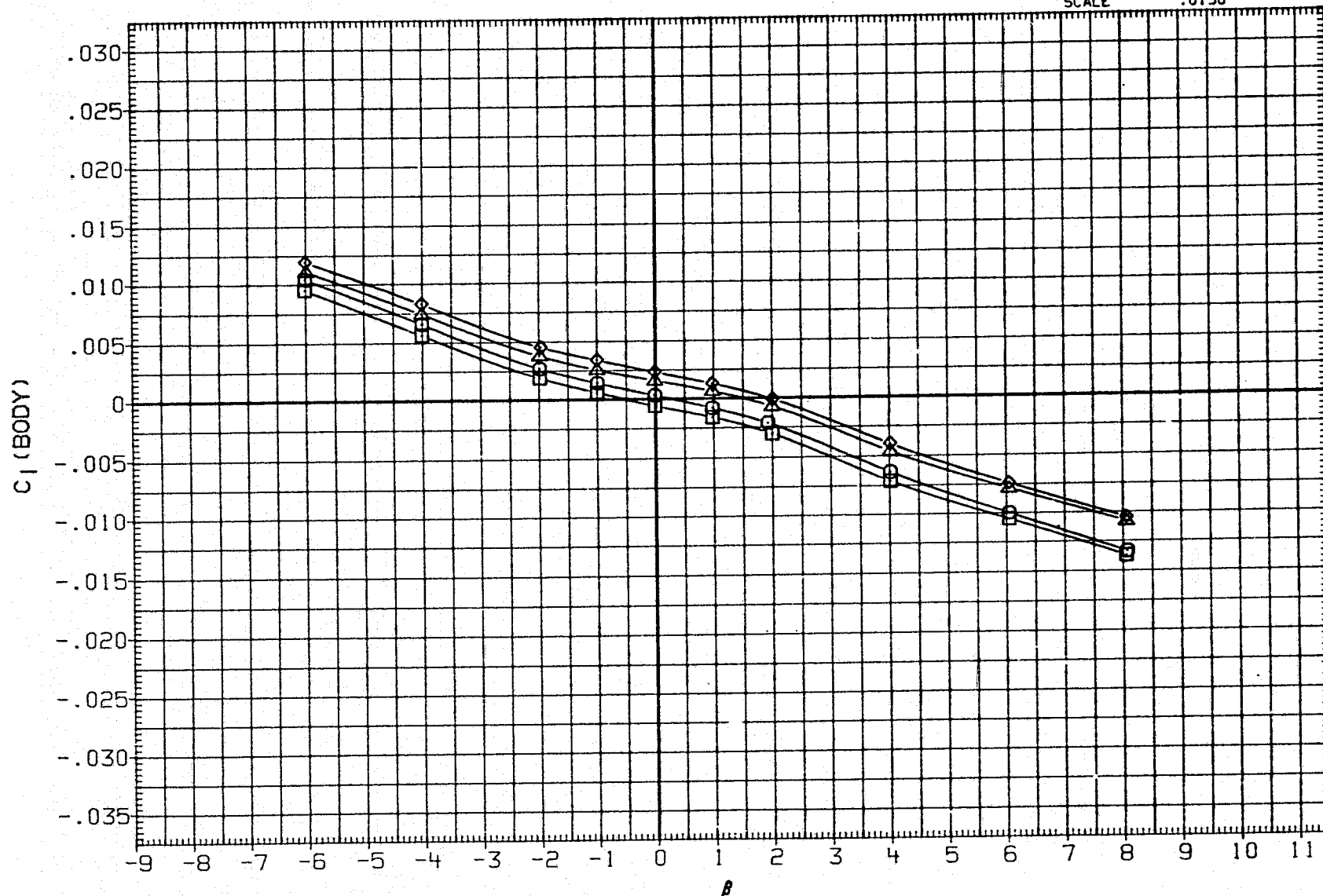


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	70.000	SREF	2690.0000	SQ.FT.
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	70.000	LREF	474.8000	INCHES
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	70.000	BREF	936.6800	INCHES
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	70.000	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

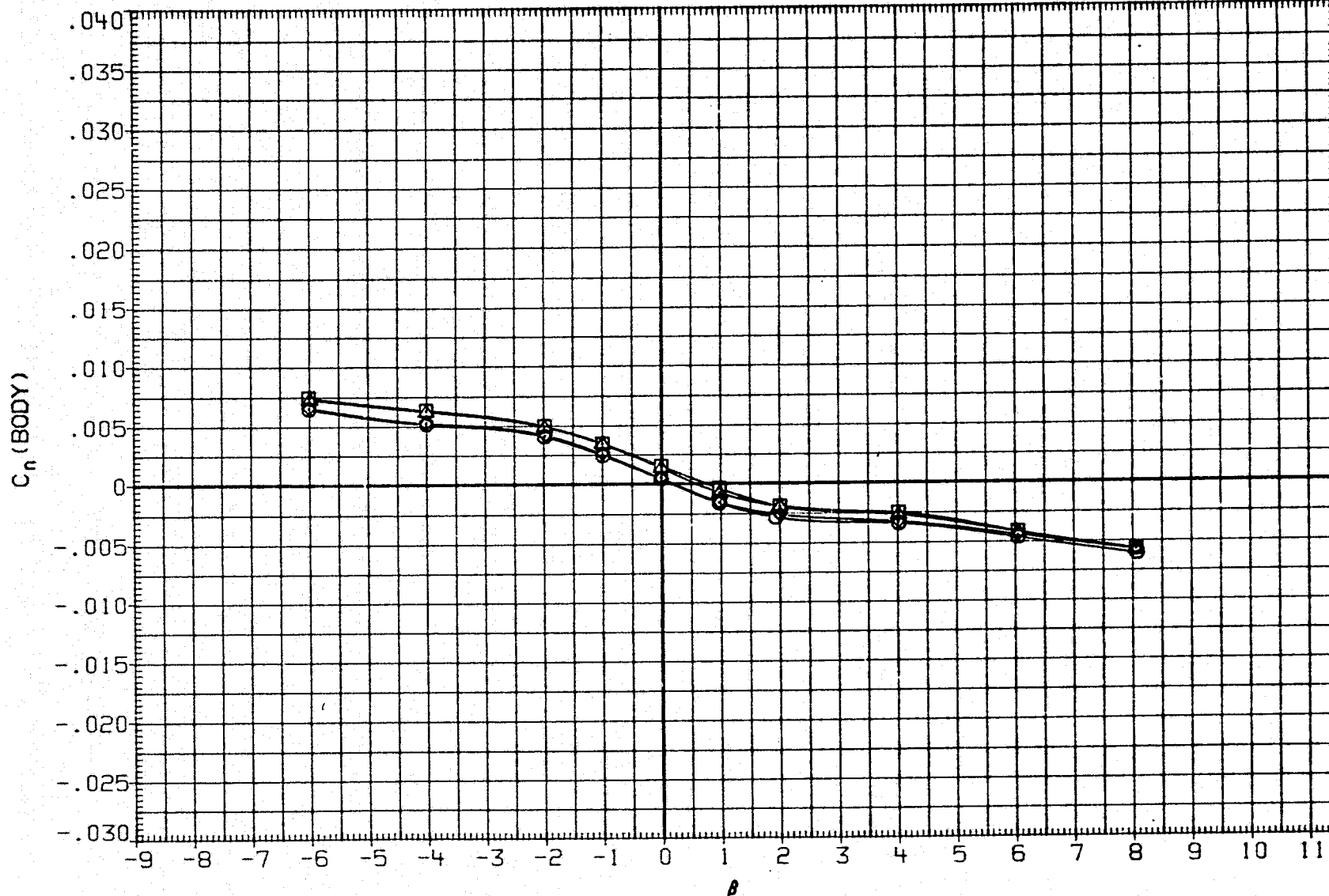


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(C) MACH = 4.60

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DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
20.000	.000	.000	.000	70.000
20.000	-10.000	.000	.000	70.000
20.000	.000	5.000	-10.000	70.000
20.000	-10.000	5.000	-10.000	70.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

AJH104	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH106	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH105	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH107	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

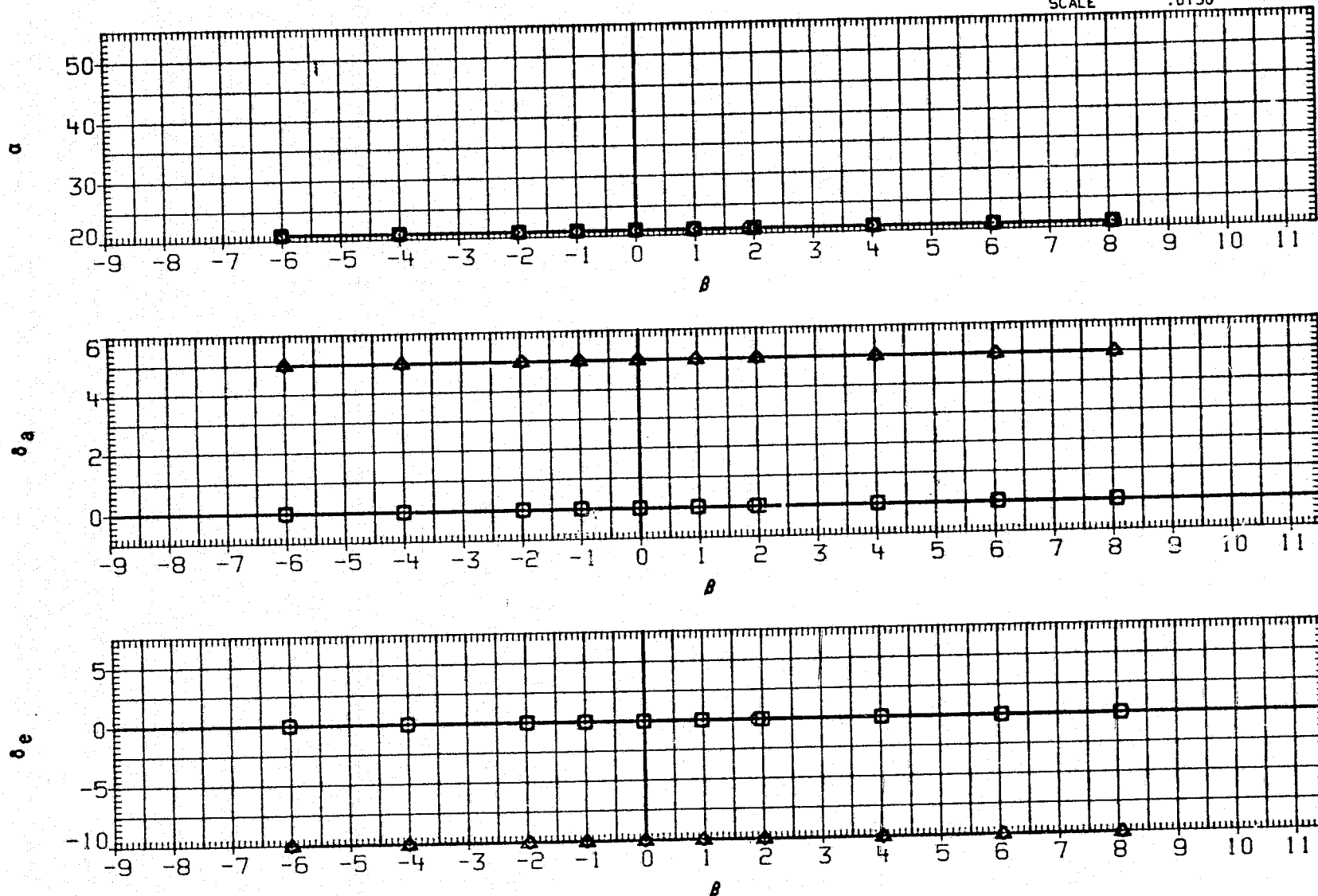


FIGURE 19. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 70 DEG., ALPHA= 20 DEG.

(C)MACH = 4.60

PAGE 739

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

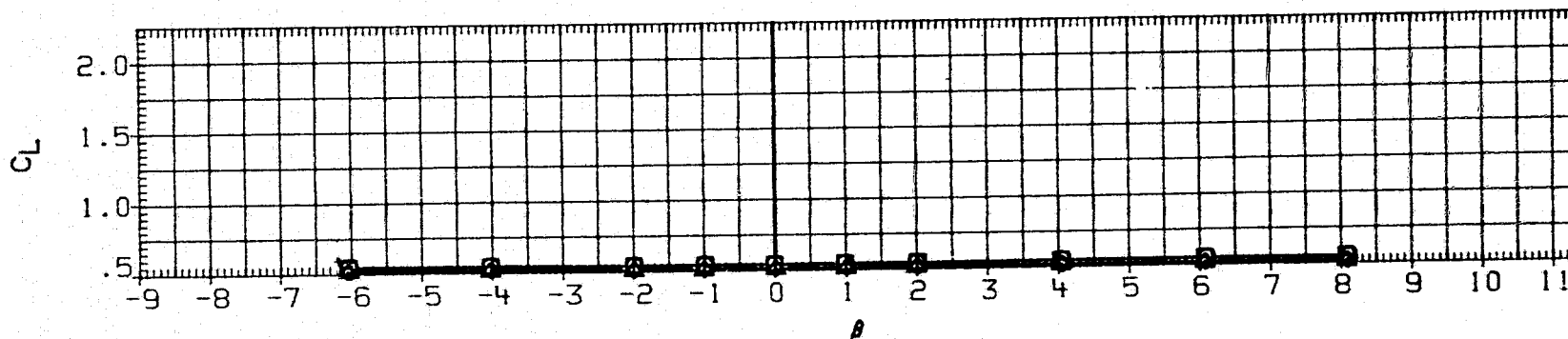
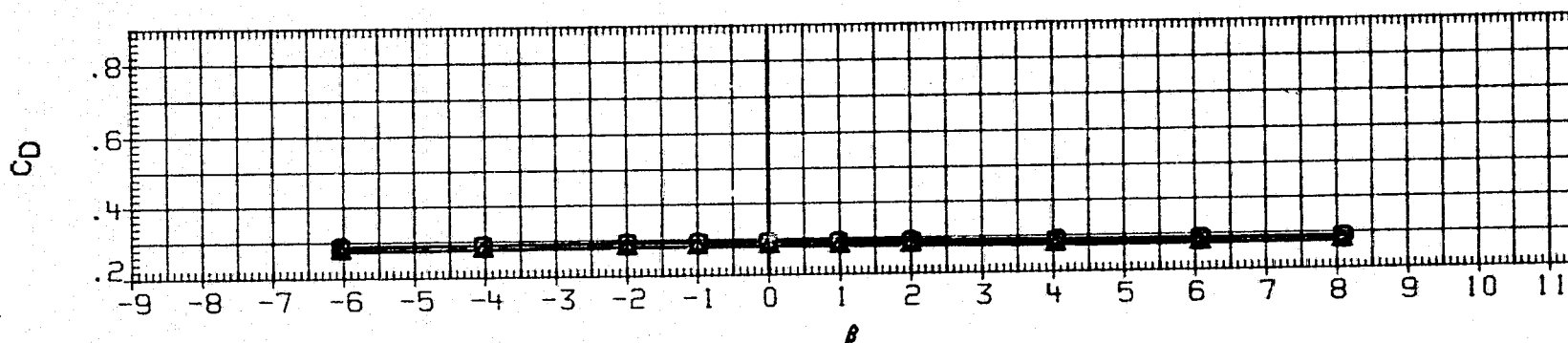
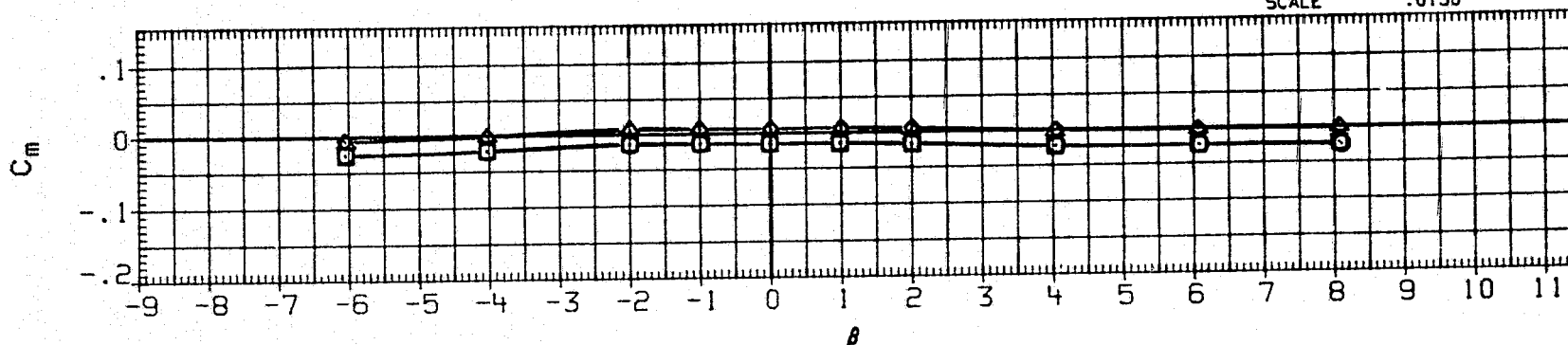


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
20.000	.000	.000	.000	82.500
20.000	-10.000	.000	.000	82.500
20.000	.000	5.000	-10.000	82.500
20.000	-10.000	5.000	-10.000	82.500

REFERENCE INFORMATION

SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

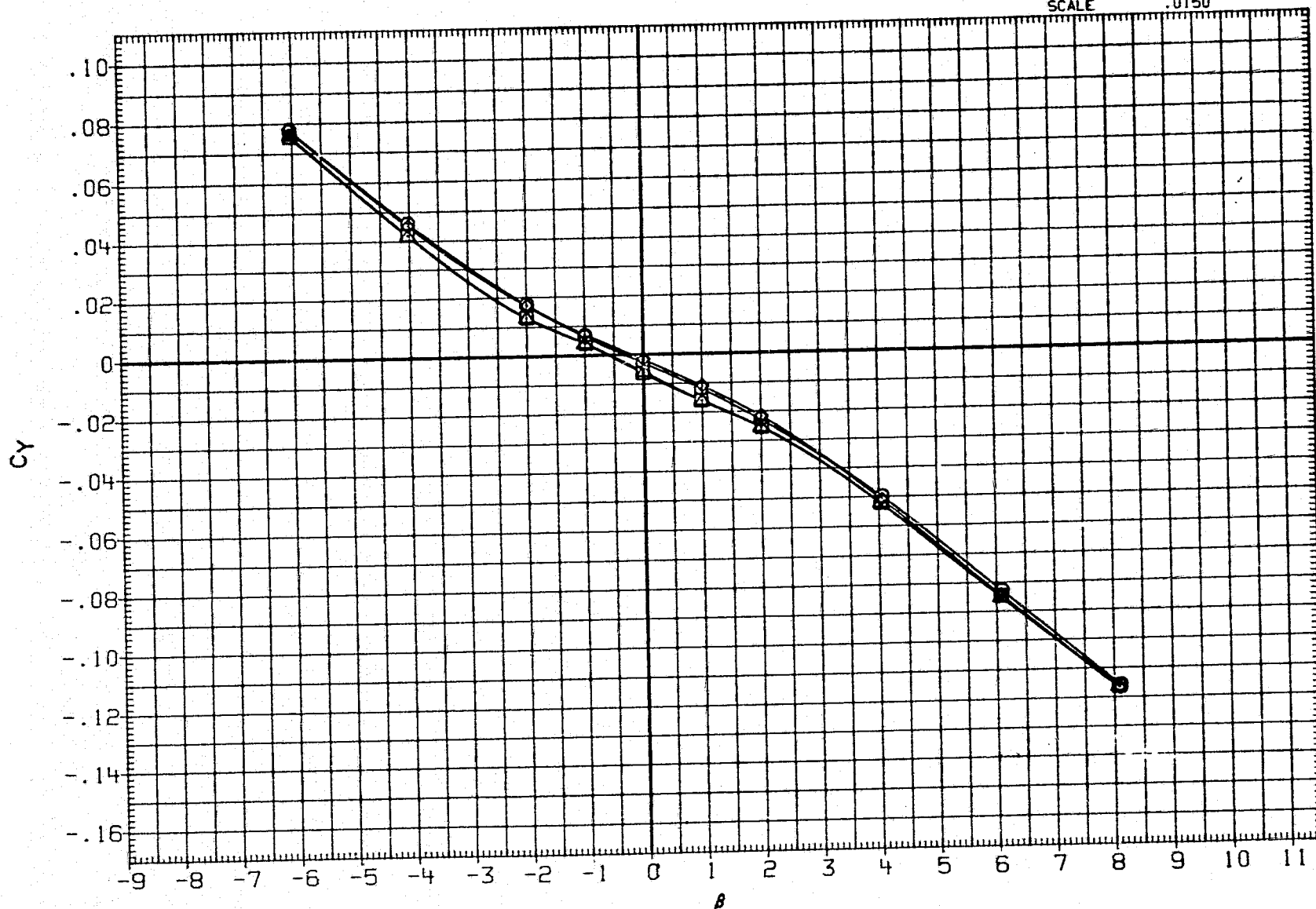


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

PAGE

741

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	50.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

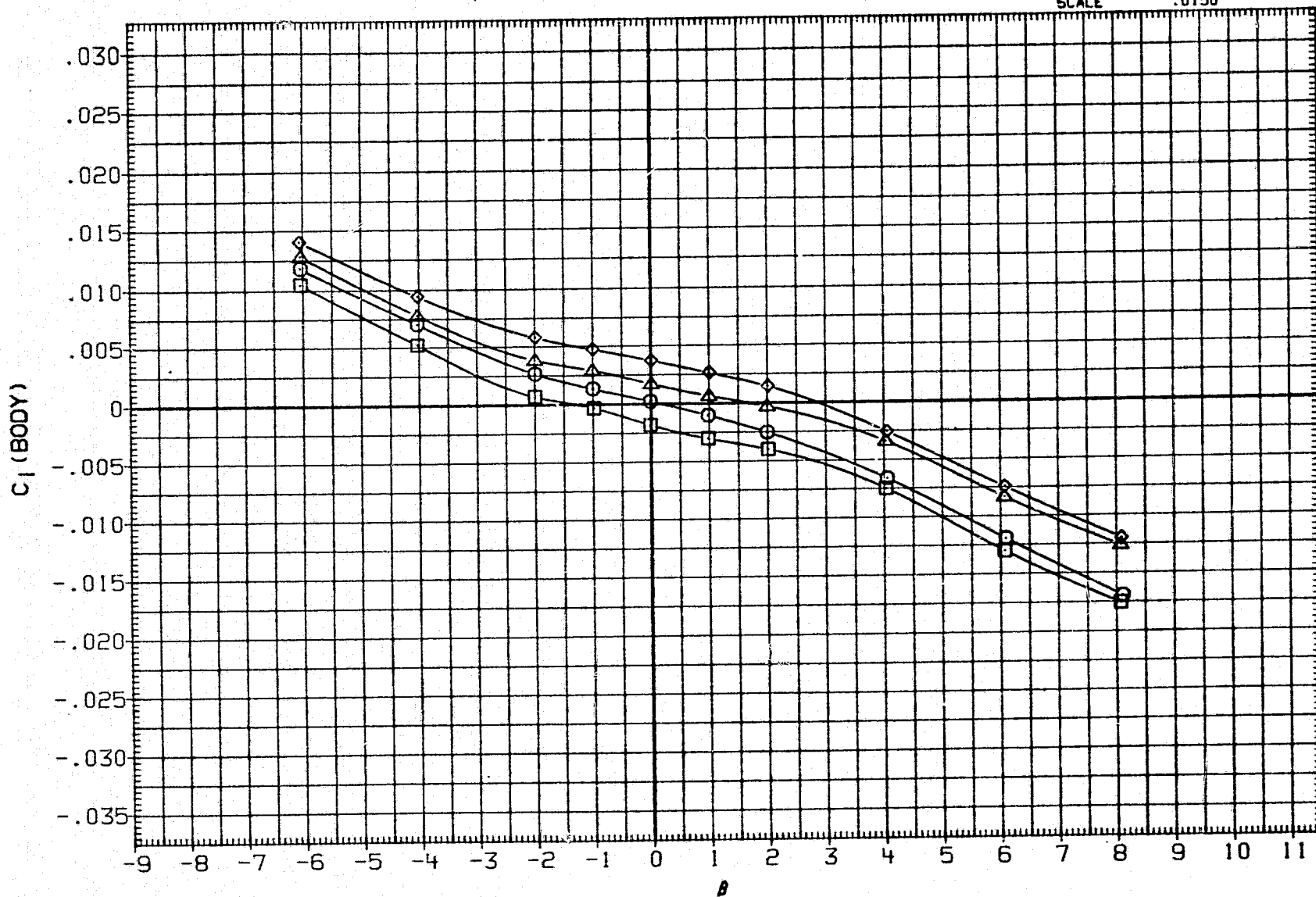


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(A) MACH = 2.86



DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

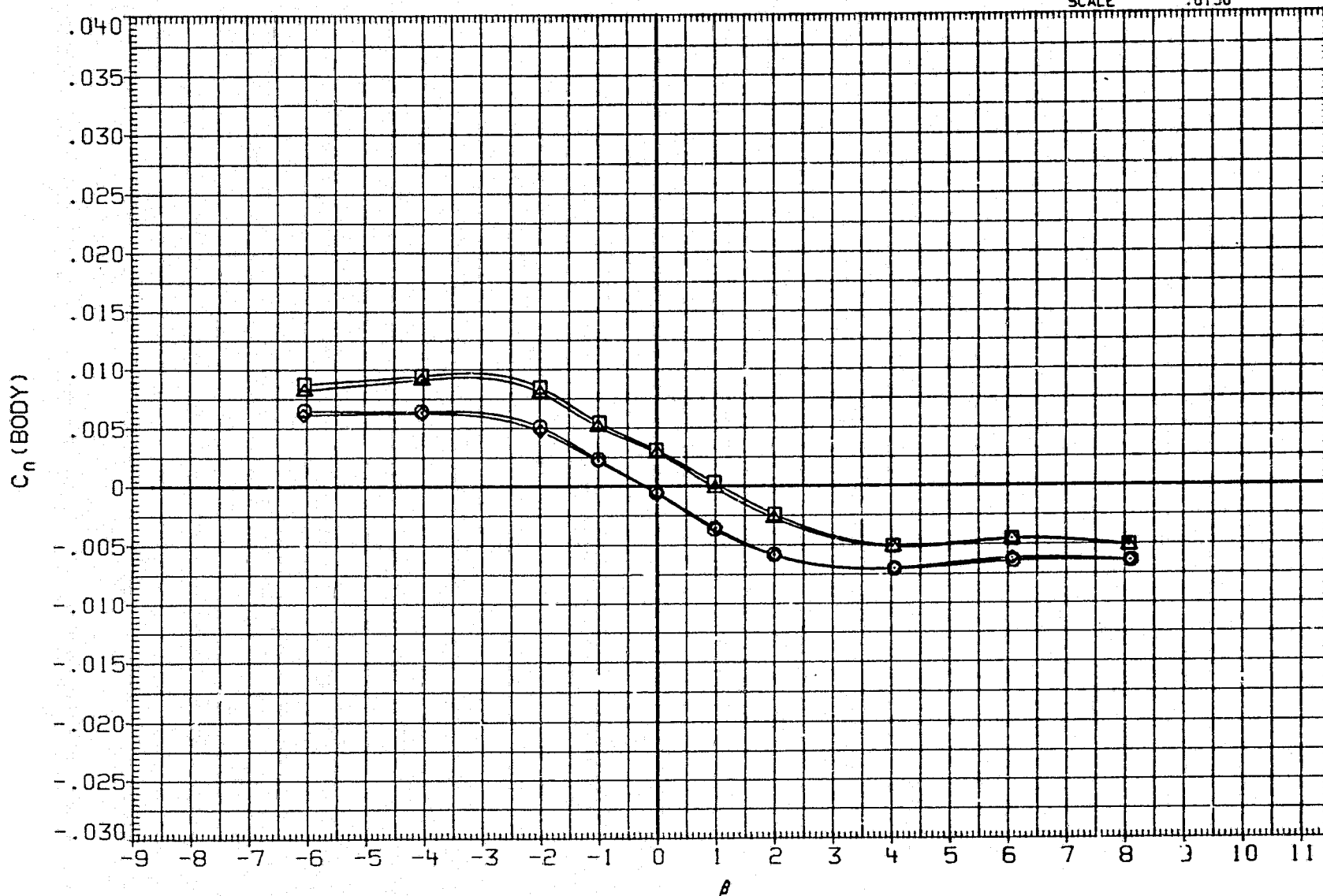


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ. FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

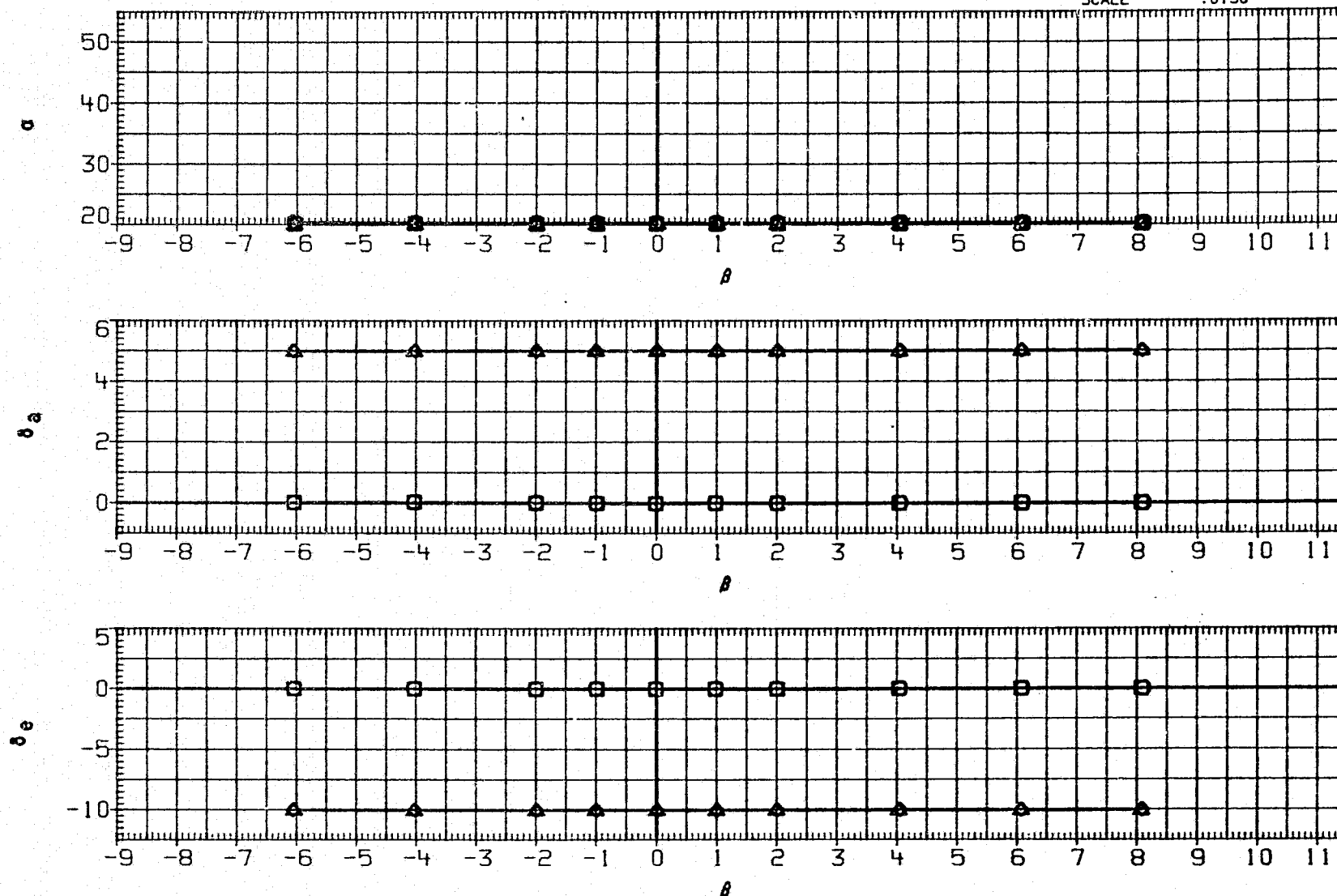


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(A)MACH = 2.86

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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	IN. XO
AJH111	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. YO
								YMRP	.0000	IN. ZO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

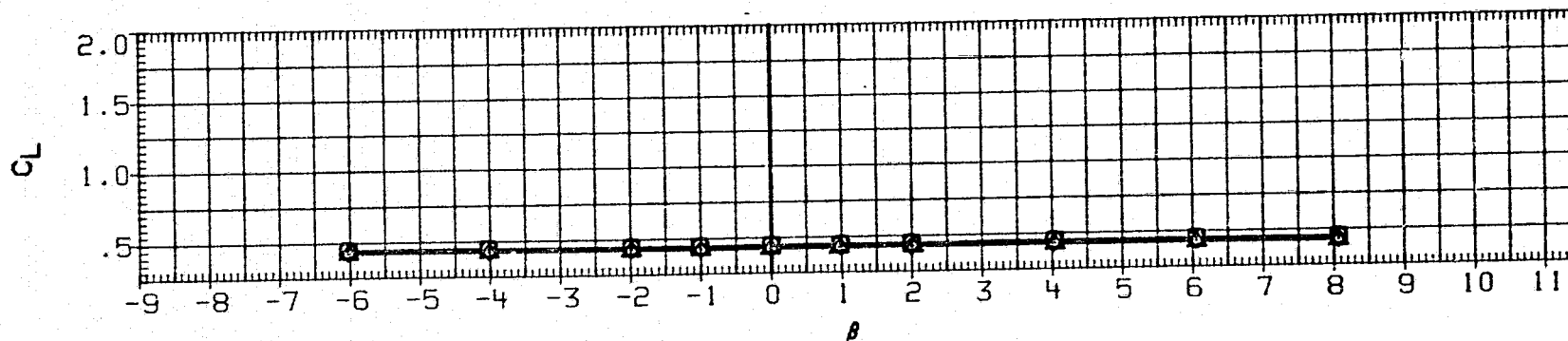
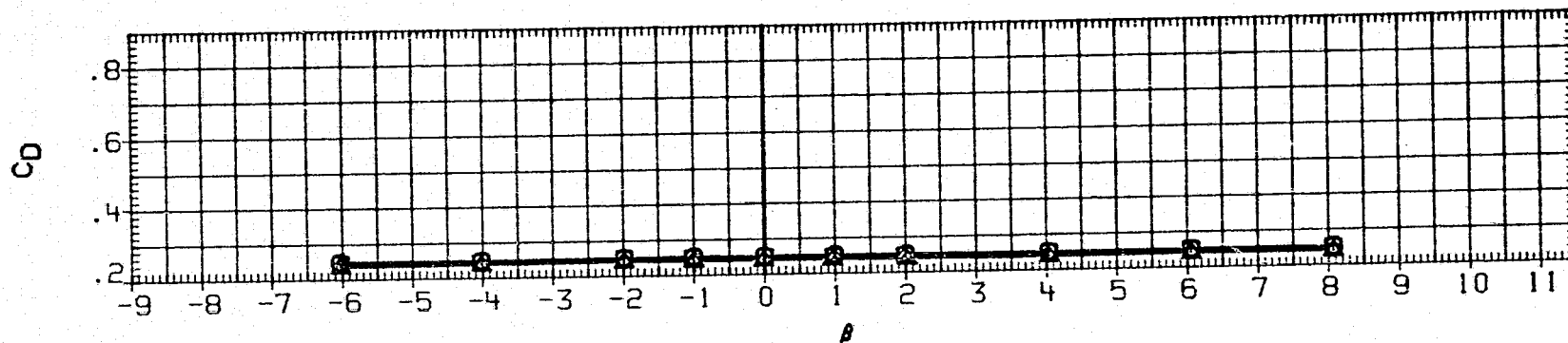
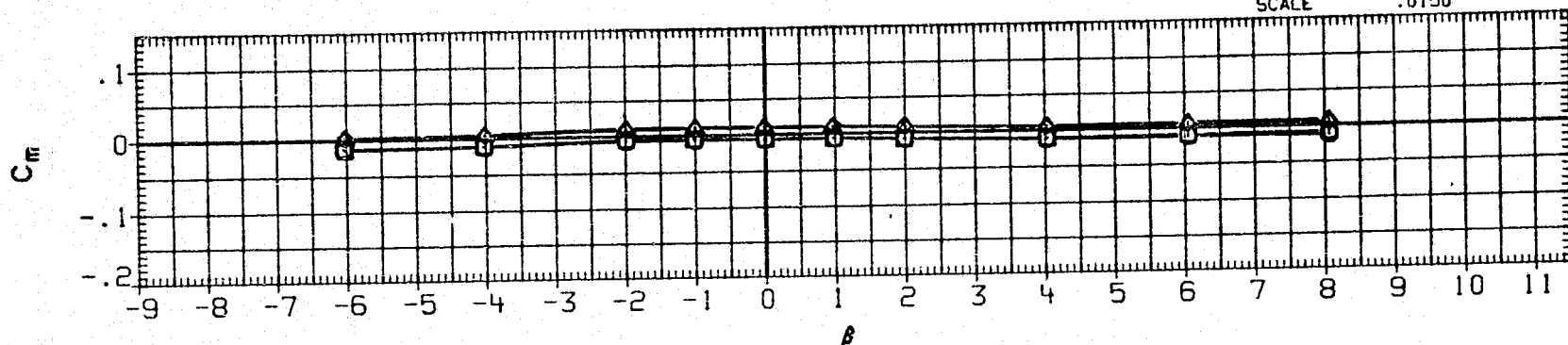


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(B)MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	SREF	REFERENCE INFORMATION	SQ.FT.
20.000	.000	.000	.000	82.500	2690.0000		INCHES
20.000	-10.000	.000	.000	82.500	474.8000		INCHES
20.000	.000	5.000	-10.000	82.500	936.6800		IN. XO
20.000	-10.000	5.000	-10.000	82.500	1076.7000		IN. YO
					.0000		IN. ZO
					375.0000		
					SCALE	.0150	

AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

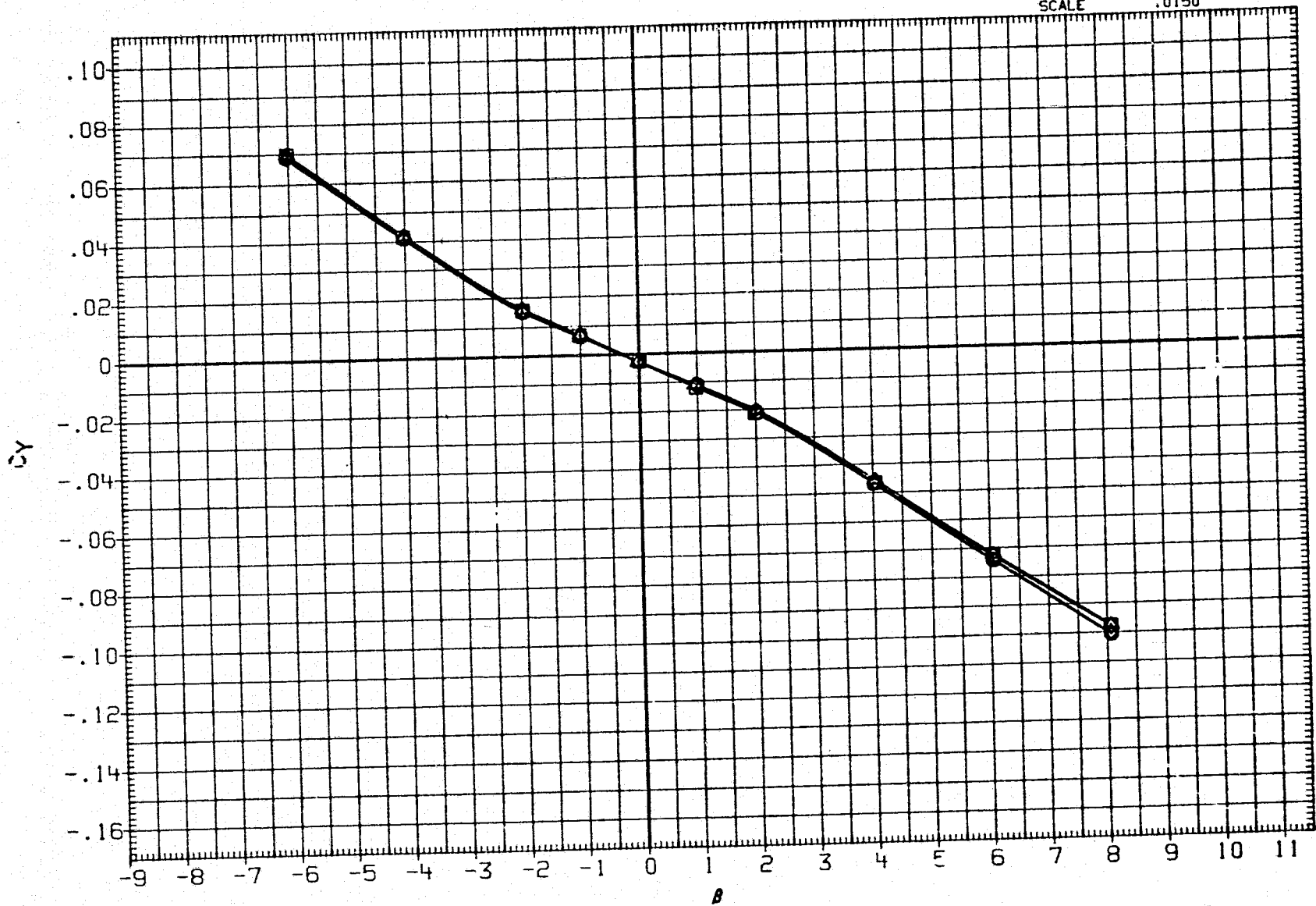


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(B) MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH108	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	.000	.000	.000	82.500	SREF	2690.0000	50.FT.
AJH110	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

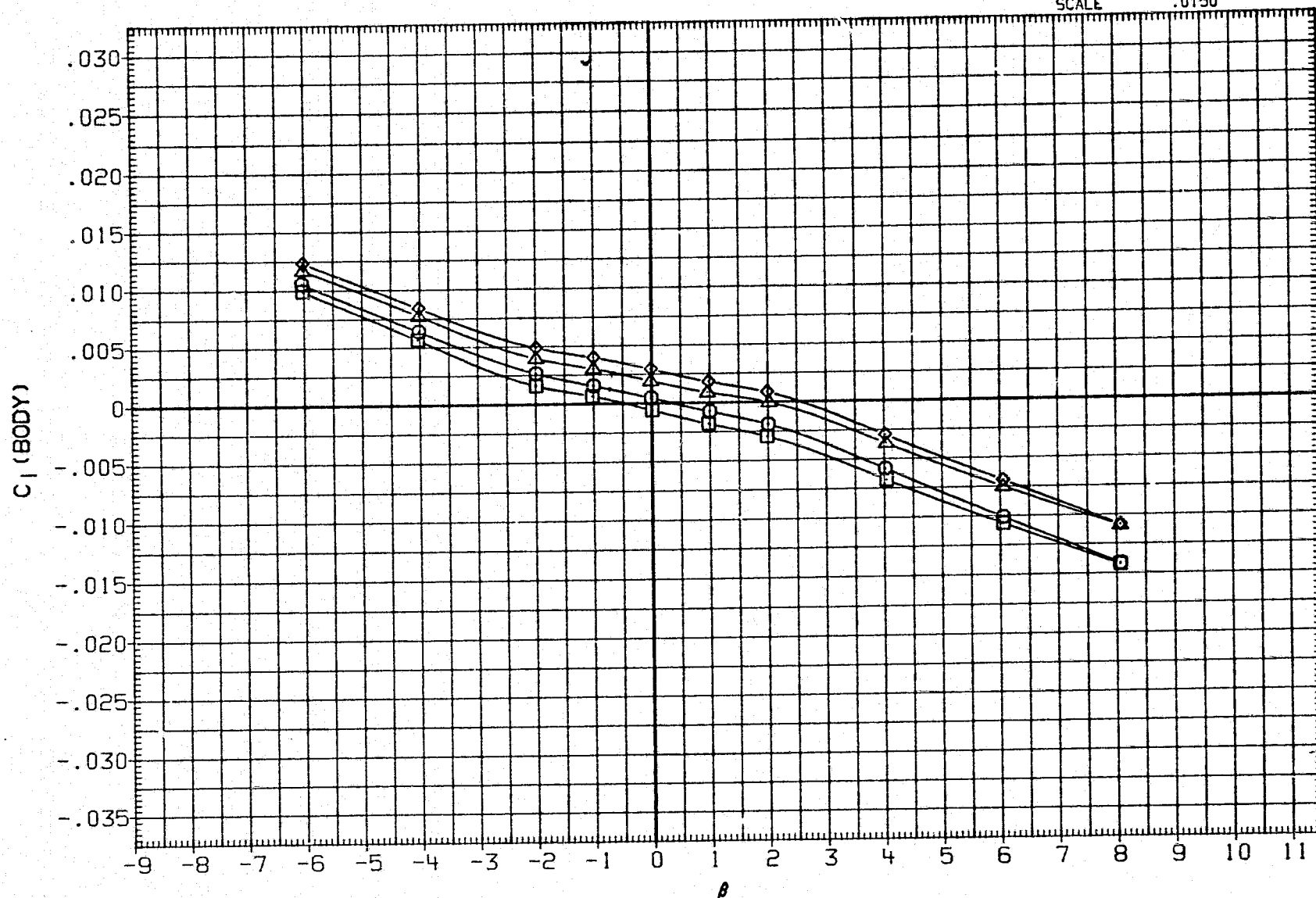


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL

CONFIGURATION

ALPHA	RUDDER	AILRON	ELEVON	SPOBRK
20.000	.000	.000	.000	82.500
20.000	-10.000	.000	.000	82.500
20.000	.000	5.000	-10.000	82.500
20.000	-10.000	5.000	-10.000	82.500

REFERENCE INFORMATION

	SQ.FT.
SREF	2690.0000
LREF	474.8000
BREF	936.6800
XMRP	1076.7000
YMRP	.0000
ZMRP	375.0000
SCALE	.0150

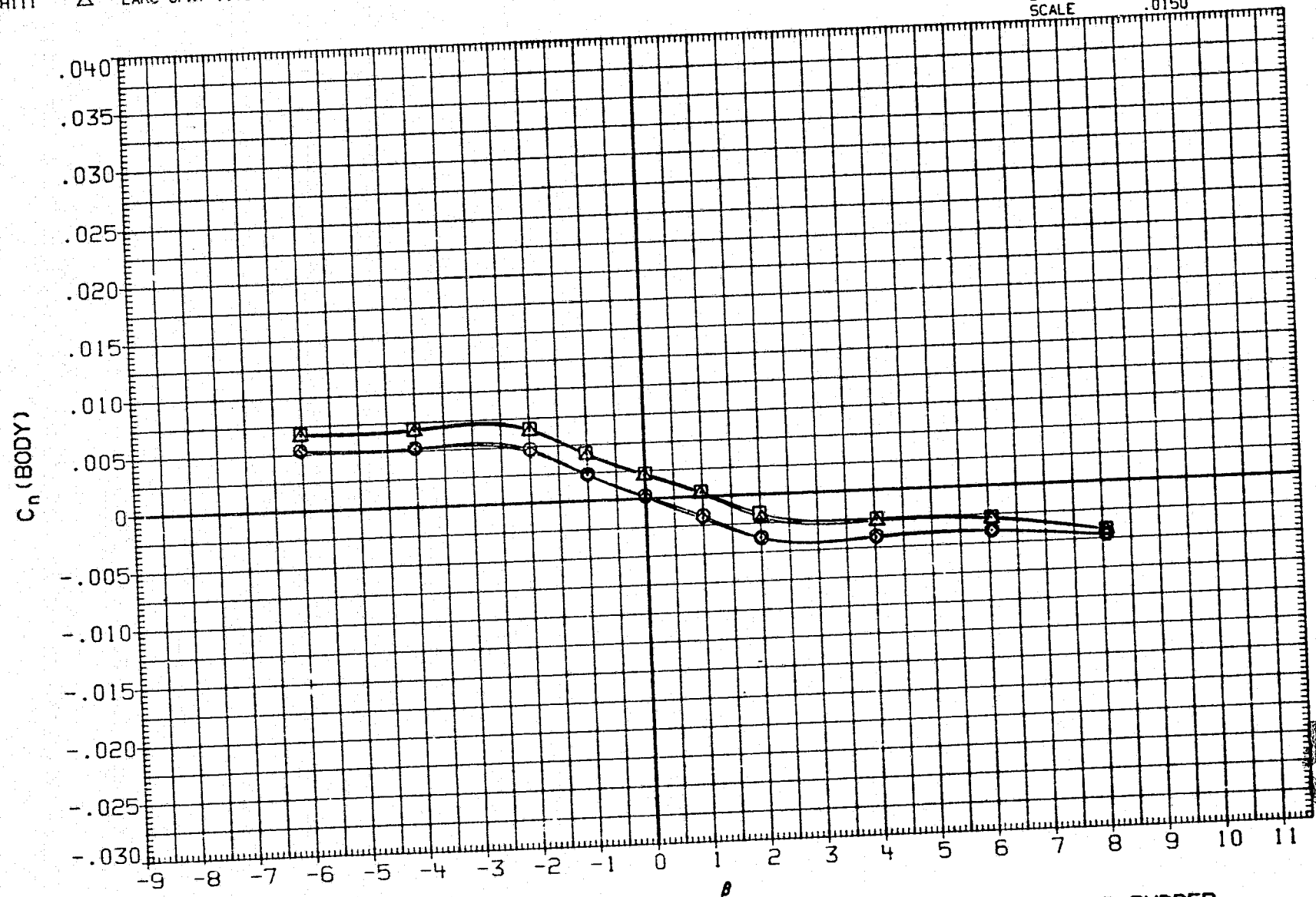


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG

(B) MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ. FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

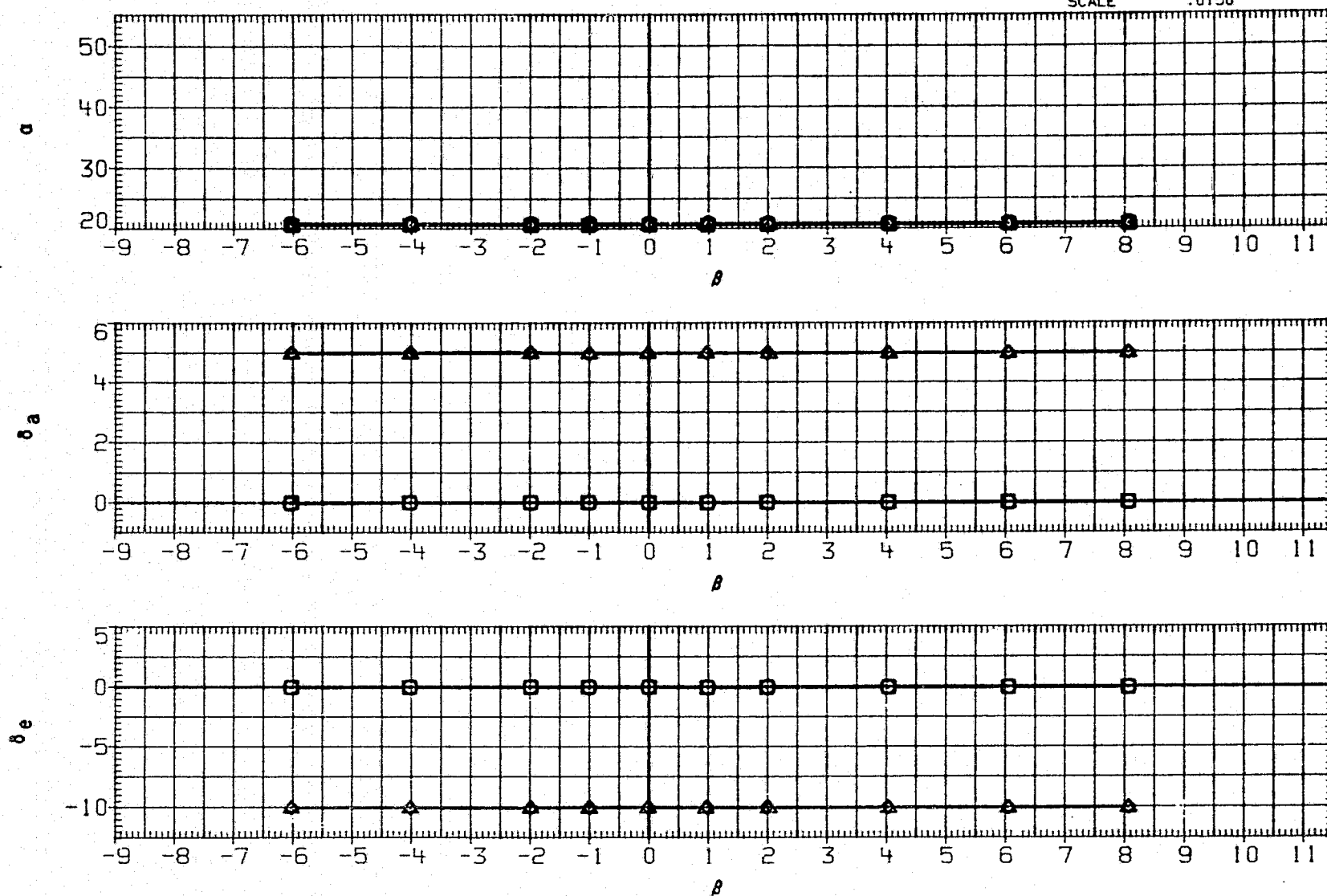


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(B) MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

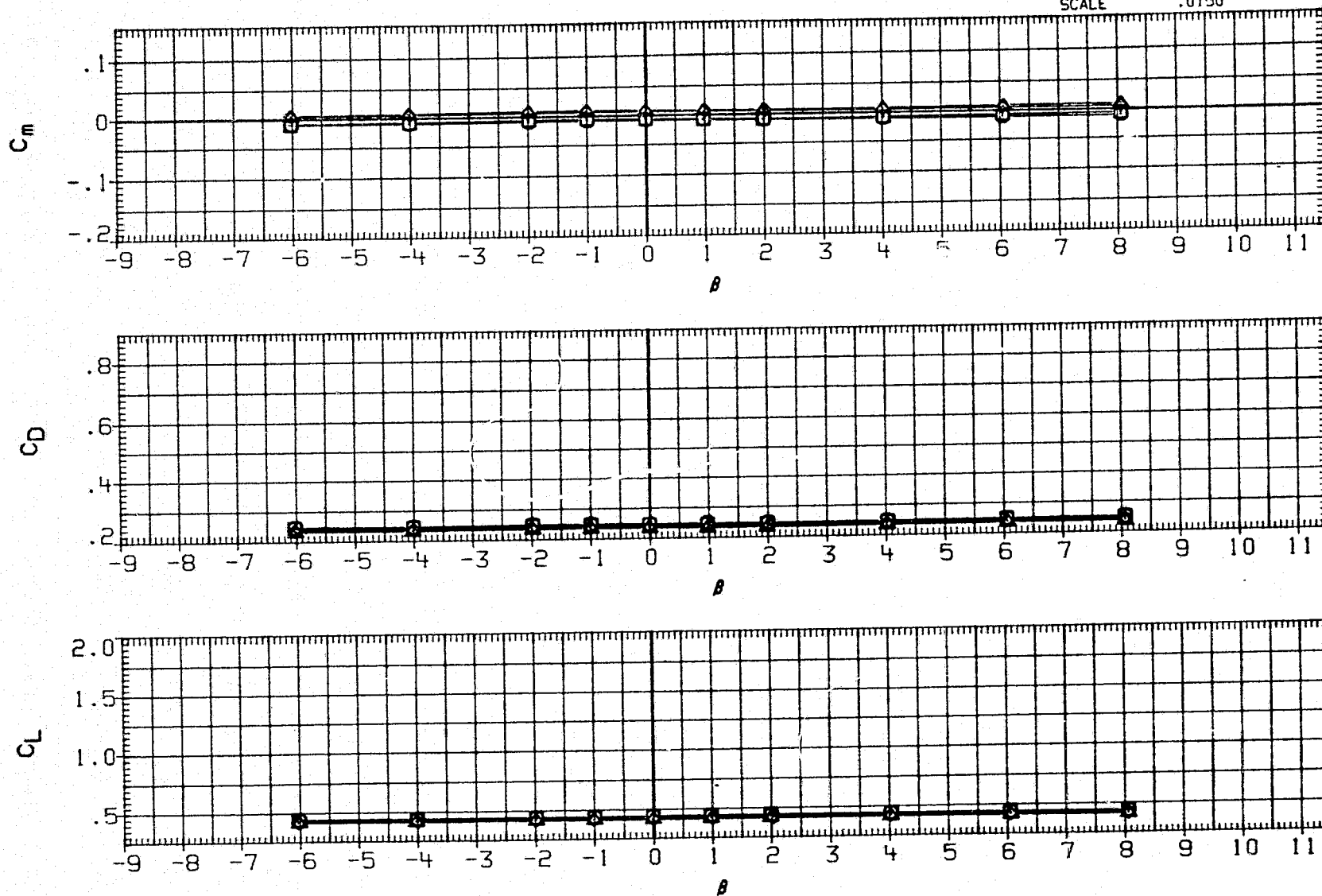


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(C) MACH = 4.60



DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPOBRK	REFERENCE INFORMATION		
			20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. X0
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

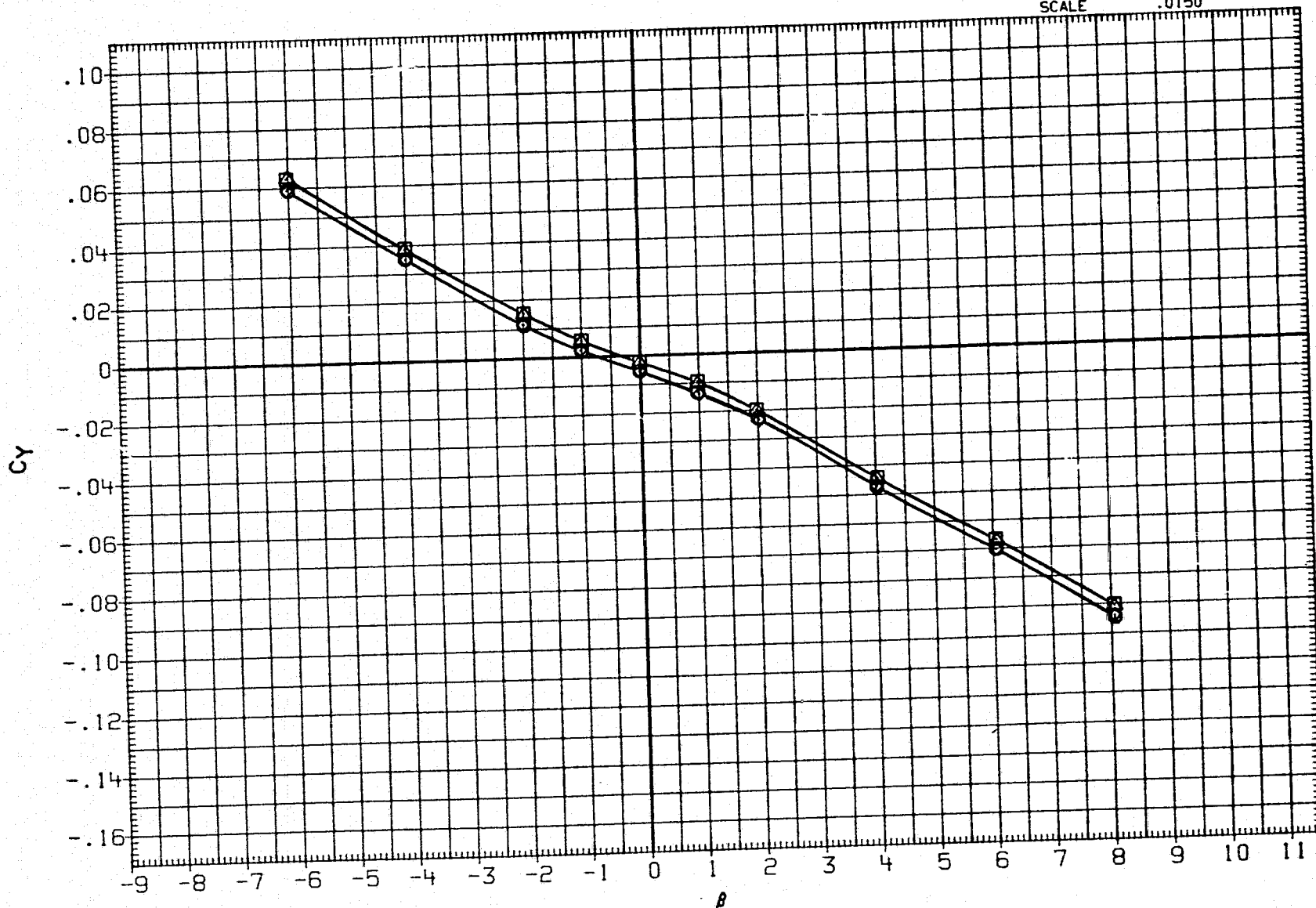


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ. FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	



FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION	ALPHA	RUDDER	AILRON	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH108	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	.000	.000	82.500	SREF	2690.0000	SQ.FT.
AJH110	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	.000	.000	82.500	LREF	474.8000	INCHES
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	.000	5.000	-10.000	82.500	BREF	936.6800	INCHES
AJH111	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.000	-10.000	5.000	-10.000	82.500	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

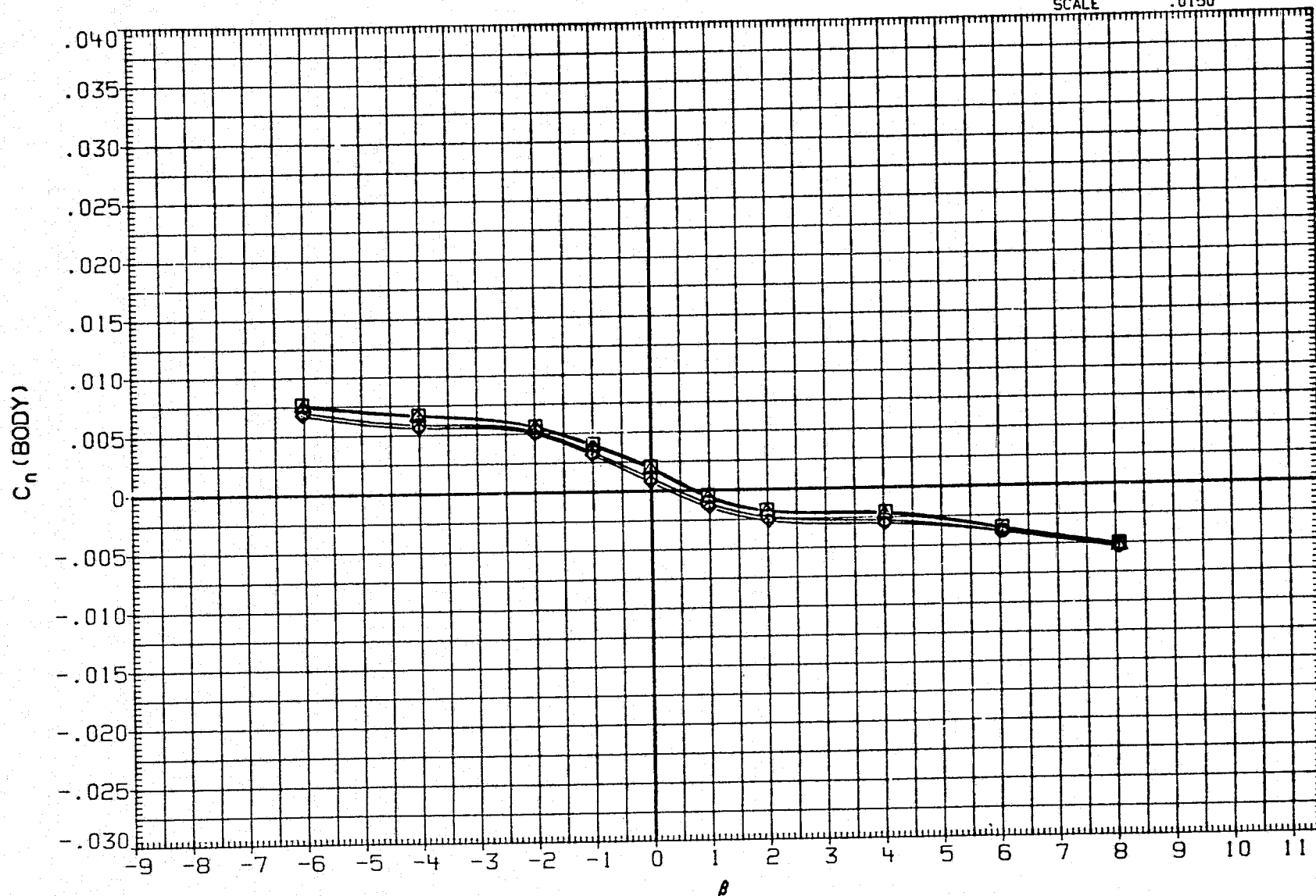


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

DATA SET SYMBOL

CONFIGURATION

AJH108	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W
AJH110	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W
AJH109	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W
AJH111	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

ALPHA	RUDDER	AILRON	ELEVON	SPDBRK
20.000	.000	.000	.000	82.500
20.000	-10.000	.000	.000	82.500
20.000	.000	5.000	-10.000	82.500
20.000	-10.000	5.000	-10.000	82.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

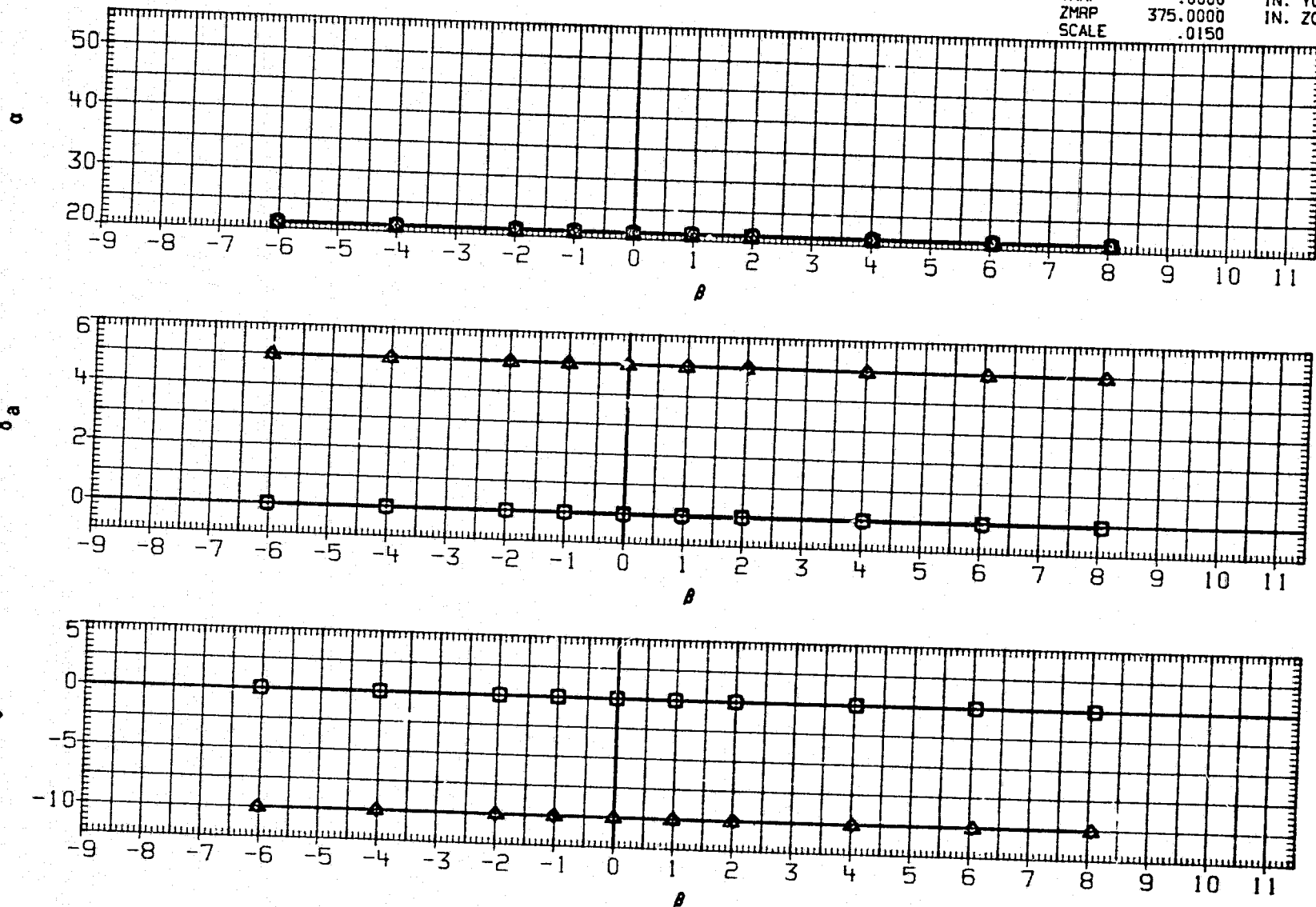


FIGURE 20. CONTROL SURFACE INTERACTION EFFECTS OF ELEVON,AILERON AND RUDDER DEFLECTION ON YAW POLARS,SPEED BRAKE AT 82.5 DEG.,ALPHA= 20 DEG.

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. 50.
AJH113	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. X0
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. Y0
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. Z0
							SCALE	.0150	

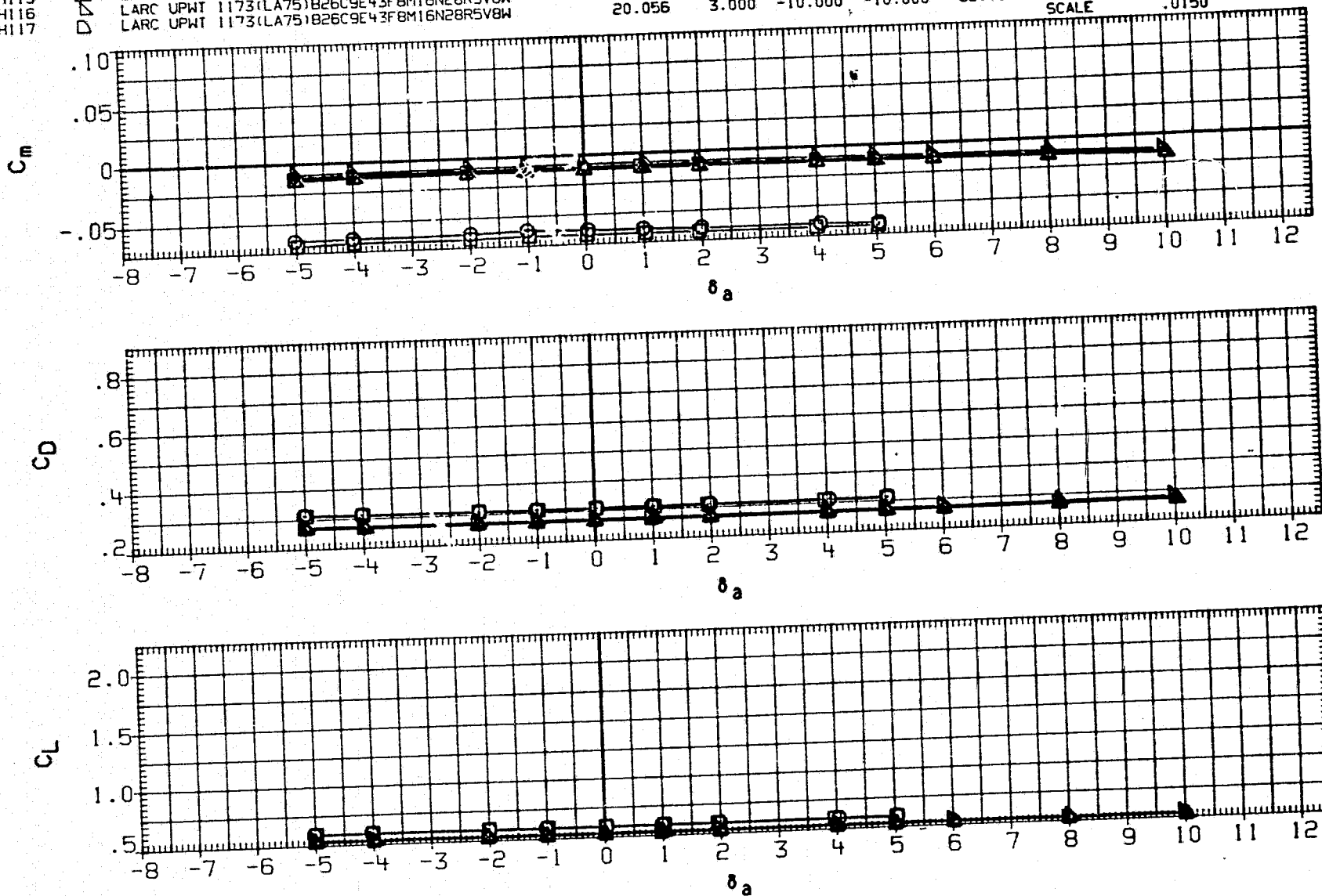


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA = 20 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.15	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	IN. XO
AJH115	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. YO
AJH116	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. ZO
AJH117	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

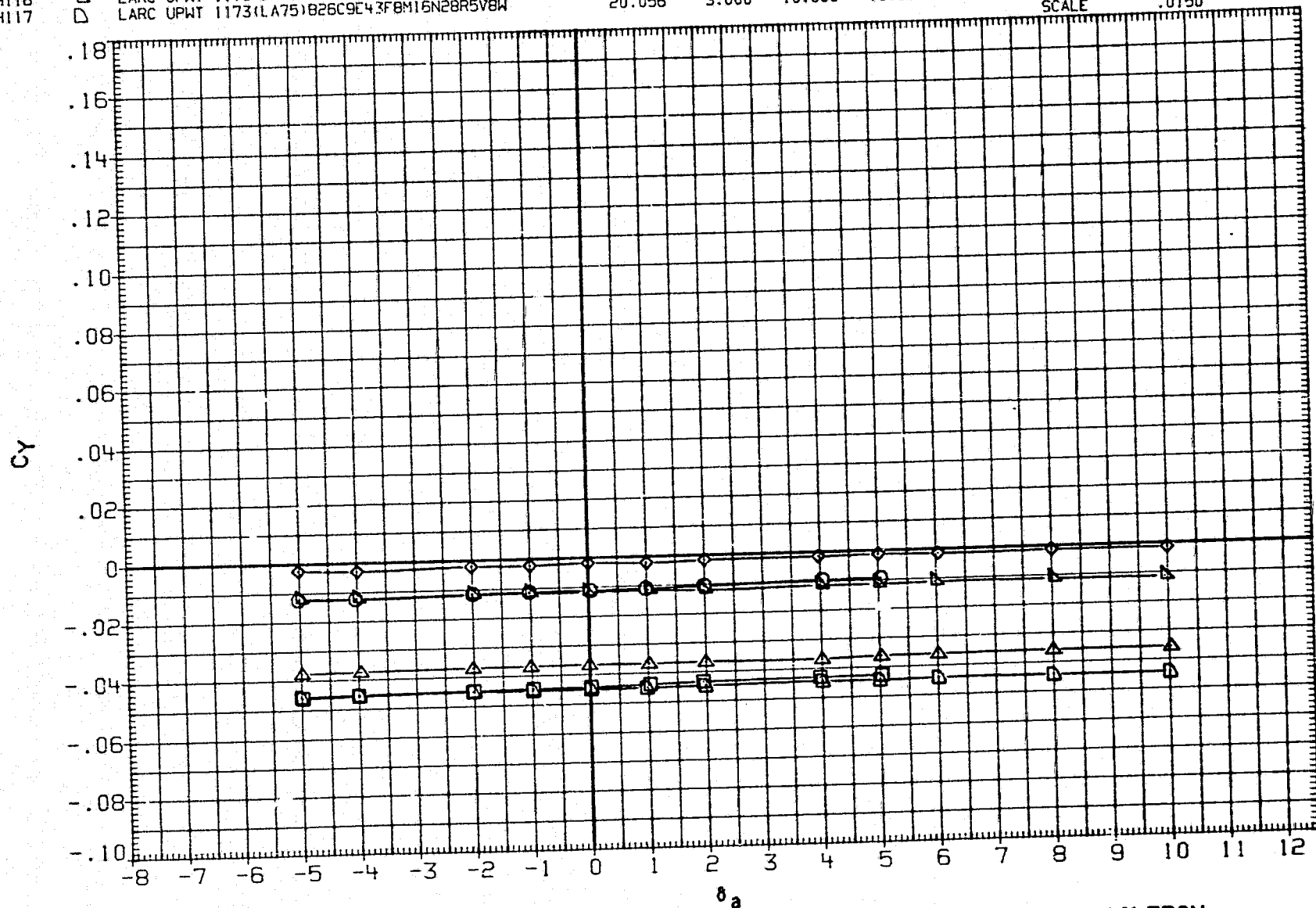


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA = 20 DEG.

(A) MACH = 2.86

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH112	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	◻	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

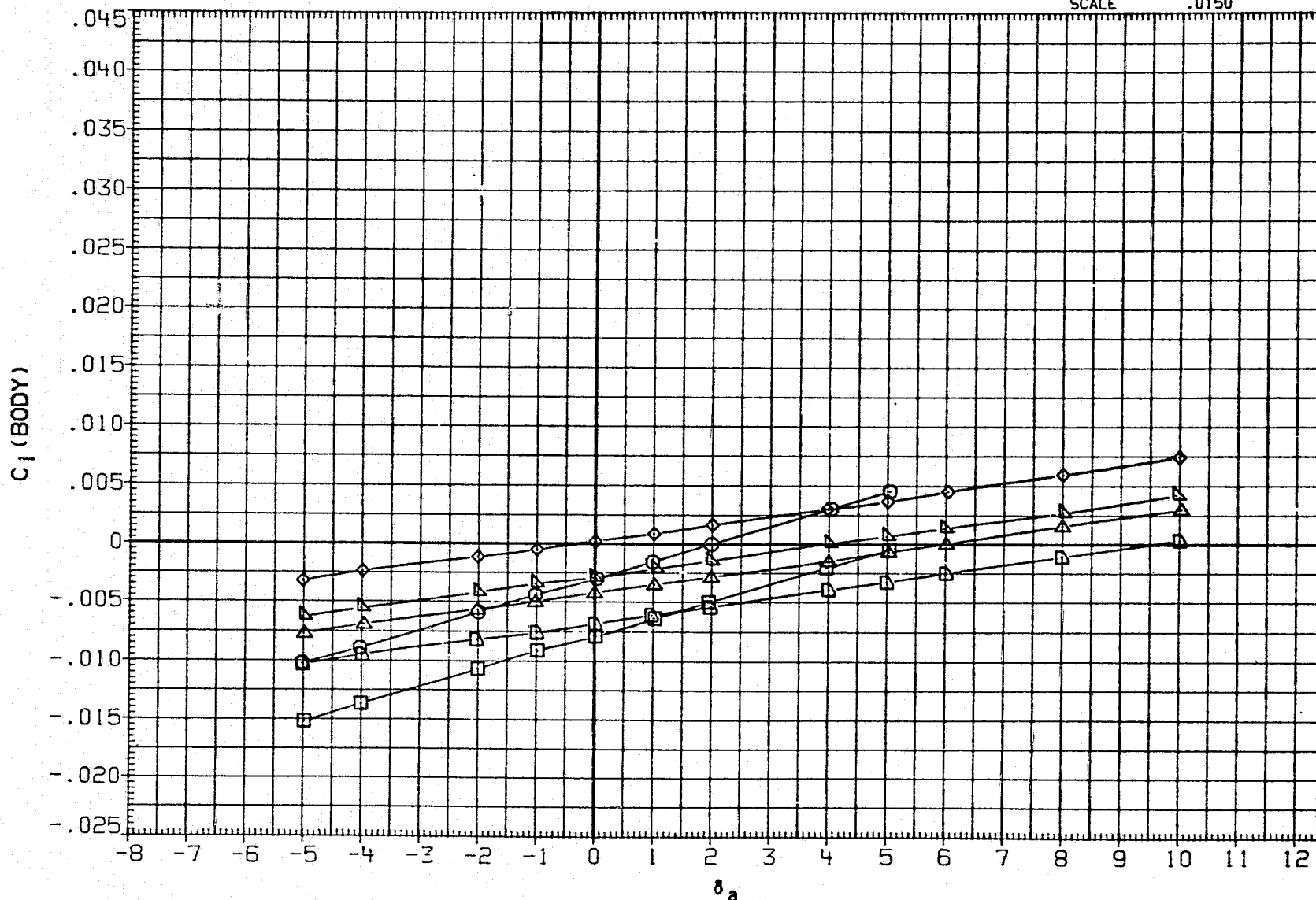


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION
AJH112	LARC UPWT 1173(LA75)B26C9E43F8M16N20R5V8W	20.115	.000	-10.000	10.000	52.700	SREF 2690.0000 FT. SQ.
AJH113	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.078	3.000	-10.000	10.000	52.700	LREF 474.8000 INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF 936.6800 INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP 1076.7000 IN. XO
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP .0000 IN. YO
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP 375.0000 IN. ZO
							SCALE .0150

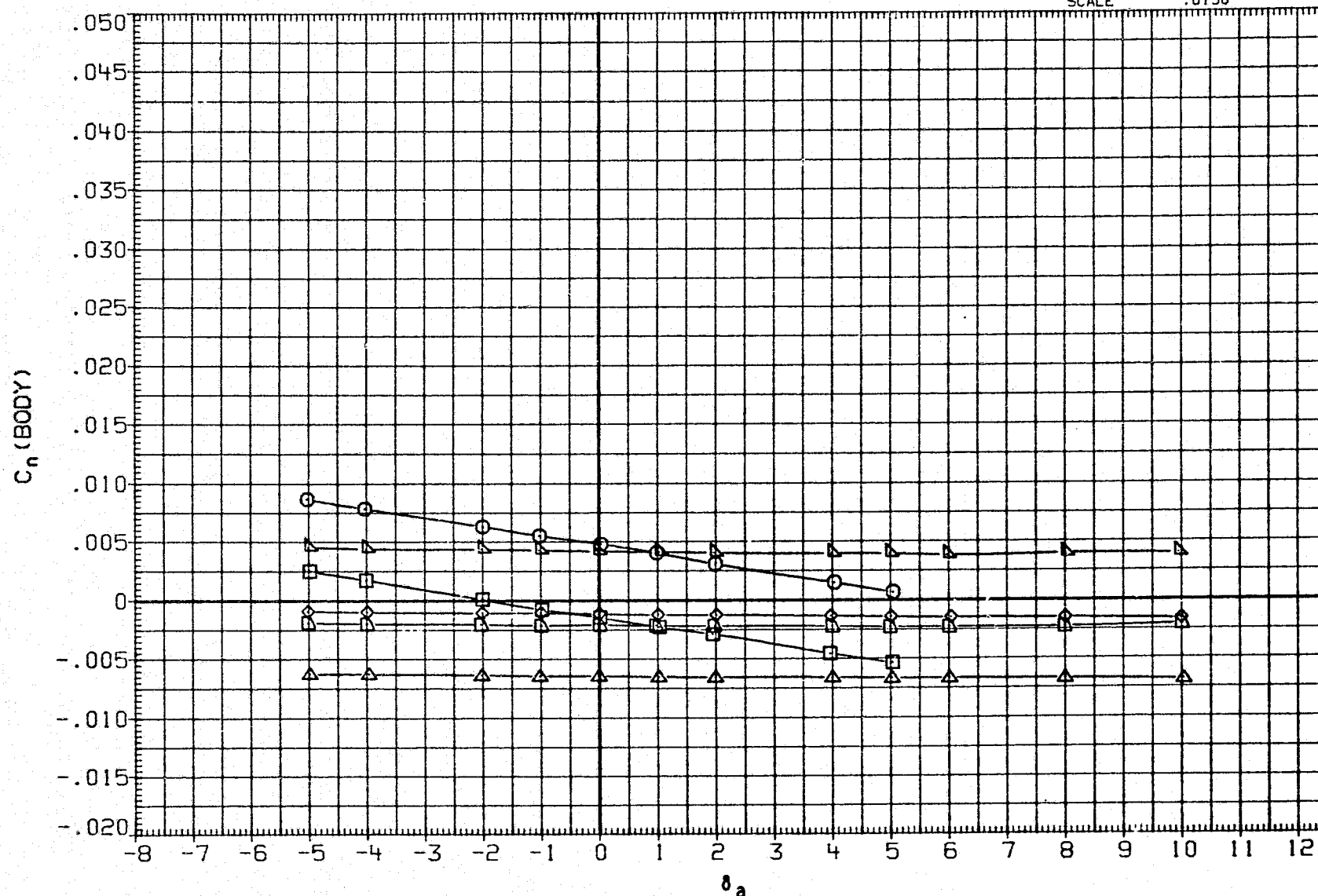


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(A) MACH = 2.86

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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR



DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPOBRK	REFERENCE INFORMATION
AJH112	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.115	.000	-10.000	10.000	52.700	SREF 2690.0000 FT. SQ.
AJH113	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.078	3.000	-10.000	10.000	52.700	LREF 474.8000 INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF 936.6800 INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP 1076.7000 IN. XO
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP .0000 IN. YO
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP 375.0000 IN. ZO

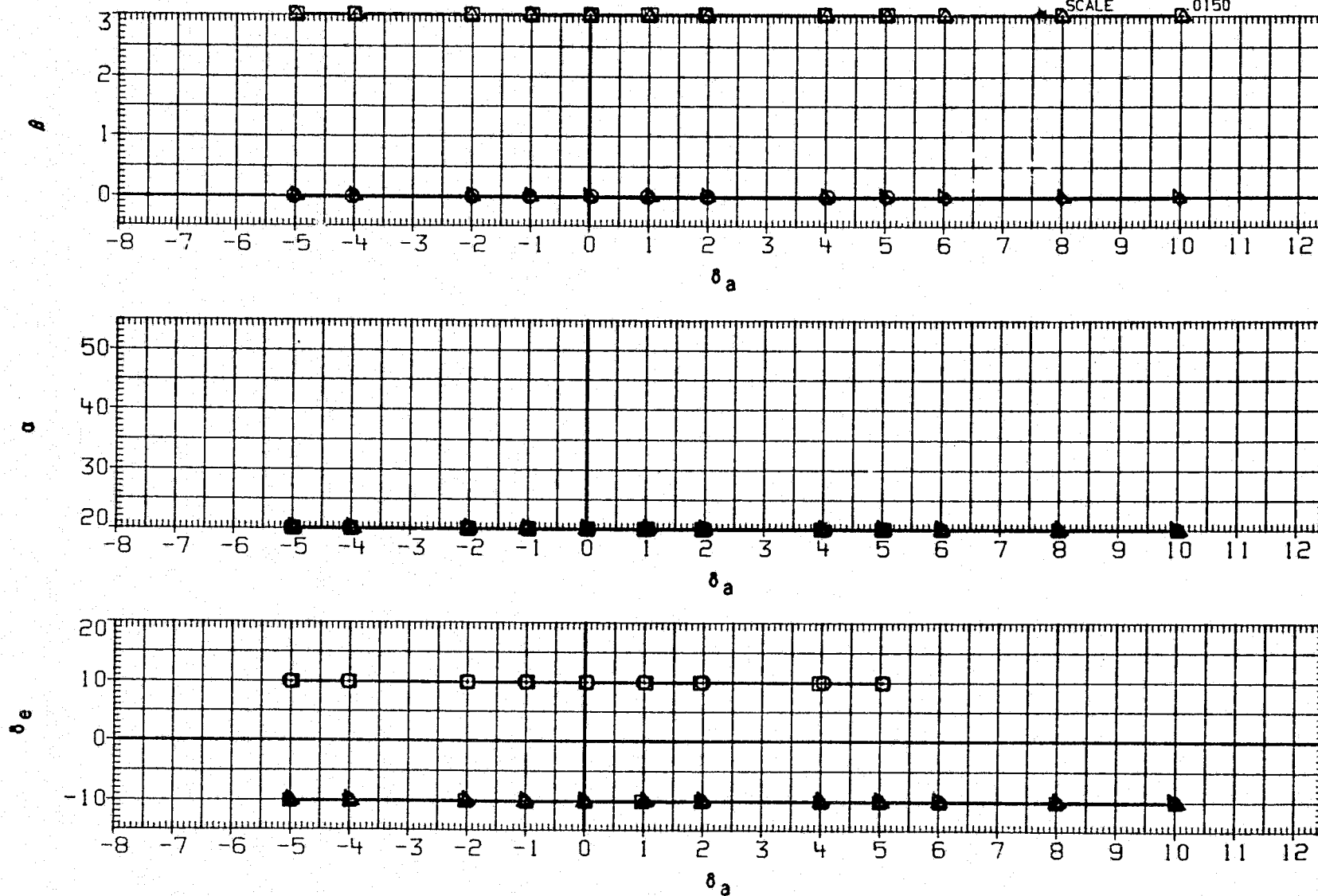


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

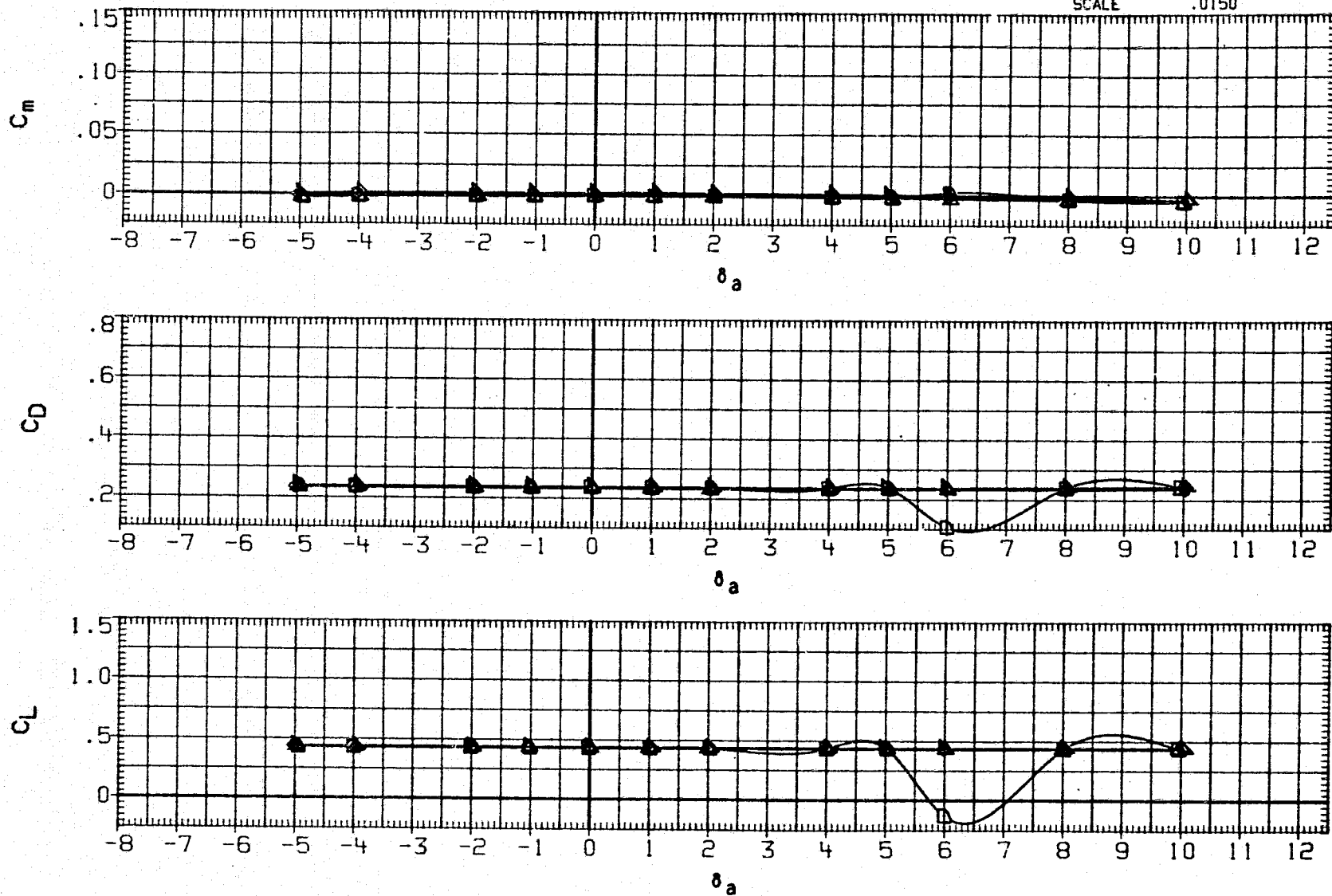


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

ALPHA

BETA

RUDDER

ELEVON

SPDBRK

REFERENCE INFORMATION

AJH112	○	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	□	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	◻	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

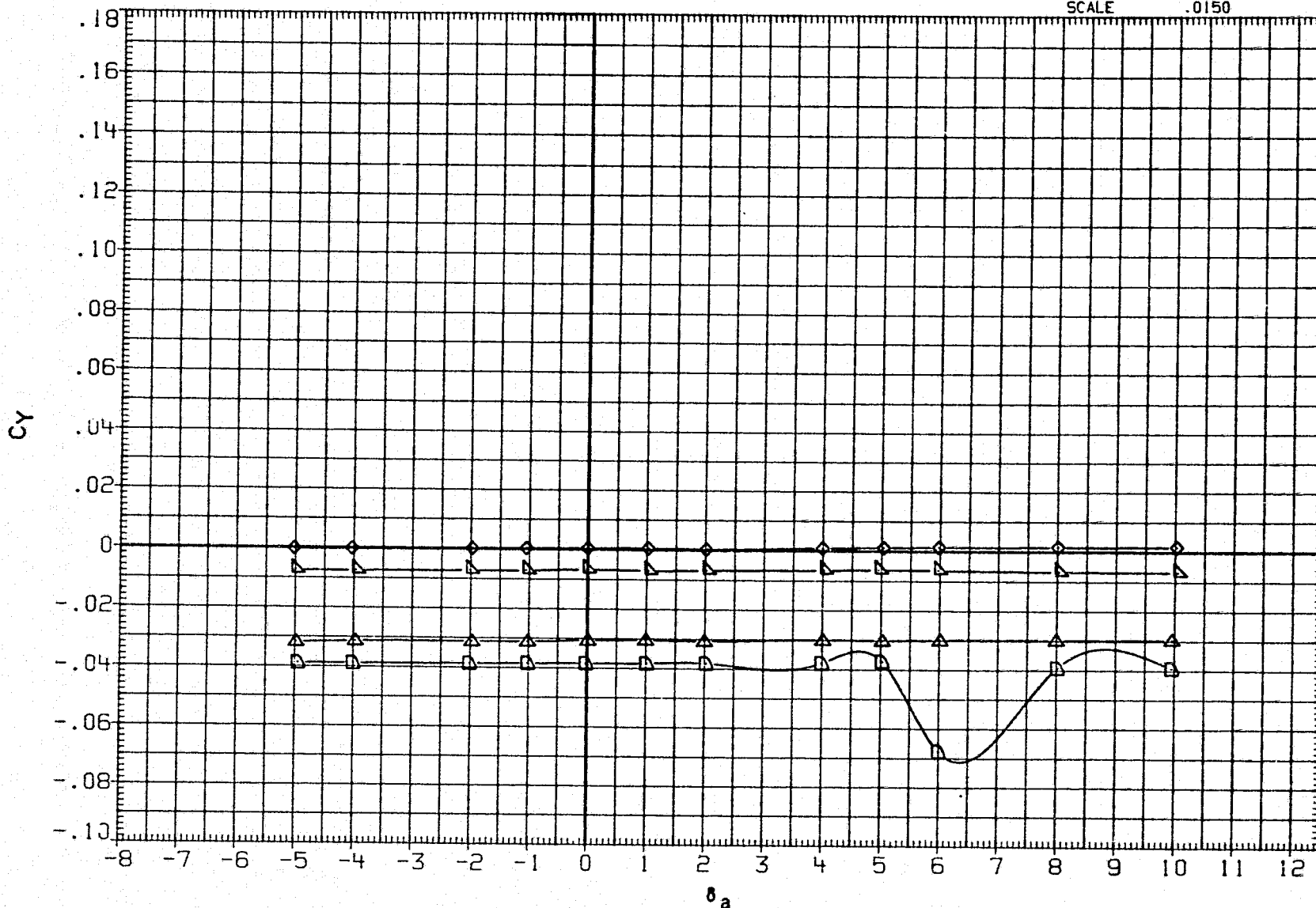


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. 50.
AJH113	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. X0
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. Y0
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. Z0
							SCALE	.0150	

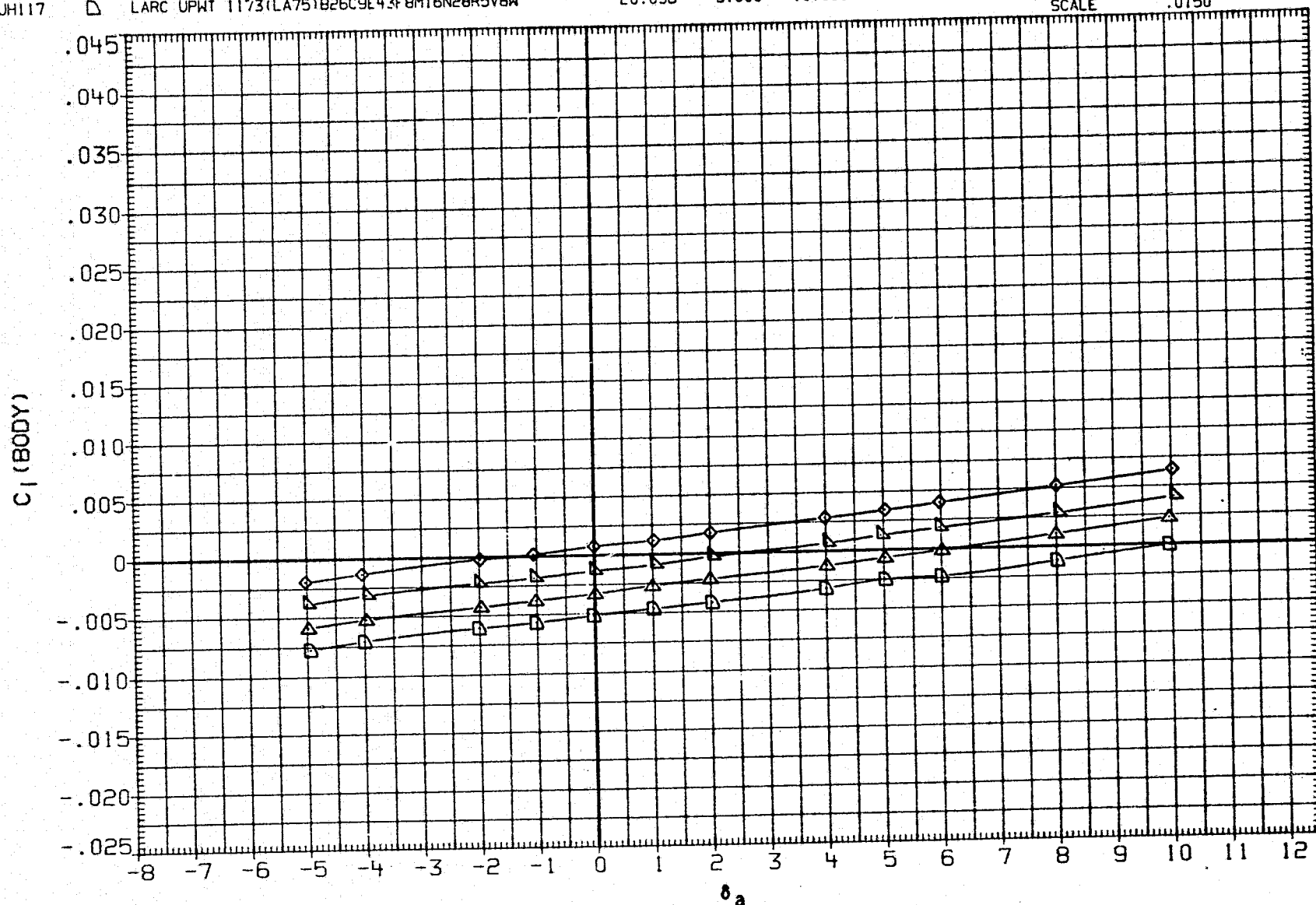


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH112	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. 50.
AJH113	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. X0
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. Y0
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. Z0
							SCALE	.0150	

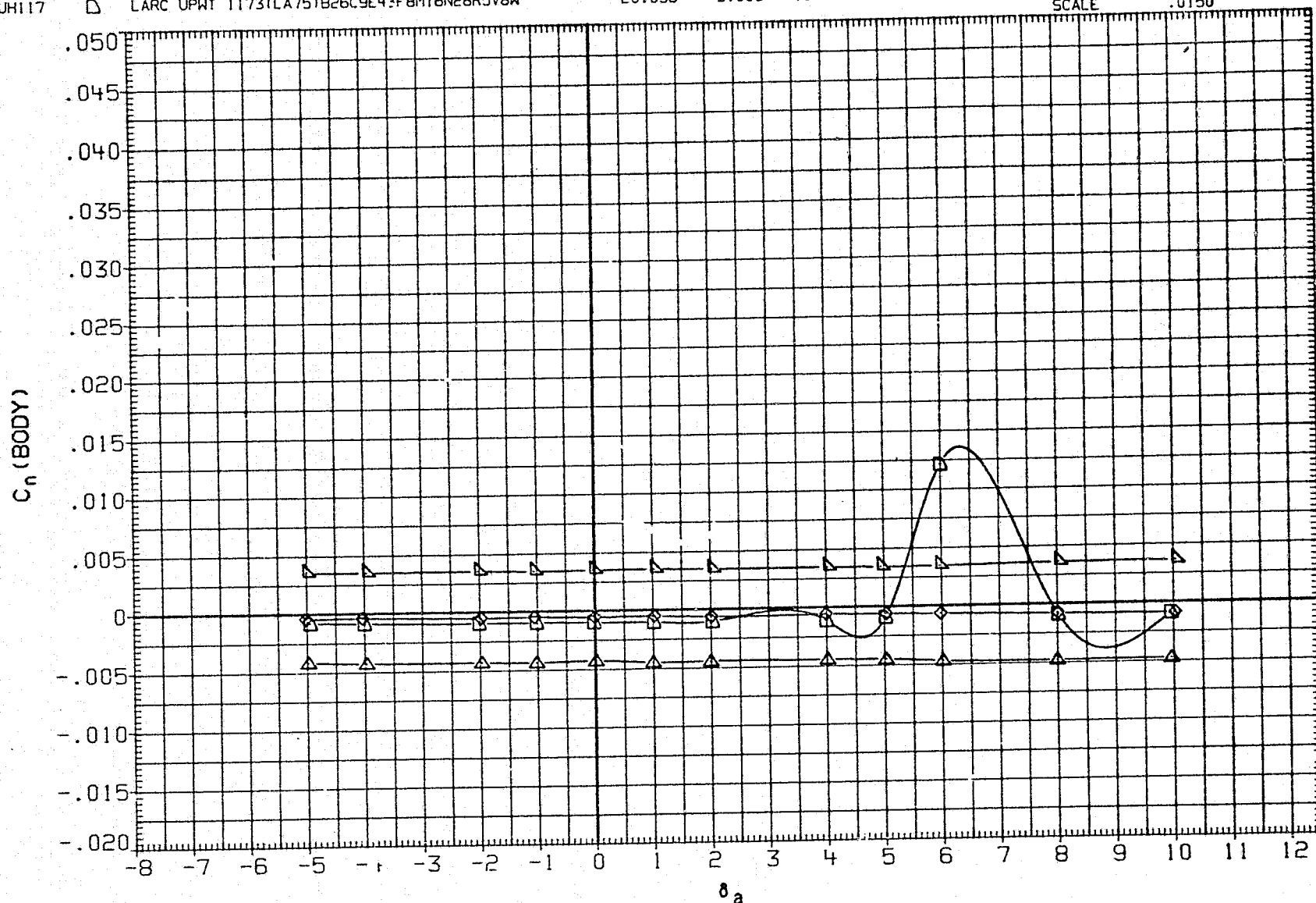


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(B) MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

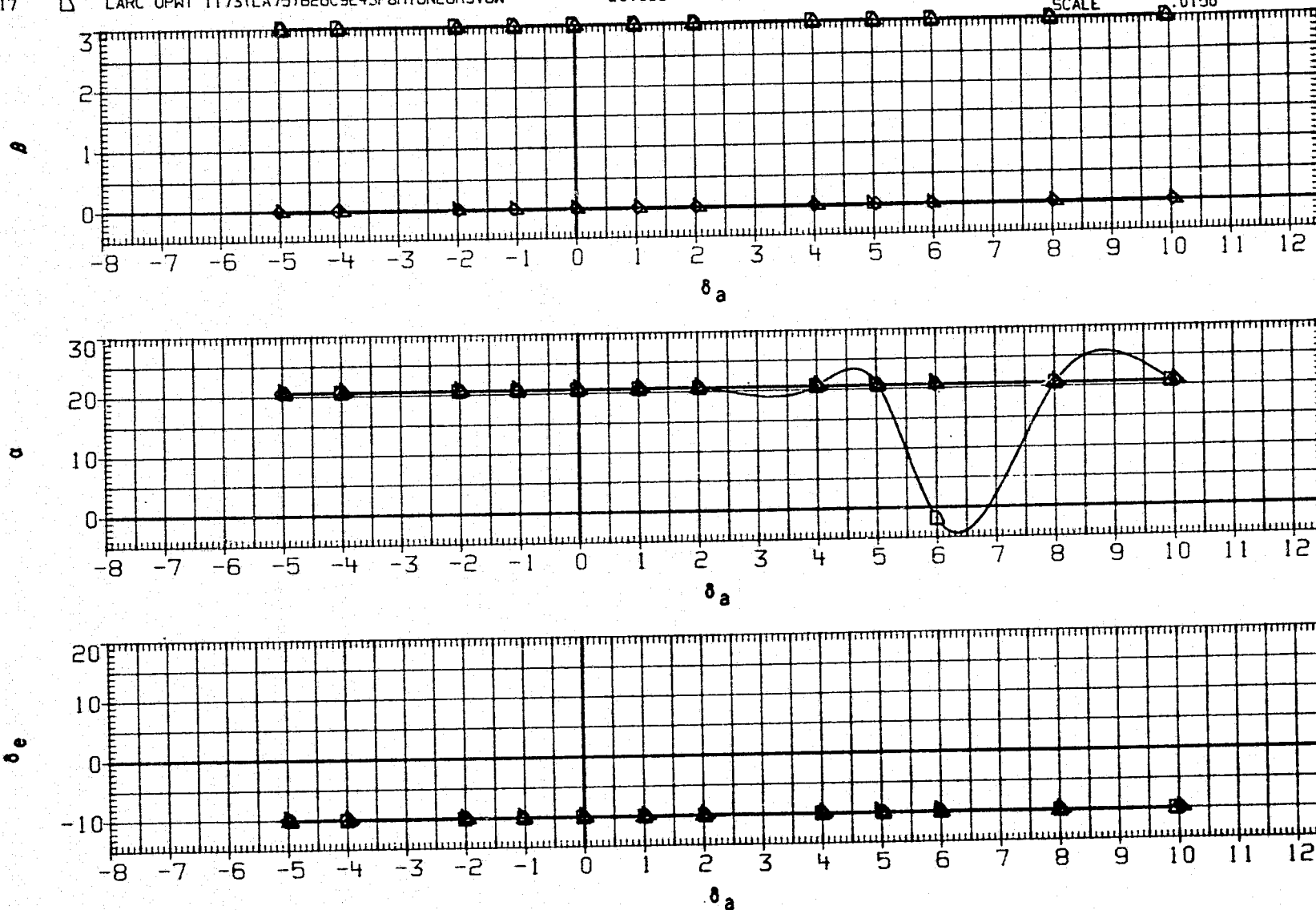


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA = 20 DEG.

(B) MACH = 3.90

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	○ DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	□ DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	▽ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	◻ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

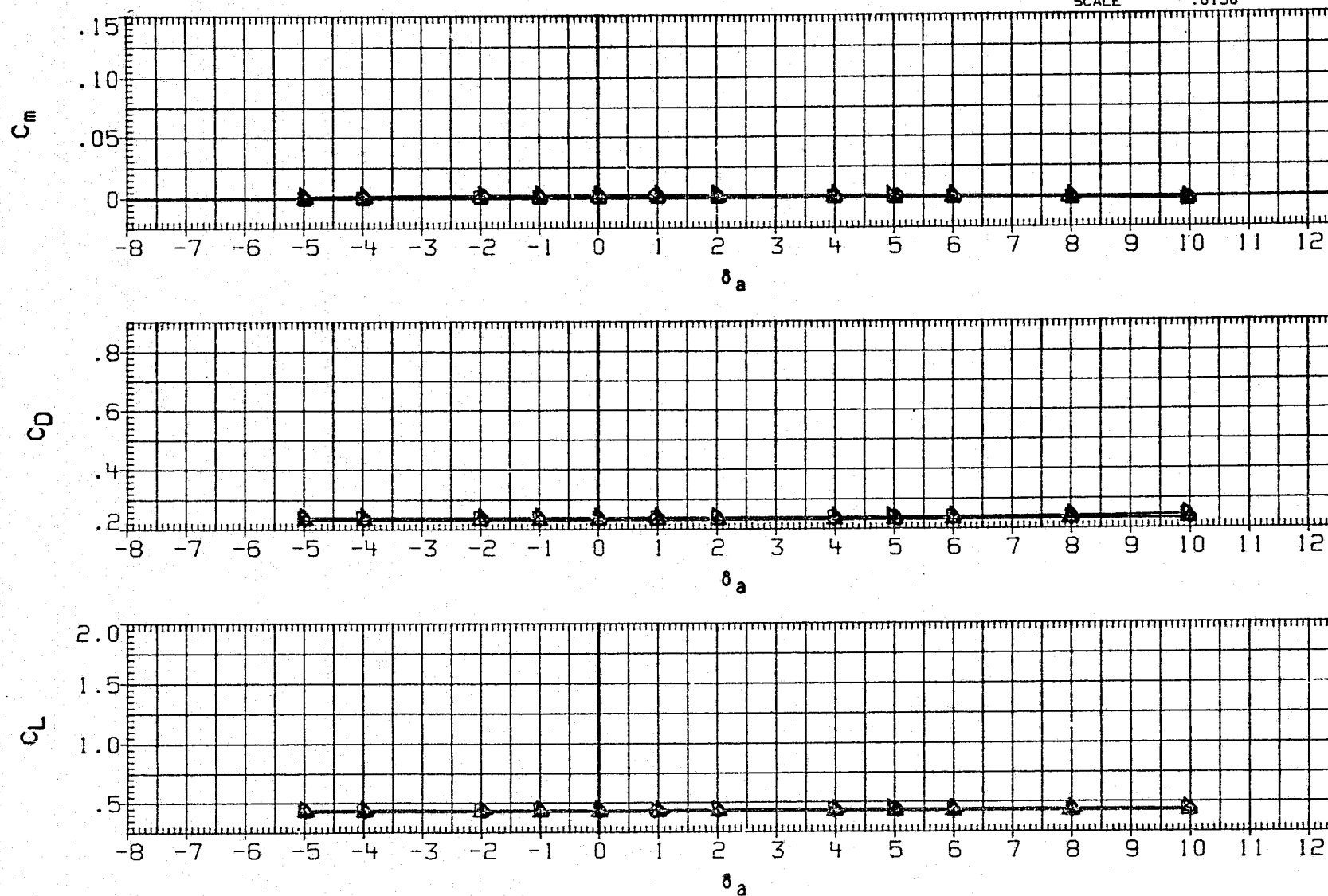


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	○ DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	◇ DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	▽ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

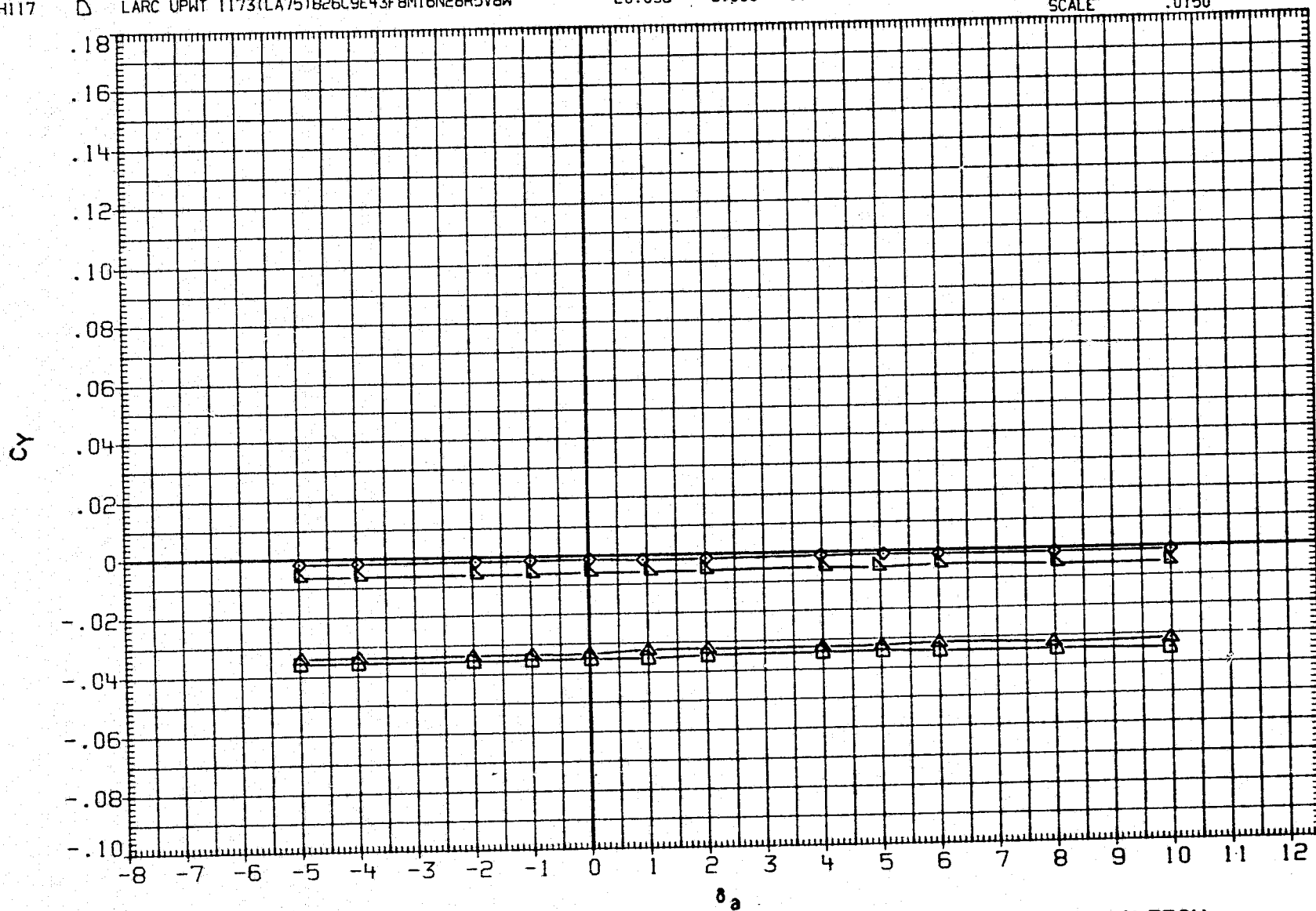


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(C)MACH = 4.60



REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH112	○	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. 50.
AJH113	□	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. X0
AJH116	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. Y0
AJH117	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. Z0
								SCALE	.0150	

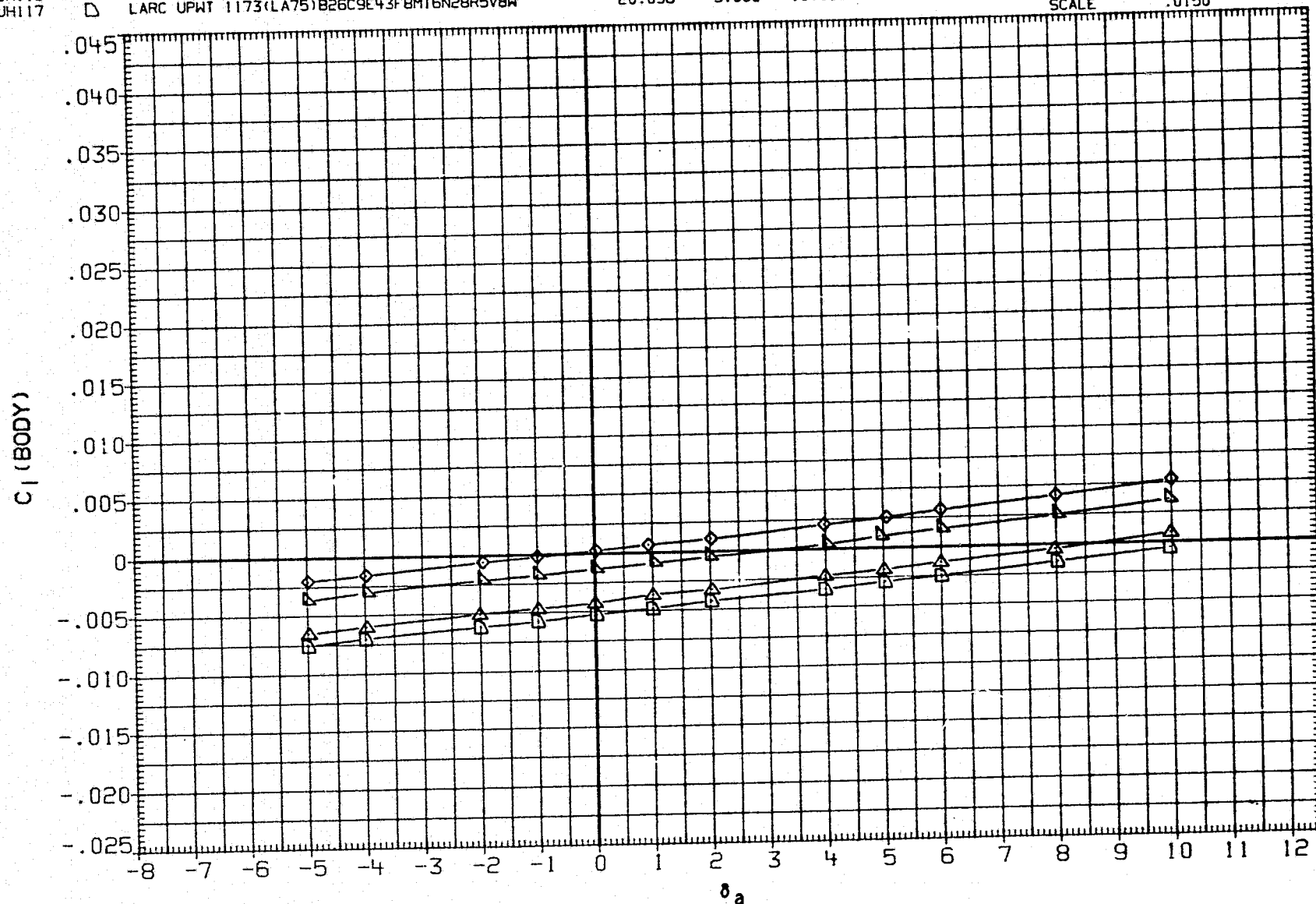


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA = 20 DEG.

DATA SET	SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPDBRK	REFERENCE INFORMATION		
AJH112	○	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	□	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	▷	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
								SCALE	.0150	

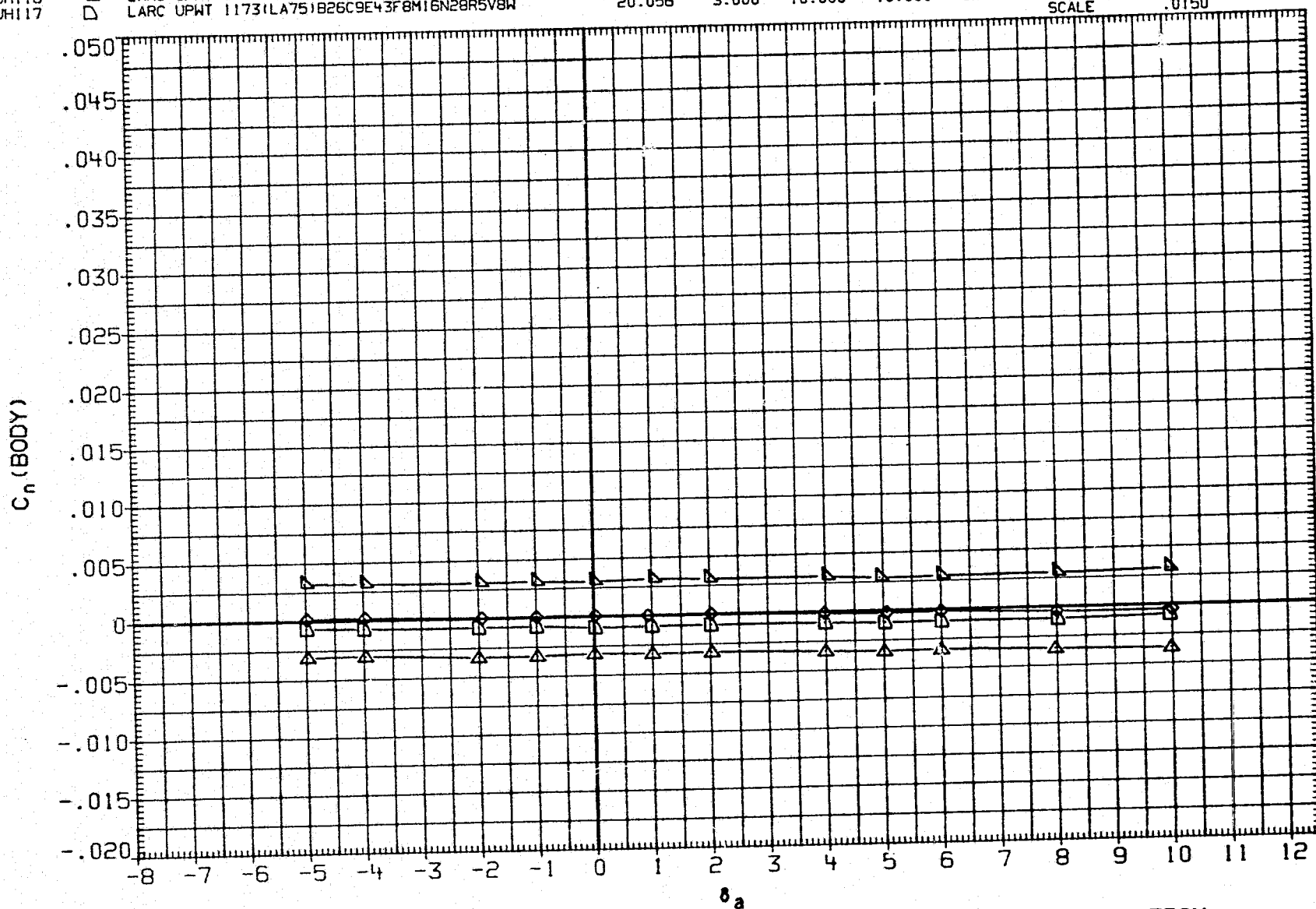


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

(C) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ALPHA	BETA	RUDDER	ELEVON	SPOBRK	REFERENCE INFORMATION		
AJH112	DATA NOT AVAILABLE	20.115	.000	-10.000	10.000	52.700	SREF	2690.0000	FT. SQ.
AJH113	DATA NOT AVAILABLE	20.078	3.000	-10.000	10.000	52.700	LREF	474.8000	INCHES
AJH114	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.036	.000	.000	-10.000	52.700	BREF	936.6800	INCHES
AJH115	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.046	3.000	.000	-10.000	52.700	XMRP	1076.7000	IN. XO
AJH116	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.069	.000	-10.000	-10.000	52.700	YMRP	.0000	IN. YO
AJH117	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	20.056	3.000	-10.000	-10.000	52.700	ZMRP	375.0000	IN. ZO
							SCALE	.0150	

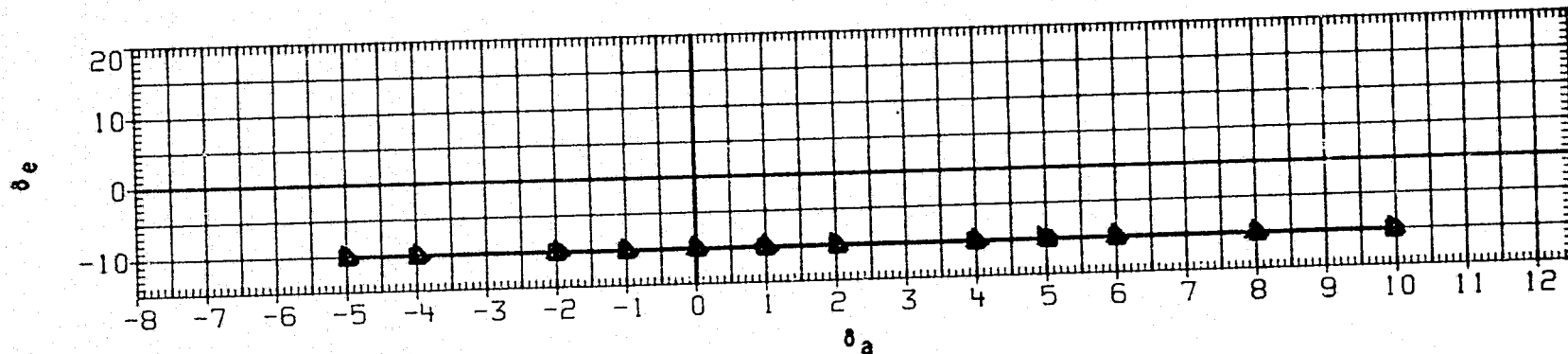
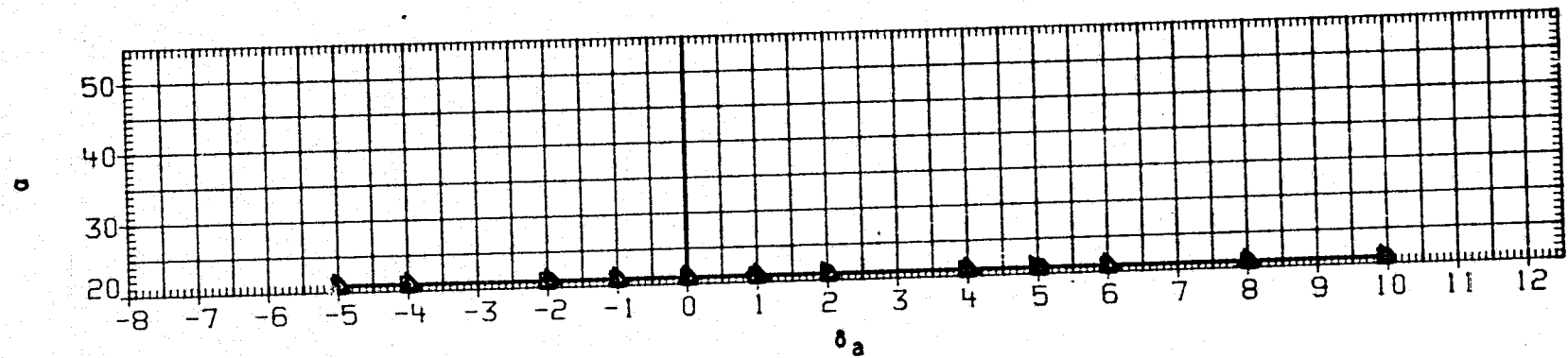
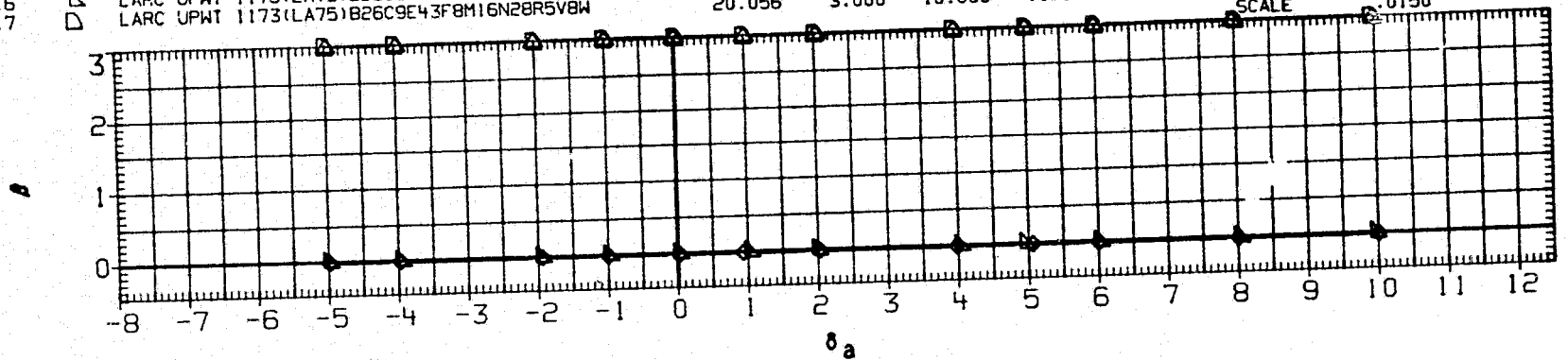


FIGURE 21. EFFECT OF ELEVON AND RUDDER DEFLECTIONS AND SIDESLIP ON AILERON LINEARITY, SPEED BRAKE AT 52.7 DEG., ALPHA= 20 DEG.

DATA SET SYMBOL

CONFIGURATION

BDFLAP

SPDBRK

REFERENCE INFORMATION

RJH053  $\square$  LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH050  $\square$  LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH045  $\diamond$  LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

-11.700 52.700  
 16.300 52.700  
 22.500 52.700

SREF 2690.0000 SQ. FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. XO  
 YMRP .0000 IN. YO  
 ZMRP 375.0000 IN. ZO  
 SCALE .0150

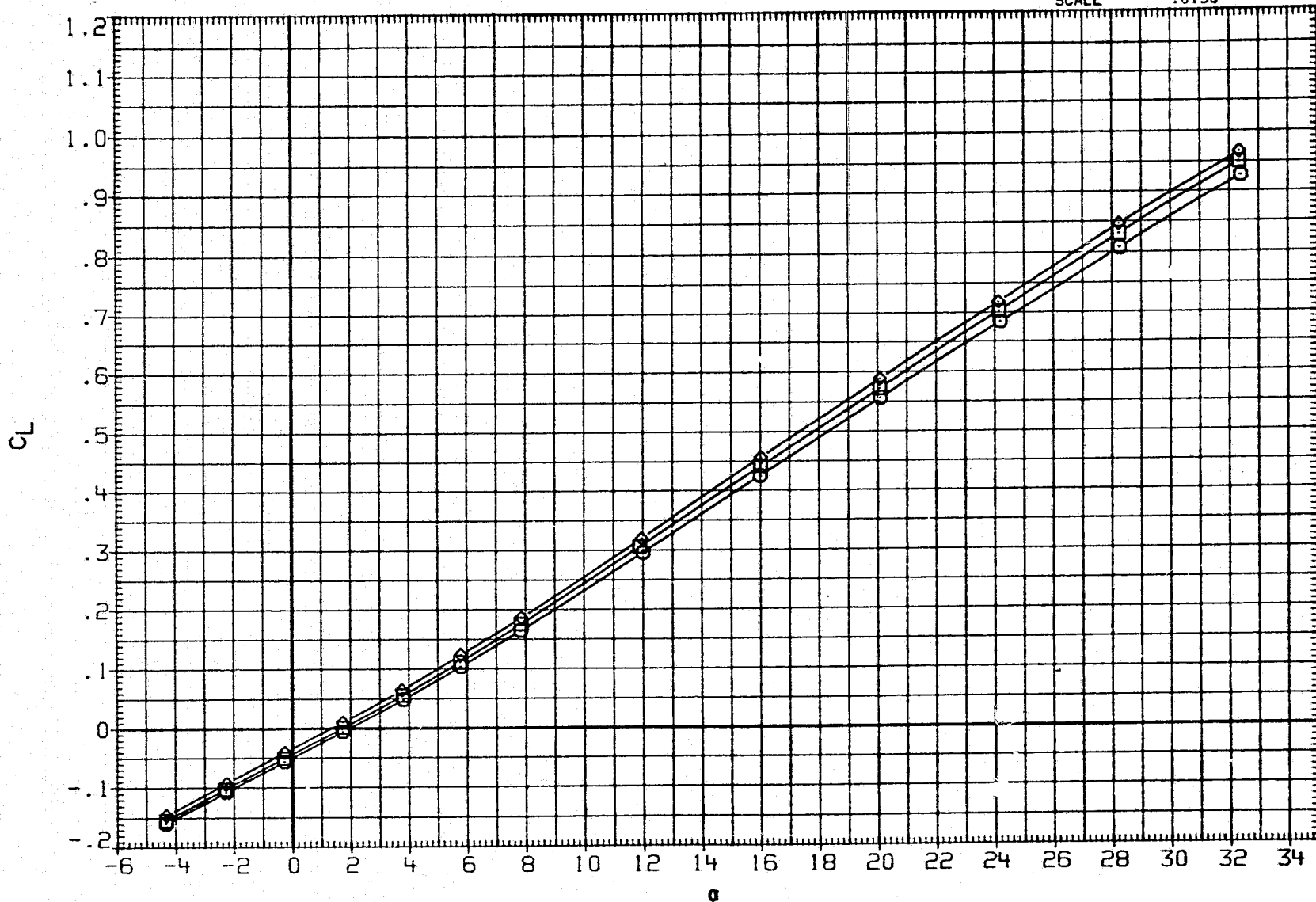


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	BOFLAP	SPDBRK
RJH053	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

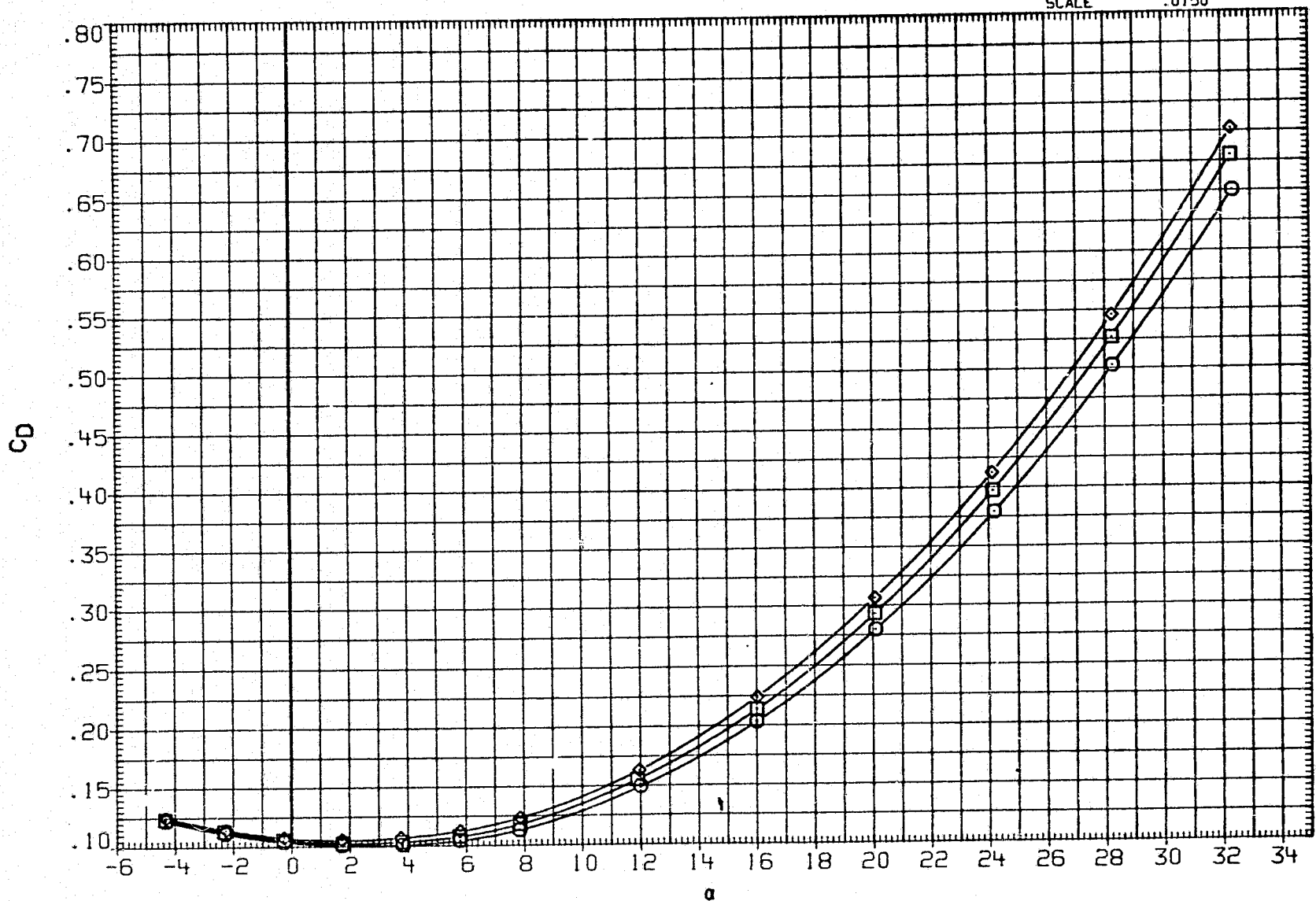


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION
RJH053	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH050	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BDFLAP	SPDBRK
-11.700	52.700
16.300	52.700
22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

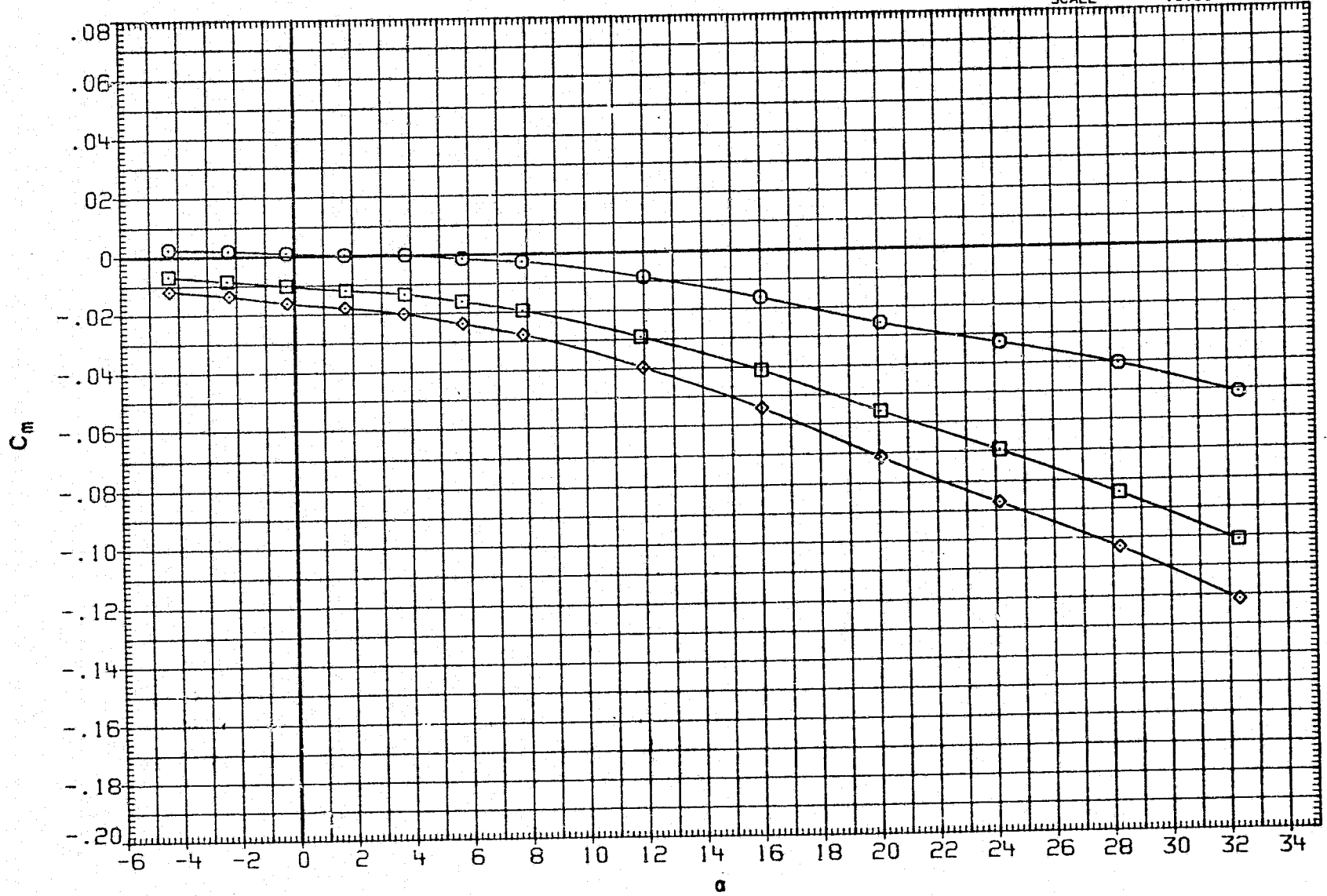


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET SYMBOL

RJH053  
RJH050  
RJH045

○  
□  
◇

CONFIGURATION  
LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

BDFLAP SPDBRK  
11.700 52.700  
16.300 52.700  
22.500 52.700

REFERENCE INFORMATION

SREF 2690.0000 SQ.FY.  
LREF 474.8000 INCHES  
BREF 936.6800 INCHES  
XMRP 1076.7000 IN. XO  
YMRP .0000 IN. YO  
ZMRP 375.0000 IN. ZO  
SCALE .0150

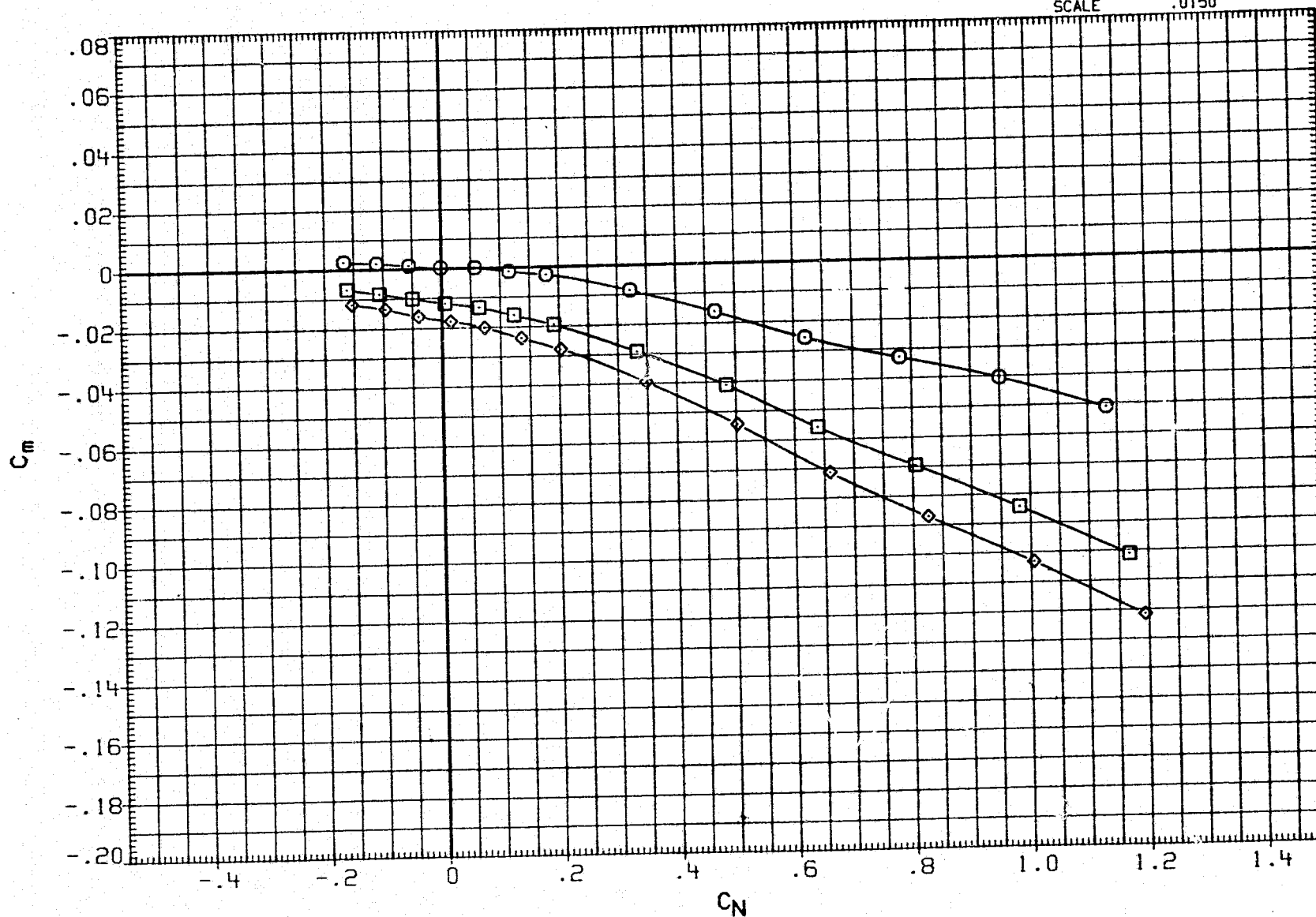


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.85

## DATA SET SYMBOL

## CONFIGURATION

BDFLAP SPDBRK

## REFERENCE INFORMATION

RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

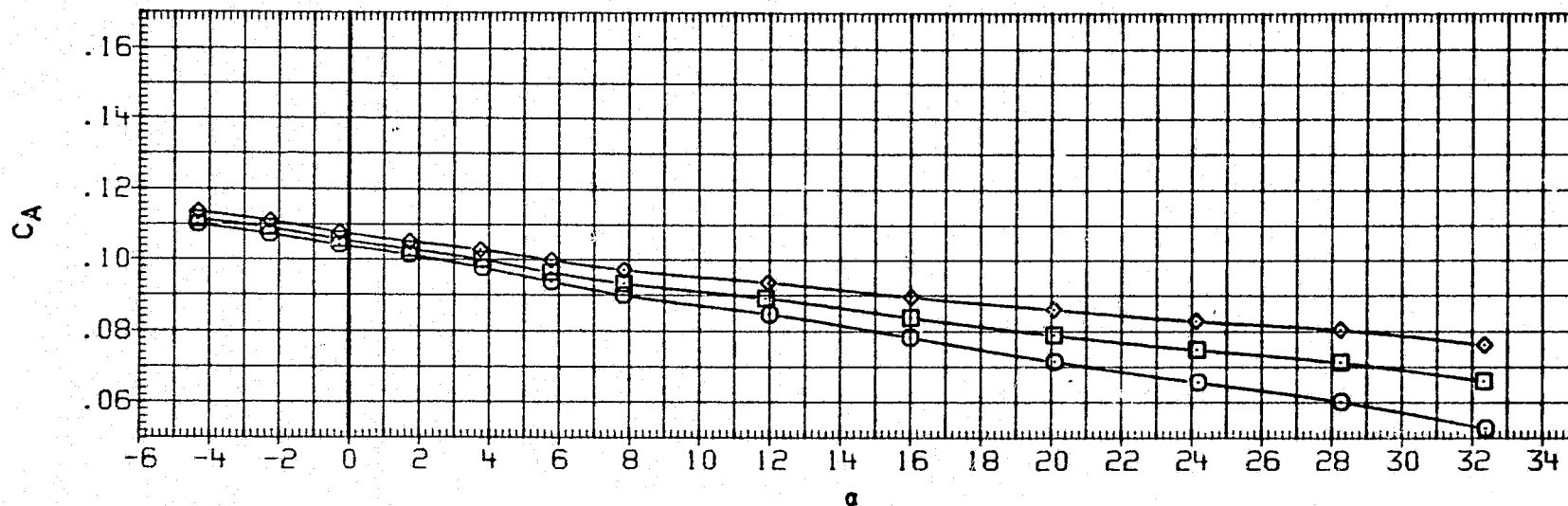
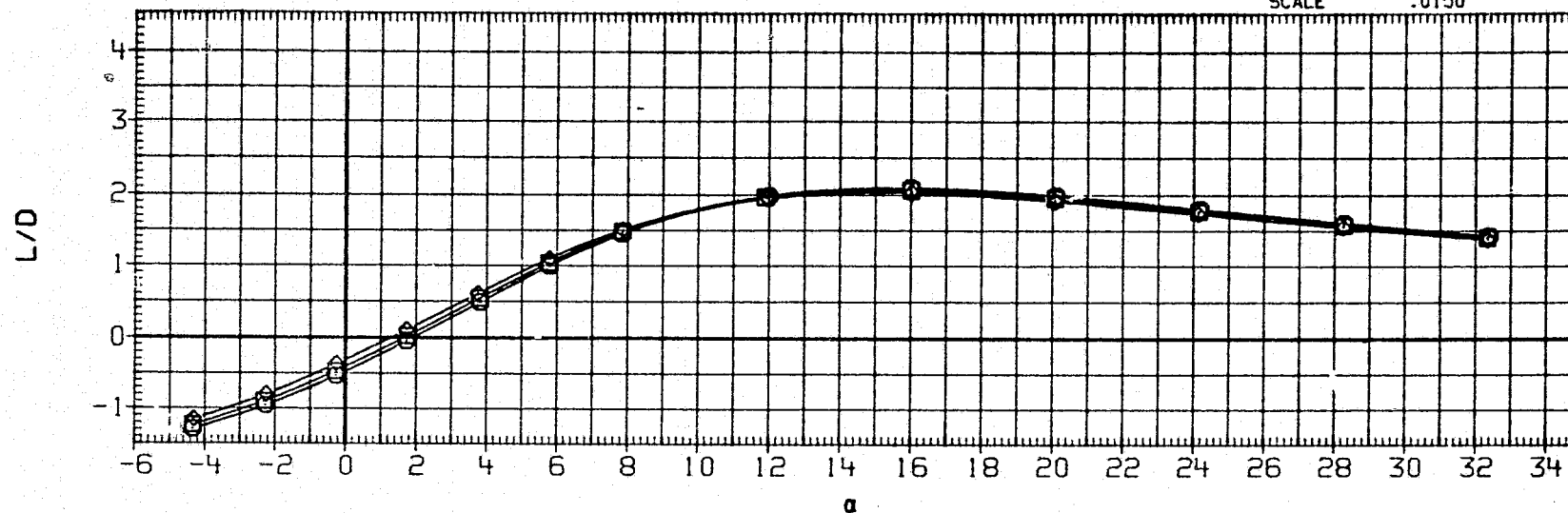


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

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DATA SET SYMBOL	CONFIGURATION	BDFLAP	SPOBRK
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

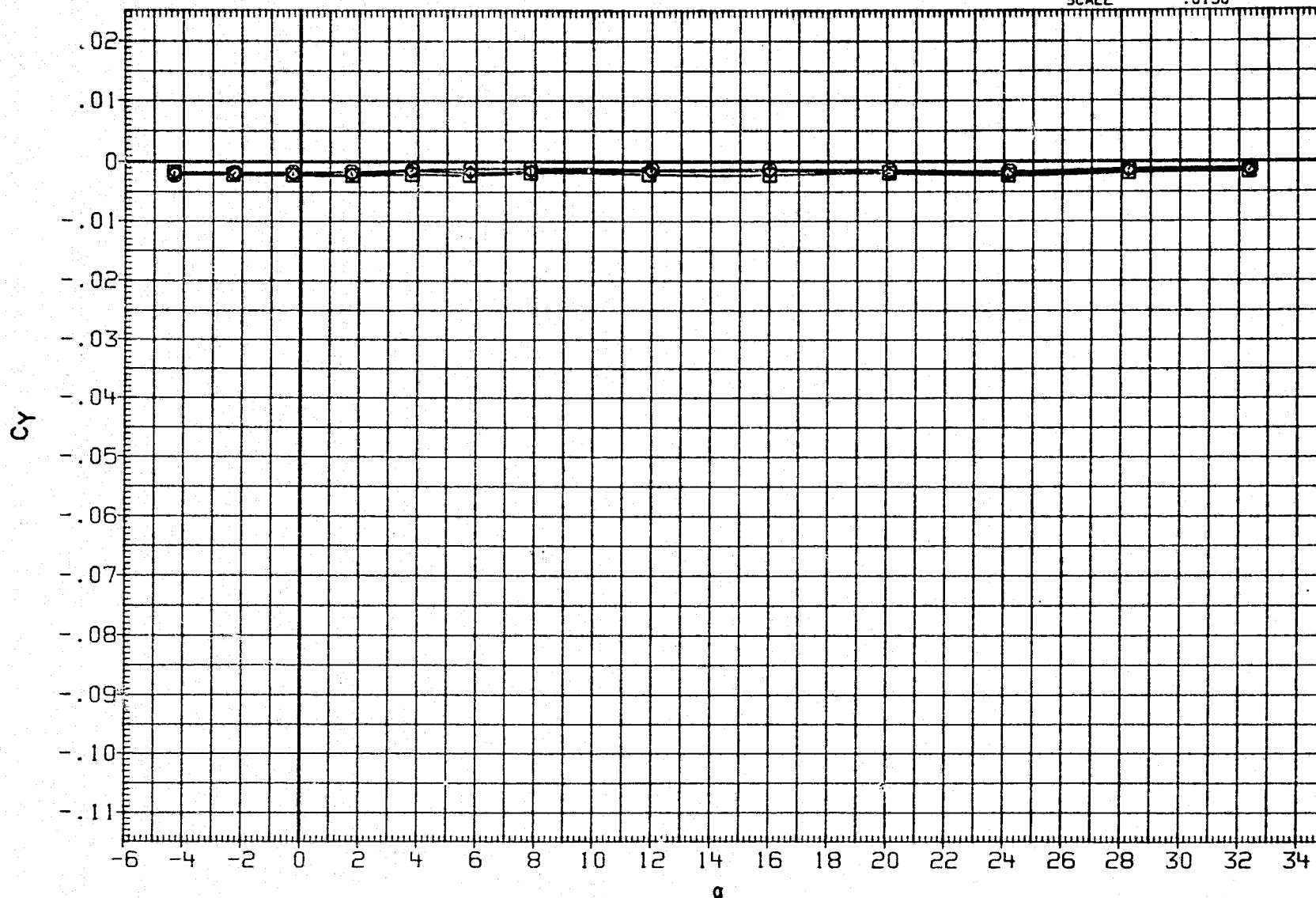


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

BDFLAP

SPDBRK

REFERENCE INFORMATION

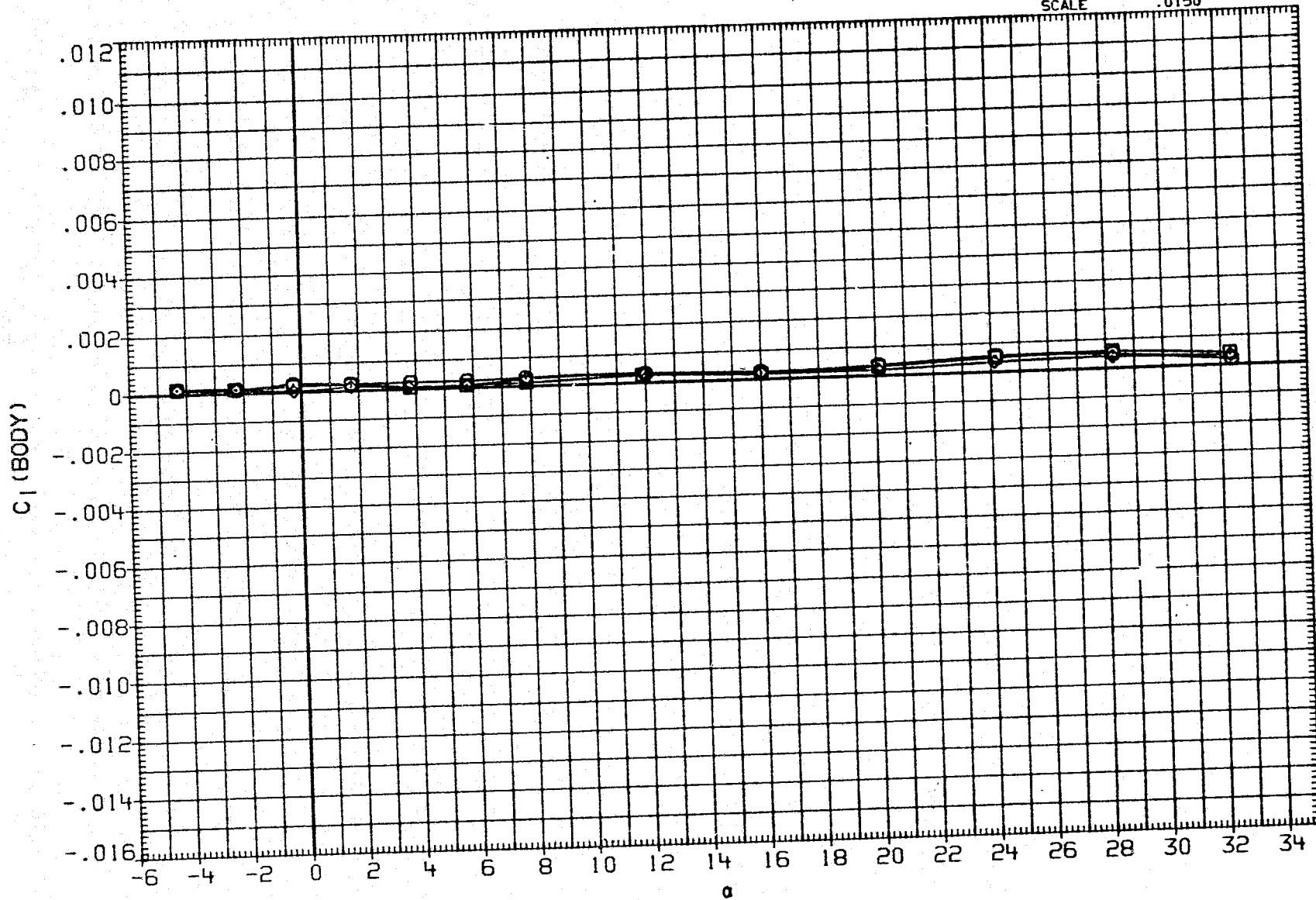
RJH053  
RJH050  
RJH045○  
□  
◇LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W-11.700  
16.300  
22.50052.700  
52.700  
52.700SREF 2690.0000 SQ.FT.  
LREF 474.8000 INCHES  
BREF 936.6800 INCHES  
XMRP 1076.7000 IN. XO  
YMRP .0000 IN. YO  
ZMRP 375.0000 IN. ZO  
SCALE .0150

FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

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DATA SET	SYMBOL	CONFIGURATION
RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BDFLAP	SPDBRK
-11.700	52.700
16.300	52.700
22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

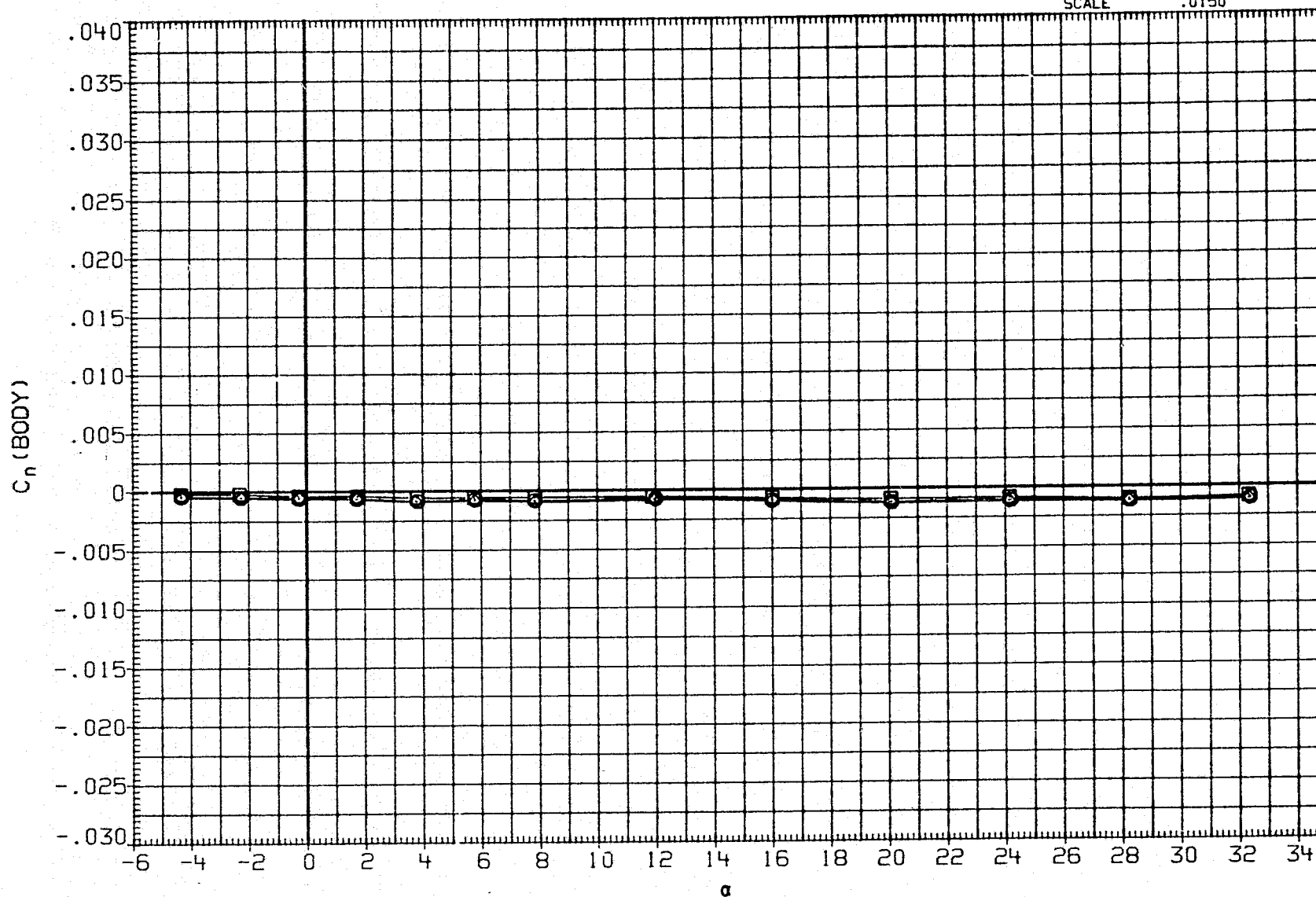


FIGURE 22. BODY FLAP EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

BDFLAP

SPDBRK

REFERENCE INFORMATION

RJH053	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	-11.700	52.700
RJH050	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	16.300	52.700
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

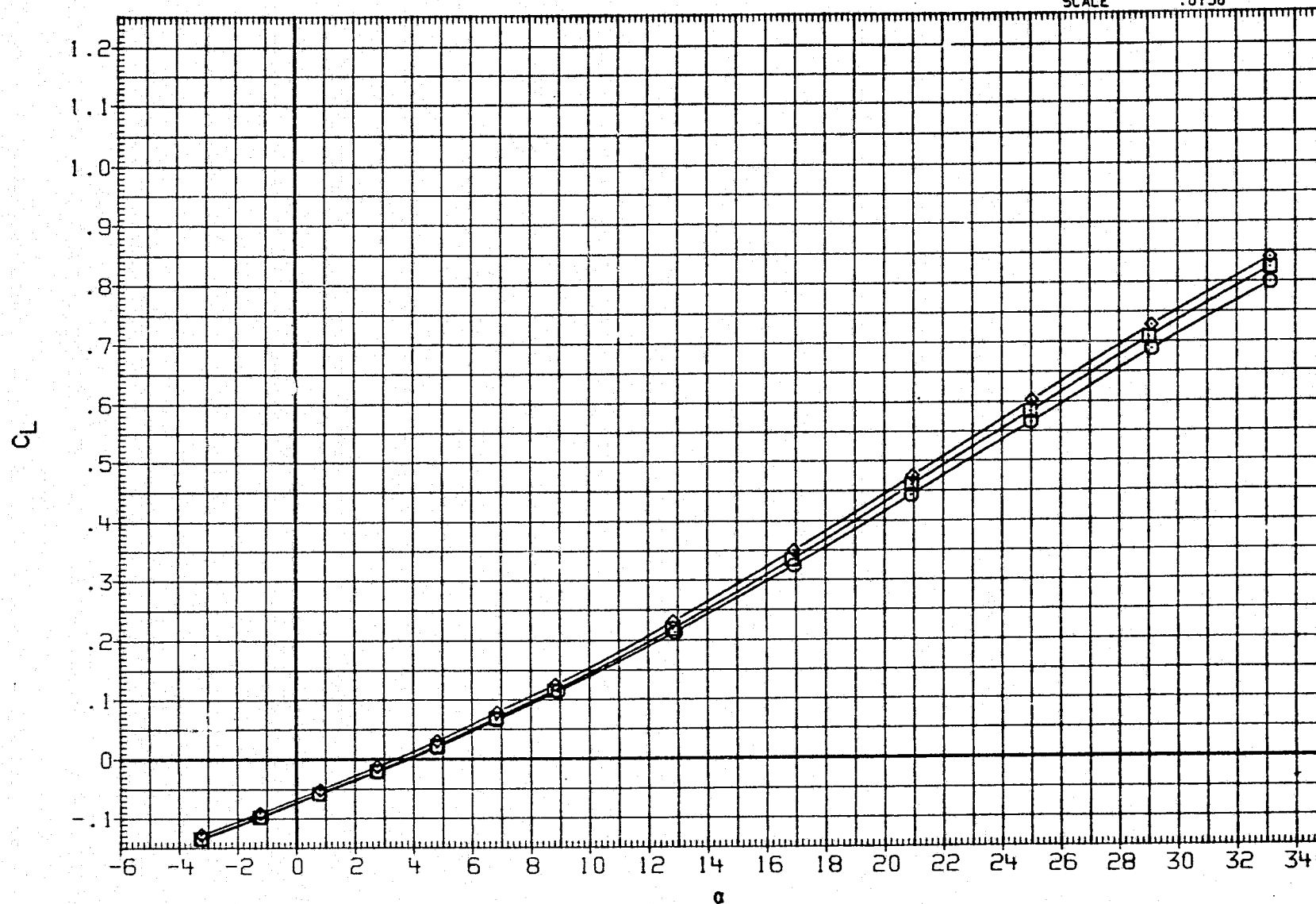


FIGURE 22. BODY FLAP EFFECTIVENESS

(B) MACH = 4.60

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## DATA SET SYMBOL

## CONFIGURATION

## BDFLAP

## SPOBRK

## REFERENCE INFORMATION

RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

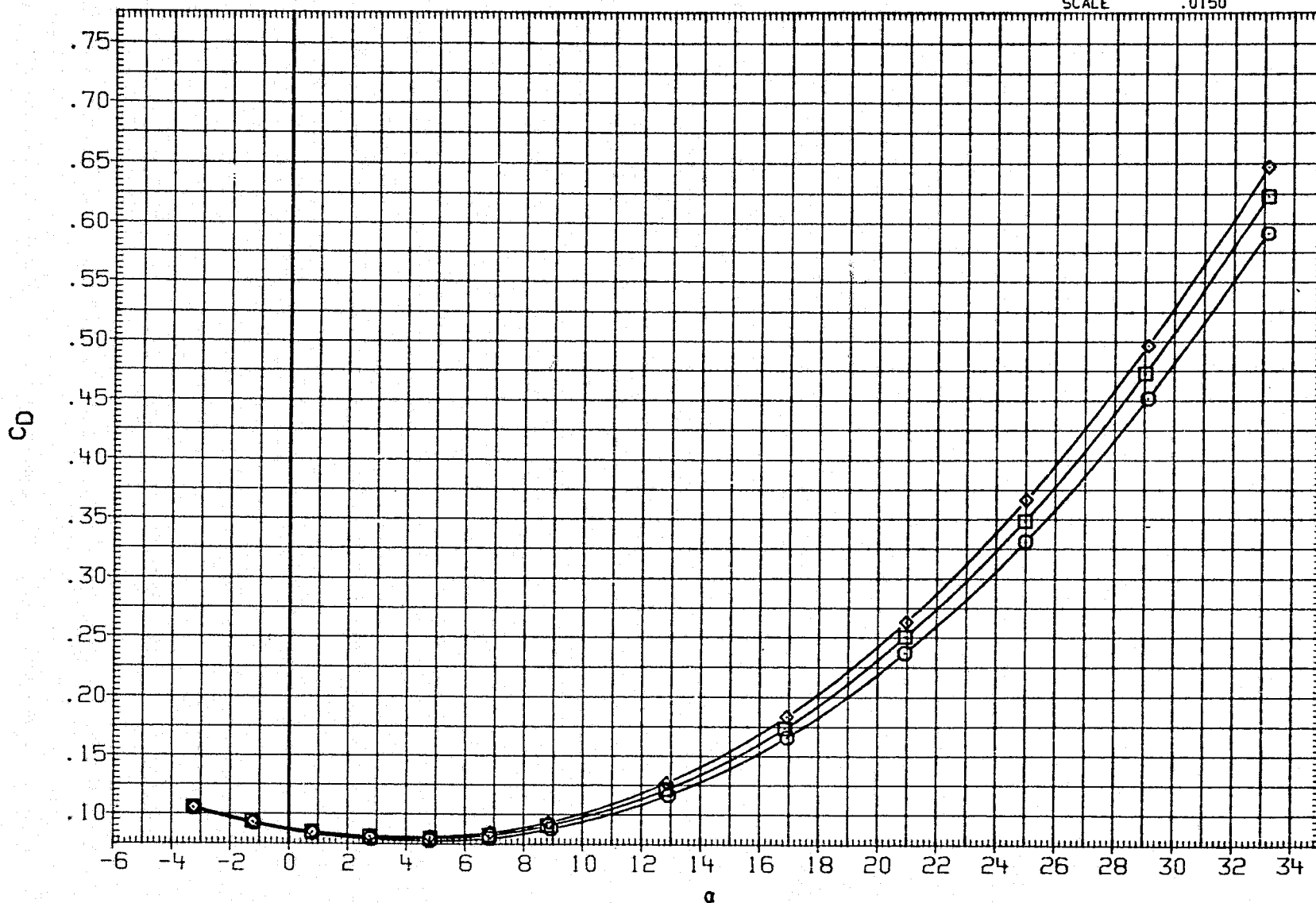


FIGURE 22. BODY FLAP EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

RJH053  
RJH050  
RJH045

○  
□  
◇

CONFIGURATION

LA\* T 1173(LA75)B26C9E43F8M16N28R5V8W  
LAH F 1173(LA75)B26C9E43F8M16N28R5V8W  
LARL JPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BDFLAP SPDBRK  
-11.700 52.700  
16.300 52.700  
22.500 52.700

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 474.8000 INCHES  
BREF 936.6800 INCHES  
XMRP 1076.7000 IN. XO  
YMRP .0000 IN. YO  
ZMRP 375.0000 IN. ZO  
SCALE .0150

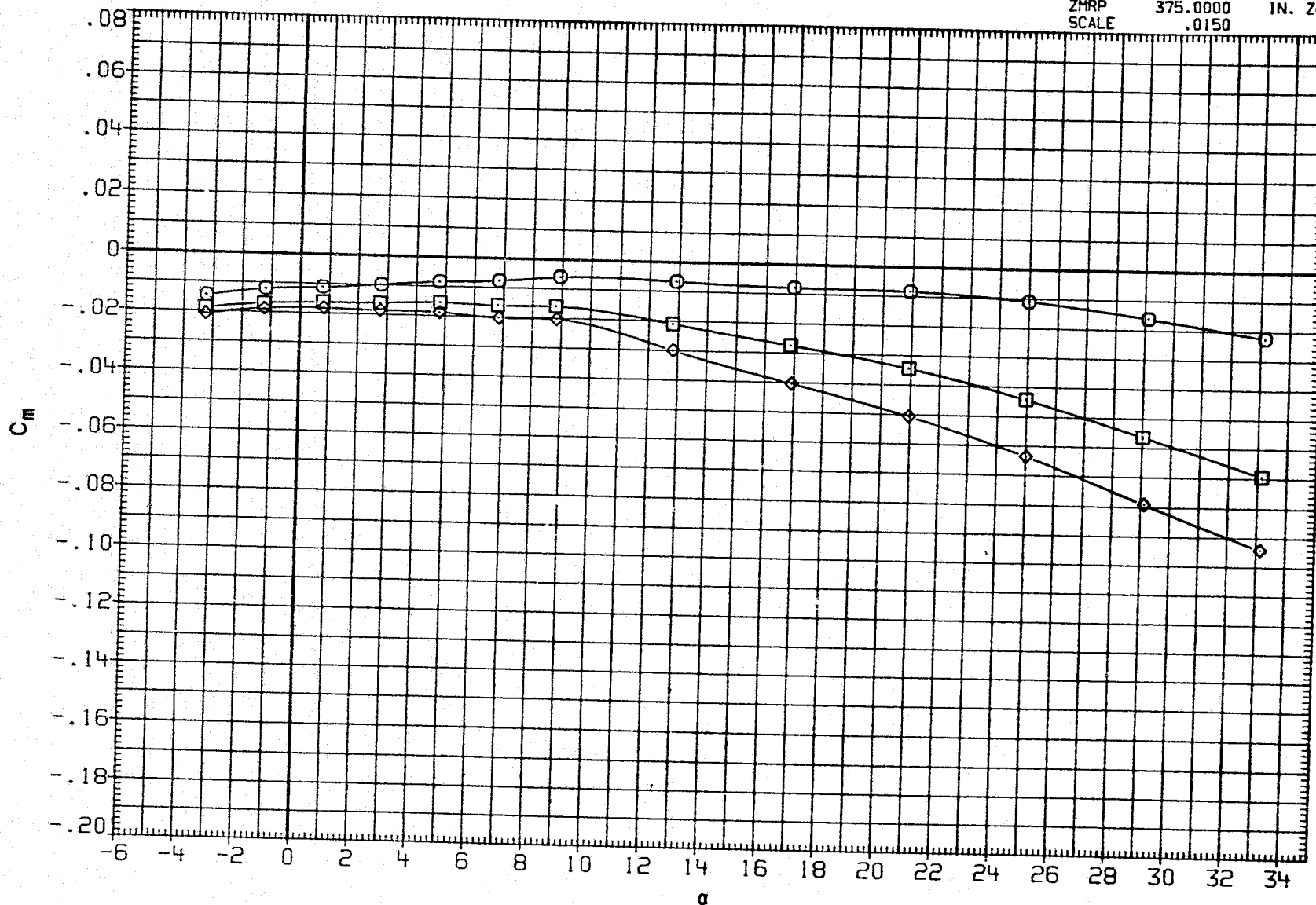


FIGURE 22. BODY FLAP EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	BDFLAP	SPOBRK
RJH053	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	50.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

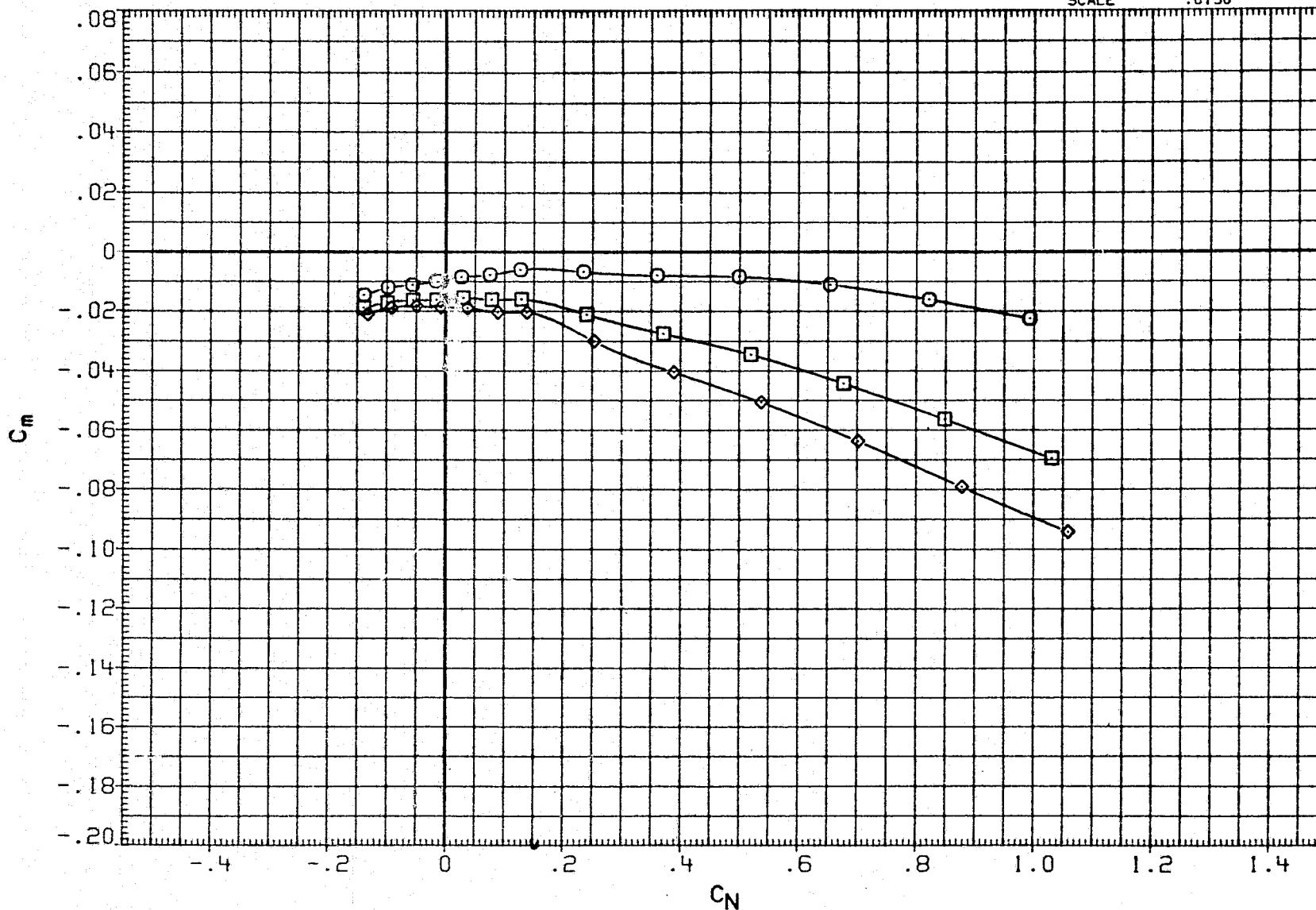


FIGURE 22. BODY FLAP EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

BDFLAP SPDBRK

REFERENCE INFORMATION

RJH053 ○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH050 □ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH045 ◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

-11.700 52.700  
 16.300 52.700  
 22.500 52.700

SREF 2690.0000 SQ. FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. XO  
 YMRP .0000 IN. YO  
 ZMRP 375.0000 IN. ZO  
 SCALE .0150

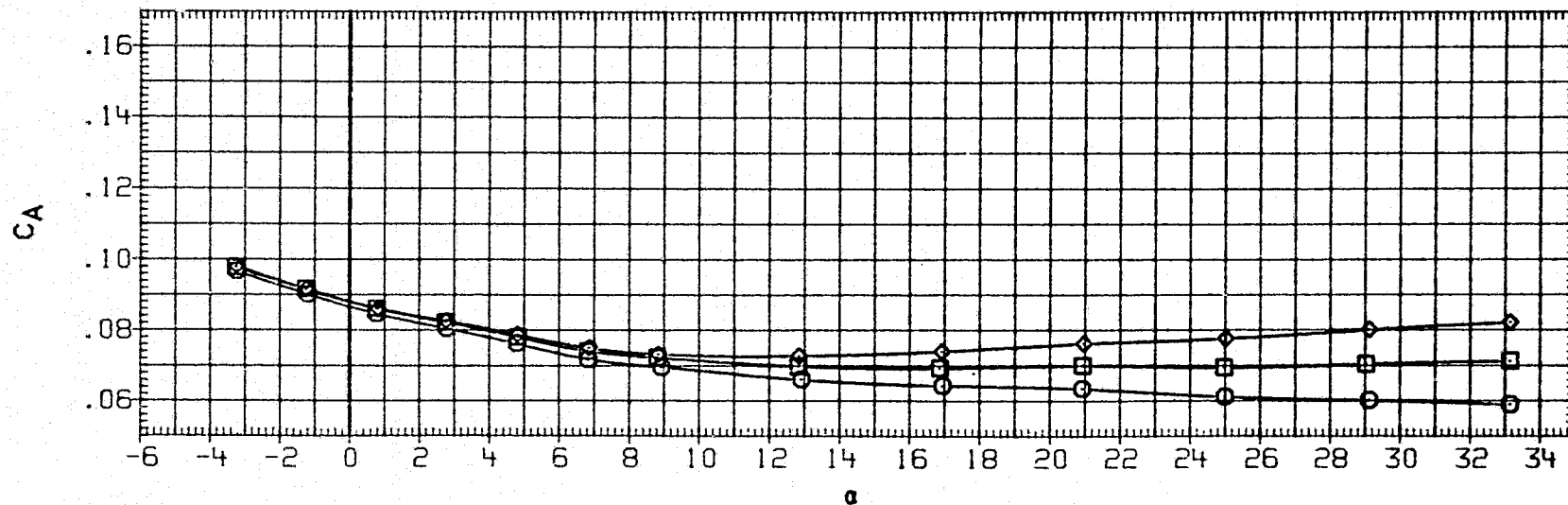
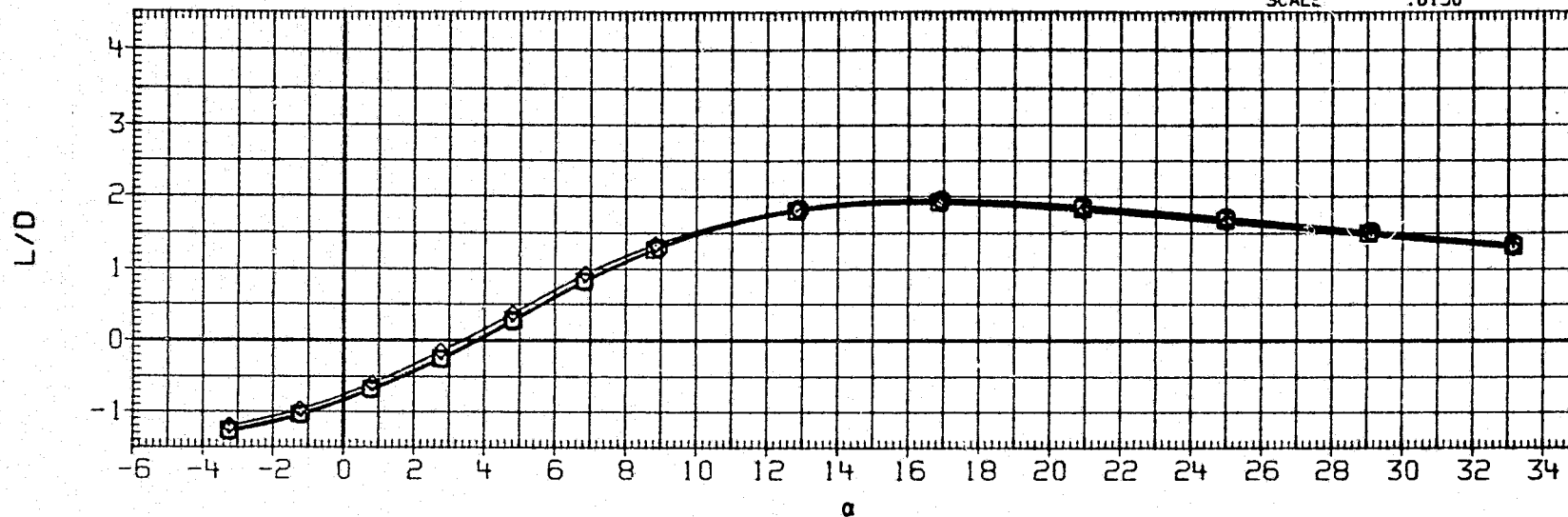


FIGURE 22. BODY FLAP EFFECTIVENESS

(B) MACH = 4.60



## DATA SET SYMBOL

## CONFIGURATION

## BOFLAP

## SPOBRK

## REFERENCE INFORMATION

RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

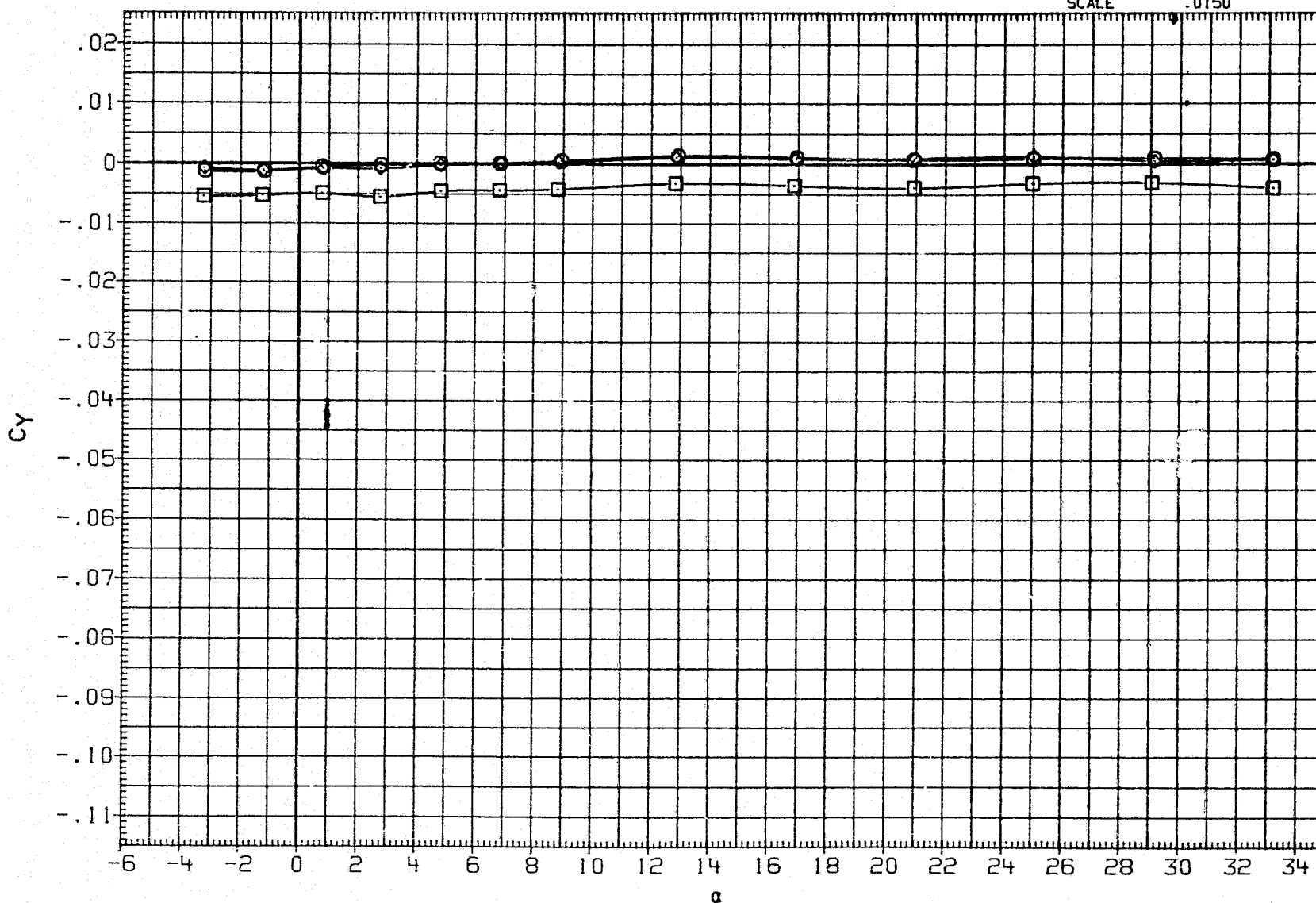


FIGURE 22. BODY FLAP EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

BDFLAP SPOBRK  
 -11.700 52.700  
 16.300 52.700  
 22.500 52.700

REFERENCE INFORMATION

RJH053 ○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH050 □ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH045 ◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

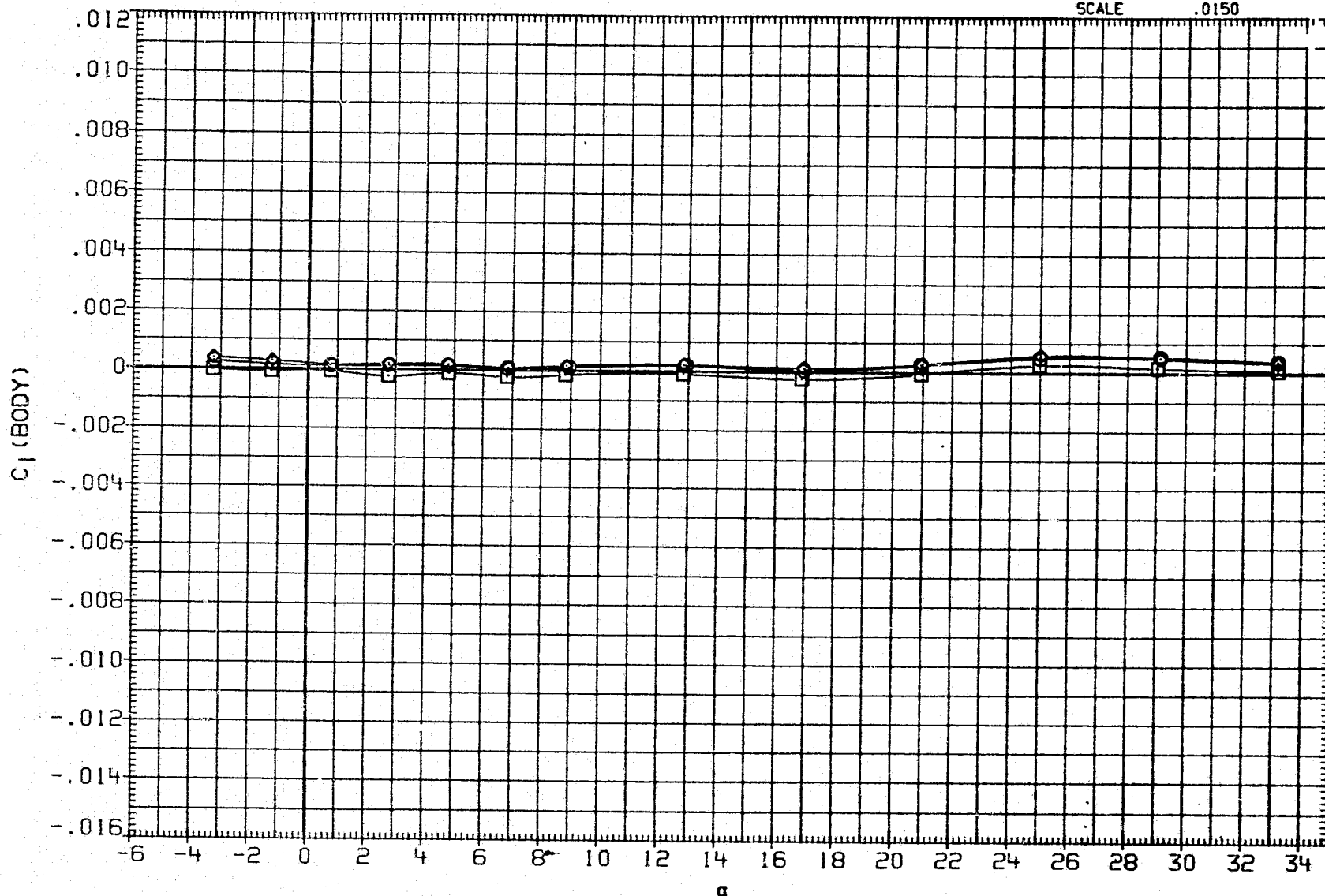


FIGURE 22. BODY FLAP EFFECTIVENESS

(B) MACH = 4.60

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REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## DATA SET SYMBOL

## CONFIGURATION

## BDFLAP

## SPDBRK

## REFERENCE INFORMATION

RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
RJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
RJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

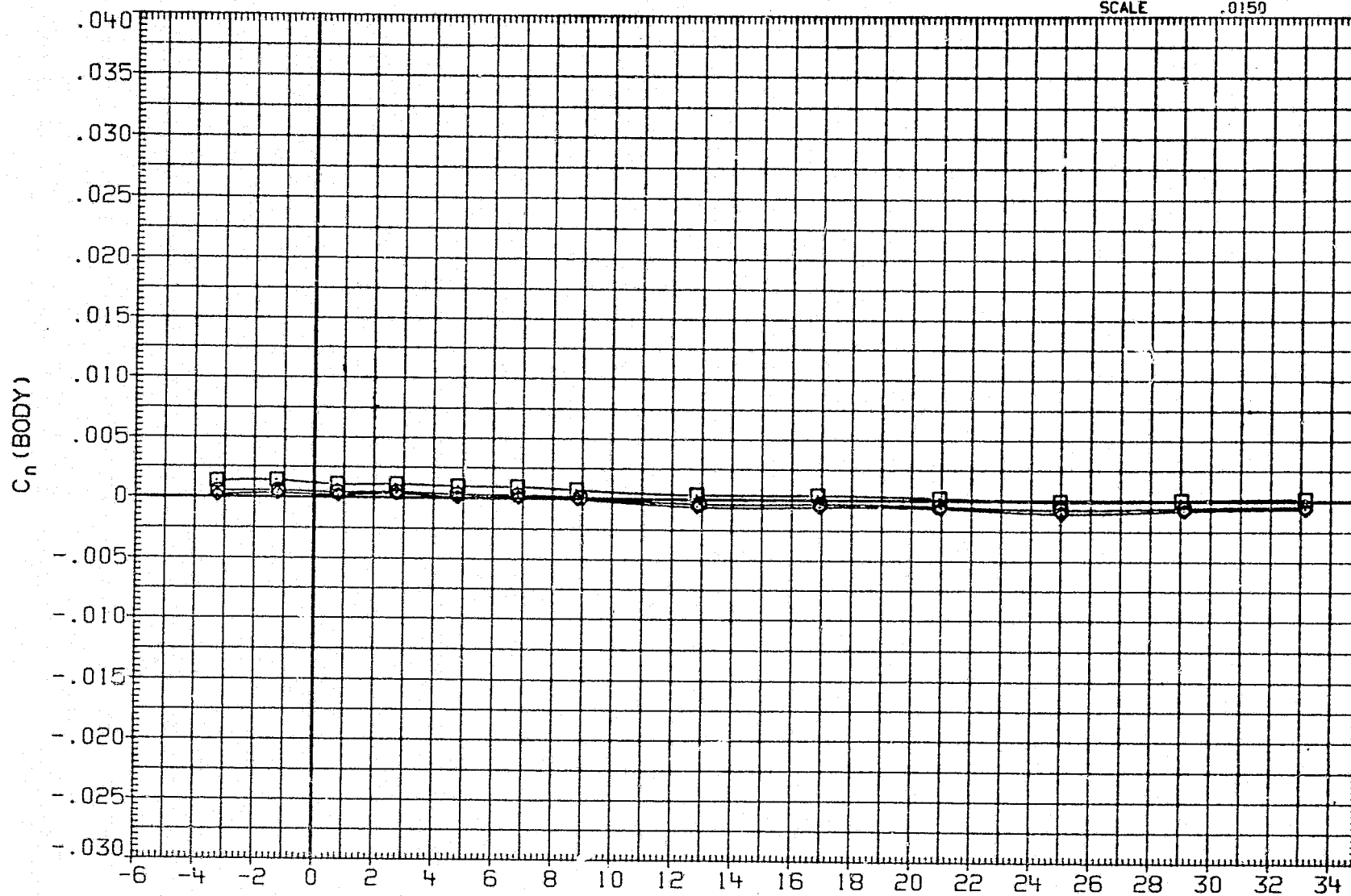


FIGURE 22. BODY FLAP EFFECTIVENESS

(B)MACH = 4.60

DATA SET SYMBOL

SJH053 ○  
 SJH050 □  
 SJH045 ◇

CONFIGURATION

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BDFLAP

-11.700  
 16.300  
 22.500

SPDBFK

52.700  
 52.700  
 52.700

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 BREF 935.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

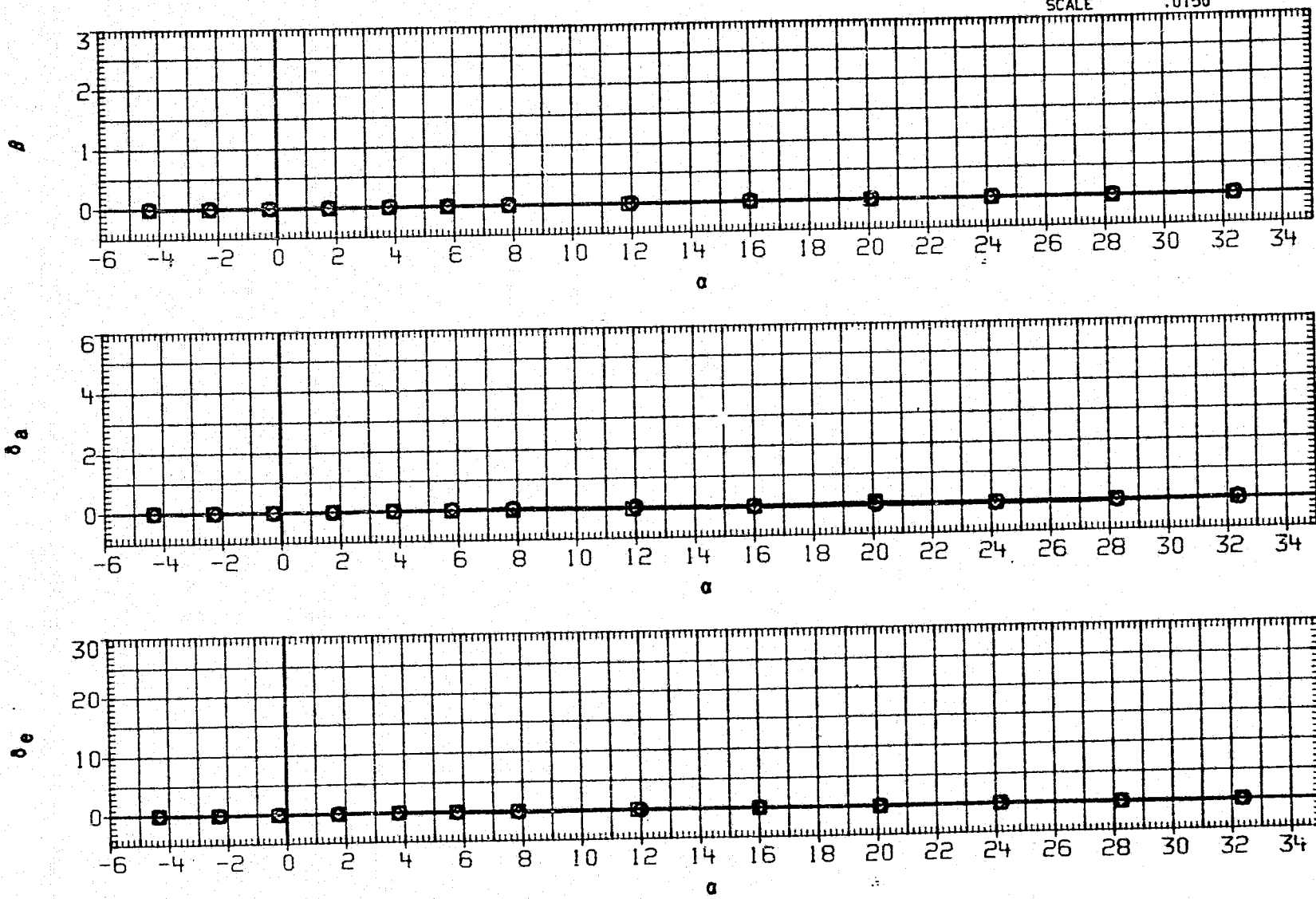


FIGURE 22. BODY FLAP EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

BDFLAP

SPDBRK

REFERENCE INFORMATION

SJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-11.700	52.700
SJH050	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	16.300	52.700
SJH045	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	22.500	52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

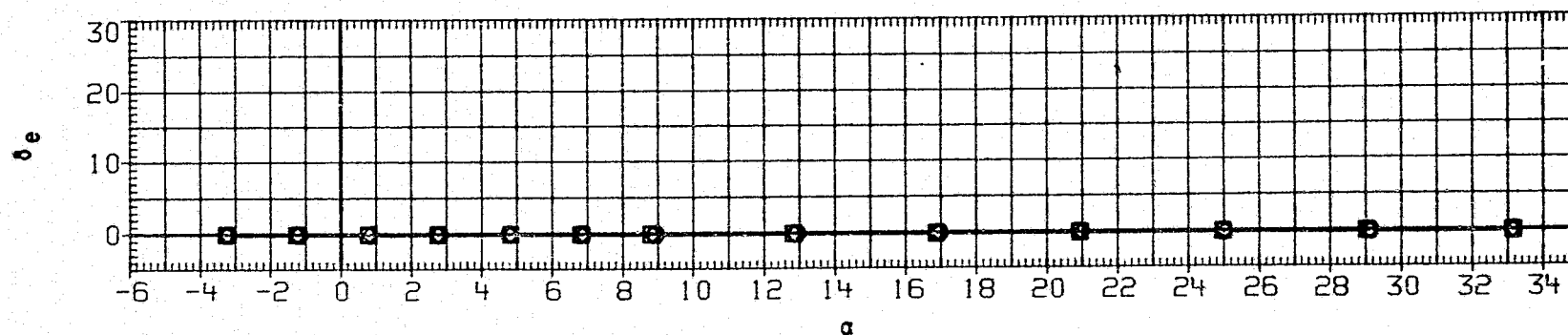
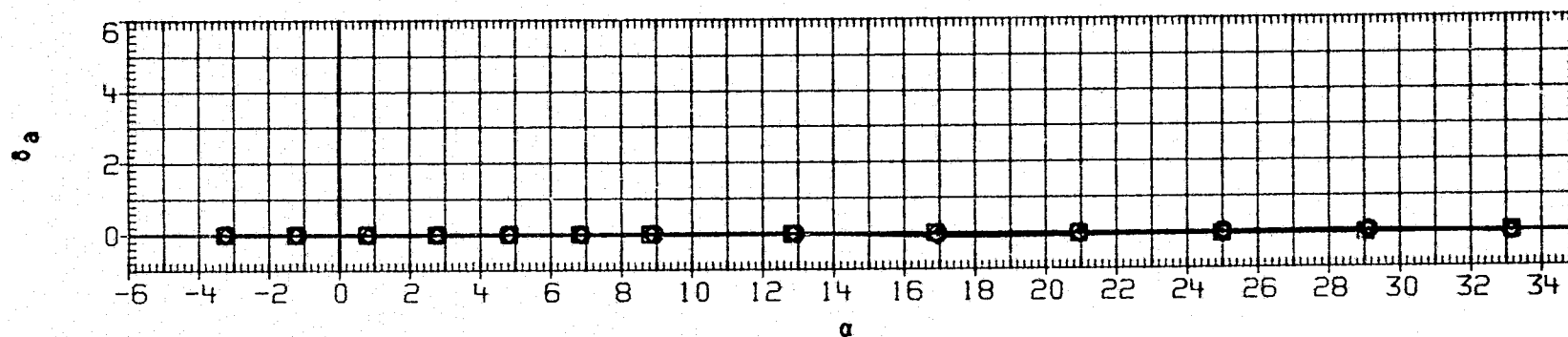
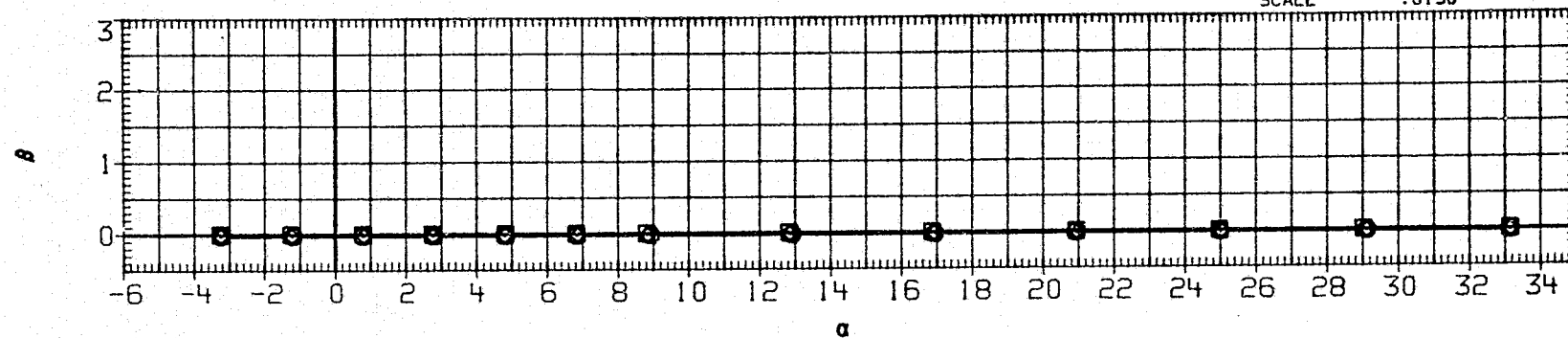


FIGURE 22. BODY FLAP EFFECTIVENESS

(B)MACH = 4.60

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DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	SQ.FT.
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. XO
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. YO
RJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. ZO
					SCALE	.0150	

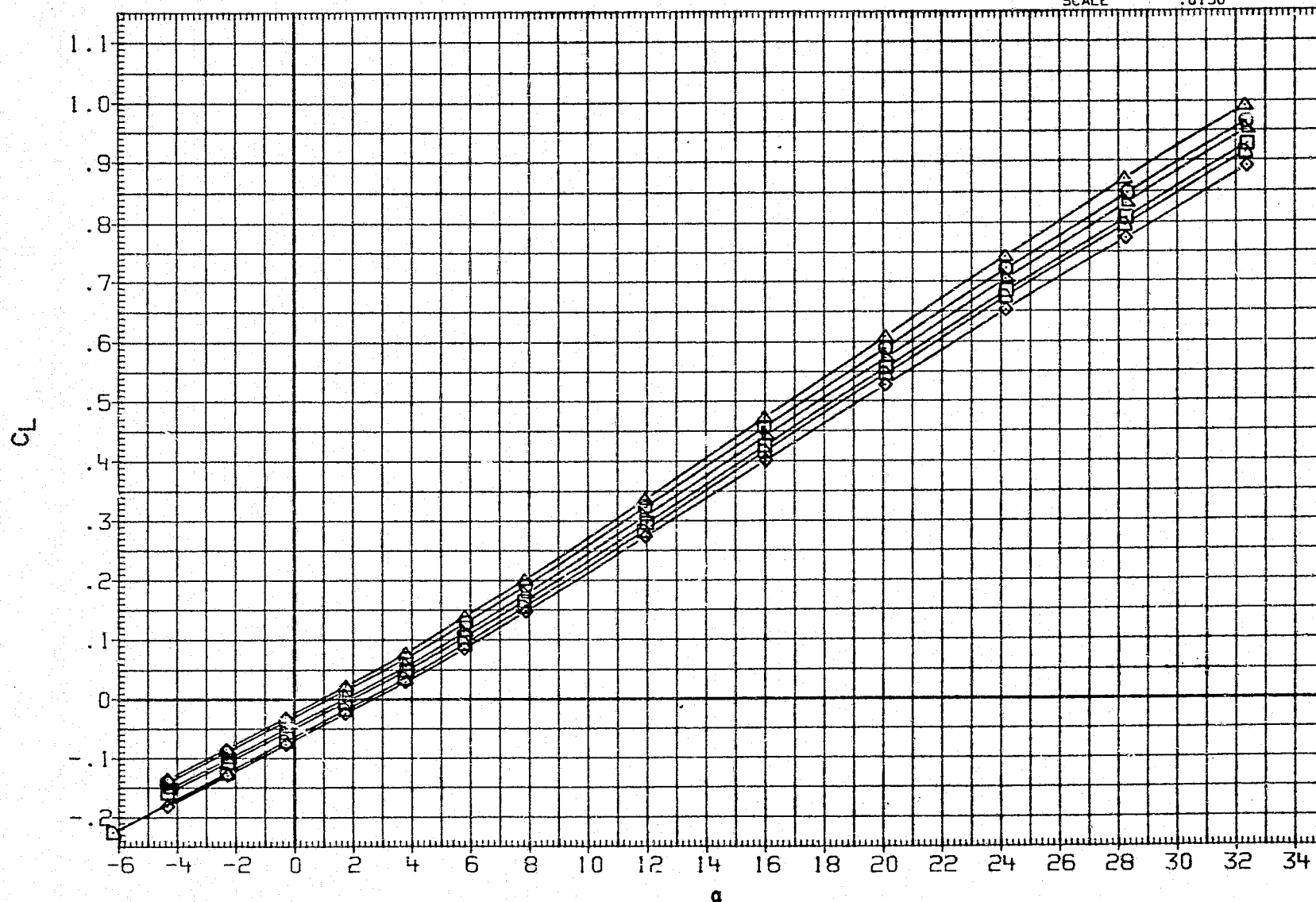


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

ELEVON	BDFLAP	SPOBRK
10.000	-11.700	52.700
.000	-11.700	52.700
-10.000	-11.700	52.700
10.000	16.300	52.700
.000	16.300	52.700
-10.000	16.300	52.700

REFERENCE INFORMATION

SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH053	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH054	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH050	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH051	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

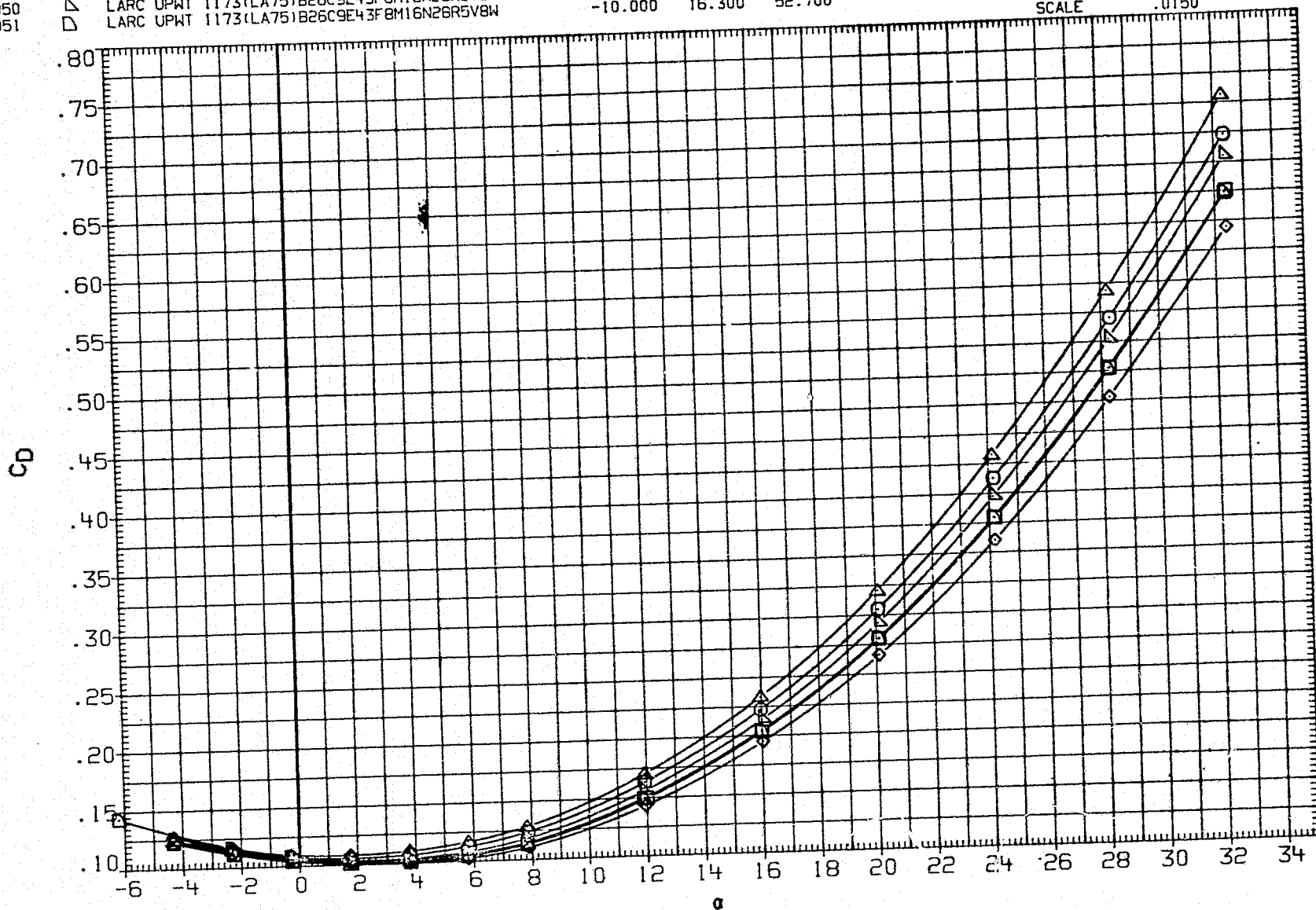


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH052	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50. FT.
RJH053	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	▷	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
						SCALE	.0150	

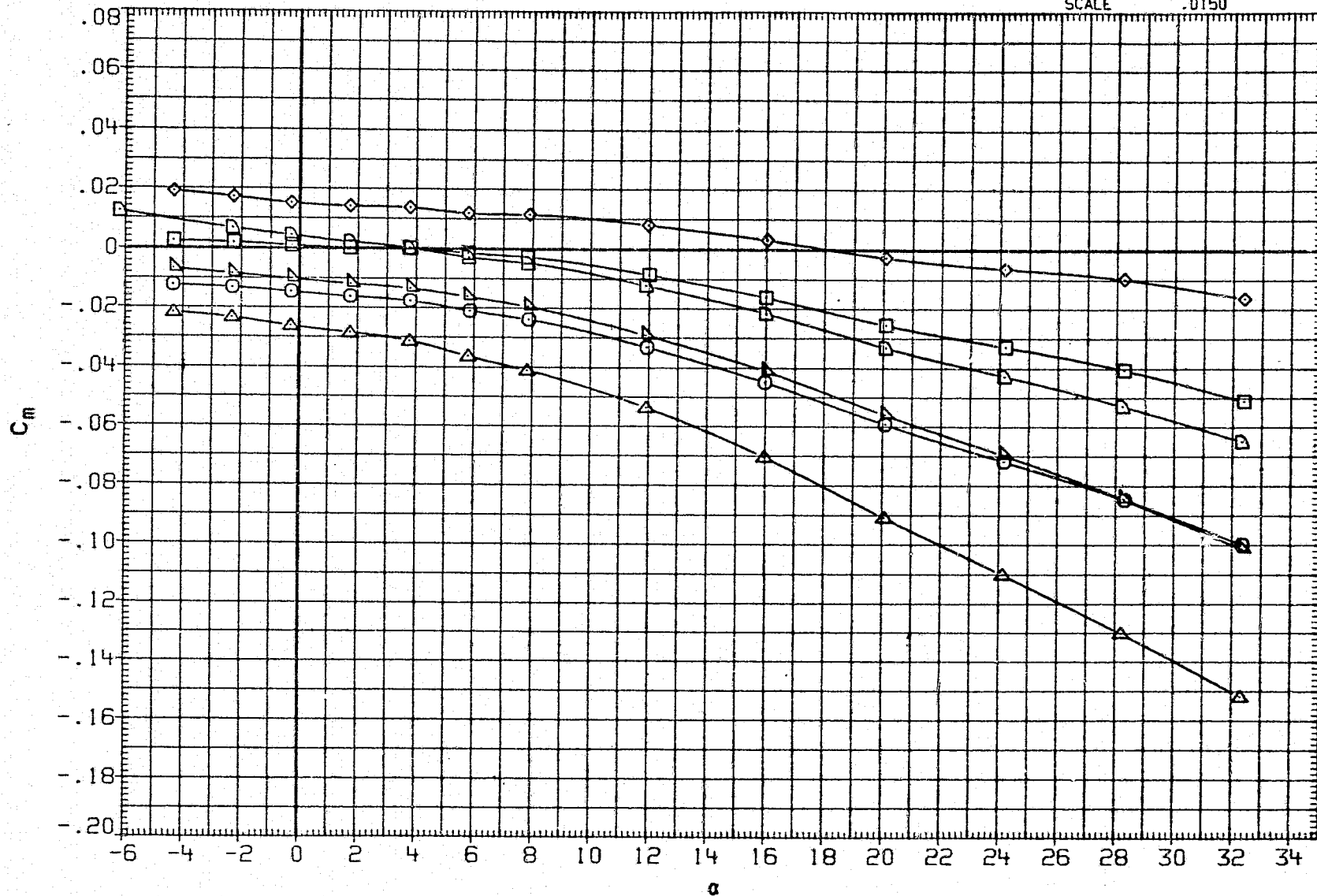


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86



DATA SET	SYMBOL	CONFIGURATION	ELEVON	BOFLAP	SPOBRK	REFERENCE INFORMATION		
RJH052	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50. FT.
RJH053	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	1. INCHES
RJH054	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	▷	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
						SCALE	.0150	

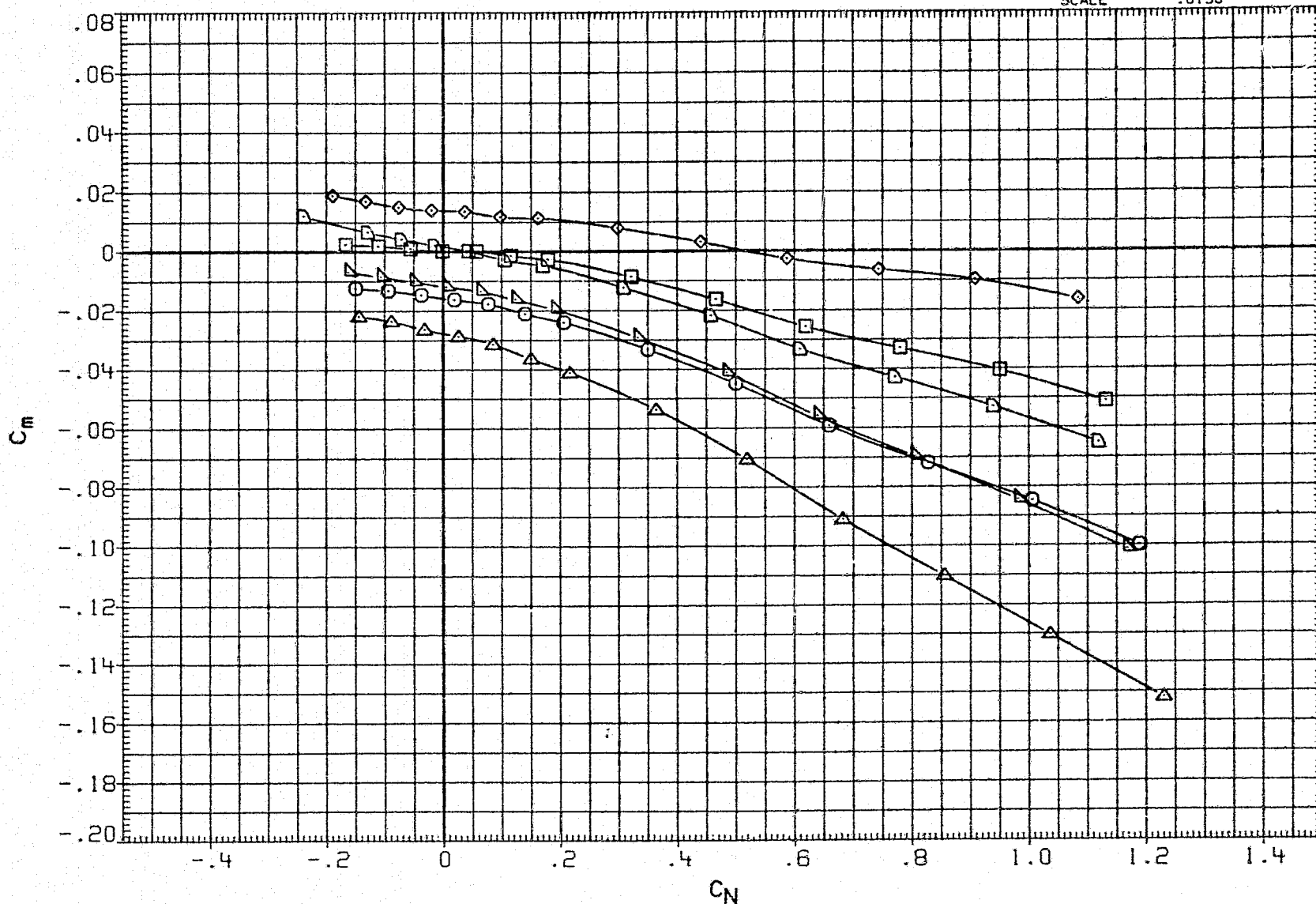


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

ELEVON BDFLAP SPDBRK

REFERENCE INFORMATION

RJH052	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700
RJH053	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700
RJH054	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700
RJH047	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700
RJH050	▽	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700
RJH051	◻	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700

SREF	2693.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6600	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

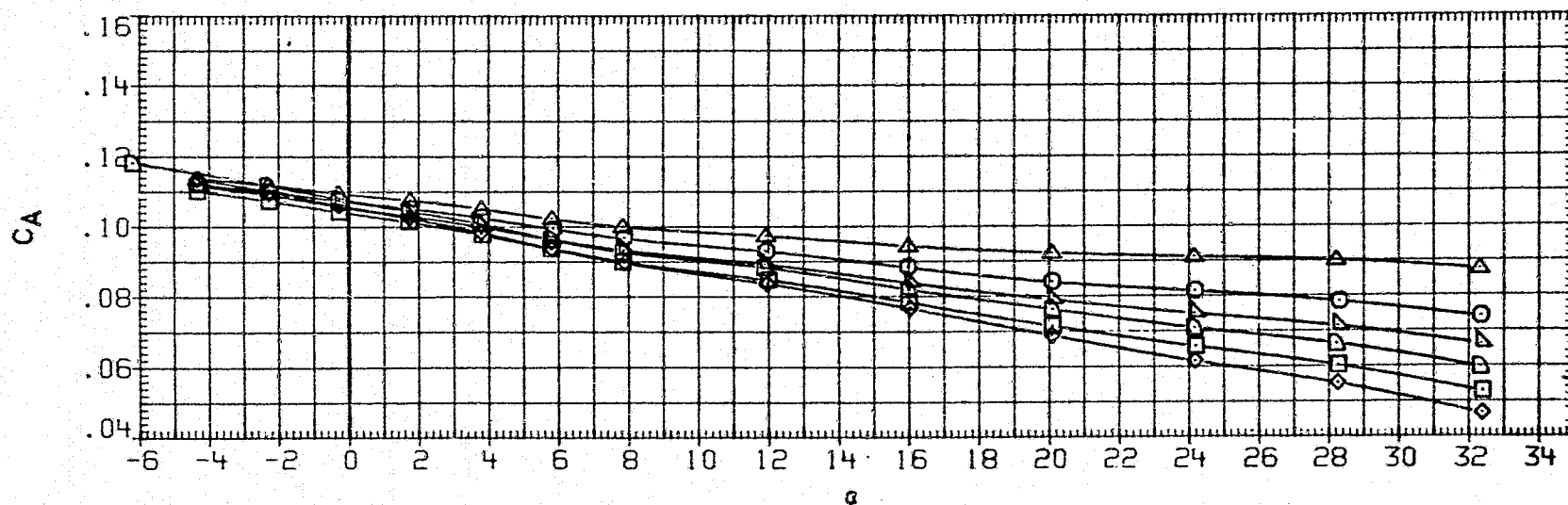
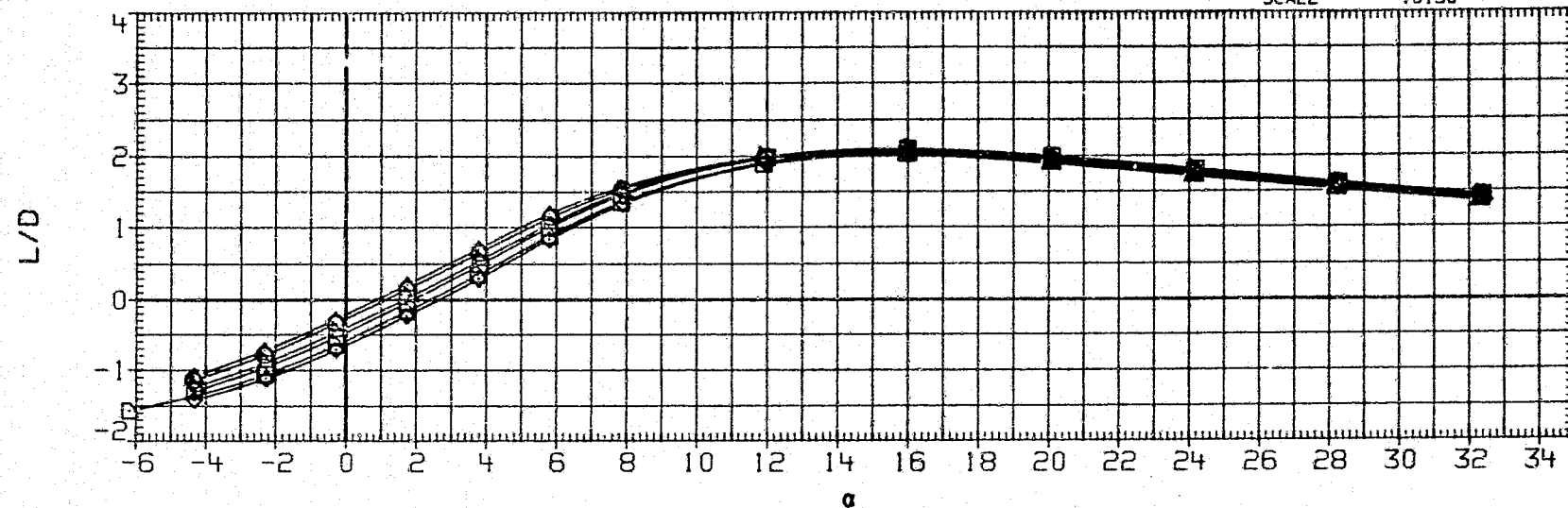


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION
RJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF 2690.0000 50.FT.
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF 474.8000 INCHES
RJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF 936.6800 INCHES
RJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP 1076.7000 IN. X0
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP .0000 IN. Y0
RJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP 375.0000 IN. Z0
					SCALE .0150

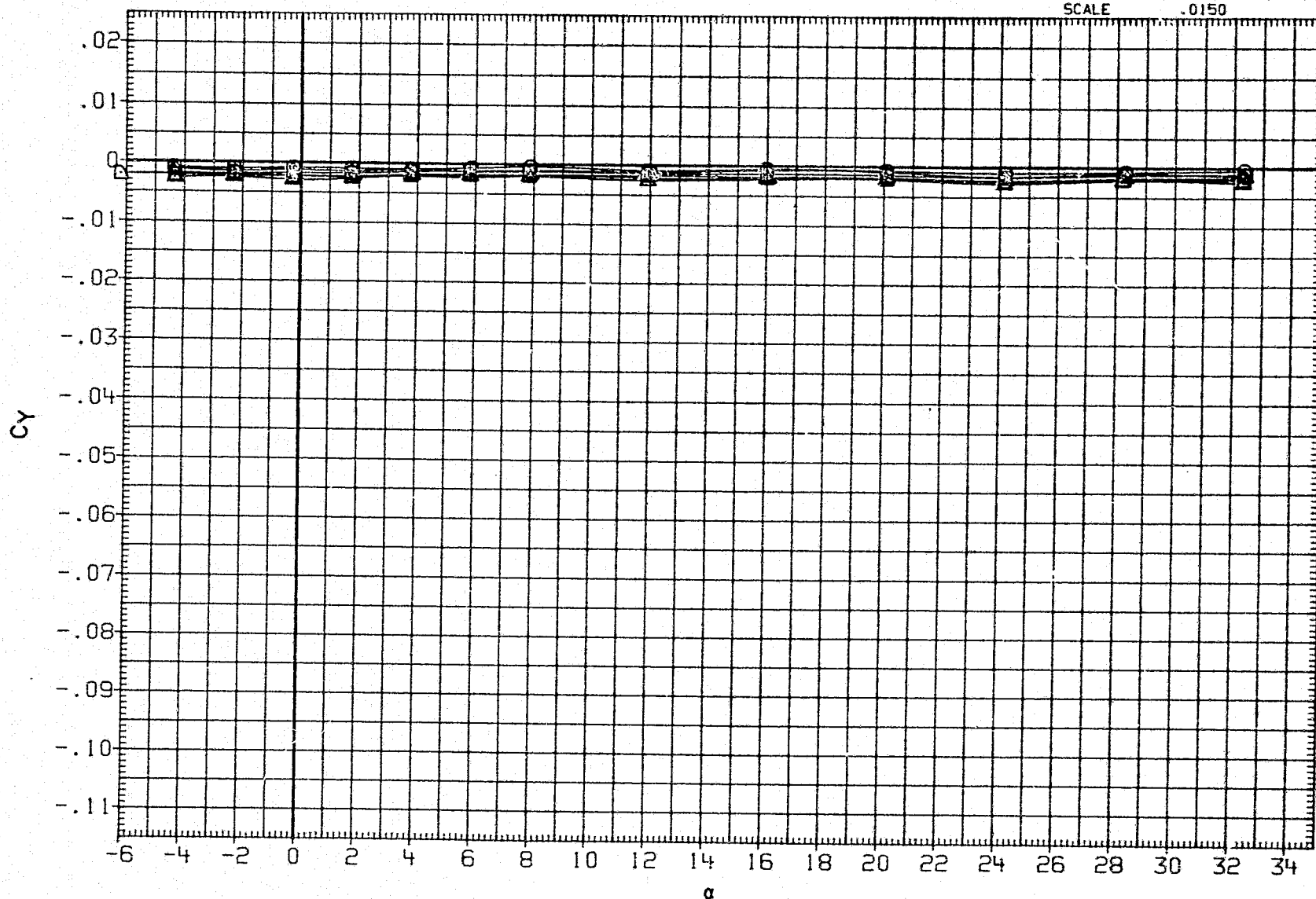


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPOBRK	REFERENCE INFORMATION		
RJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50.FT.
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
					SCALE	.0150	

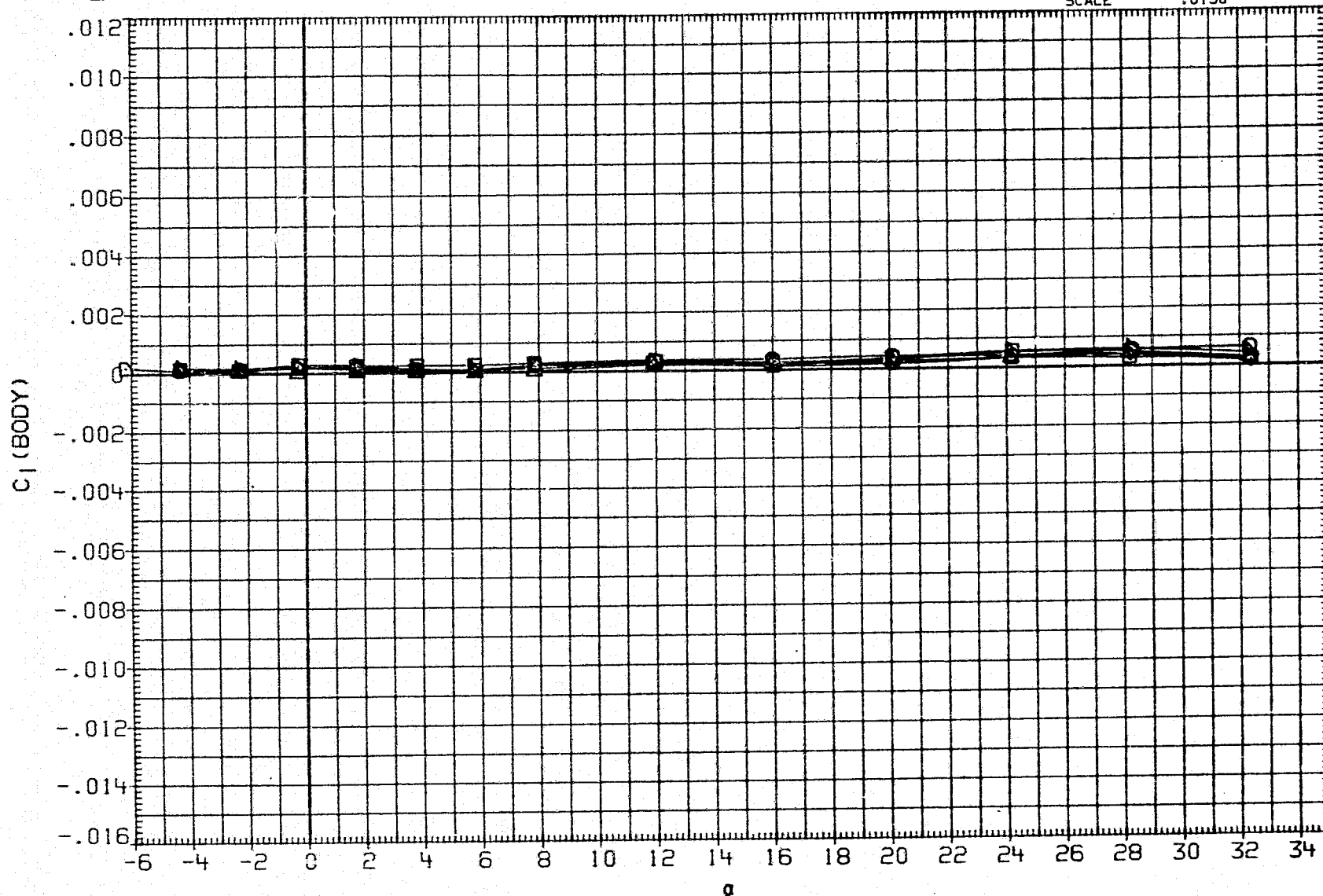


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH051	◻	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ELEVON	BDFLAP	SPDBRK
10.000	-11.700	52.700
.000	-11.700	52.700
-10.000	-11.700	52.700
10.000	16.300	52.700
.000	16.300	52.700
-10.000	16.300	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

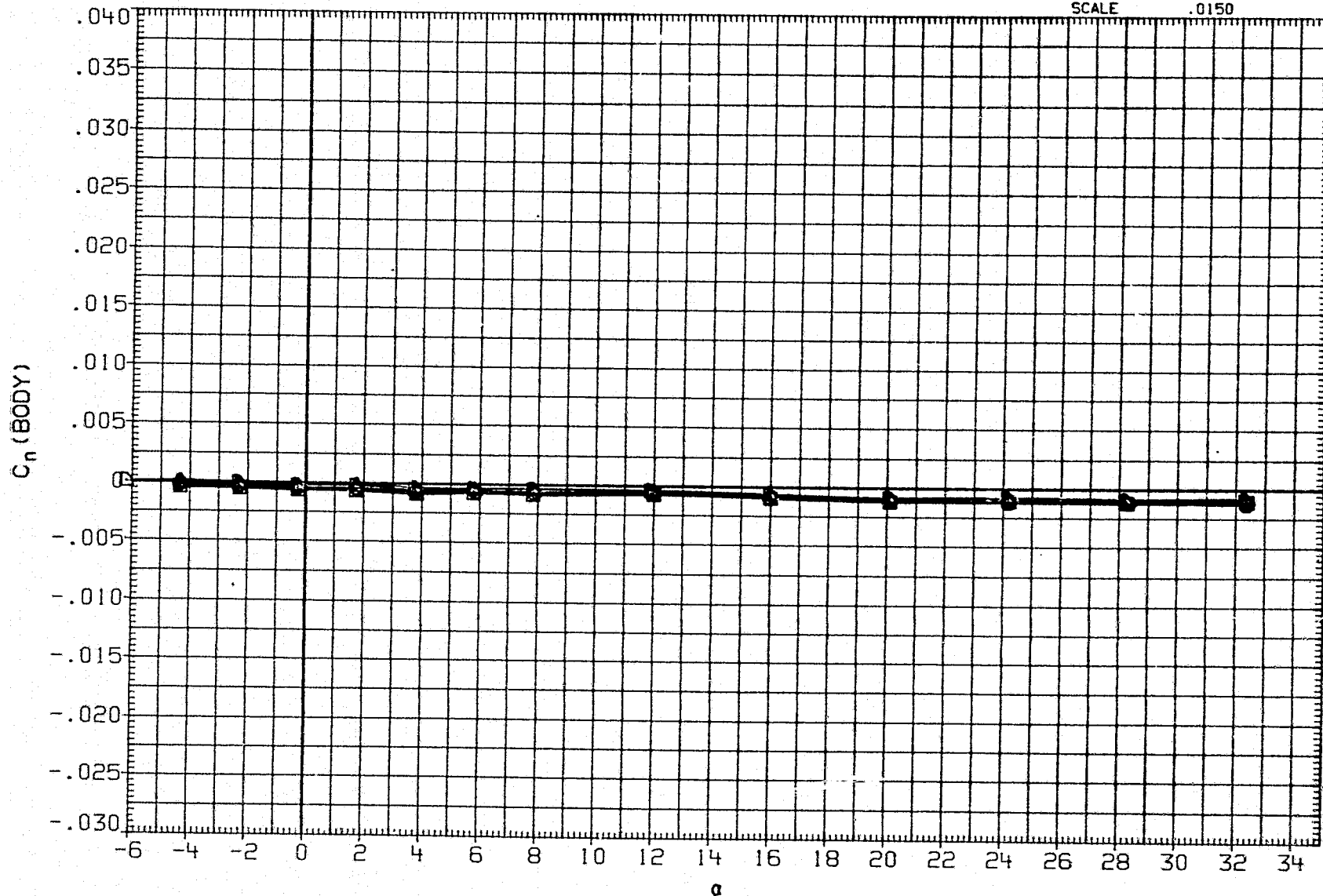


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50. FT.
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
						SCALE	.0150	

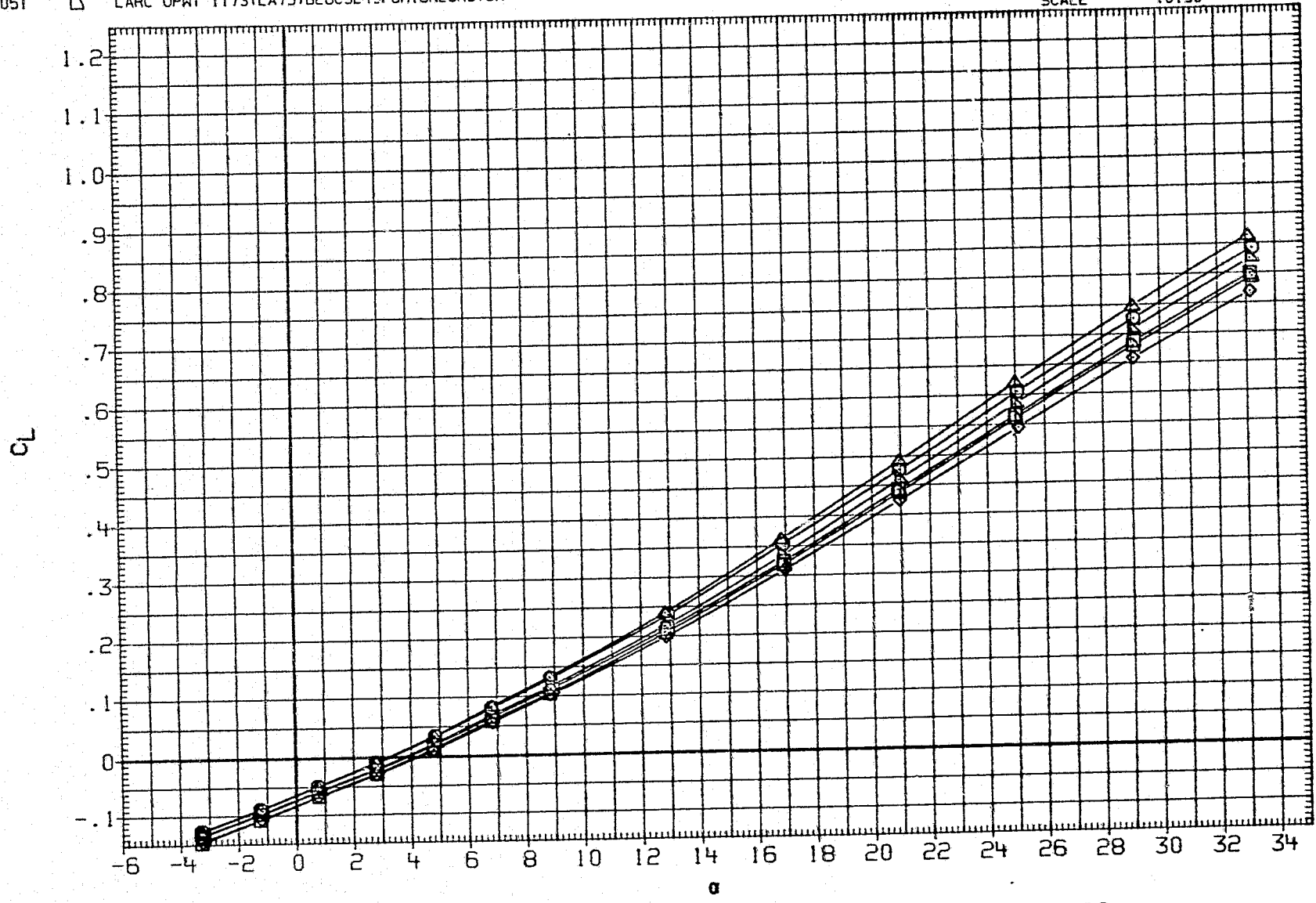


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION
RJH052	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF 2690.0000 SQ.FT.
RJH053	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF 474.8000 INCHES
RJH054	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF 936.6800 INCHES
RJH047	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP 1076.7000 IN. XO
RJH050	▽ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP .0000 IN. YO
RJH051	◊ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP 375.0000 IN. ZO
					SCALE .0150

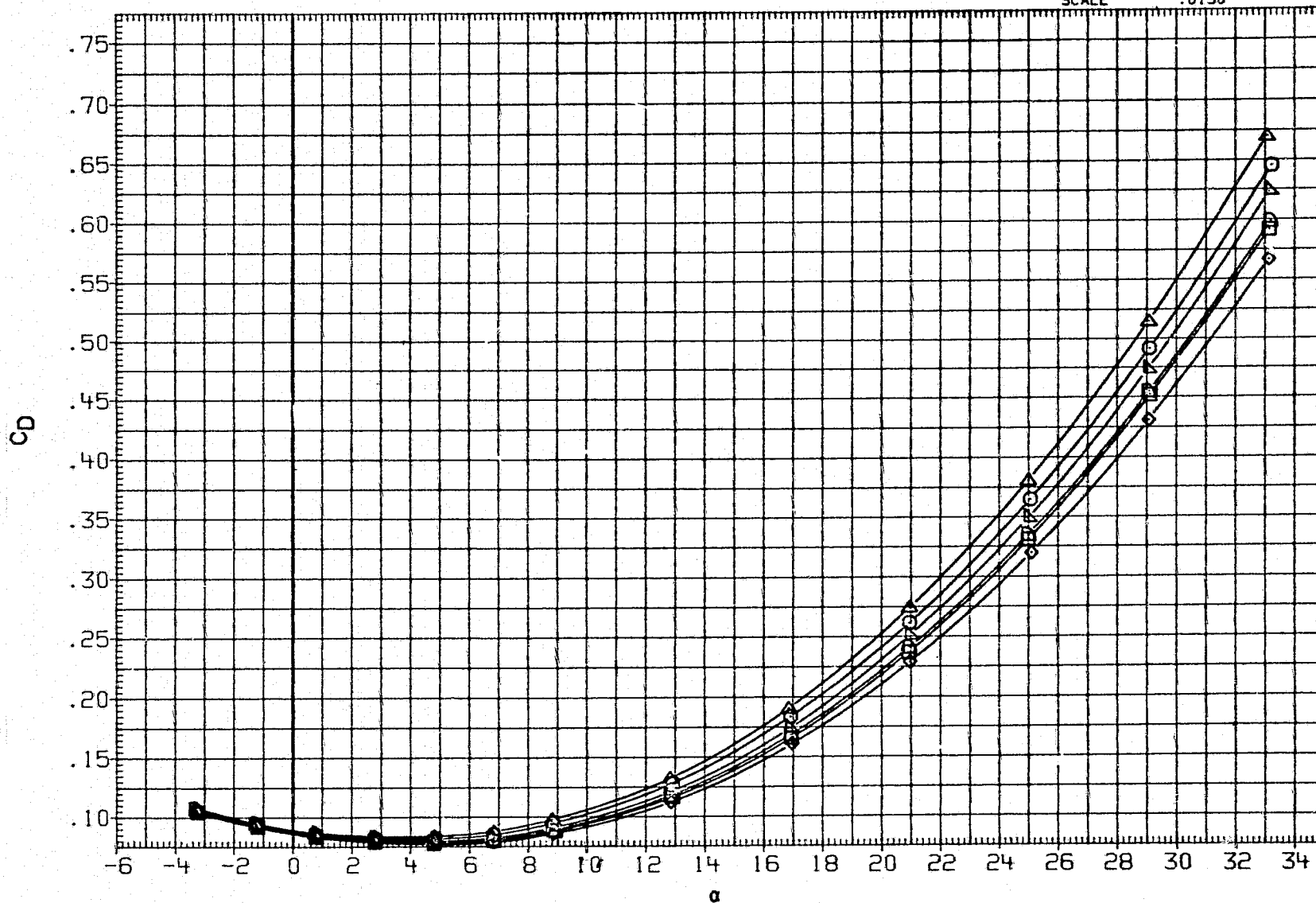


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

ELEVON

BOFLAP

SPDBRK

REFERENCE INFORMATION

RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700
RJH050	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700
RJH051	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700

SREF	2690.0000	SO. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.6000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

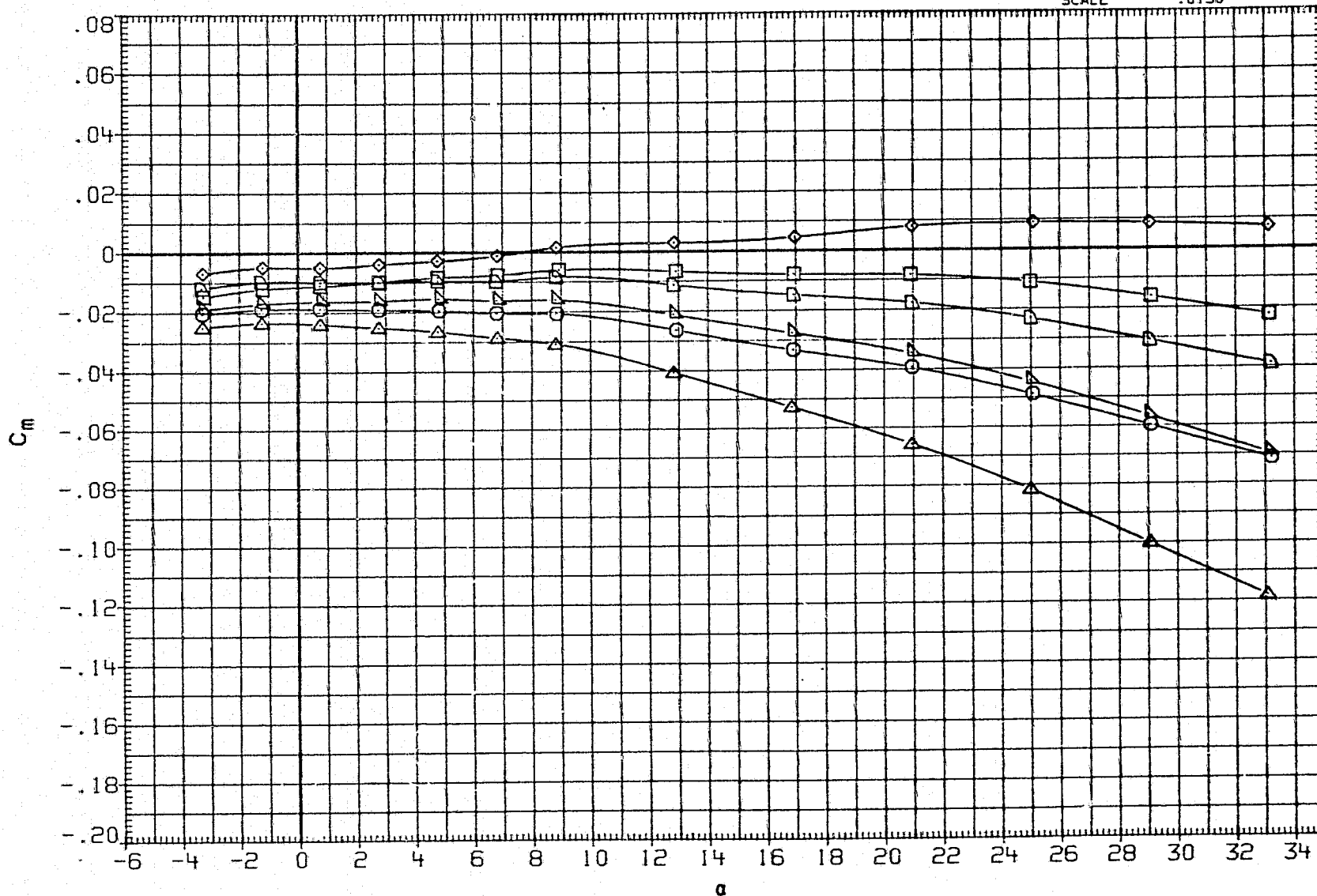


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

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REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPOBRK	REFERENCE INFORMATION		
RJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	SQ.FT.
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. XO
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. YO
RJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. ZO
					SCALE	.0150	

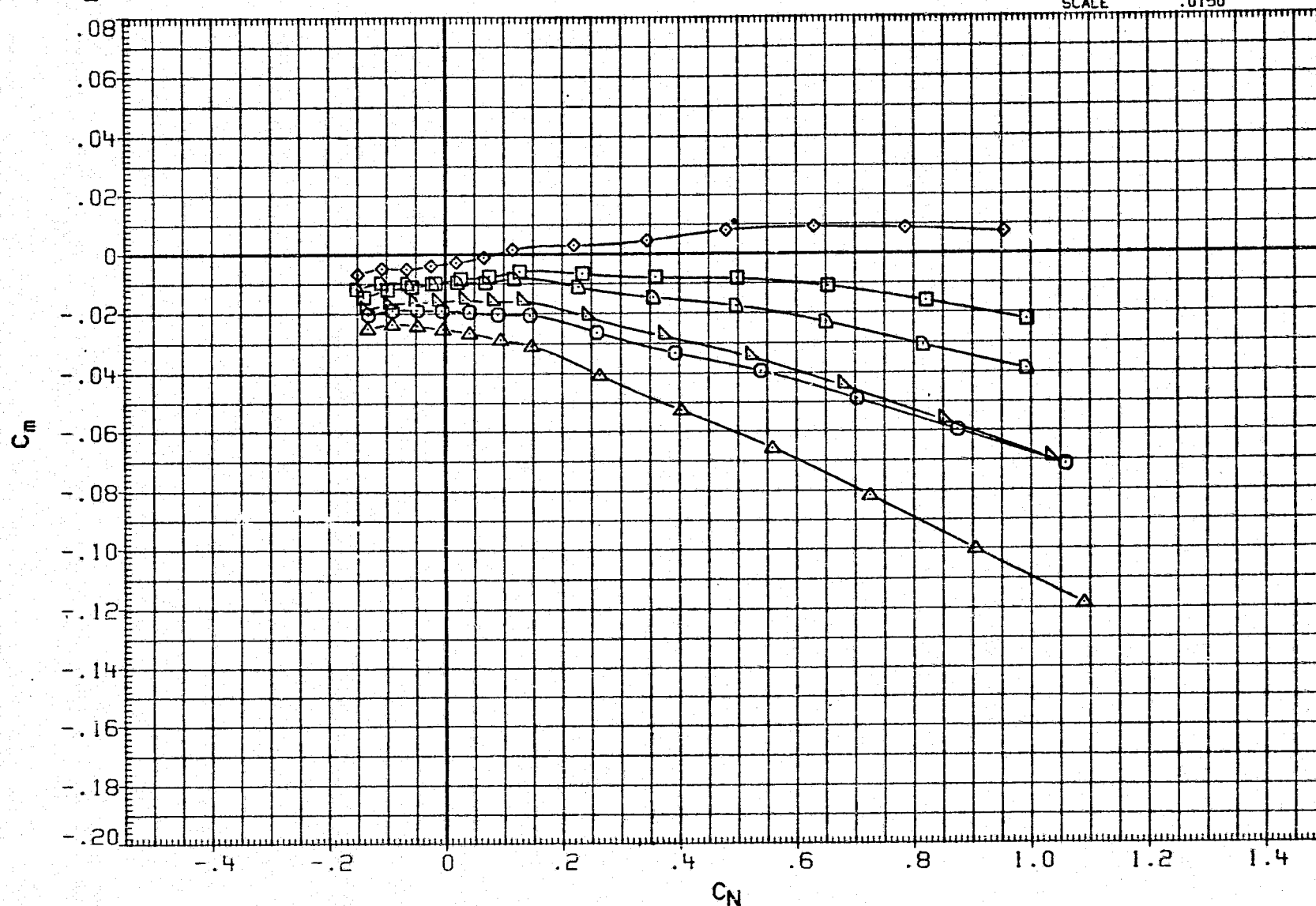


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION		
RJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50. FT.
RJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
					SCALE	.0150	

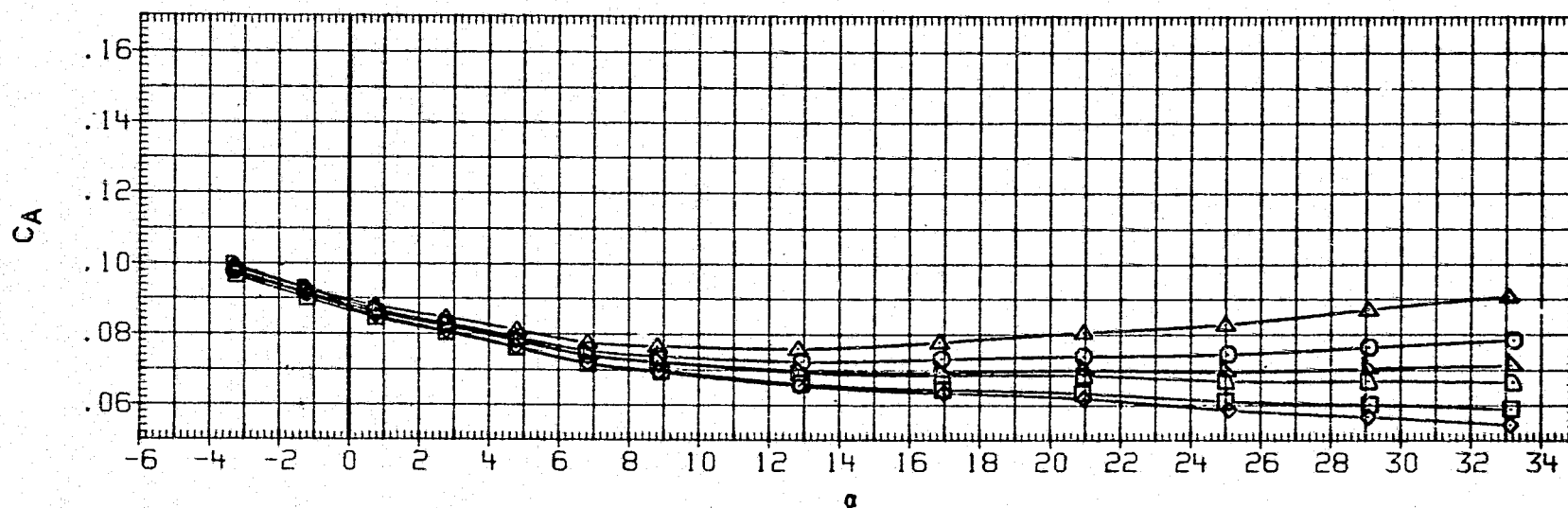
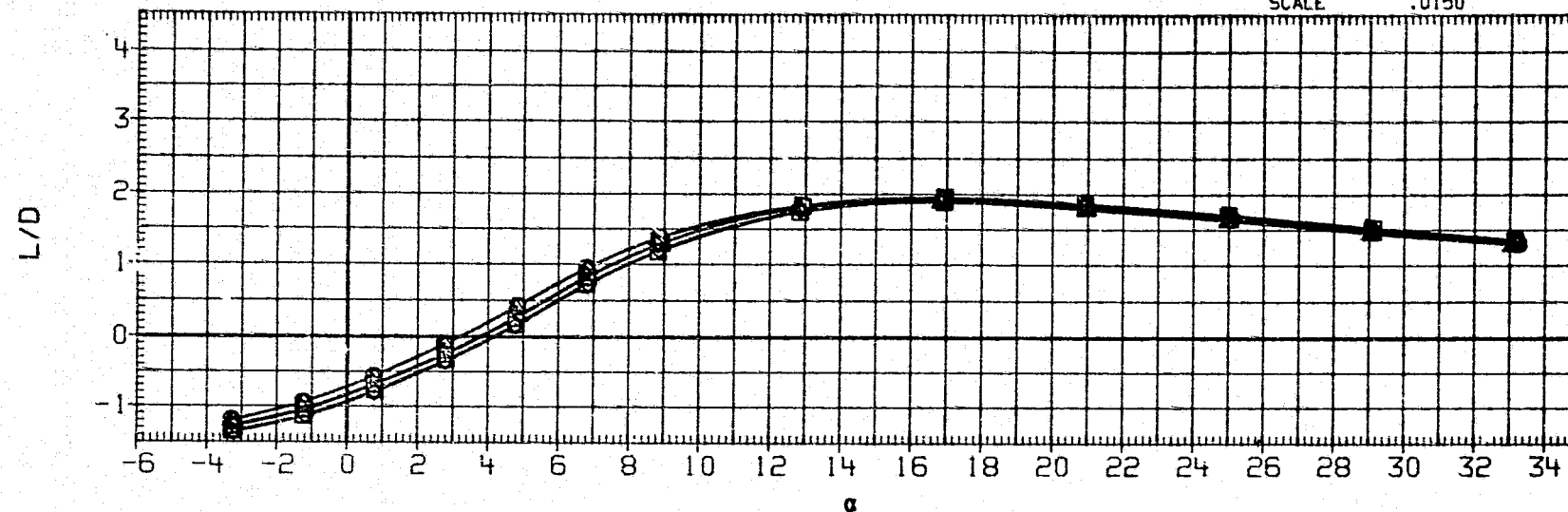


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

CONFIGURATION

ELEVON BDFLAP SPDBRK

REFERENCE INFORMATION

RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700
RJH051	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

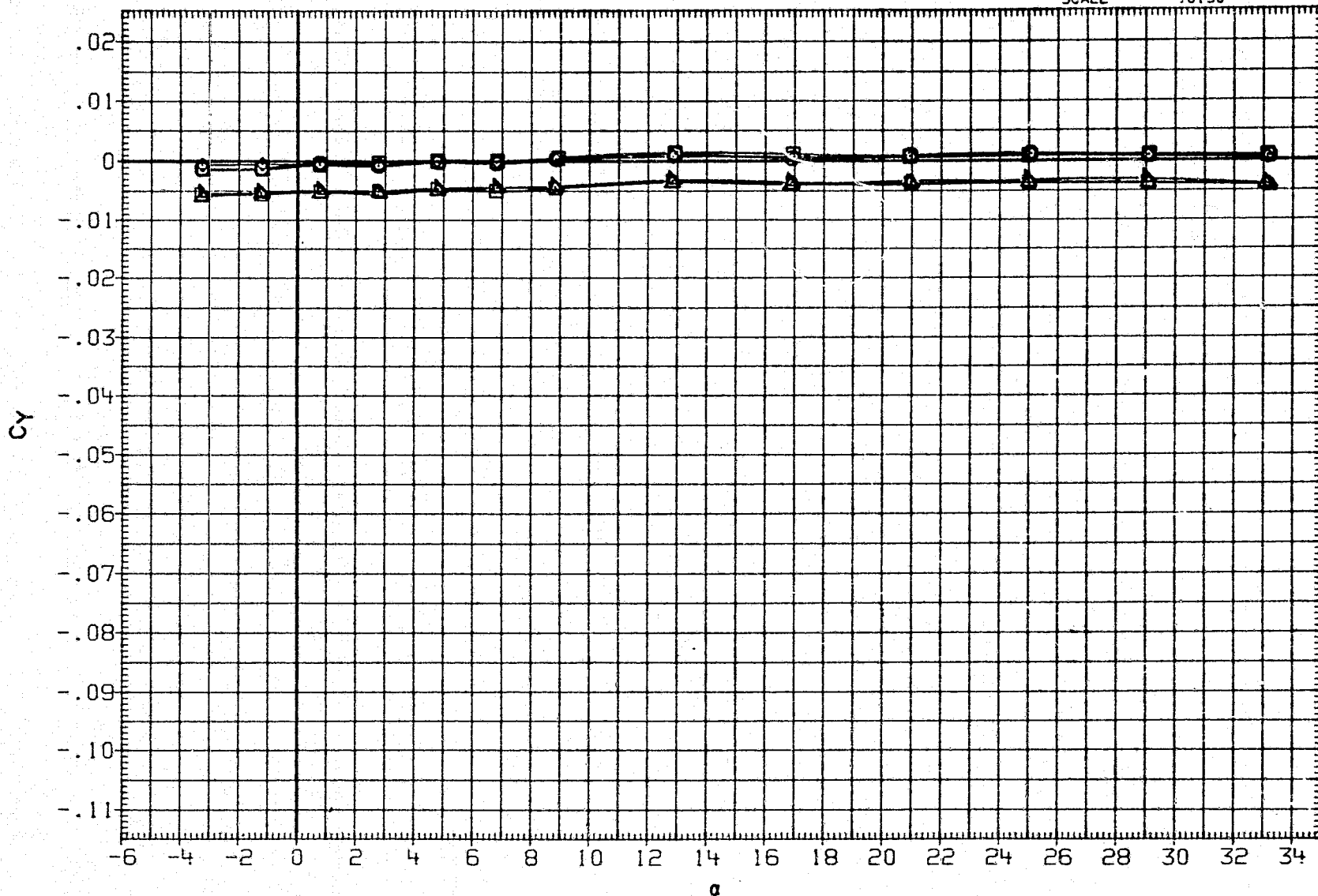


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

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DATA SET	SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDRK	REFERENCE INFORMATION		
RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50.FT.
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. X0
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. Y0
RJH051	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. Z0
						SCALE	.0150	

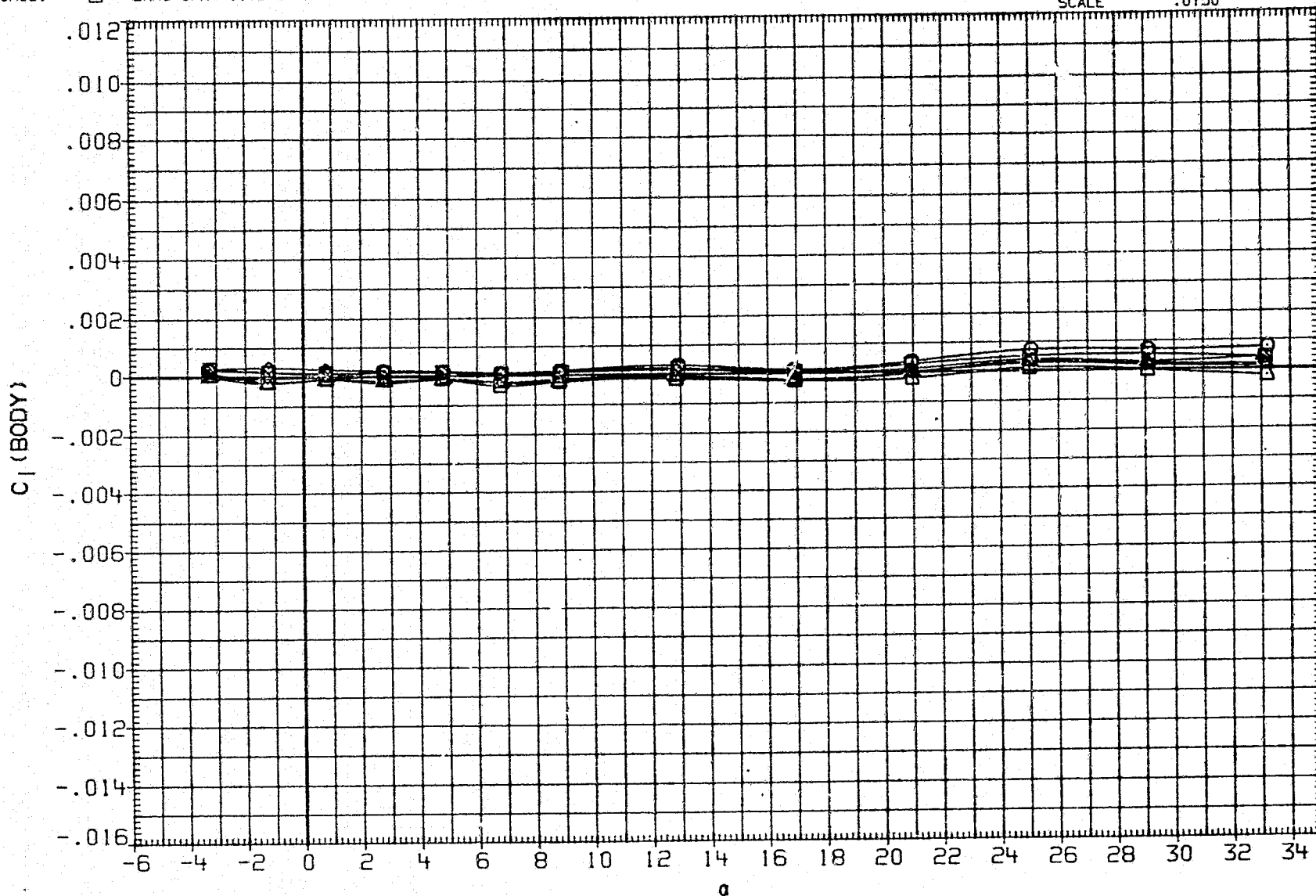


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION		
RJH052	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700	SREF	2690.0000	50.FT.
RJH053	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700	LREF	474.8000	INCHES
RJH054	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH047	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700	XMRP	1076.7000	IN. YO
RJH050	▽	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700	YMRP	.0000	IN. YO
RJH051	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700	ZMRP	375.0000	IN. ZO
						SCALE	.0150	

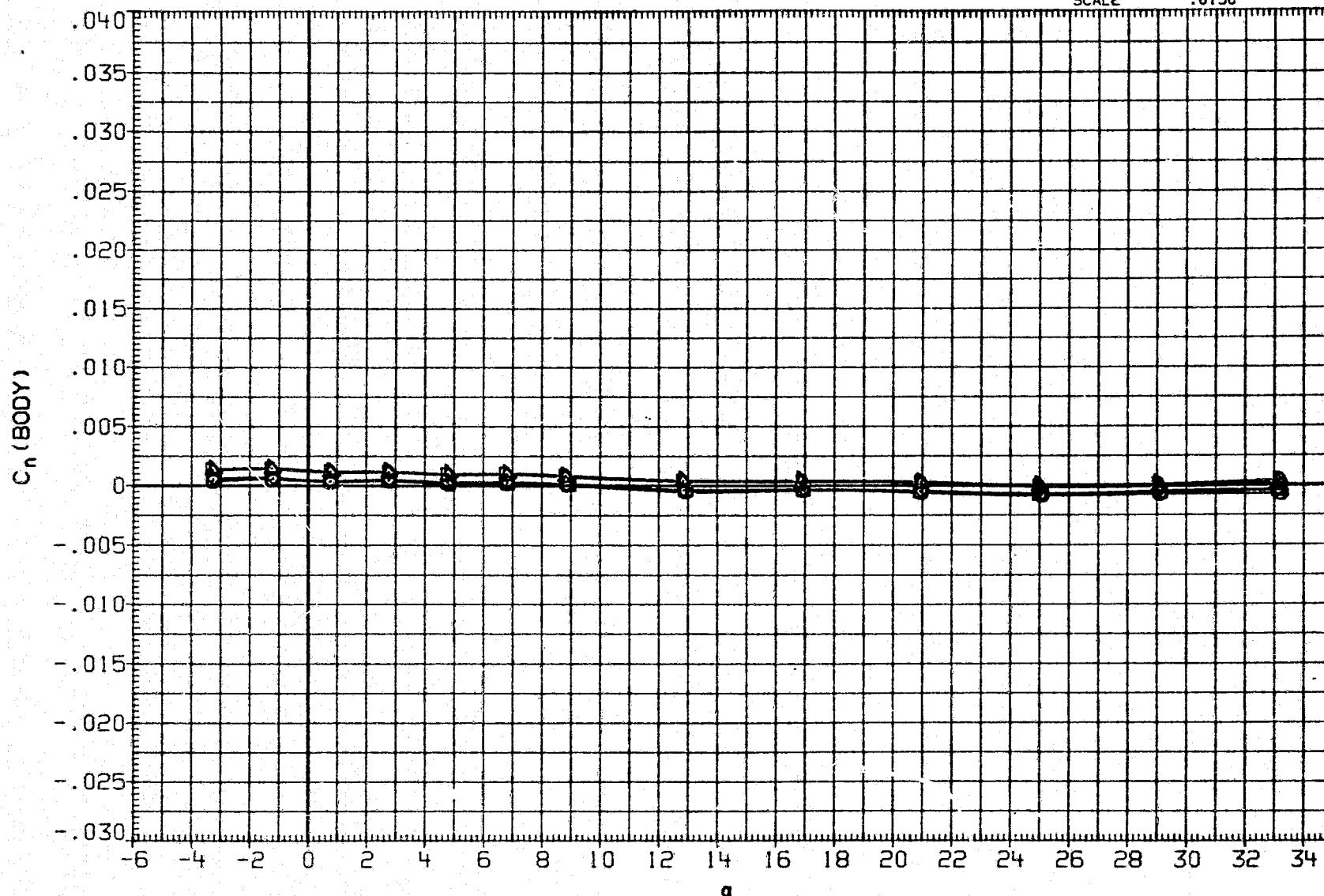


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

CONFIGURATION

ELEVON BDFLAP SPDBRK

REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK
SJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700
SJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700
SJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	-11.700	52.700
SJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700
SJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700
SJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700

REFERENCE INFORMATION	VALUE	UNIT
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

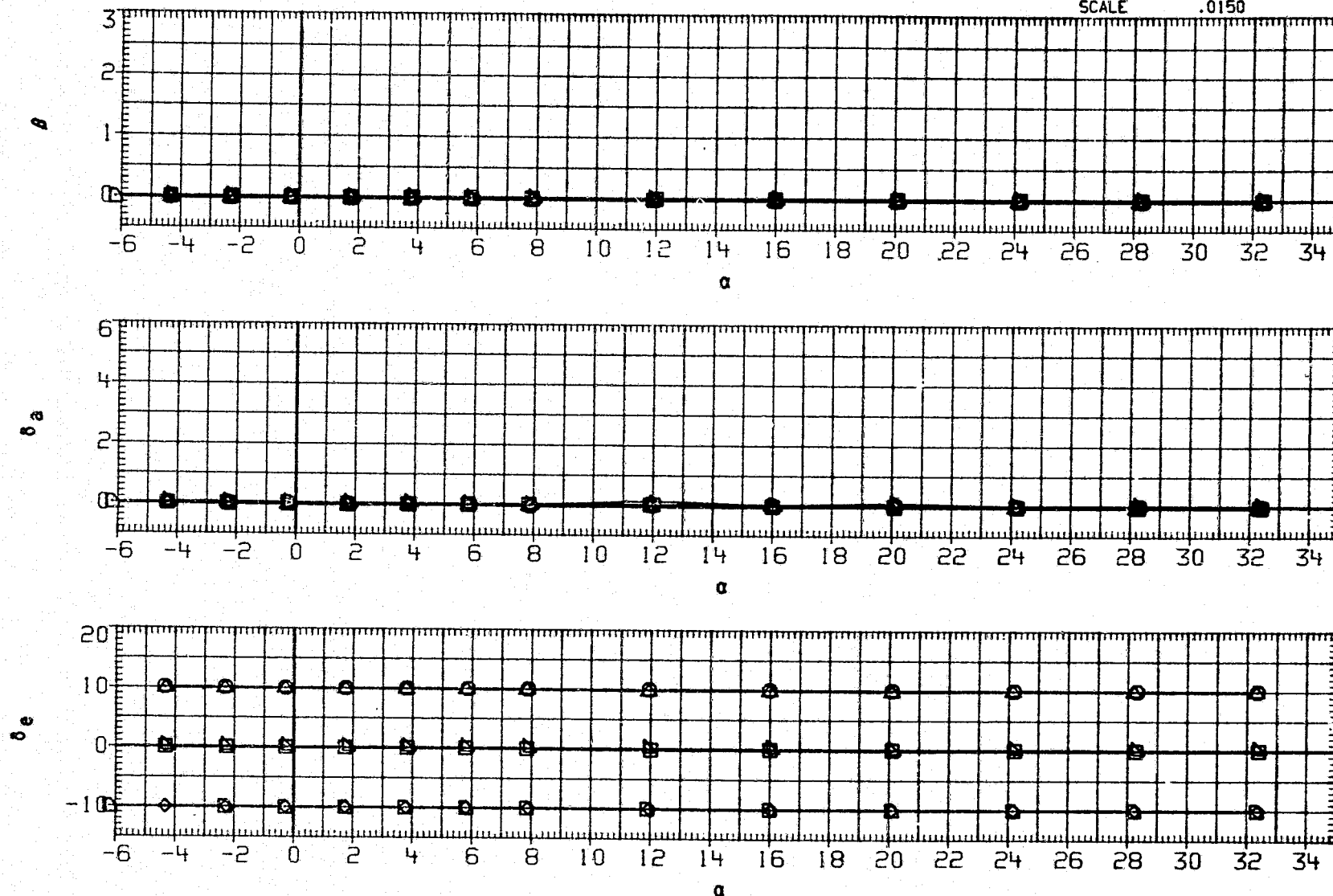


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK
SJH052	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	-11.700	52.700
SJH053	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	-11.700	52.700
SJH054	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V3W	-10.000	-11.700	52.700
SJH047	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	16.300	52.700
SJH050	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	16.300	52.700
SJH051	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	16.300	52.700

REFERENCE INFORMATION		
SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

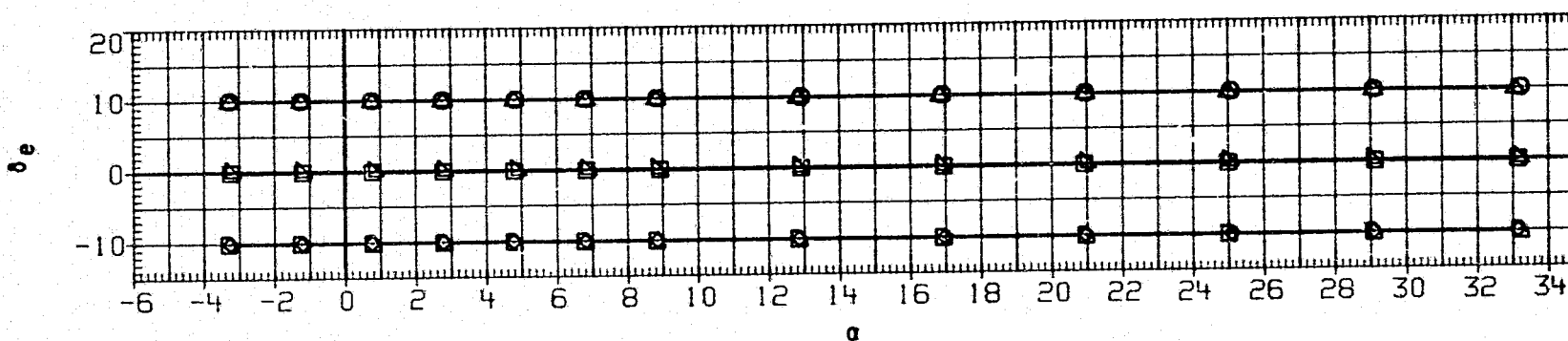
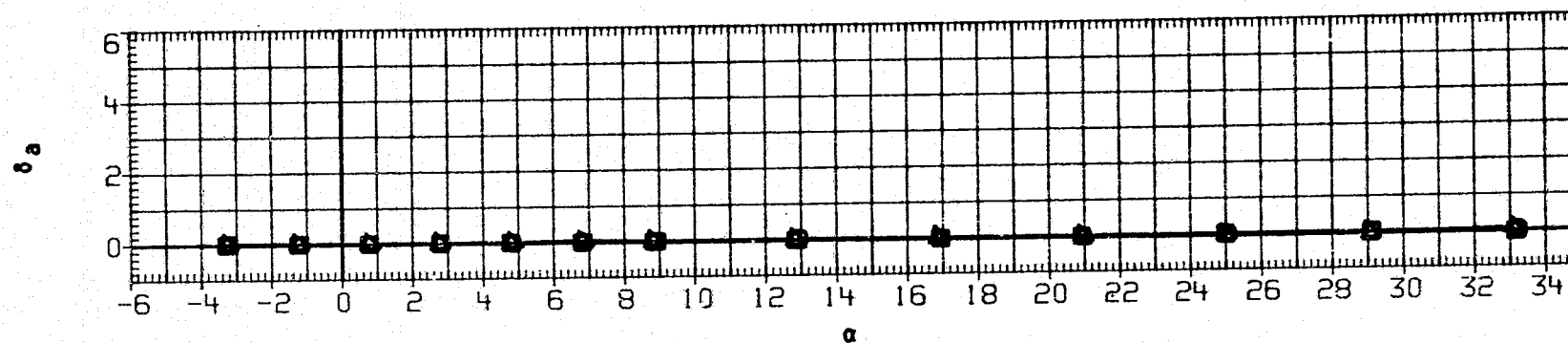
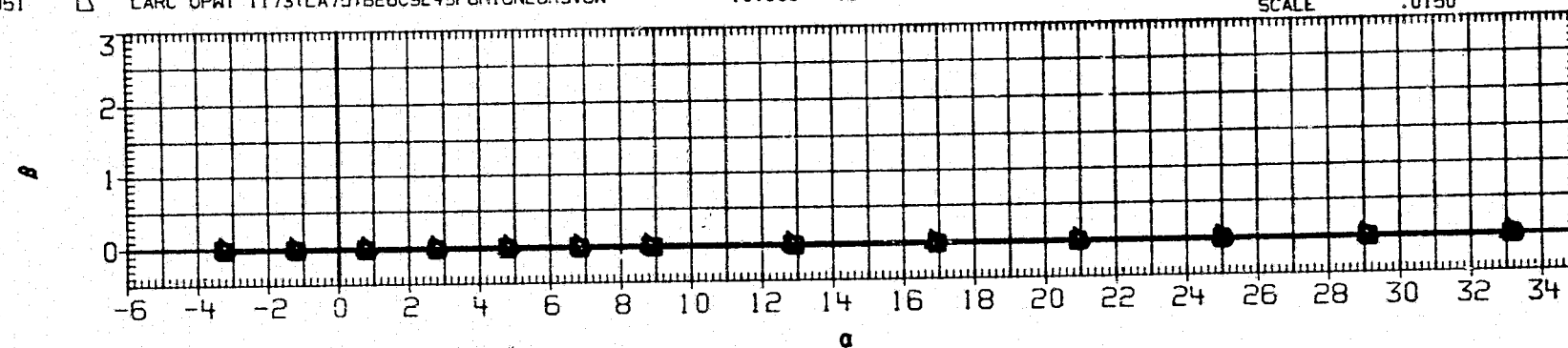


FIGURE 23(A). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

ELEVON

BDFLAP

SPDBRK

REFERENCE INFORMATION

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	22.500	52.700
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	22.500	52.700
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	22.500	52.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. YO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. YO
SCALE	.0150	

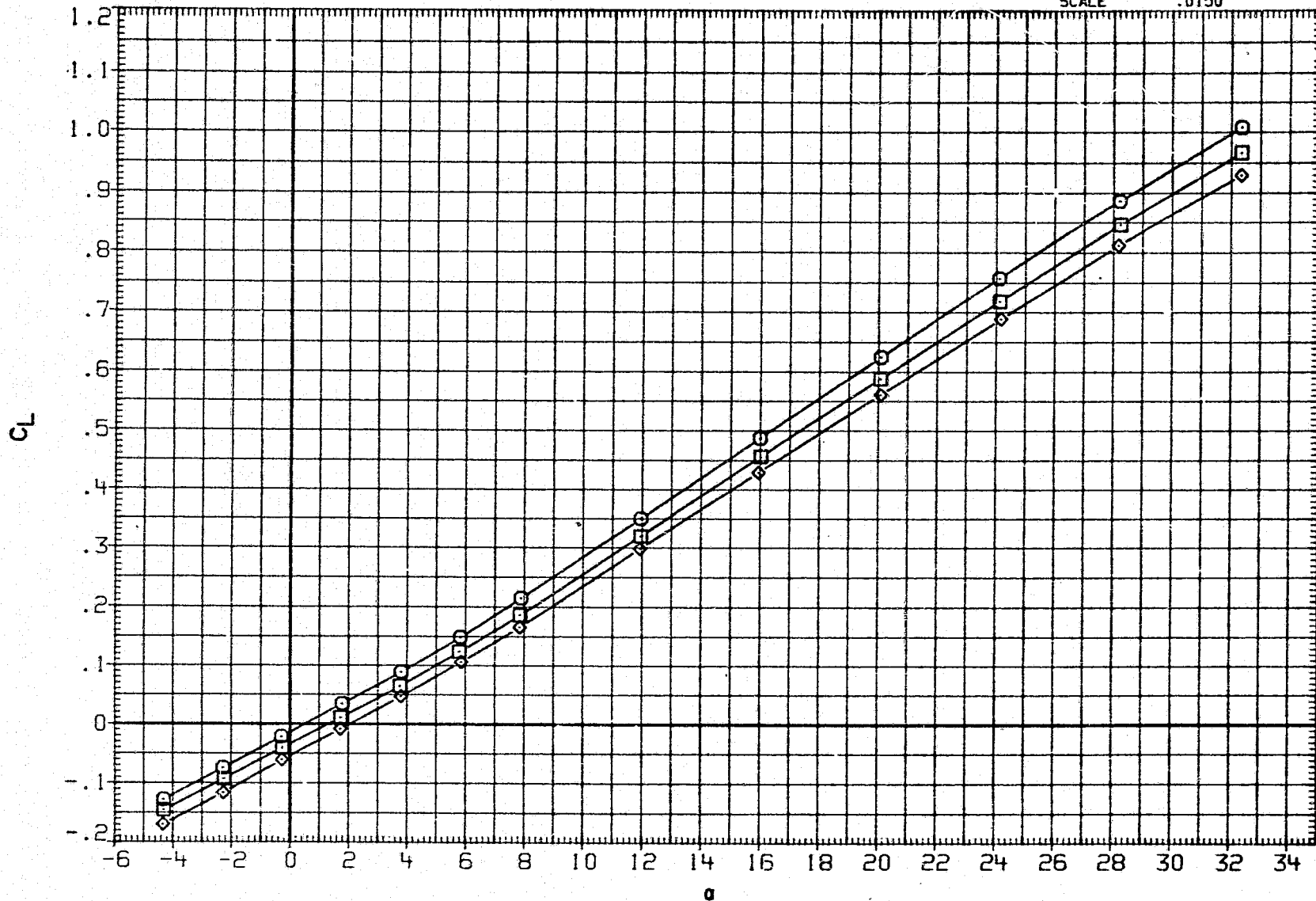


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86



DATA SET SYMBOL

CONFIGURATION

ELEVON	BDFLAP	SPOBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	935.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

RJH044	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

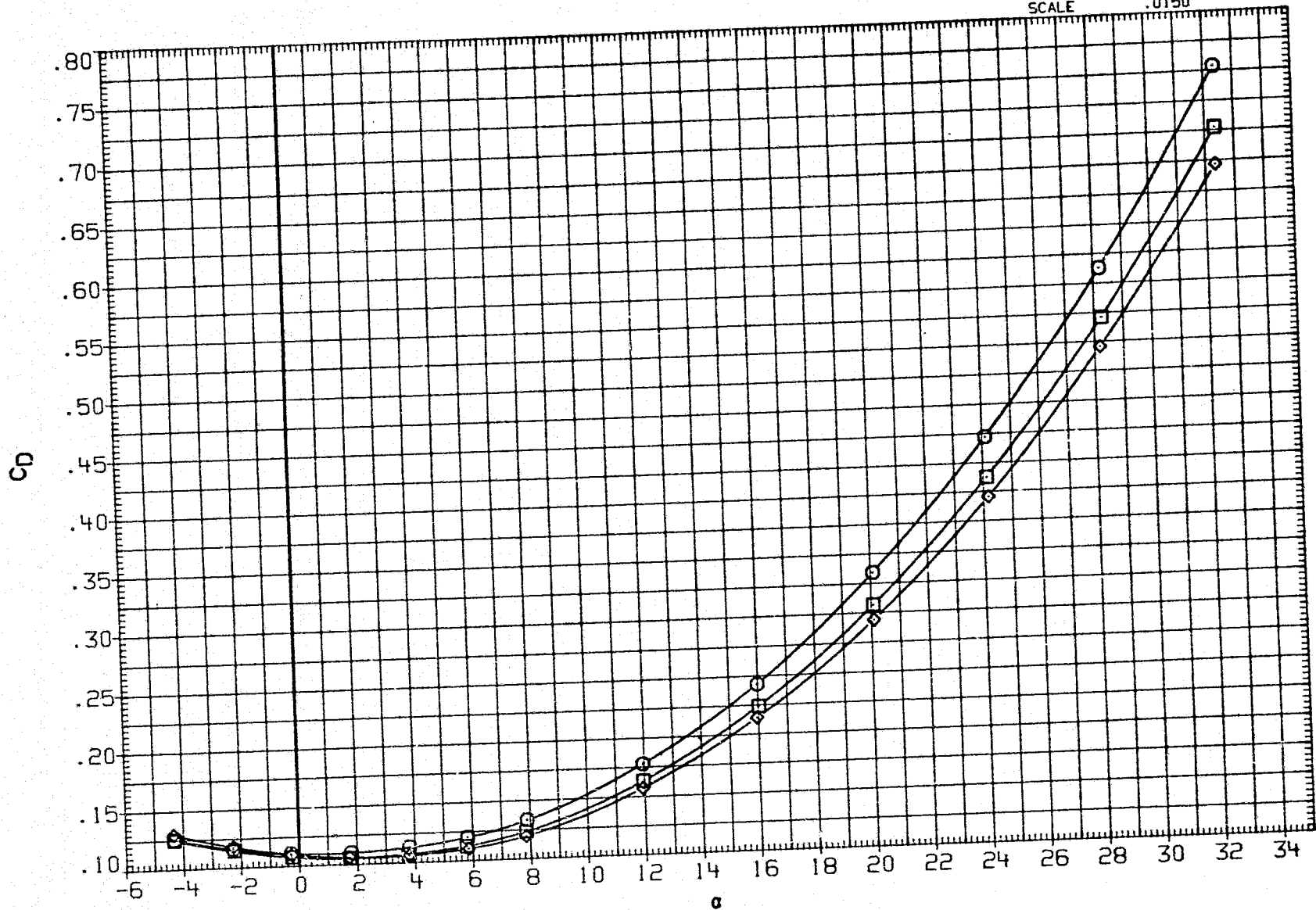


FIGURE 23(B) EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK
RJH044	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	22.500	52.700
RJH045	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	22.500	52.700
RJH046	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

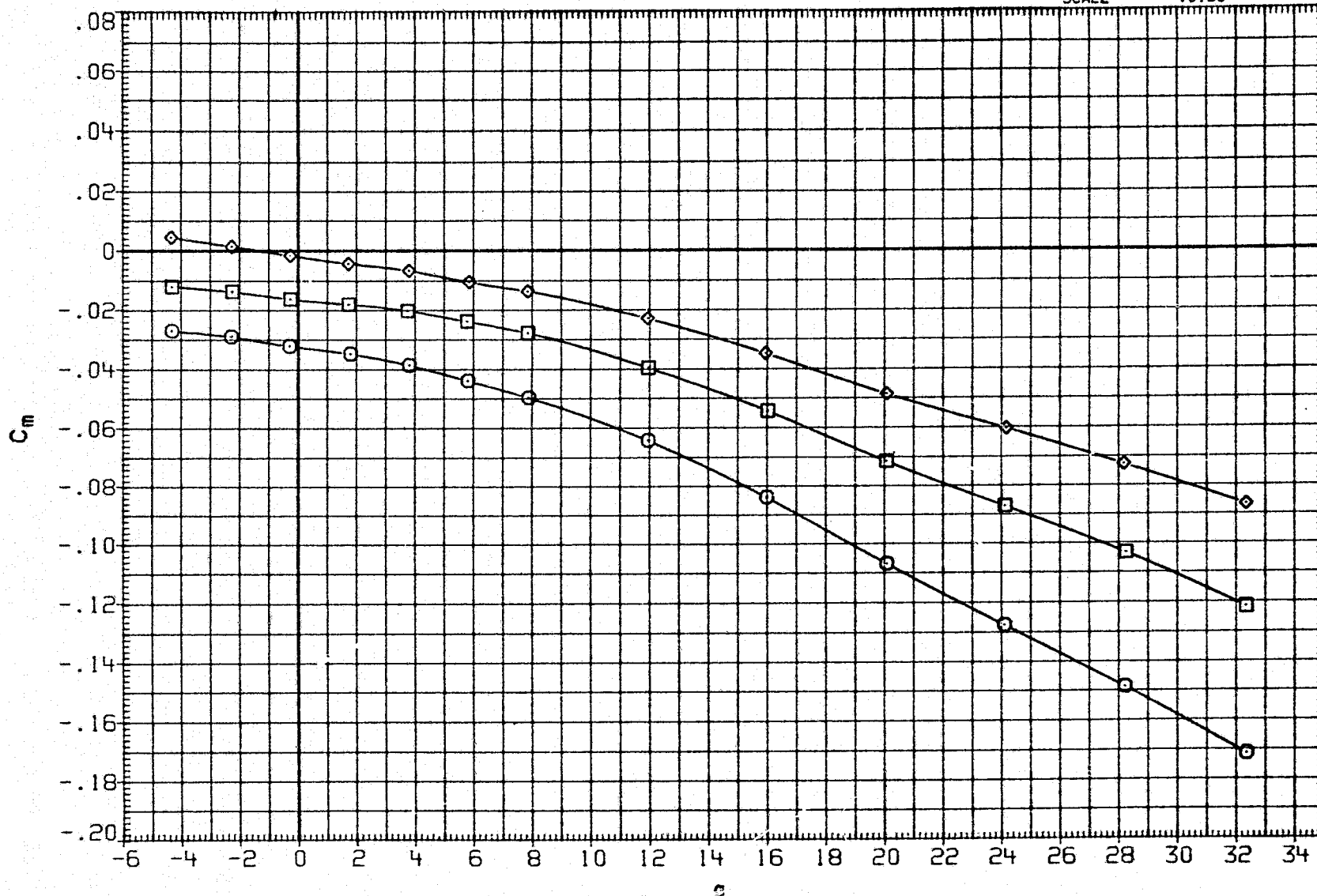


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

## DATA SET SYMBOL

RJH044  
 RJH045  
 RJH046

○  
 □  
 ◇

## CONFIGURATION

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

## ELEVON

10.000  
 .000  
 -10.000

## BDFLAP

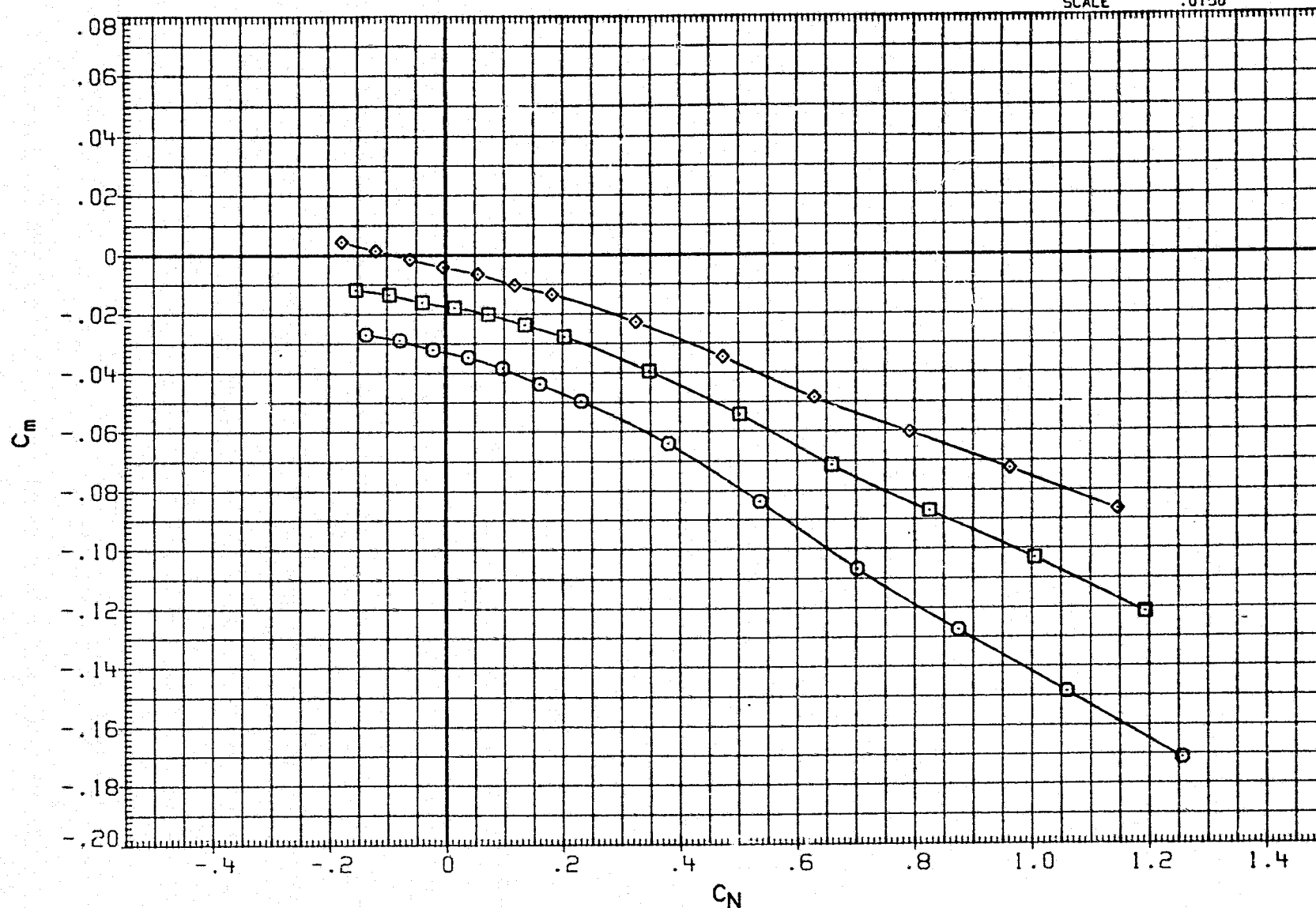
22.500  
 22.500  
 22.500

## SPDBRK

52.700  
 52.700  
 52.700

## REFERENCE INFORMATION

SREF 2690.0000 SQ. FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. XO  
 YMRP .0000 IN. YO  
 ZMRP 375.0000 IN. ZO  
 SCALE .0150



DATA SET SYMBOL

CONFIGURATION

ELEVON	BDFLAP	SPDRBK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

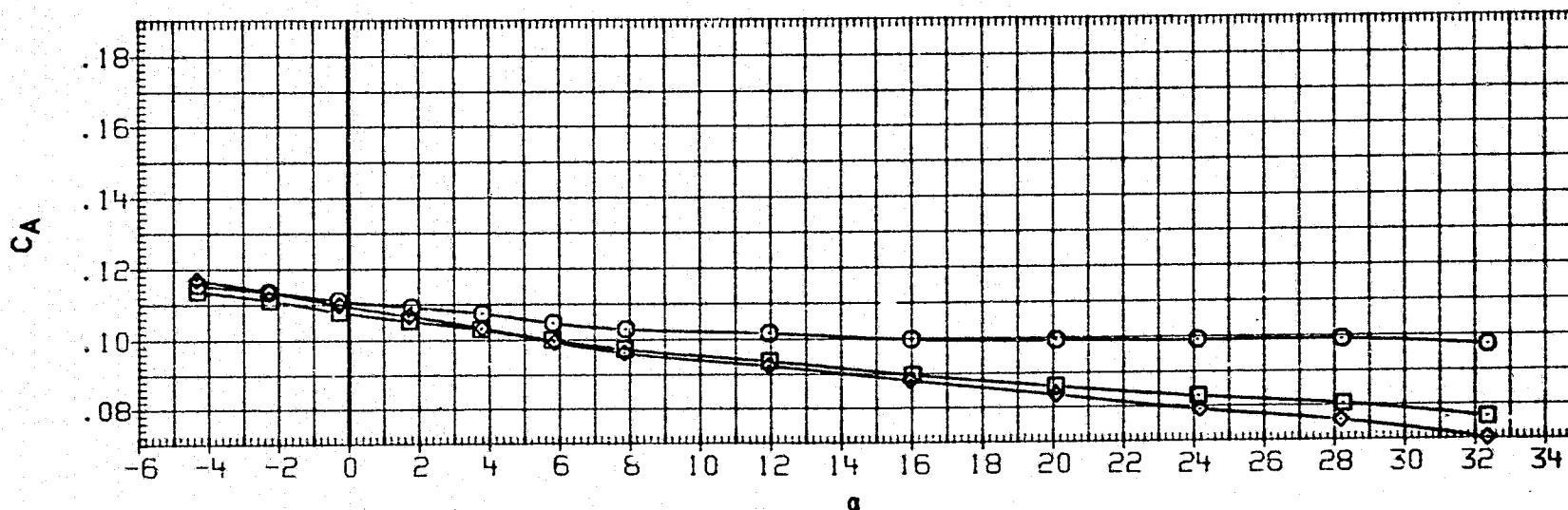
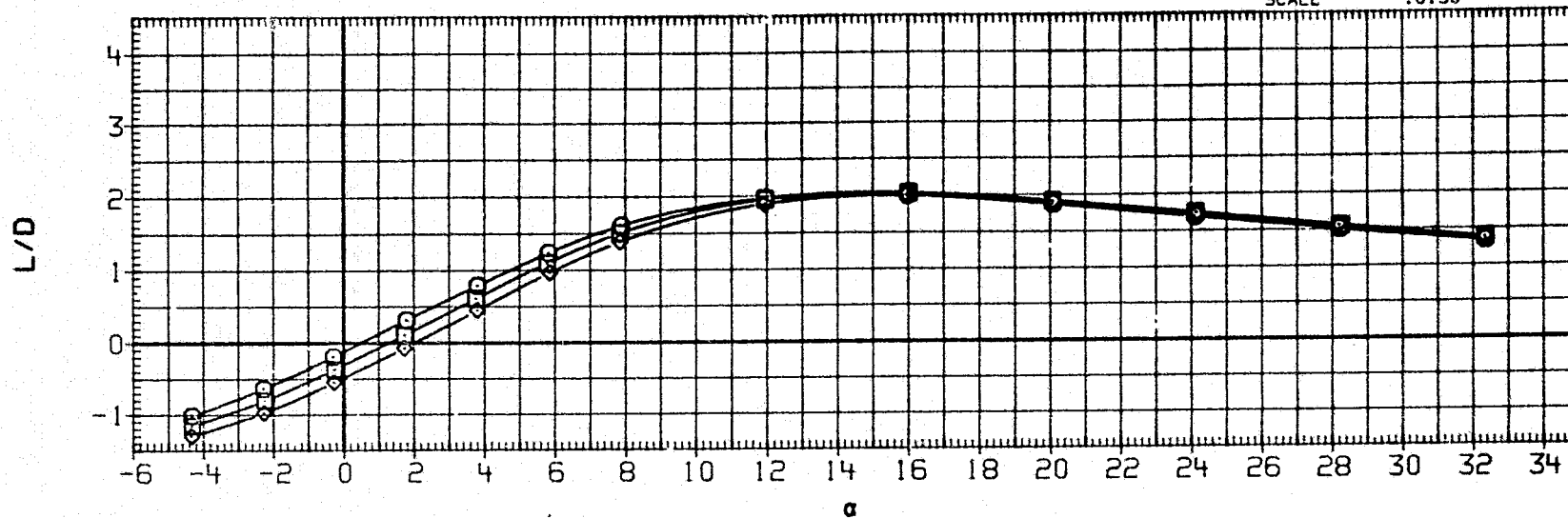


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

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DATA SET SYMBOL

CONFIGURATION

ELEVON BDFLAP SPDBRK

REFERENCE INFORMATION

RJH044 ○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH045 □ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH046 ◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

10.000 22.500 52.700  
 .000 22.500 52.700  
 -10.000 22.500 52.700

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. XO  
 YMRP .0000 IN. YO  
 ZMRP 375.0000 IN. ZO  
 SCALE .0150

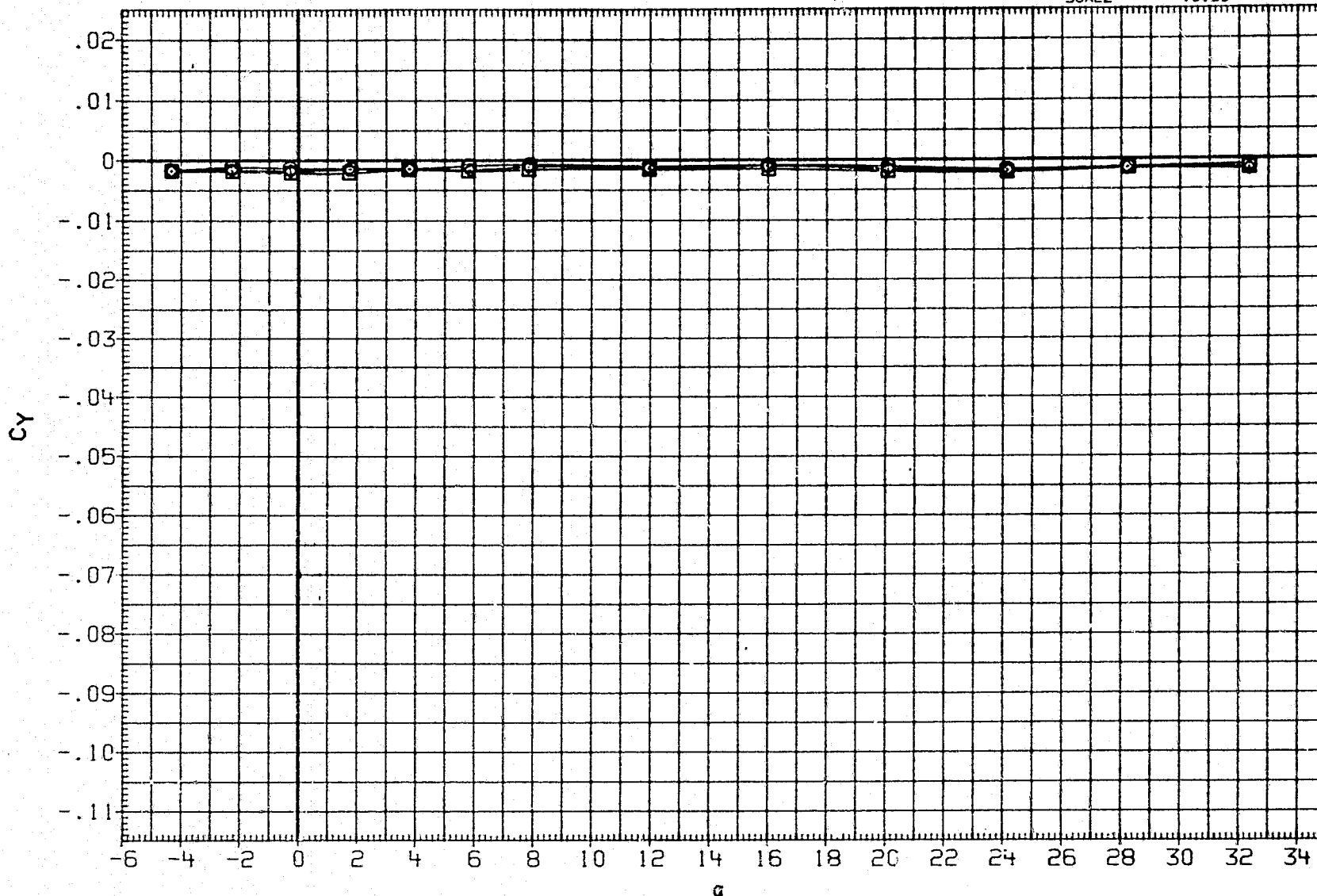


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

DATA SET SYMBOL

RJH044 ○  
 RJH045 □  
 RJH046 ◇

CONFIGURATION

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ELEVON

10.000  
 .000  
 -10.000

BDFLAP

22.500  
 22.500  
 22.500

SPDBRK

52.700  
 52.700  
 52.700

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 SREF 936.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

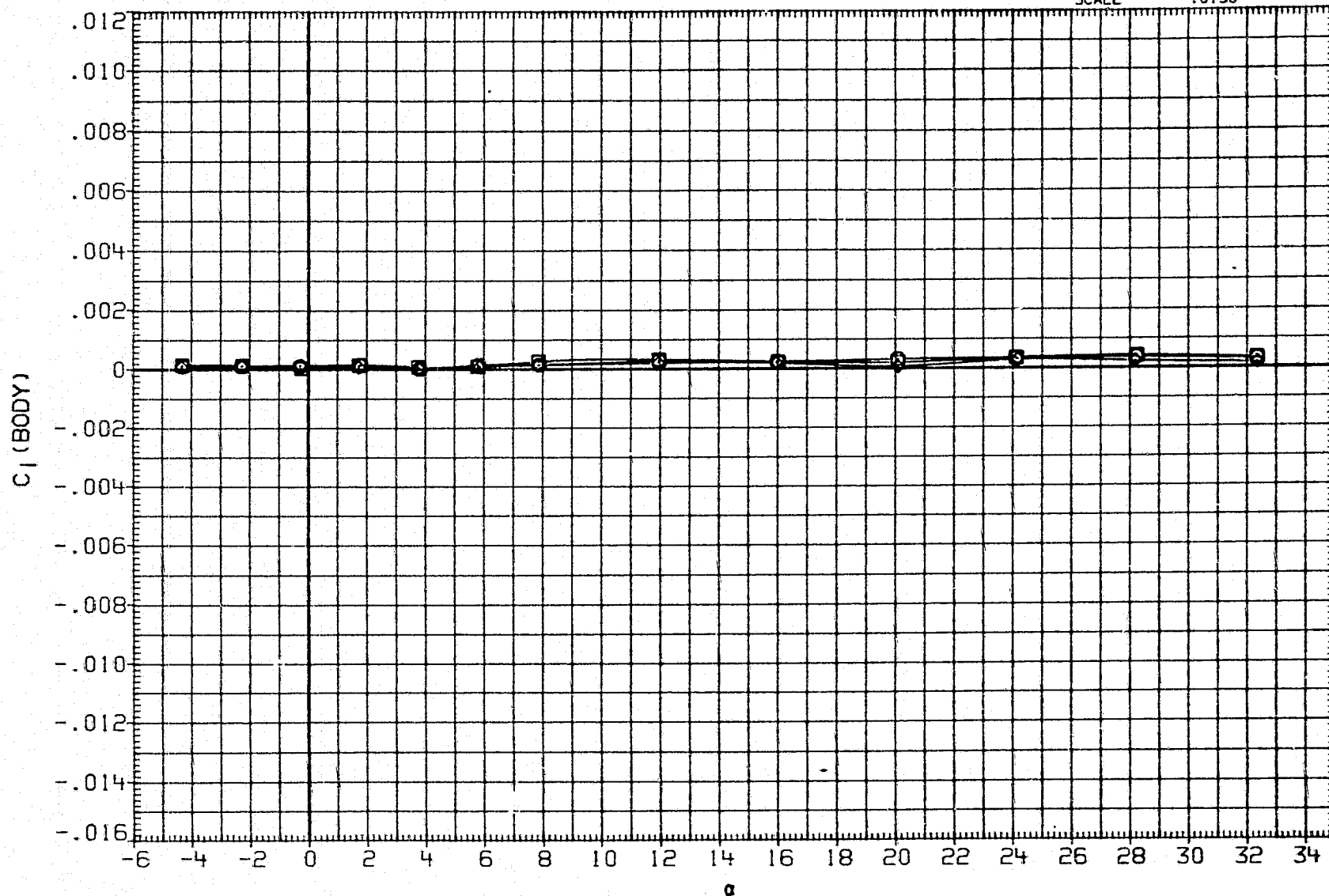


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

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REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

DATA SET SYMBOL

CONFIGURATION

ELEVON	BDFLAP	SPOBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

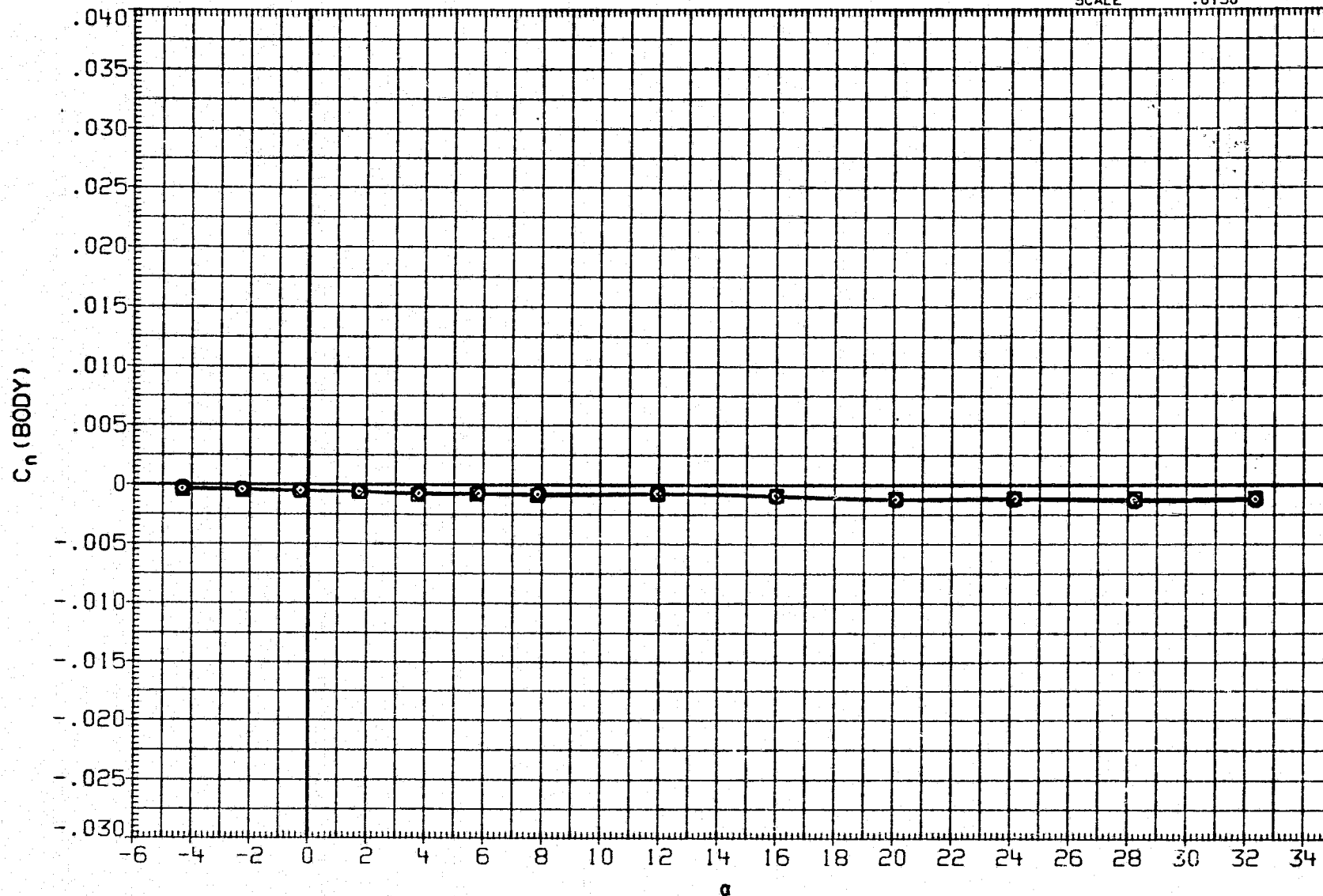


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET	SYMBOL	CONFIGURATION	ELEVON	BDFLAP	SPDBRK
RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	22.500	52.700
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	22.500	52.700
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ. FT.
LREF	474.9000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

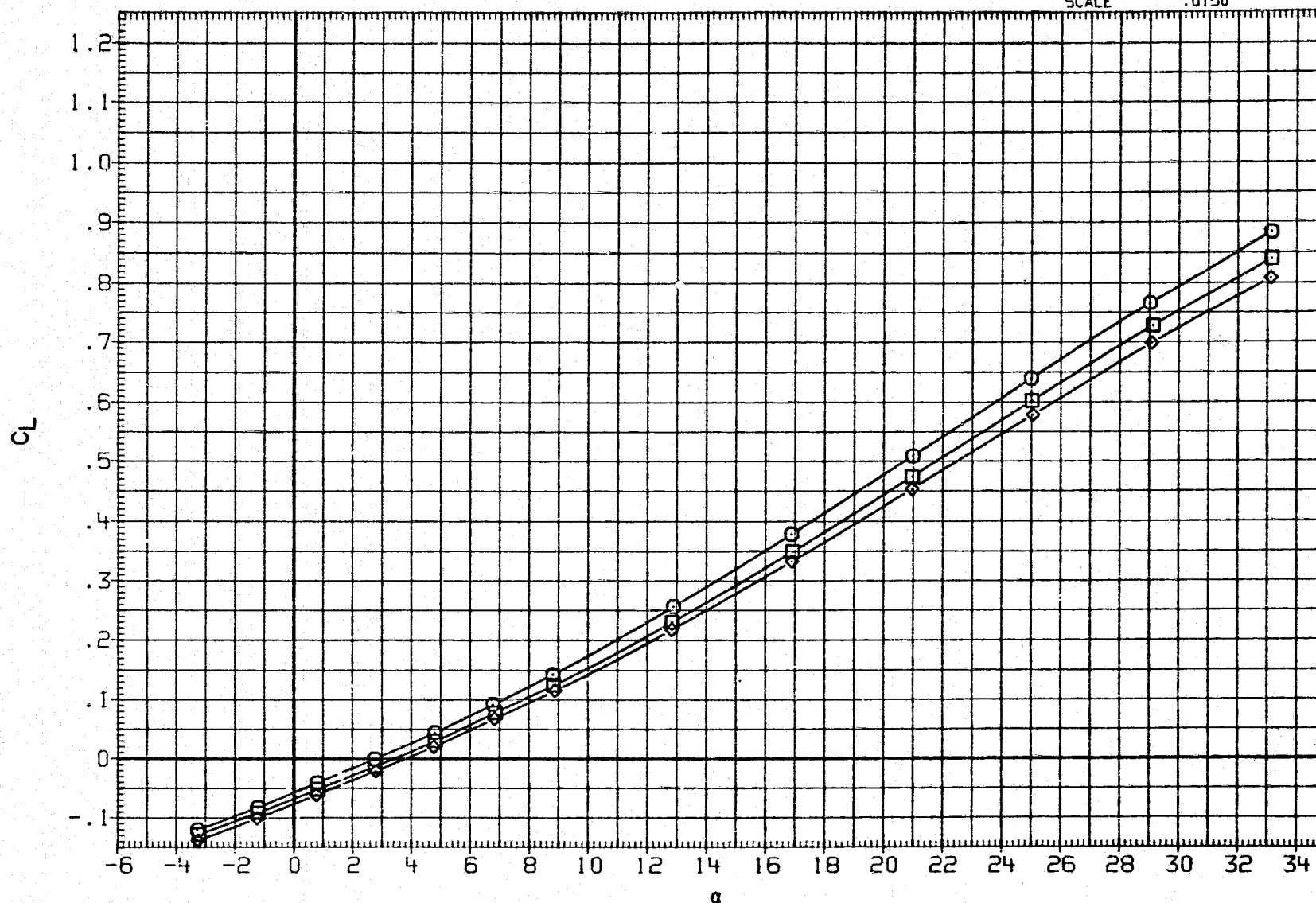


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60



DATA SET SYMBOL	CONFIGURATION
RJH044	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ELEVON	BDFLAP	SPDBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

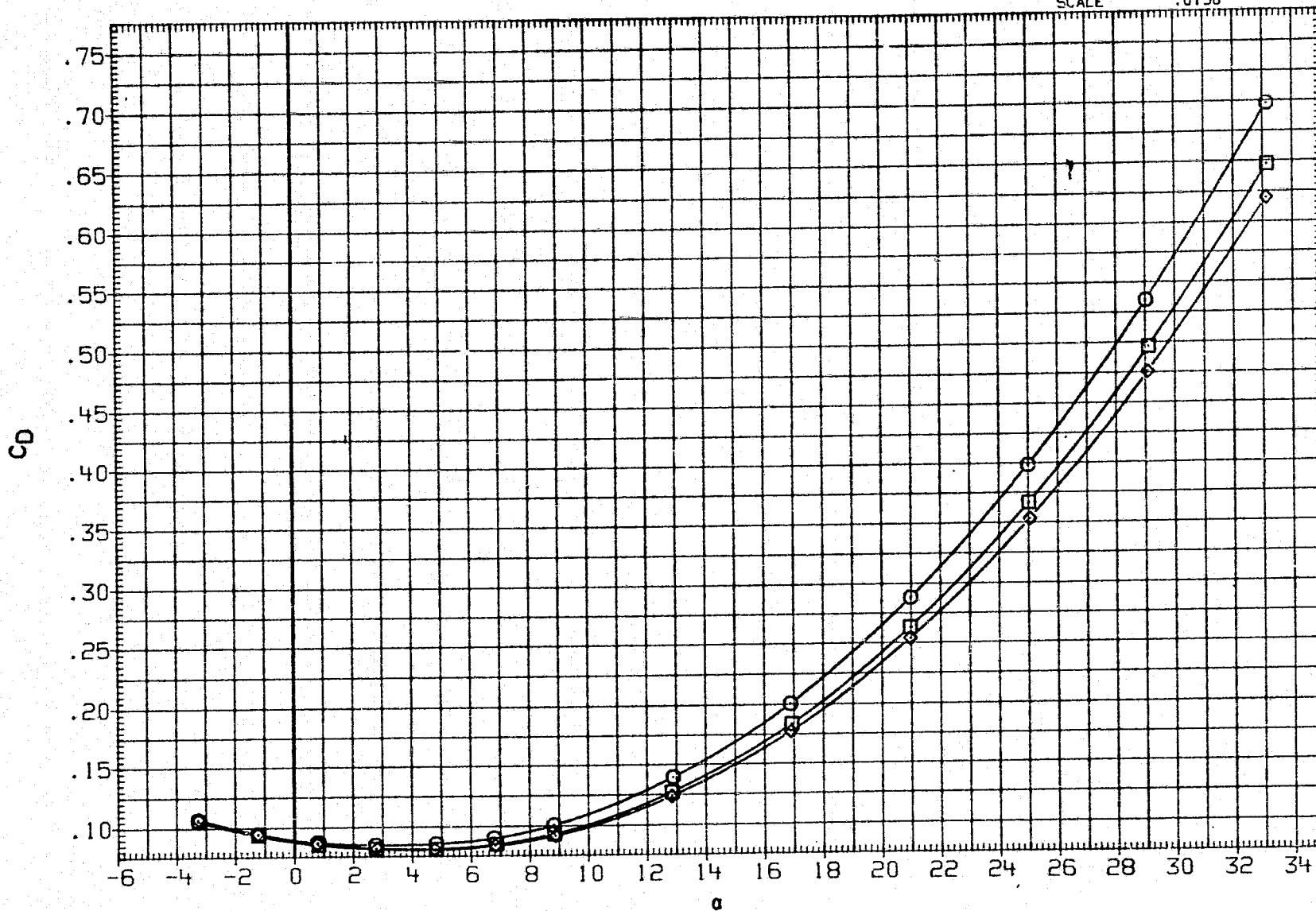


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

## DATA SET SYMBOL

## CONFIGURATION

ELEVON

BDFLAP

SPDBRK

## REFERENCE INFORMATION

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

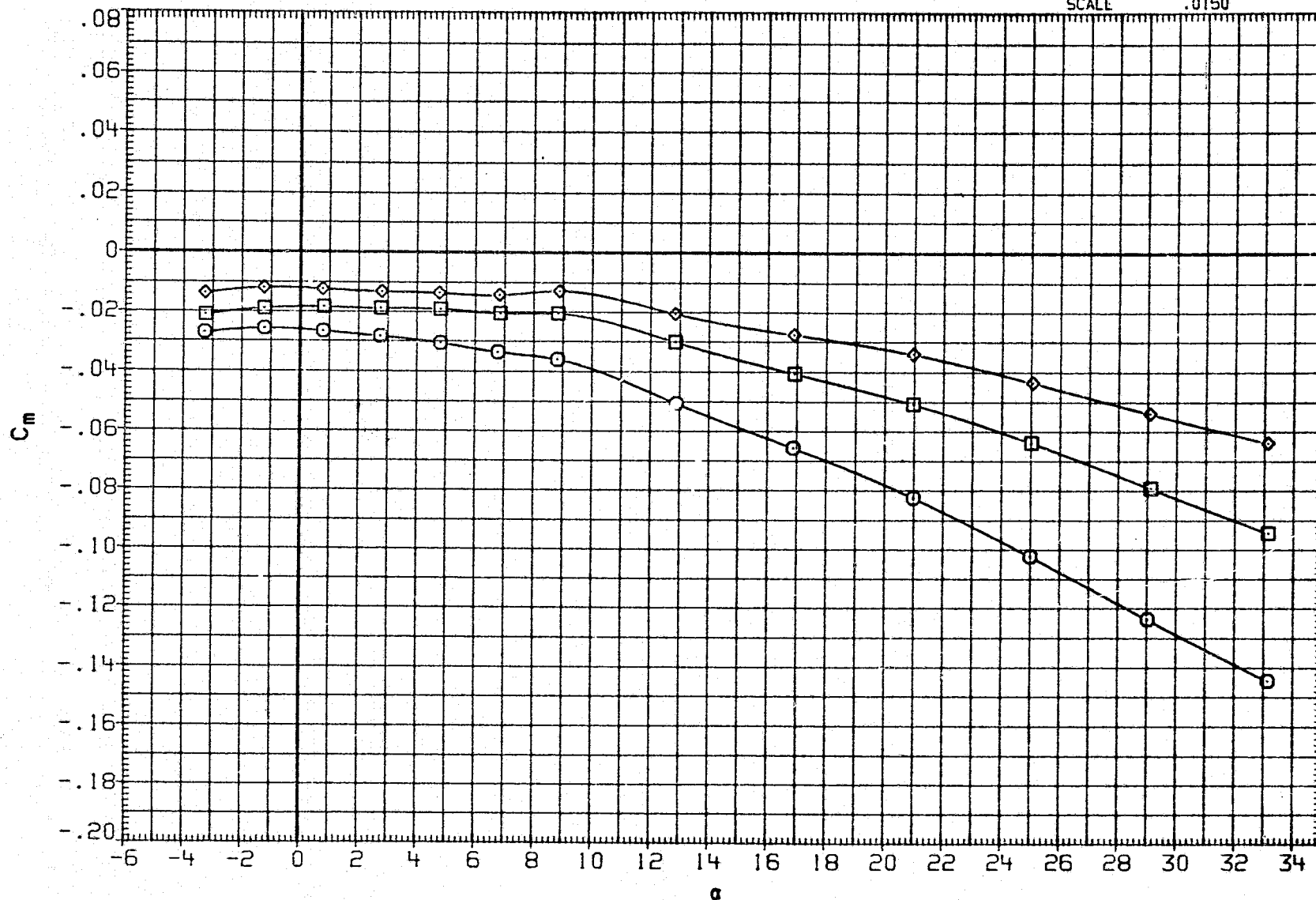


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

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## DATA SET SYMBOL

## CONFIGURATION

ELEVON	BDFLAP	SPOBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

## REFERENCE INFORMATION

SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

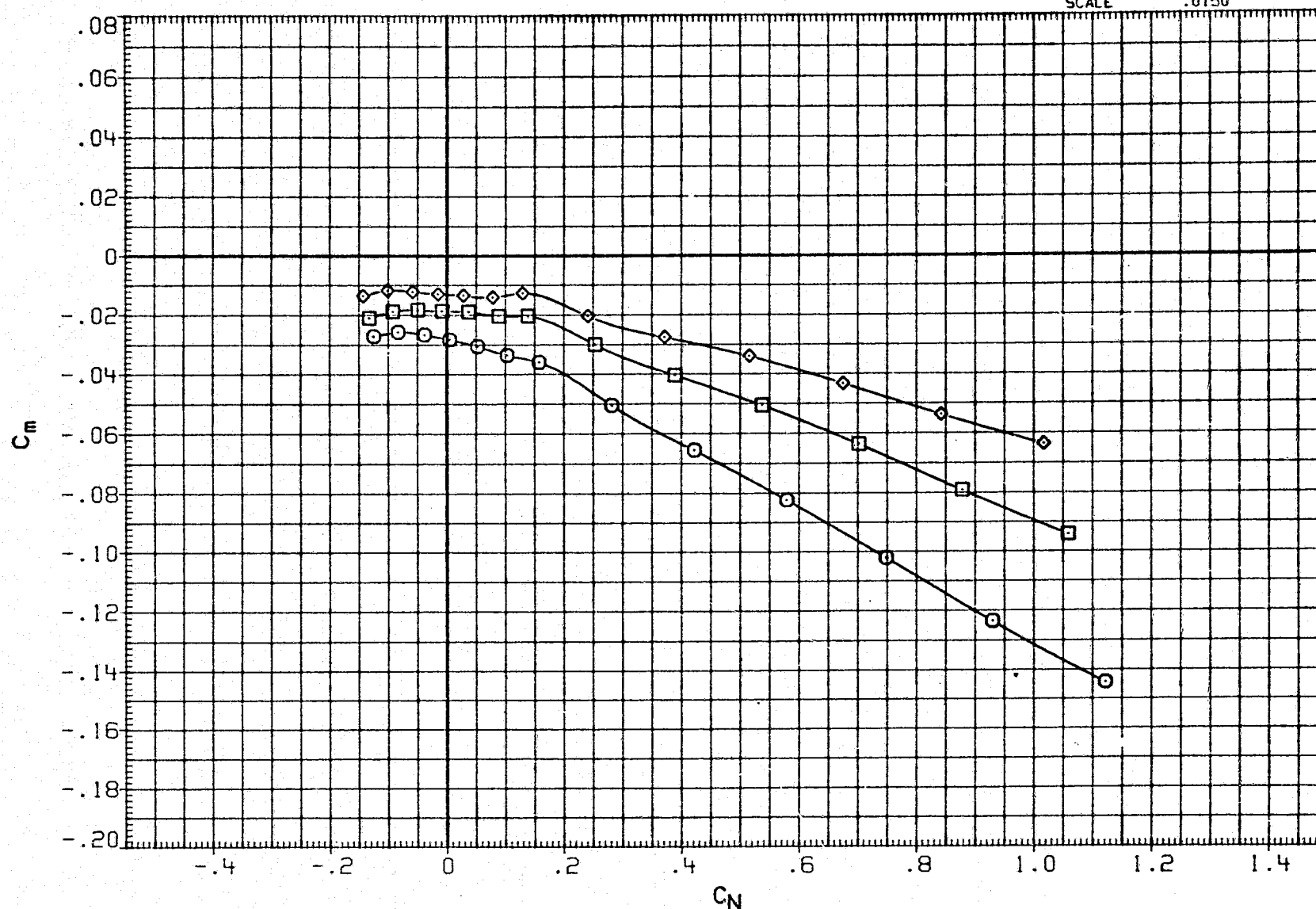


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

DATA SET SYMBOL

CONFIGURATION

ELEVON

BOFLAP

SPDBRK

REFERENCE INFORMATION

RJH044 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH045 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH046 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

10.000 22.500 52.700  
 .000 22.500 52.700  
 -10.000 22.500 52.700

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 BREF 936.6800 INCHES  
 XMRP 1076.7000 IN. XO  
 YMRP .0000 IN. YO  
 ZMRP 375.0000 IN. ZO  
 SCALE .0150

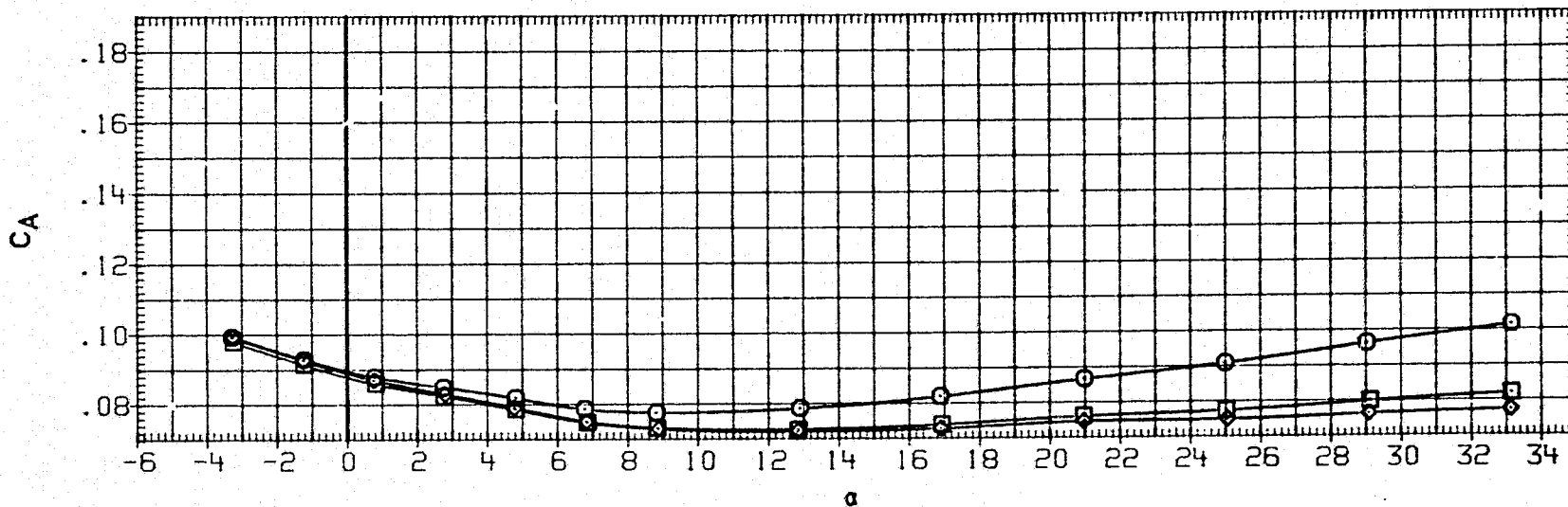
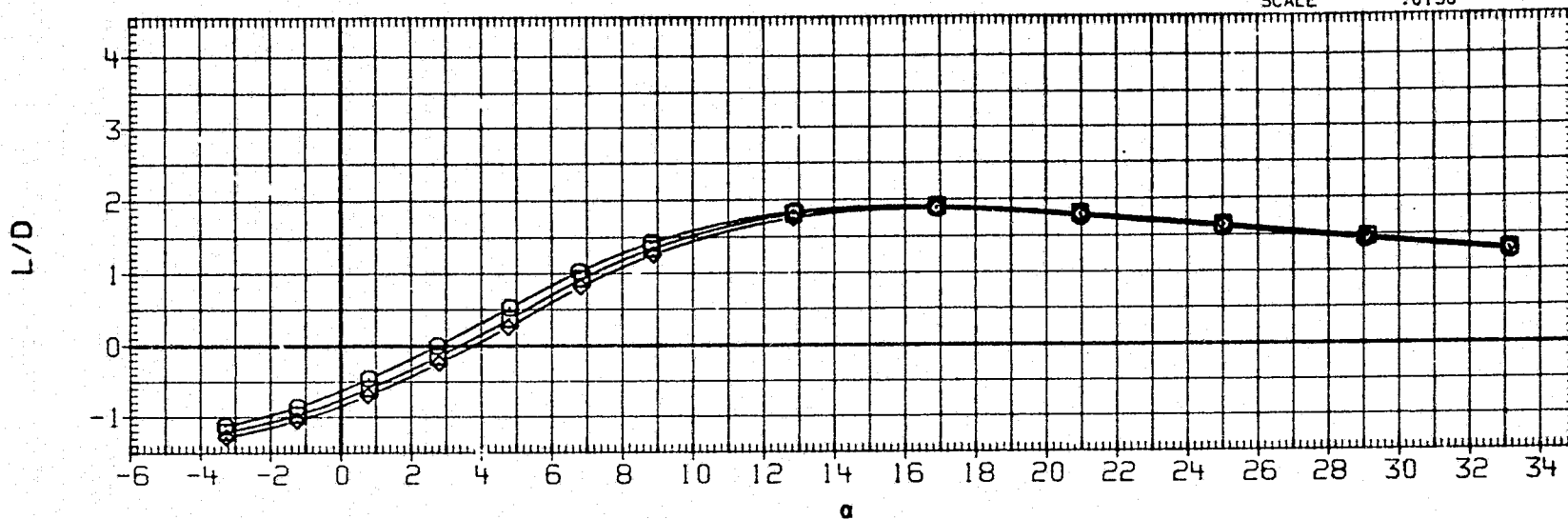


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

CONFIGURATION

ELEVON BDFLAP SPOBRK

REFERENCE INFORMATION

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	10.000	22.500	52.700
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	22.500	52.700
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	-10.000	22.500	52.700

SREF	2690.0000	50.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

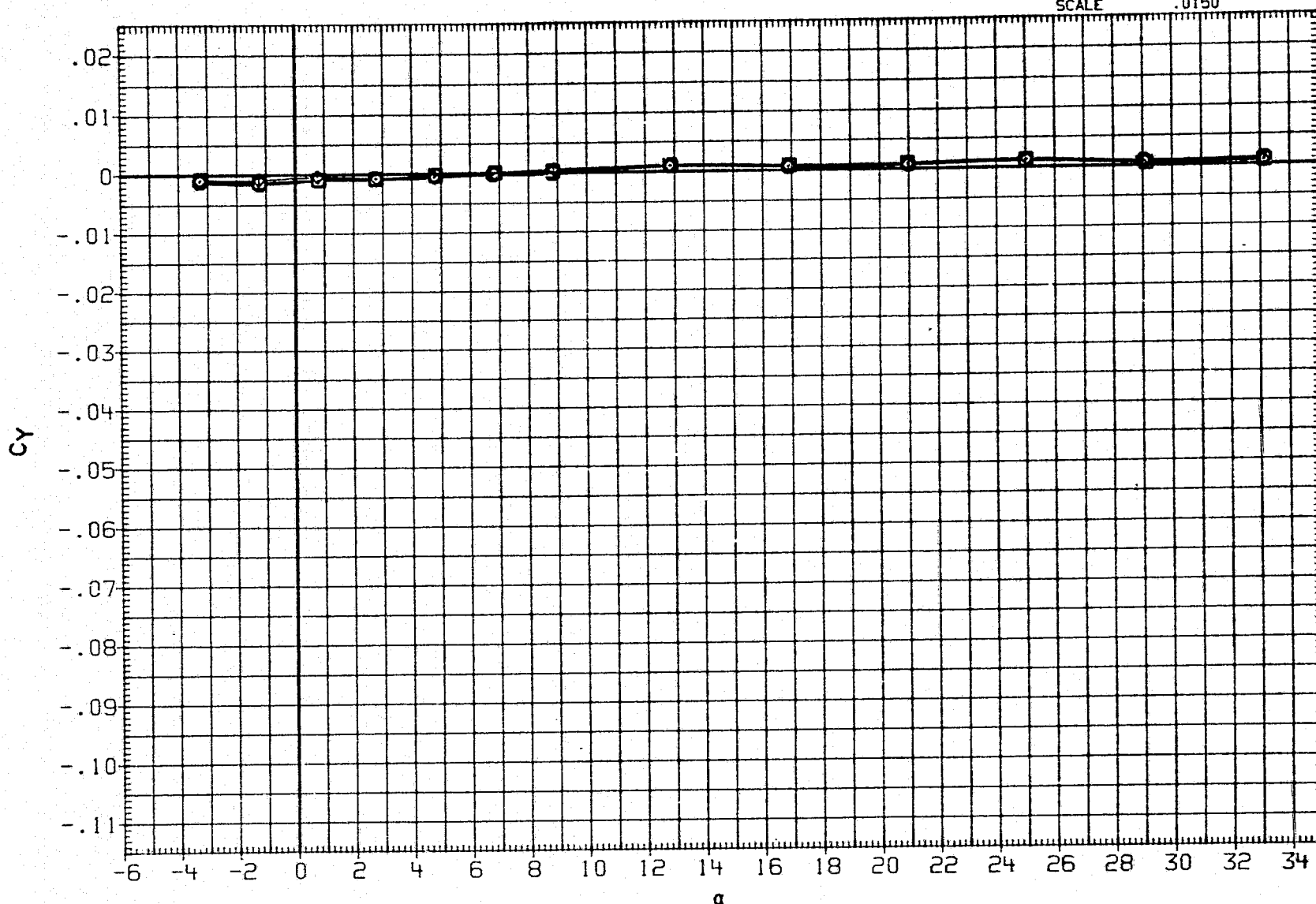


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

RJH044  
RJH045  
RJH046

○  
□  
◇

CONFIGURATION  
LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

ELEVON	BDFLAP	SPDBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

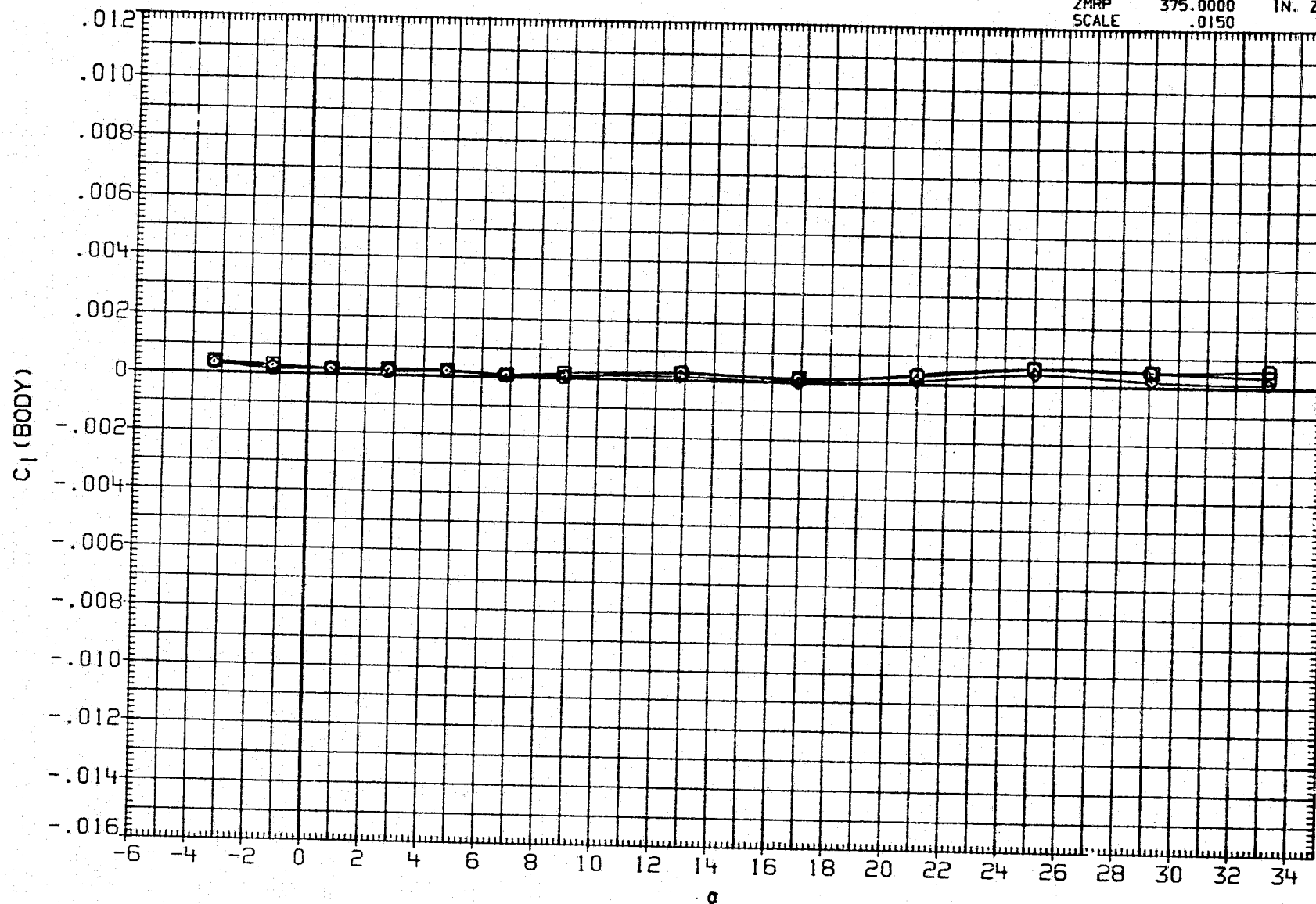


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

CONFIGURATION

ELEVON	BOFLAP	SPDBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

RJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

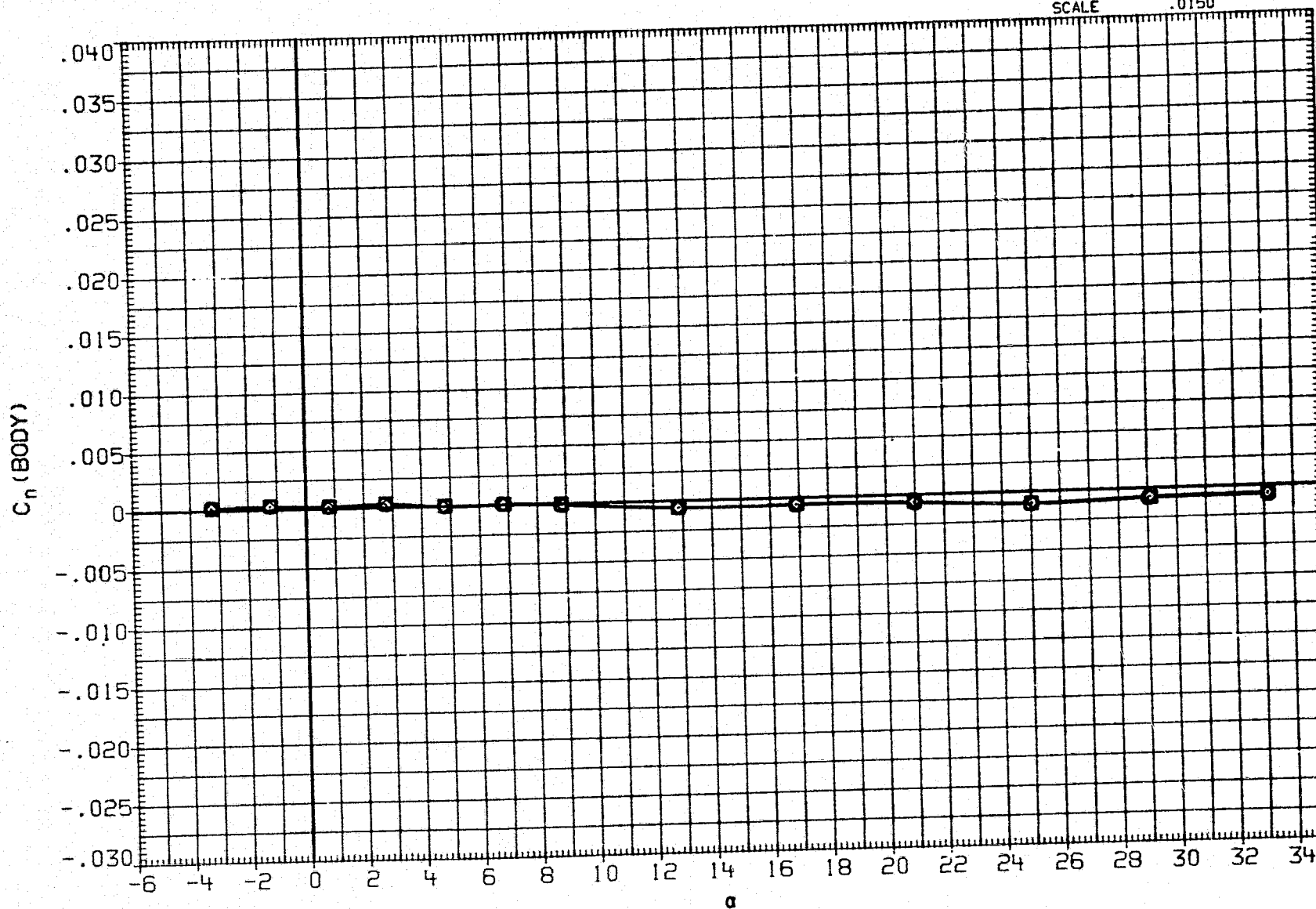


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET SYMBOL

CONFIGURATION

SJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	ELEVON	10.000	BDFLAP	22.500	SPDBRK	52.700
SJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W		.000		22.500		52.700
SJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W		-10.000		22.500		52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

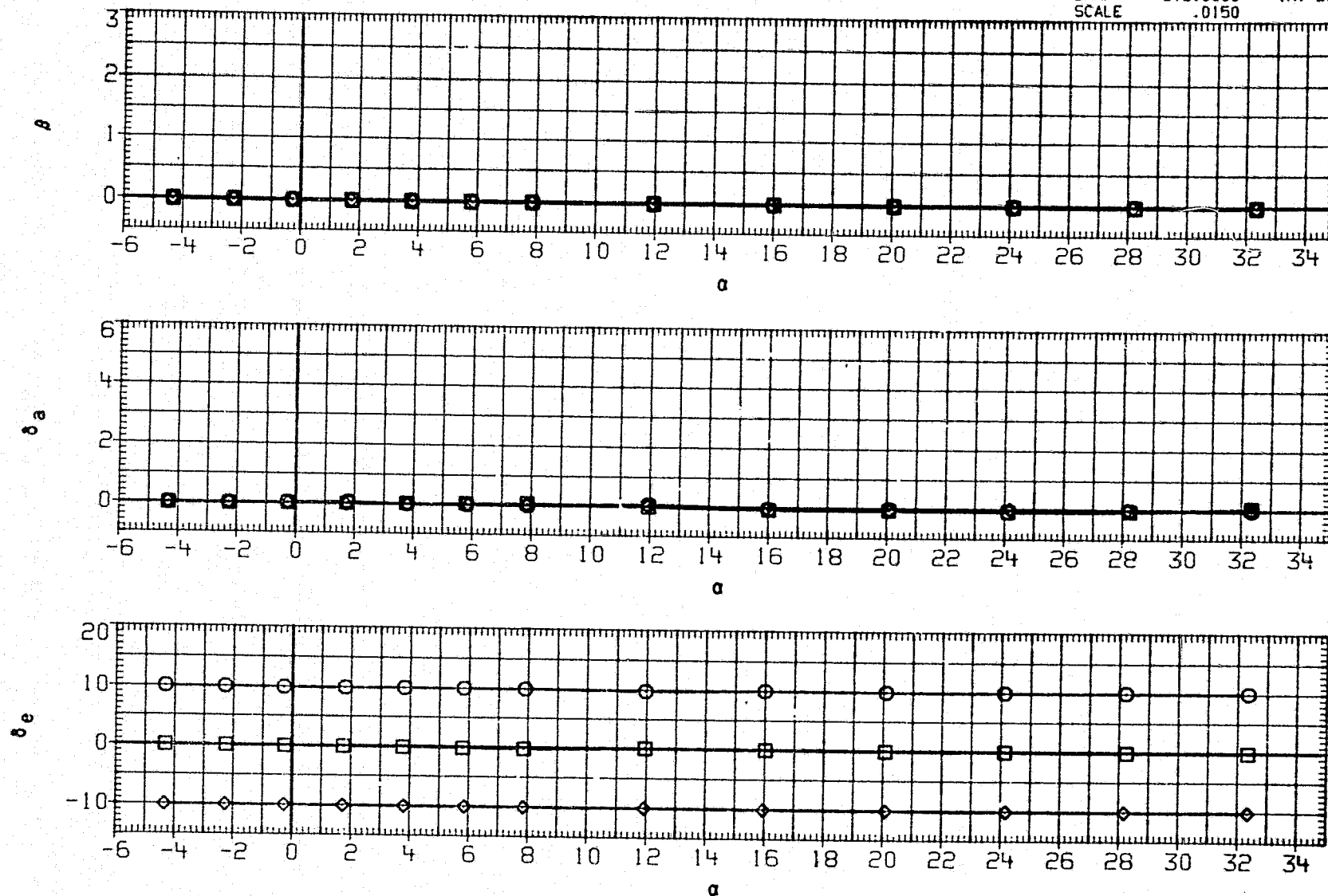


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(A) MACH = 2.86

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR



DATA SET SYMBOL

CONFIGURATION

ELEVON	BOFLAP	SPDBRK
10.000	22.500	52.700
.000	22.500	52.700
-10.000	22.500	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

SJH044	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
SJH045	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
SJH046	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

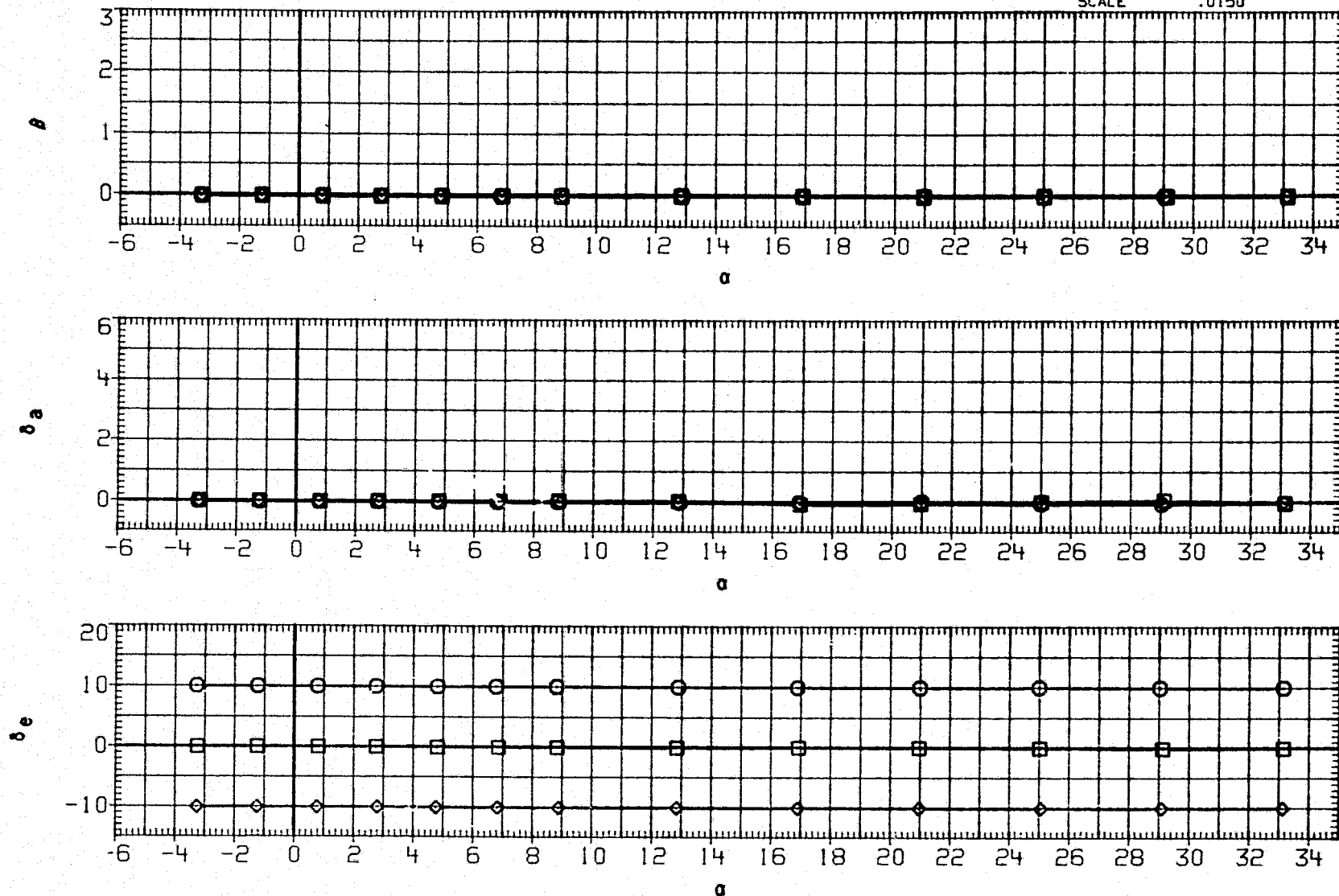


FIGURE 23(B). EFFECT OF BODY FLAP DEFLECTION ON ELEVON EFFECTIVENESS

(B) MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	SQ.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

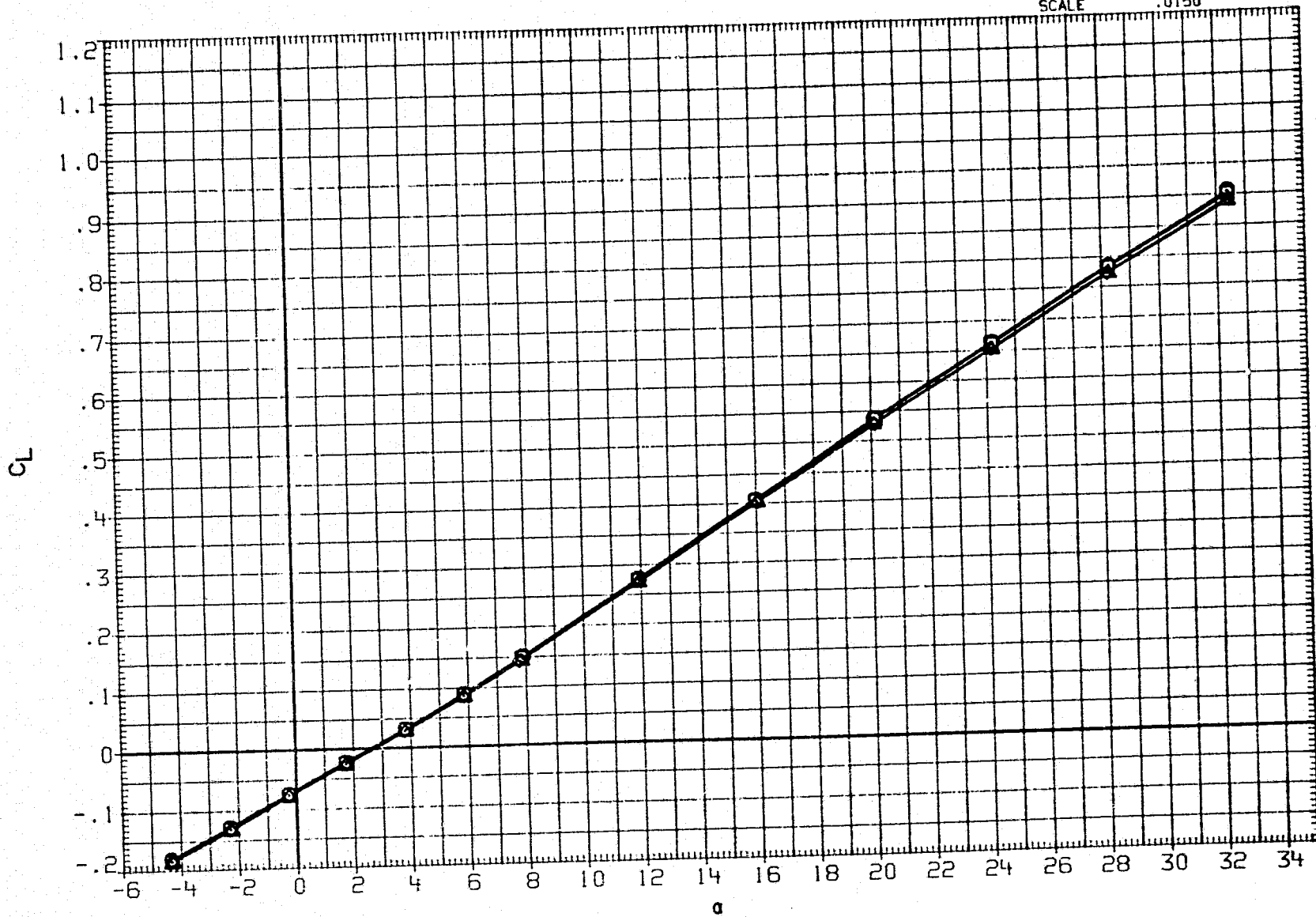


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
 BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50. FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

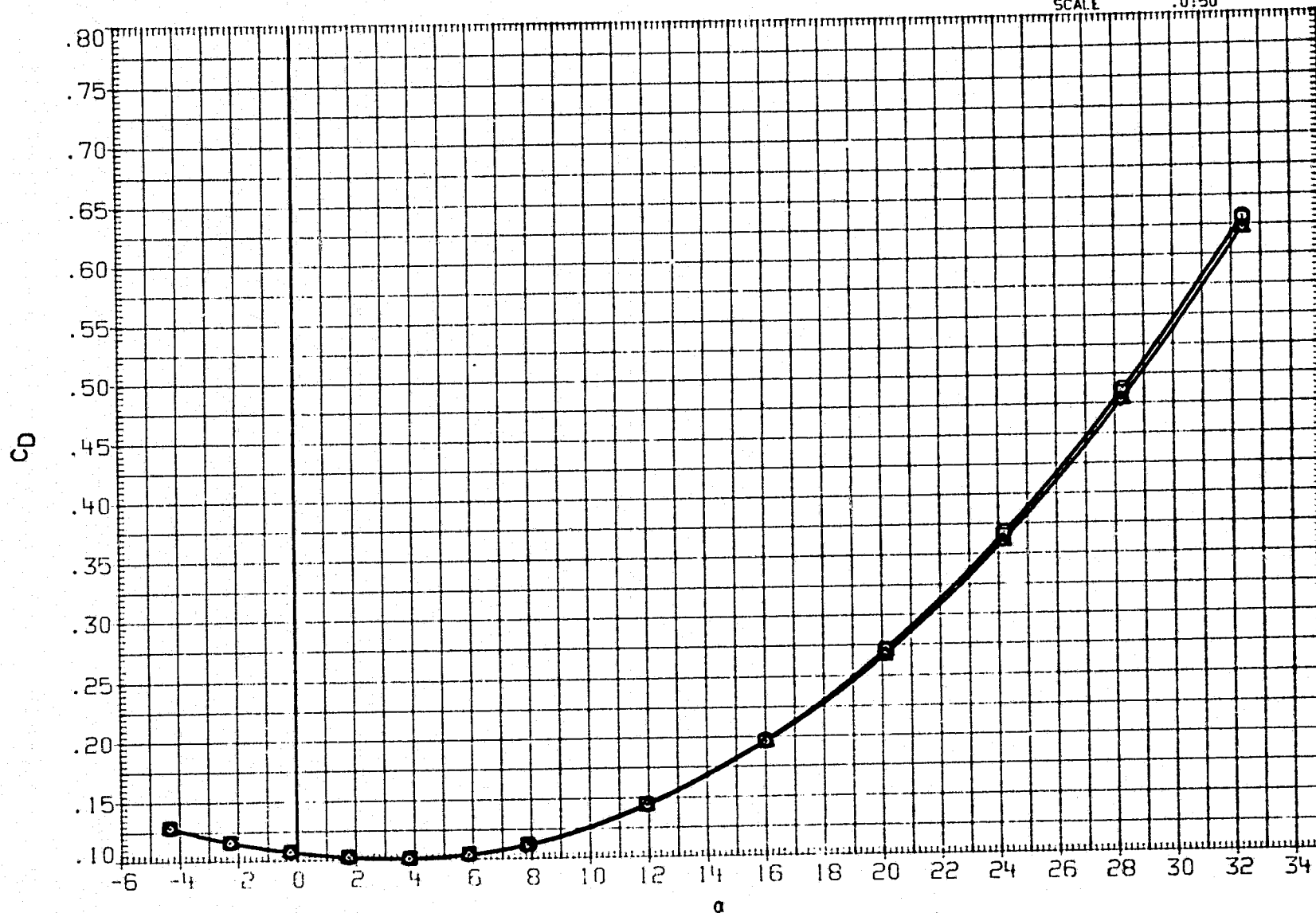


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

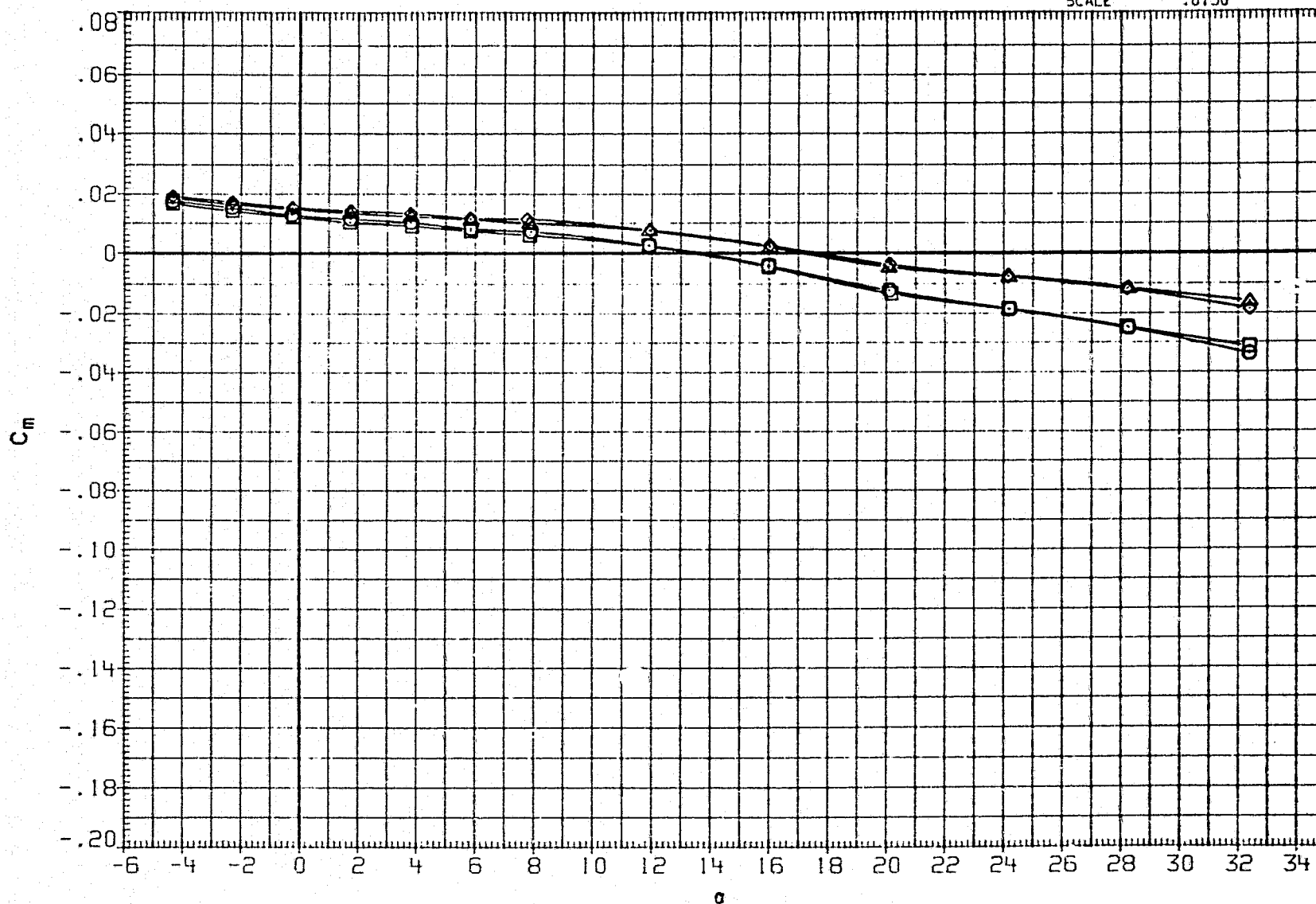


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50. FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

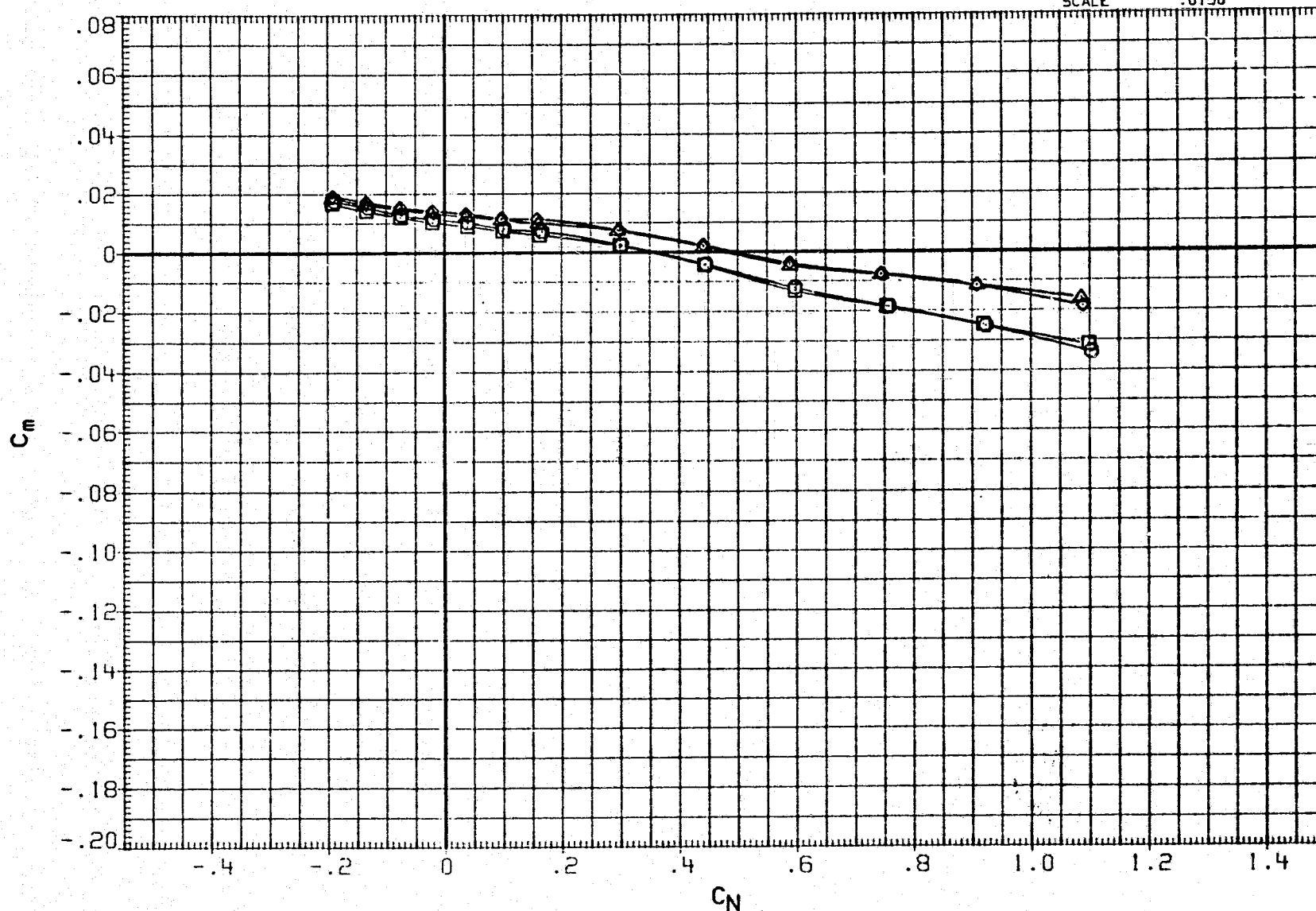


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	SQ.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

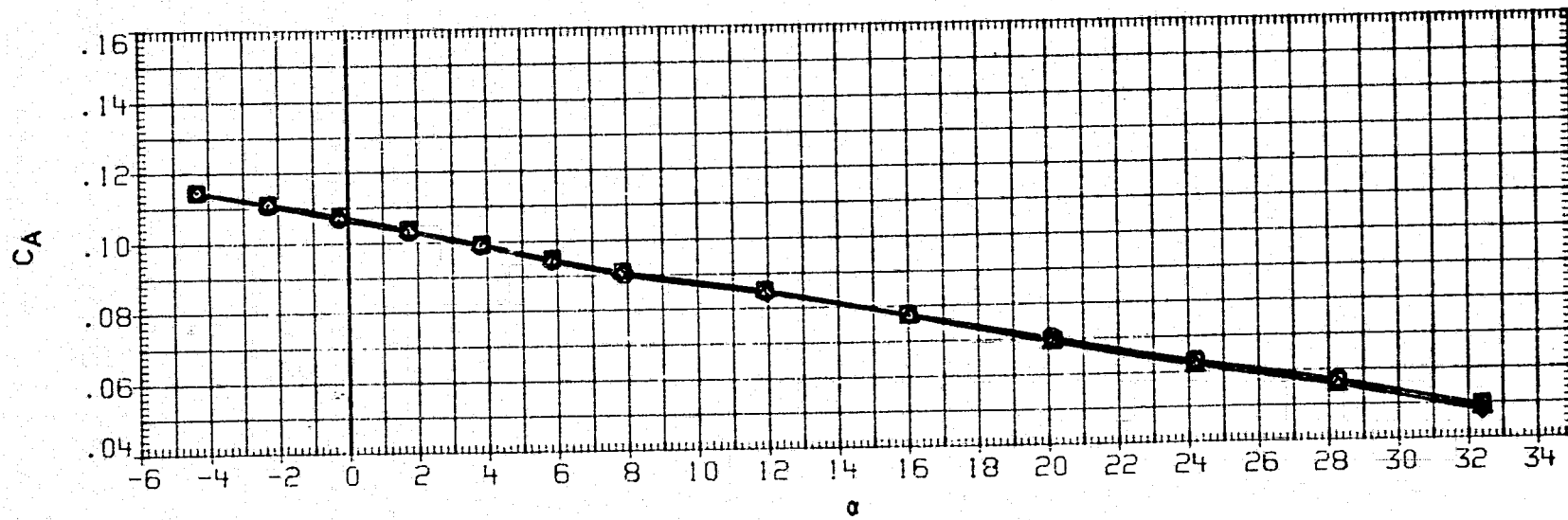
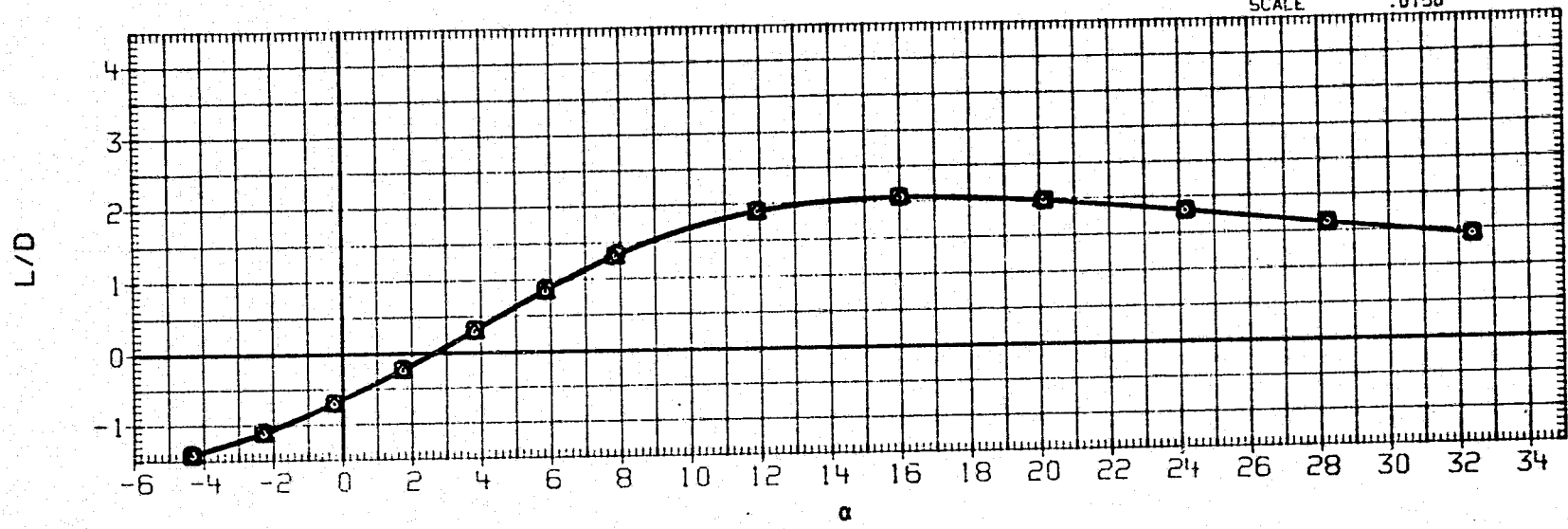


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON, BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
							YMRP	.0000	IN. YO
							ZMRP	375.0000	IN. ZO
							SCALE	.0150	

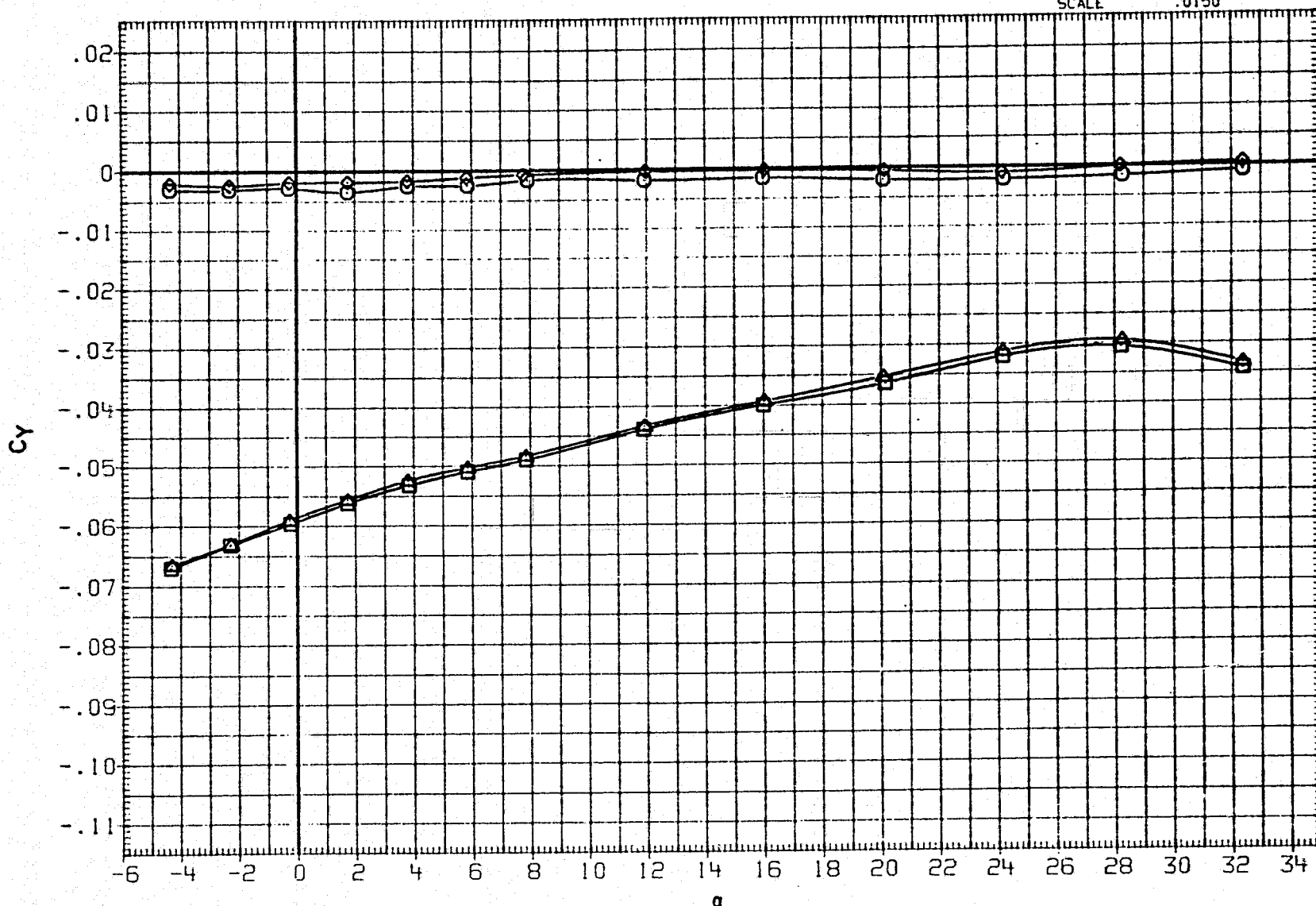


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPOBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	SQ.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

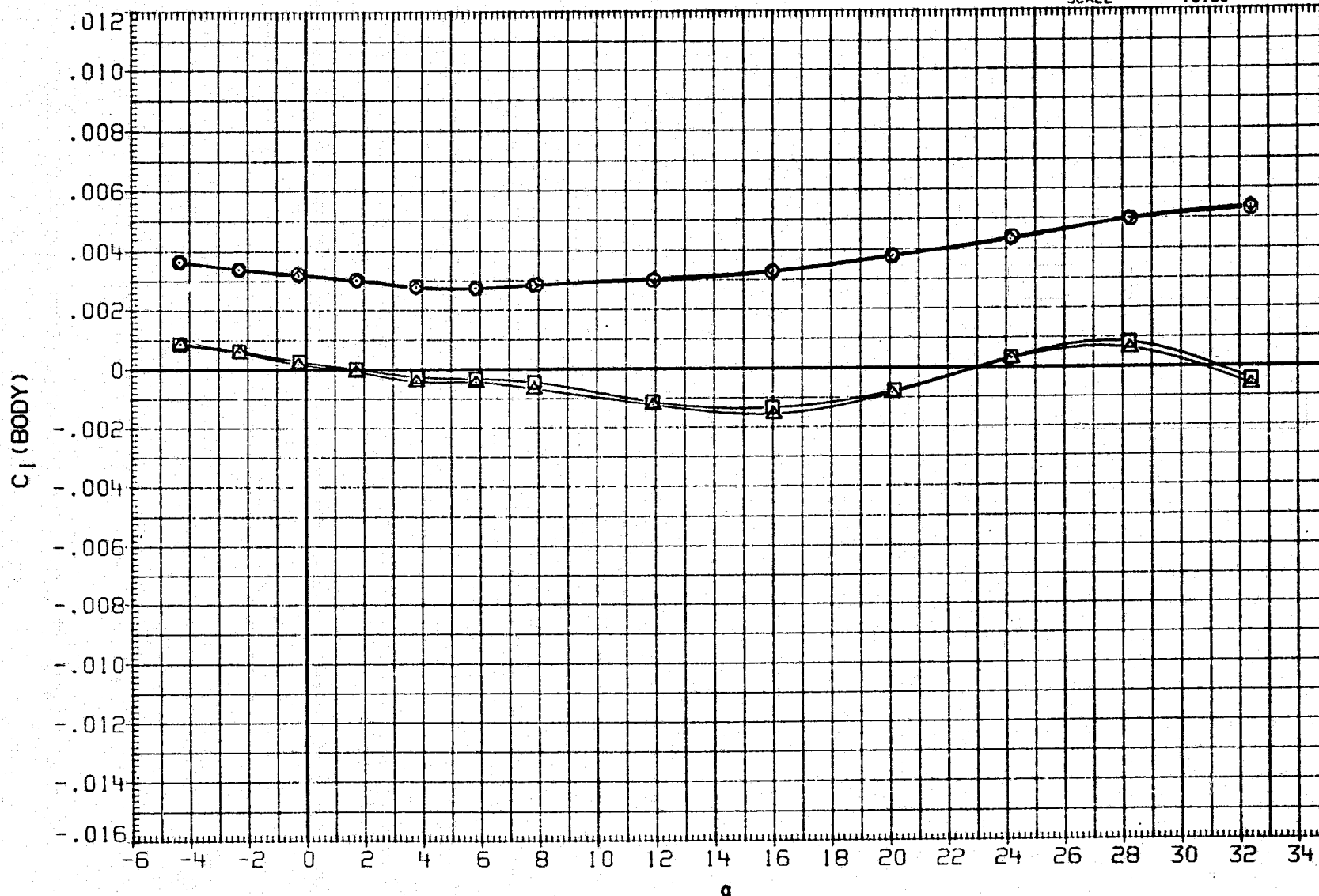


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86



DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION	
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000 SQ.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.0000 INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800 INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000 IN. YO
								YMRP	.0000 IN. YO
								ZMRP	375.0000 IN. ZO
								SCALE	.0150

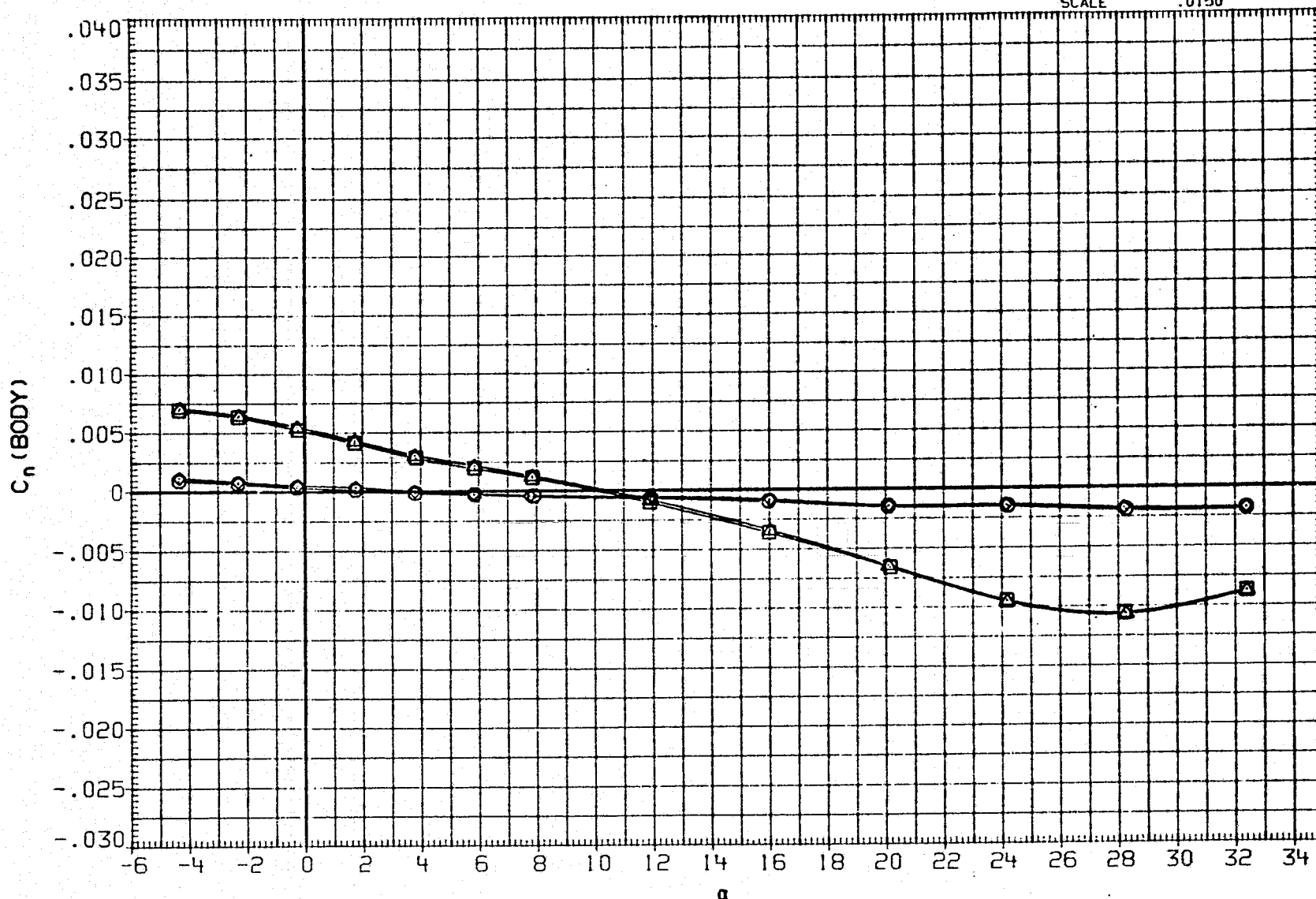


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	DATA NOT AVAILABLE	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	DATA NOT AVAILABLE	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
								YMRP	.0000	IN. YO
								ZMRP	375.0000	IN. ZO
								SCALE	.0150	

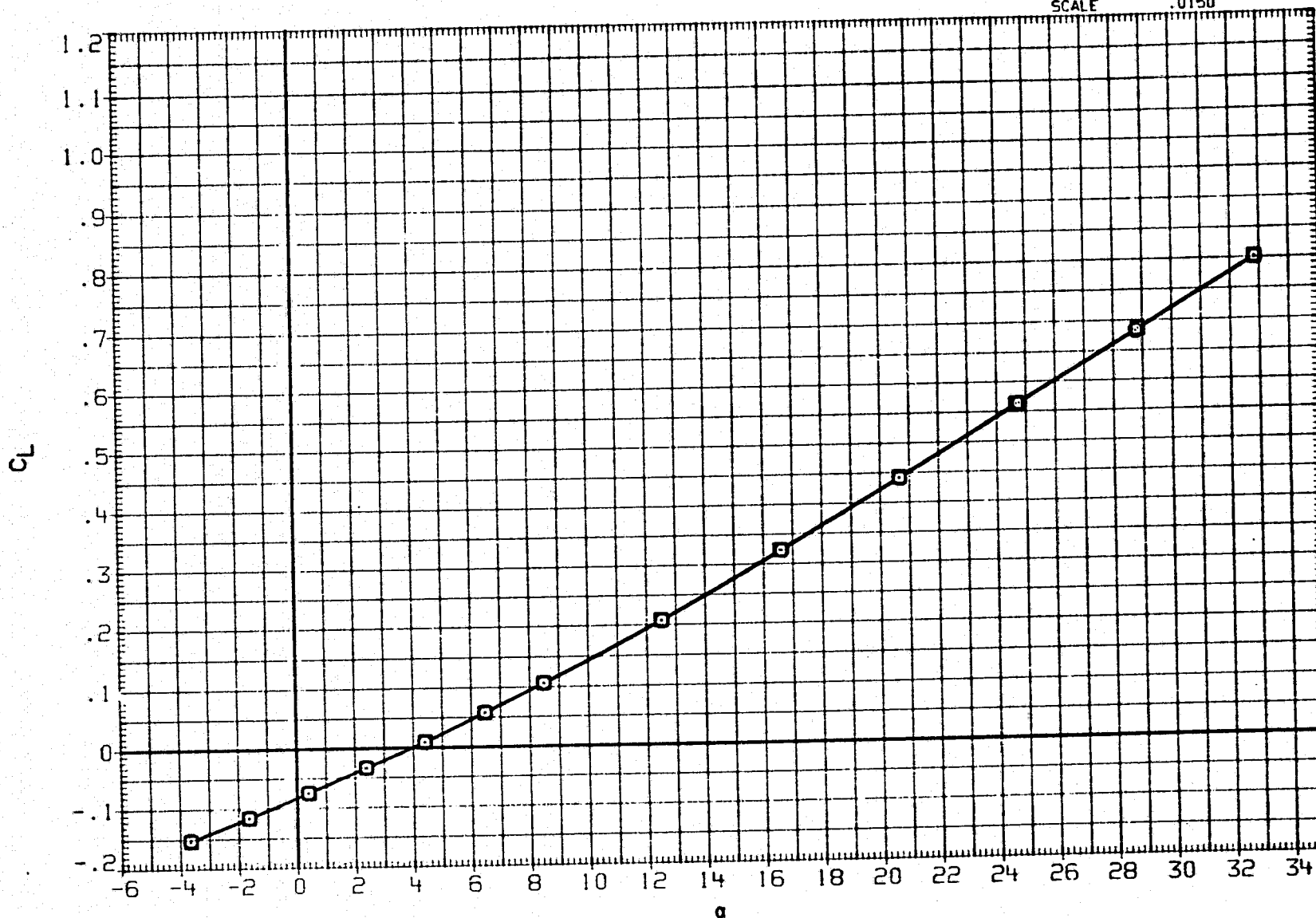


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

DATA SET SYMBOL	CONFIGURATION
RJH020	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇ DATA NOT AVAILABLE
RJH056	△ DATA NOT AVAILABLE

BETA	AILRON	ELEVON	BDFLAP	SPDBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.1150	

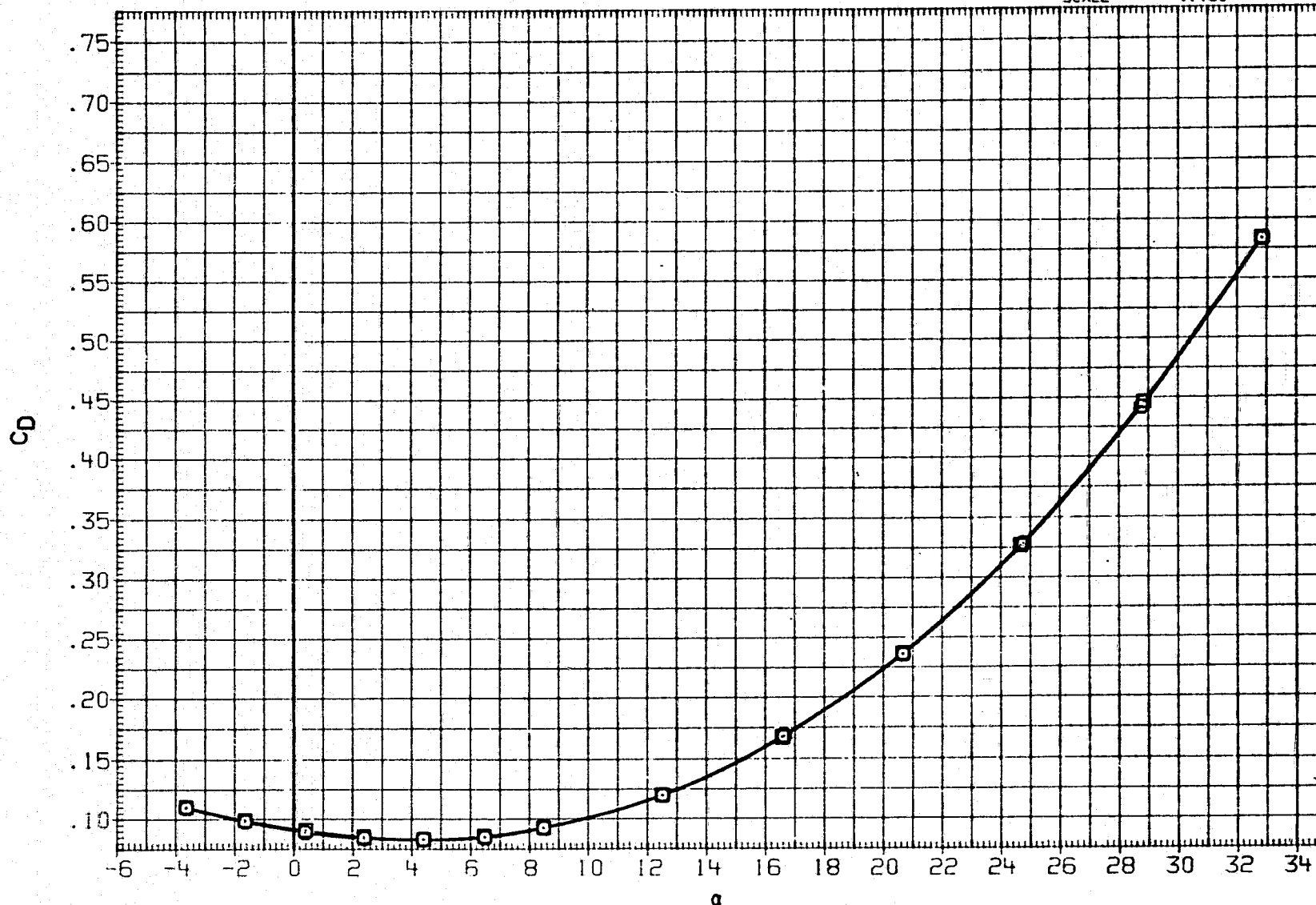


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON.  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

## BETA

## AILRON

## ELEVON

## BDFLAP

## SPDBRK

## REFERENCE INFORMATION

RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇	DATA NOT AVAILABLE
RJH056	△	DATA NOT AVAILABLE

.000	5.000	-10.000	.000	52.700	SREF	2690.0000	SQ. FT.
3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
					YMRP	.0000	IN. YO
					ZMRP	375.0000	IN. ZO
					SCALE	.0150	

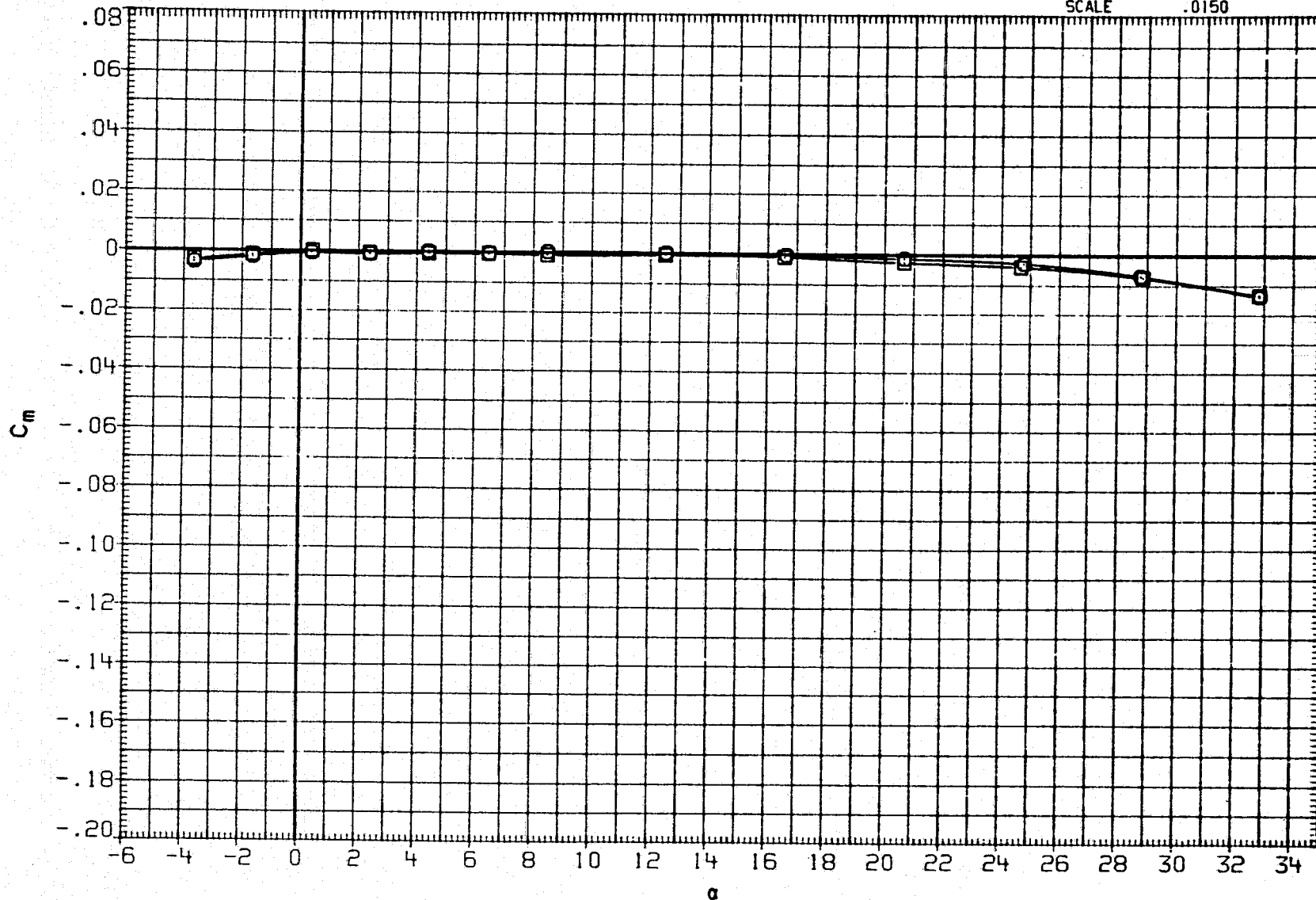


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR.

DATA SET SYMBOL

CONFIGURATION

BETA	AILRON	ELEVON	BDFLAP	SPDBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION

RJH020	○	LARC UPWT 11731LA751B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT 11731LA751B26C9E43F8M16N28R5V8W
RJH055	◇	DATA NOT AVAILABLE
RJH056	△	DATA NOT AVAILABLE

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

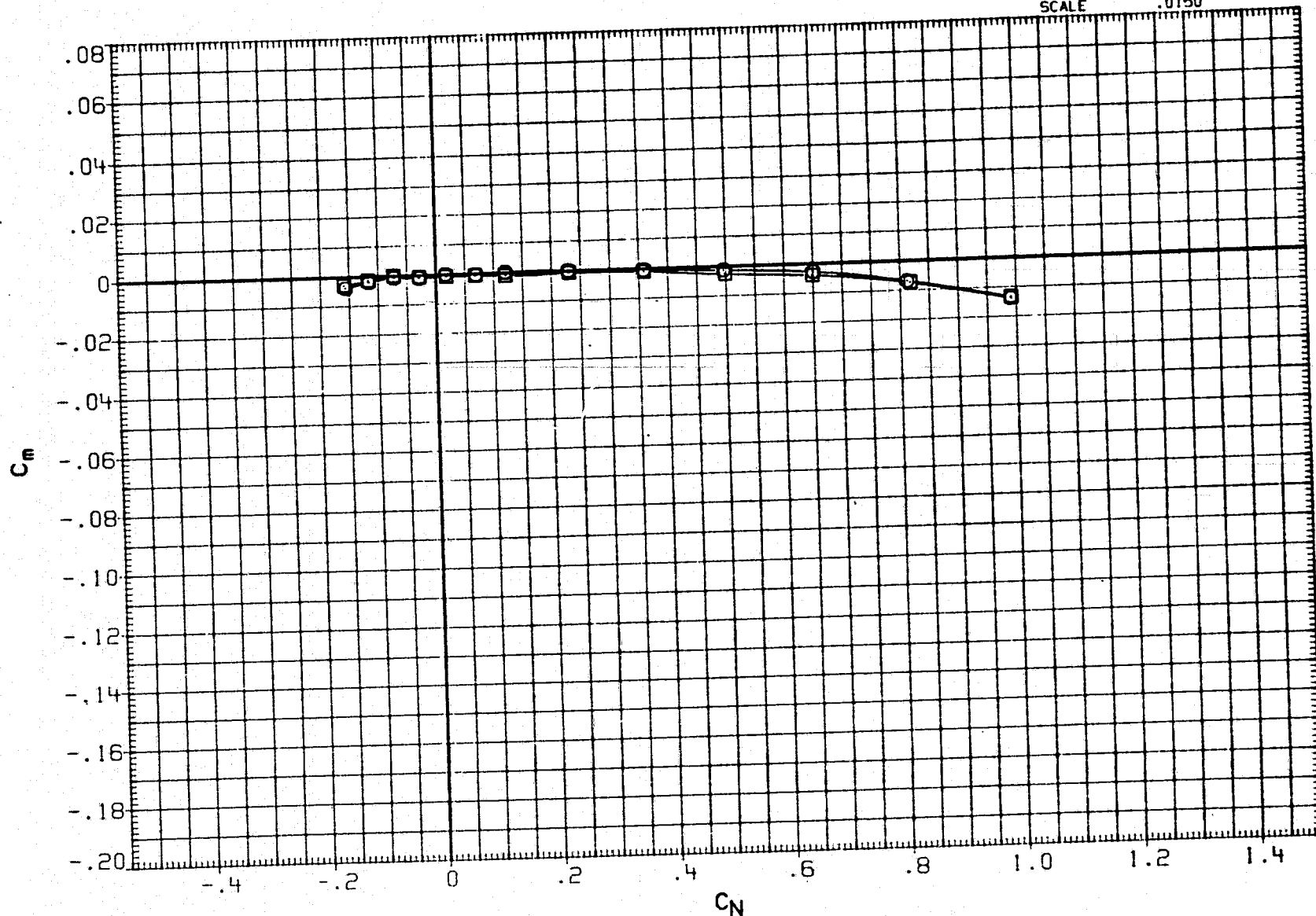


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

## BETA

## AILRON

## ELEVON

## BDFLAP

## SPDBRK

## REFERENCE INFORMATION

RJH020 ○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH021 □ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH055 ◇ DATA NOT AVAILABLE  
 RJH056 △ DATA NOT AVAILABLE

.000 5.000 -10.000 .000 52.700  
 3.000 5.000 -10.000 .000 52.700  
 .000 5.000 -10.000 -11.700 52.700  
 3.000 5.000 -10.000 -11.700 52.700

SREF 2690.0000 SQ.FT.  
 LREF 474.8000 INCHES  
 SREF 936.6800 INCHES  
 XMRP 1076.7000 IN. X0  
 YMRP .0000 IN. Y0  
 ZMRP 375.0000 IN. Z0  
 SCALE .0150

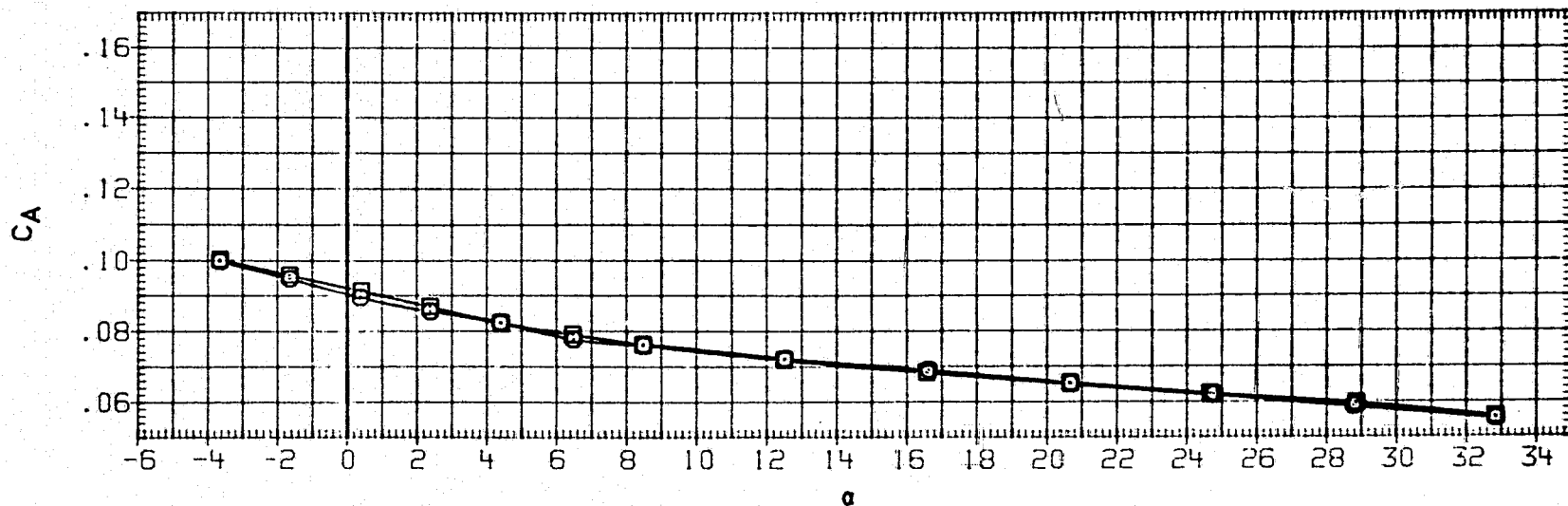
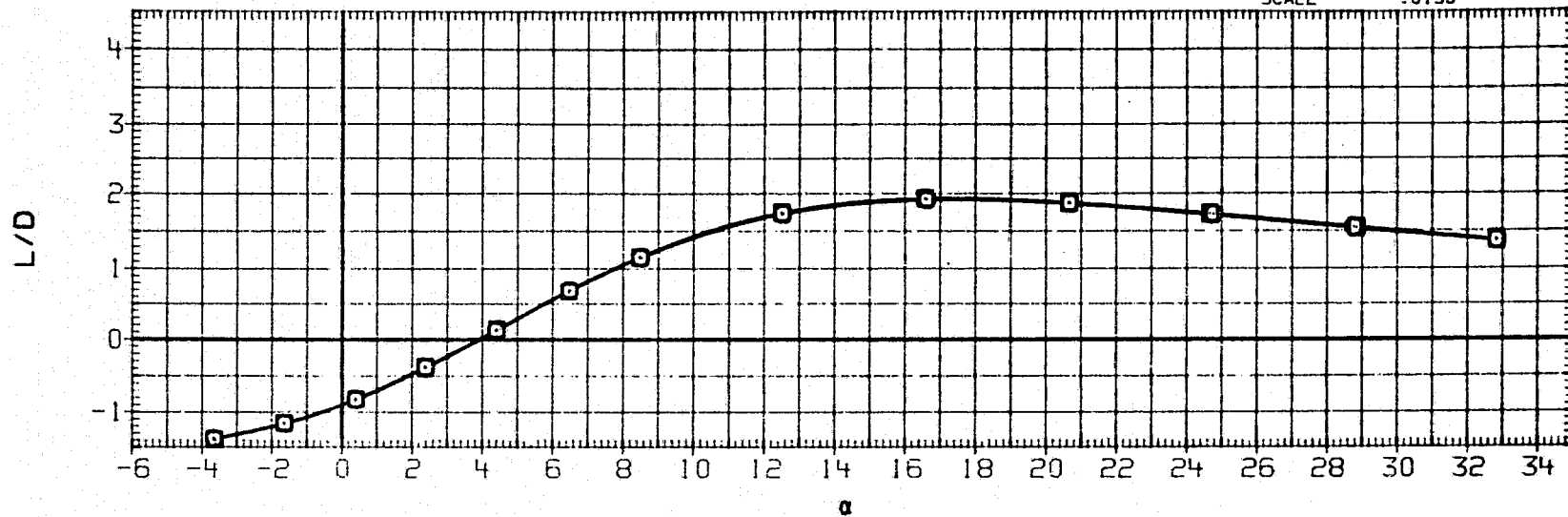


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
 BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

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DATA SET SYMBOL

CONFIGURATION

RJH020 ○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH021 □ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W  
 RJH055 ◇ DATA NOT AVAILABLE  
 RJH056 △ DATA NOT AVAILABLE

BETA	AILRON	ELEVON	BDFLAP	SPOBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION

	VALUE	UNIT
SREF	2690.0000	SQ.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

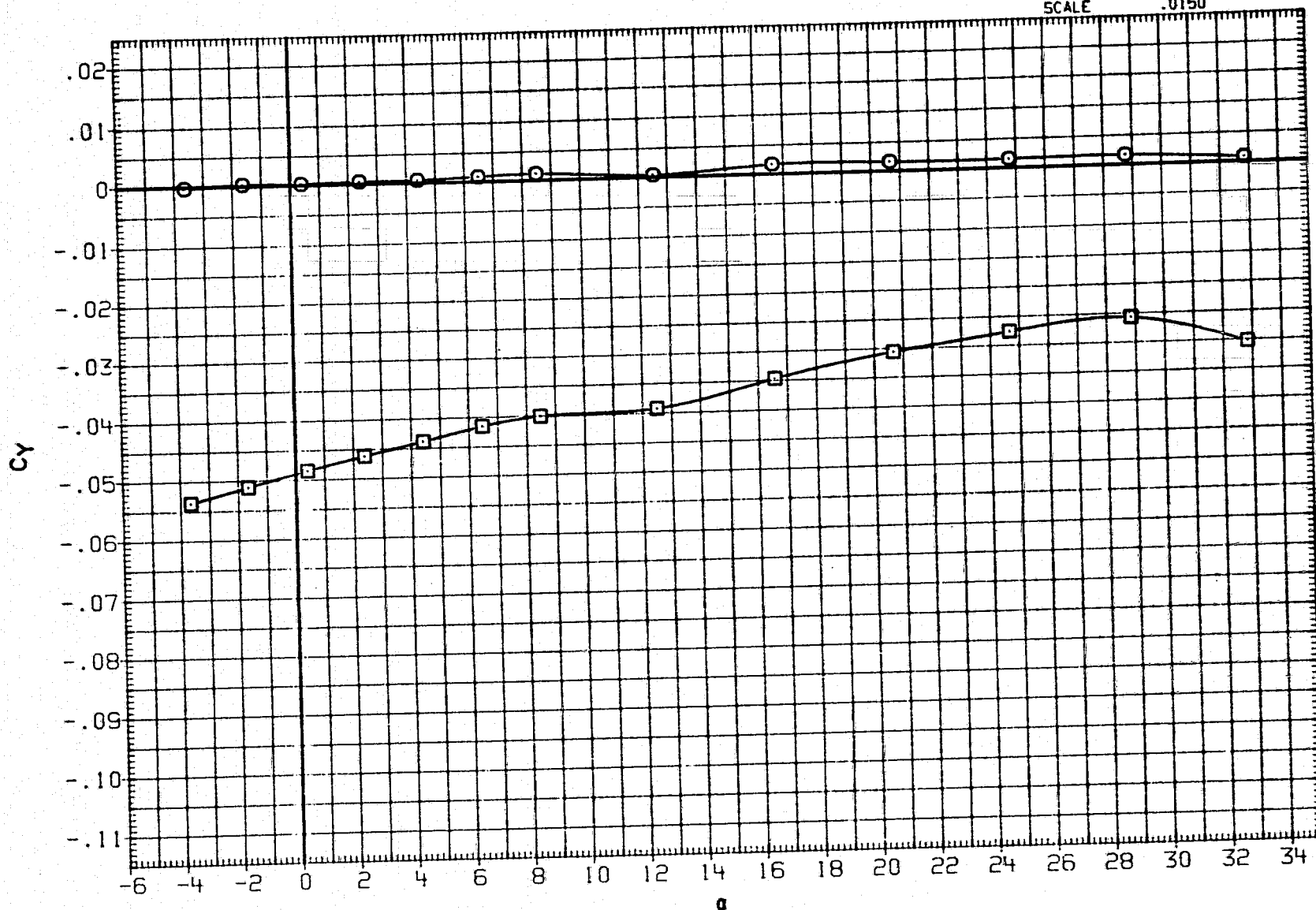


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
 BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

BETA	AILRON	ELEVON	BDFLAP	SPOBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

## REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W
RJH055	◇	DATA NOT AVAILABLE
RJH056	△	DATA NOT AVAILABLE

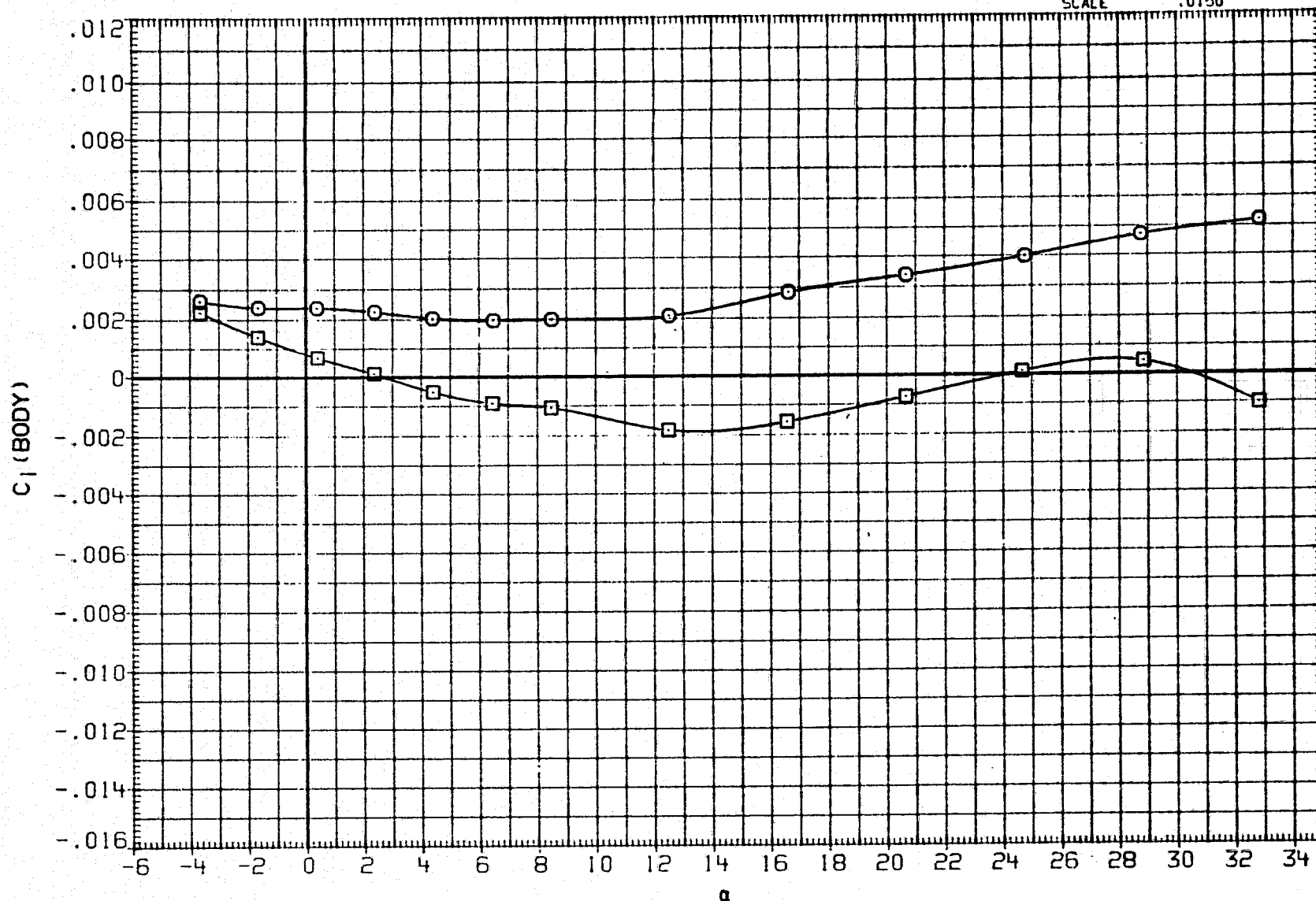


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

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DATA SET SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇ DATA NOT AVAILABLE	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△ DATA NOT AVAILABLE	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

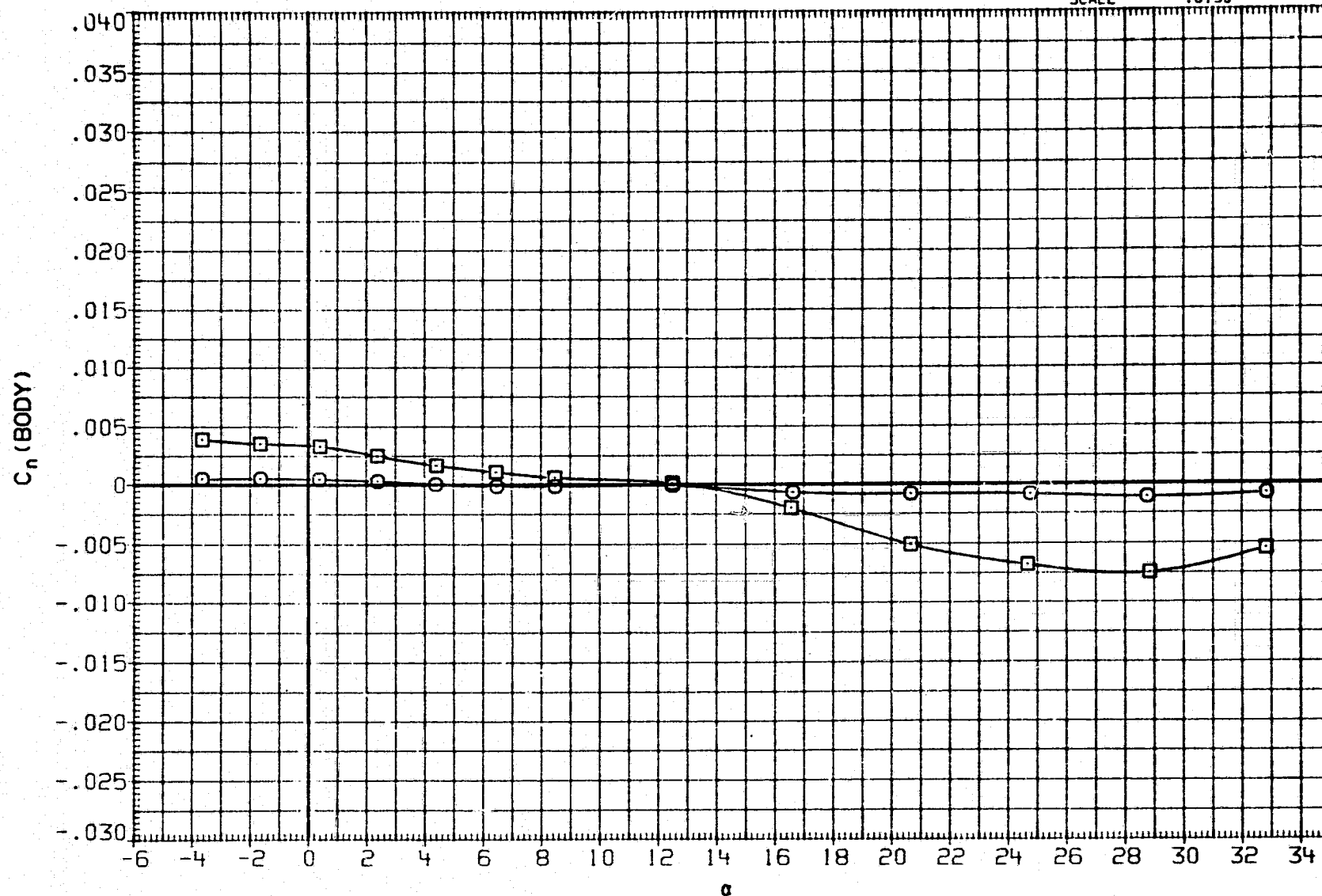


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

## DATA SET SYMBOL

## CONFIGURATION

## BETA

## AILRON

## ELEVON

## BOFLAP

## SPDBRK

## REFERENCE INFORMATION

DATA SET SYMBOL	SYMBOL	CONFIGURATION
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BETA	AILRON	ELEVON	BOFLAP	SPDBRK	REFERENCE INFORMATION
.000	5.000	-10.000	.000	52.700	SREF 2690.0000 SQ.FT.
3.000	5.000	-10.000	.000	52.700	LREF 474.8000 INCHES
.000	5.000	-10.000	-11.700	52.700	BREF 936.6800 INCHES
3.000	5.000	-10.000	-11.700	52.700	XMRP 1076.7000 IN. X0
					YMRP .0000 IN. Y0
					ZMRP 375.0000 IN. Z0
					SCALE .0150

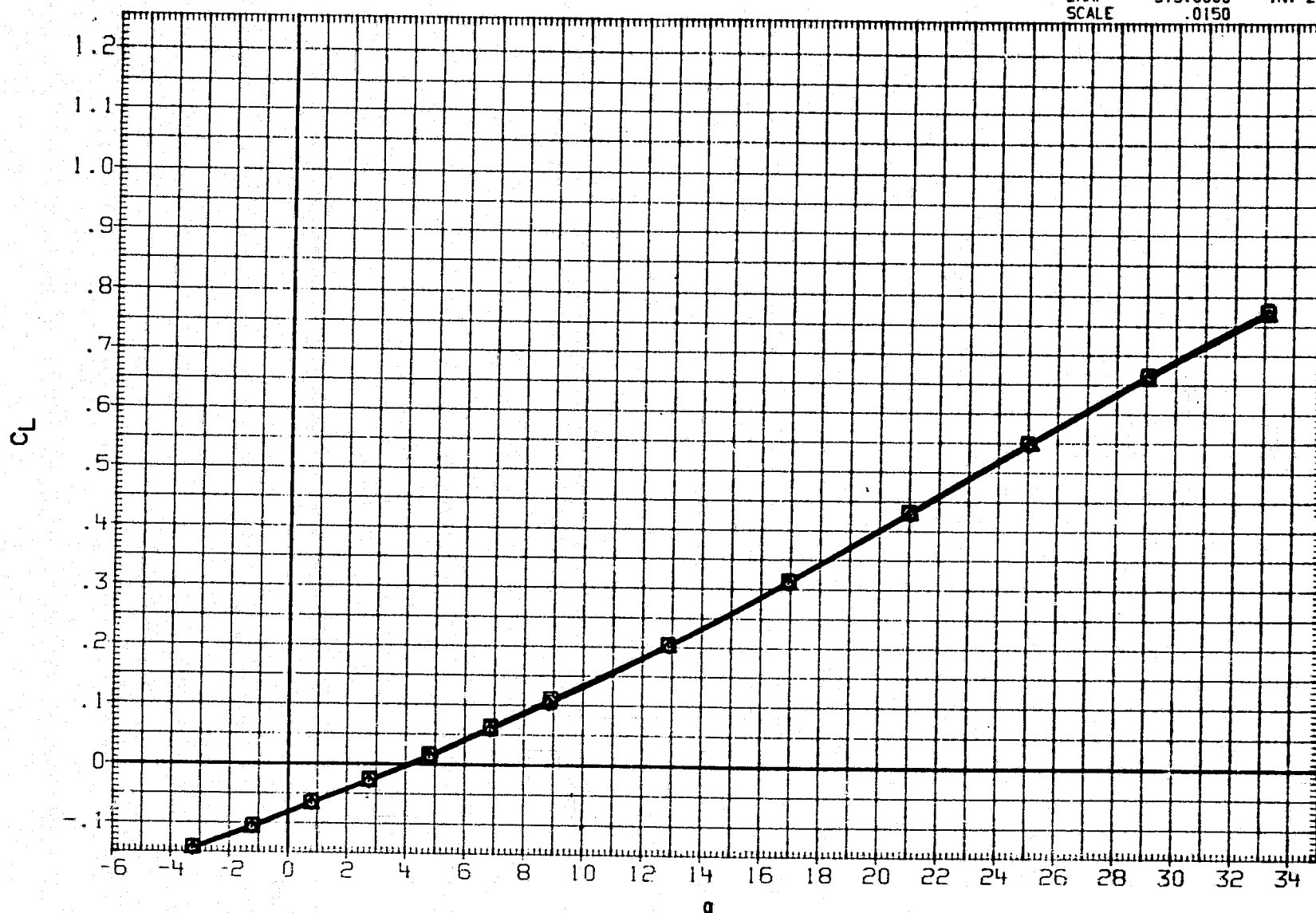


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C)MACH = 4.60

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDRK	REFERENCE INFORMATION		
RJH020	○	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
								YMRP	.0000	IN. Y0
								ZMRP	375.0000	IN. Z0
								SCALE	.0150	

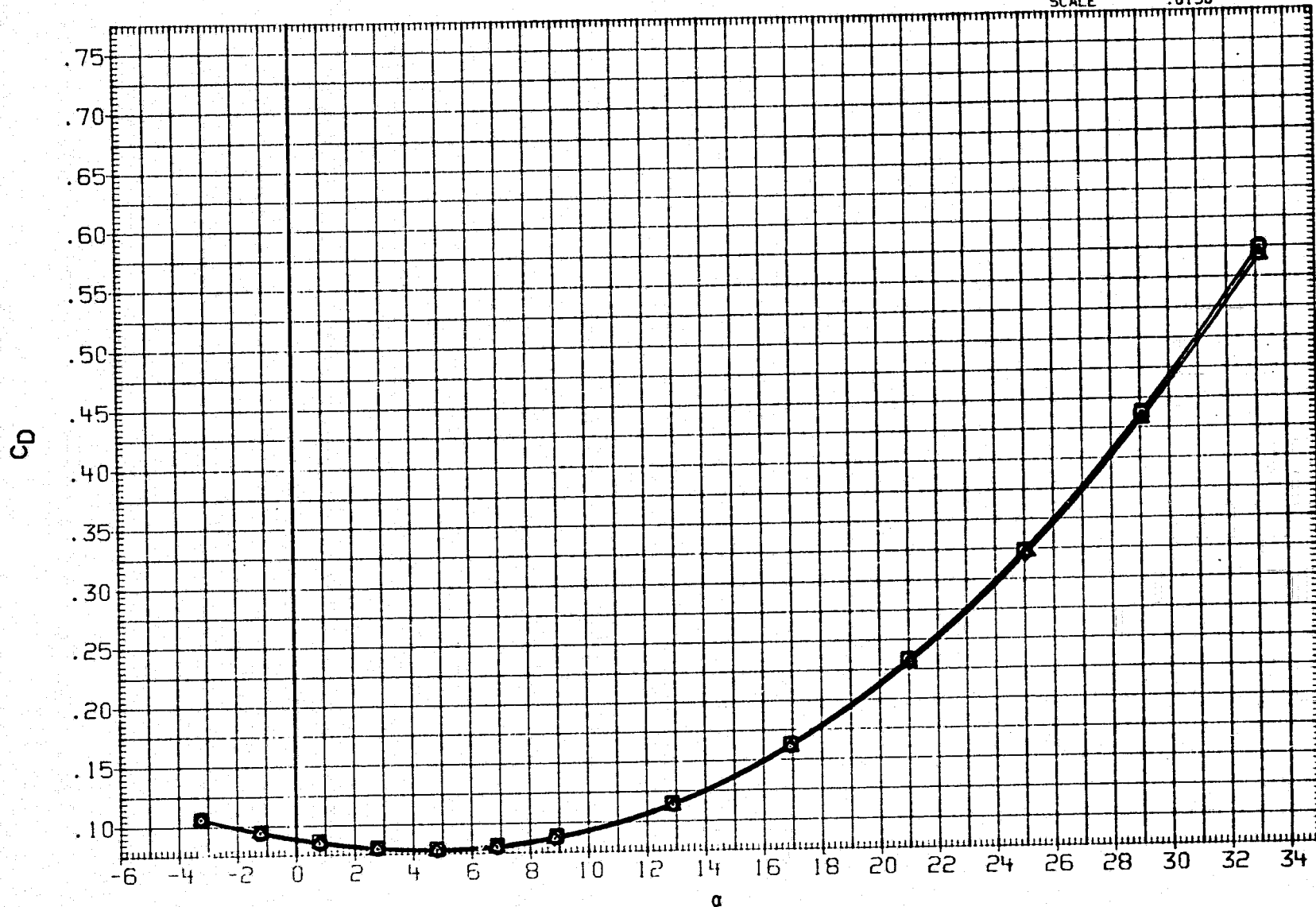


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

DATA SET SYMBOL

CONFIGURATION

BETA

AILRON

ELEVON

BDFLAP

SPDBRK

REFERENCE INFORMATION

RJH020	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH056	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

.000
5.000
.000
3.000

5.000
5.000
5.000
5.000

-10.000
-10.000
-10.000
-10.000

.000
.000
-11.700
-11.700

52.700
52.700
52.700
52.700

SREF	2690.0000	50. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0150	

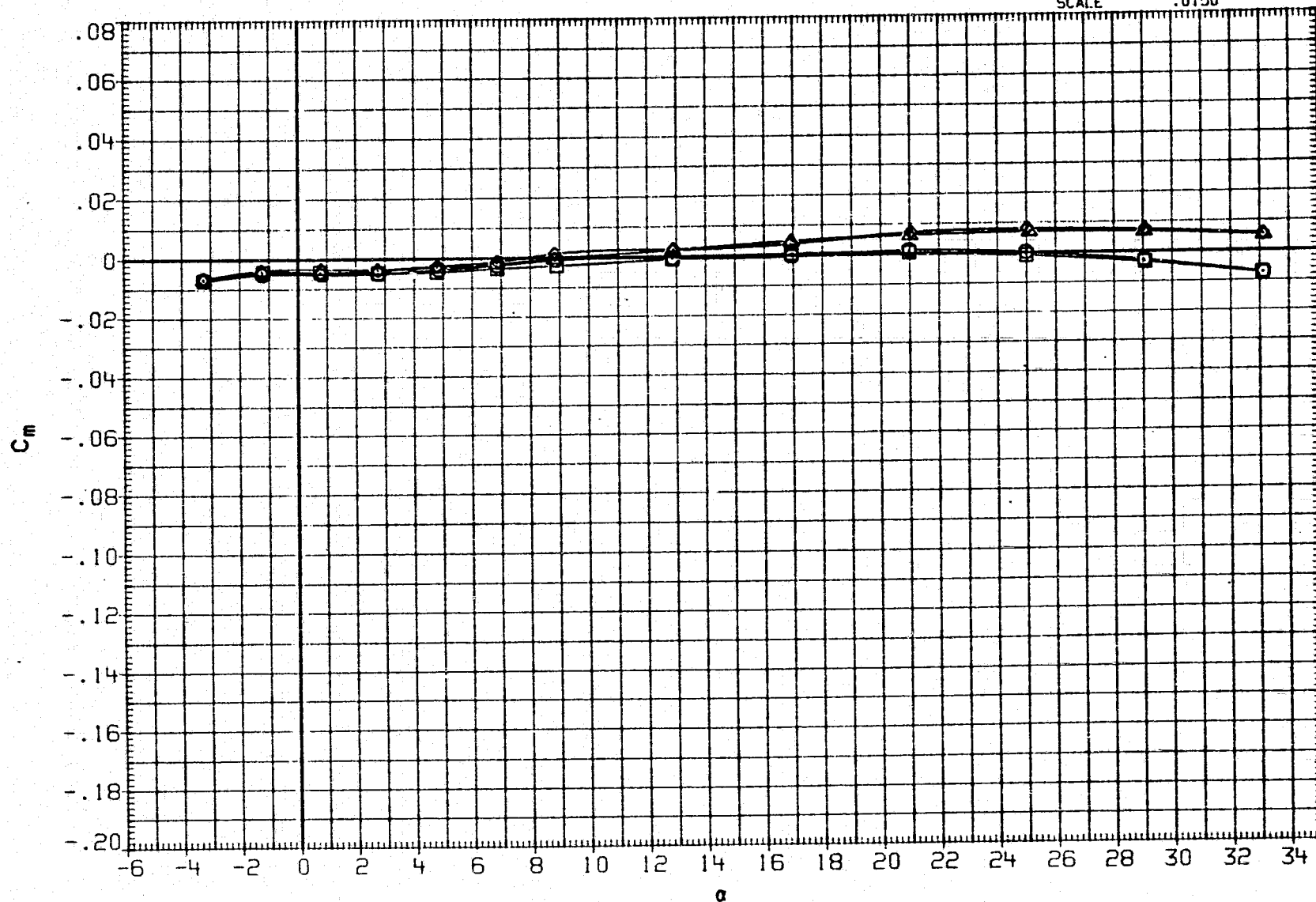


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C) MACH = 4.60

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DATA SET SYMBOL

CONFIGURATION

BETA	AILRON	ELEVON	BDFLAP	SPDBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION

SREF	2690.0000	50.FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

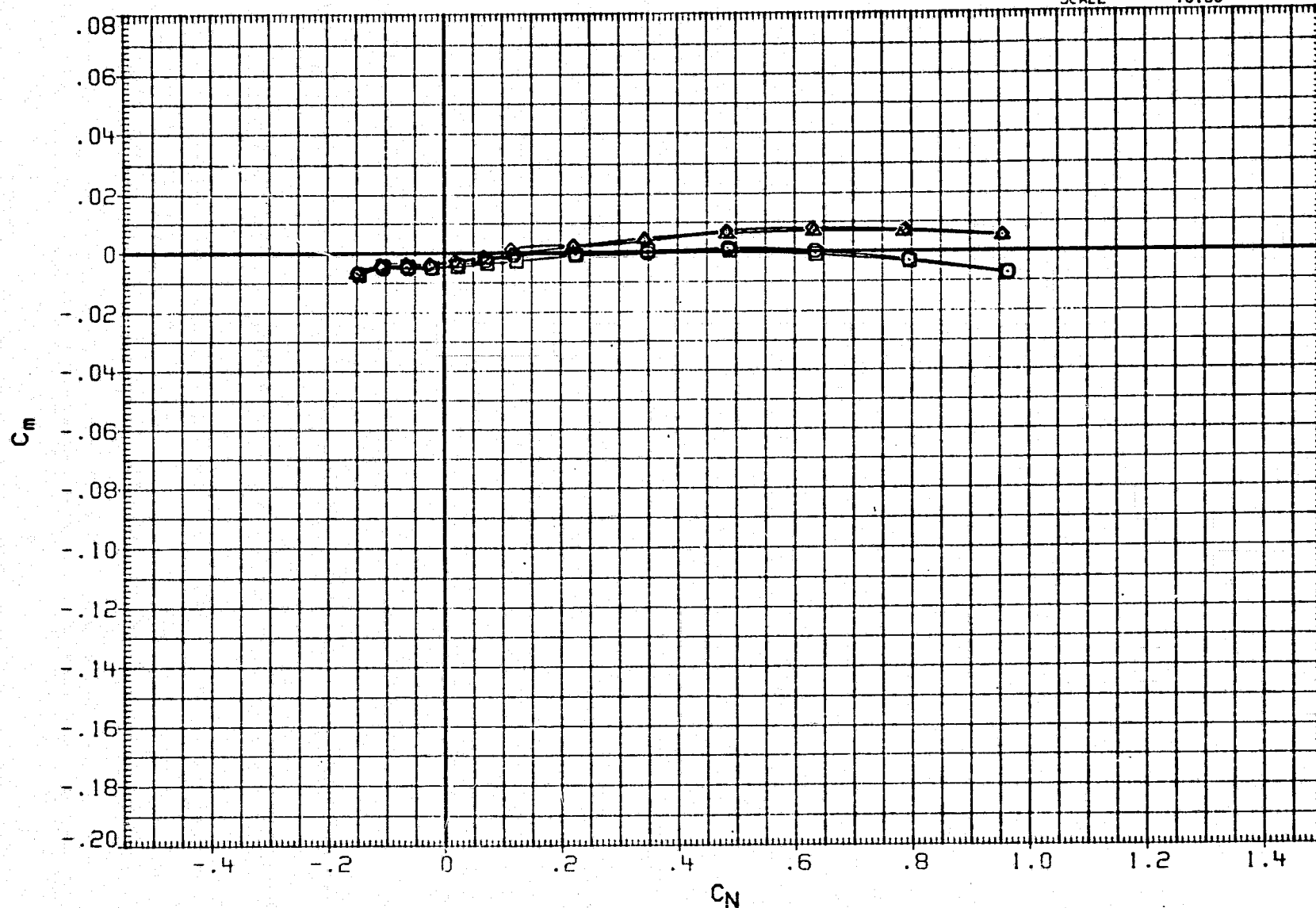


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

## DATA SET SYMBOL

## CONFIGURATION

## BETA

## AILRON

## ELEVON

## BOFLAP

## SPDBRK

## REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION
RJH020	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
RJH056	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

BETA	AILRON	ELEVON	BOFLAP	SPDBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION	IN. X0	IN. Y0	IN. Z0
SREF	2690.0000		SQ.FT.
LREF	474.8000		INCHES
BREF	936.6800		INCHES
XMRP	1076.7000		IN. X0
YMRP	.0000		IN. Y0
ZMRP	375.0000		IN. Z0
SCALE	.0150		

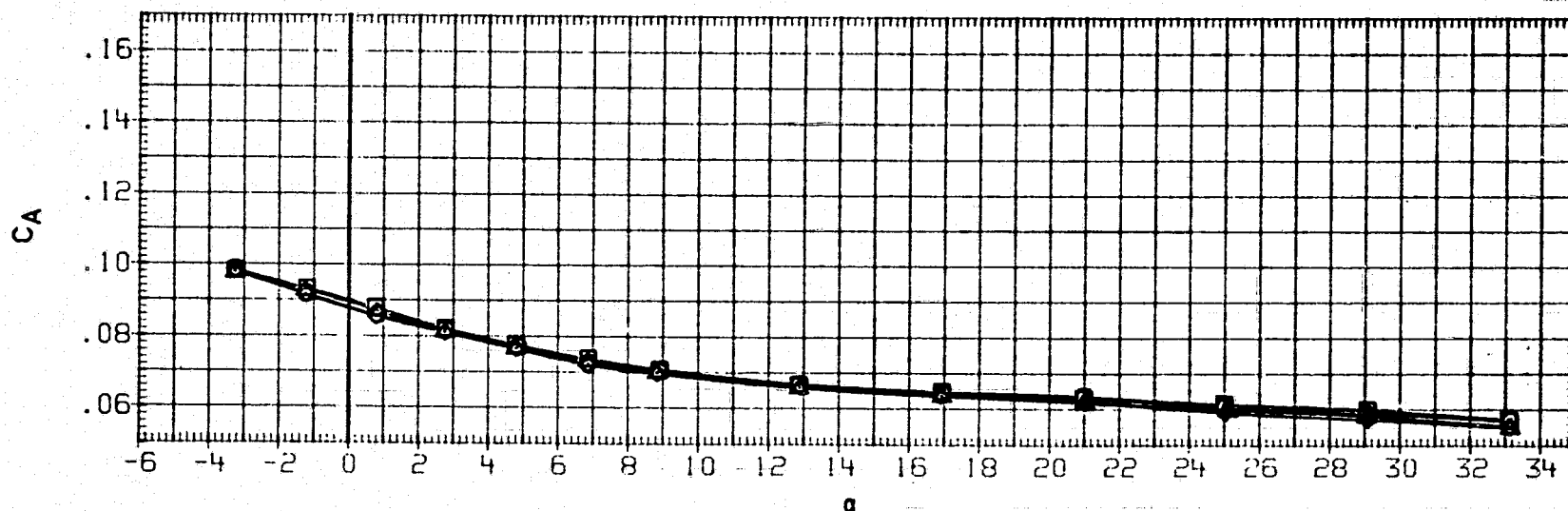
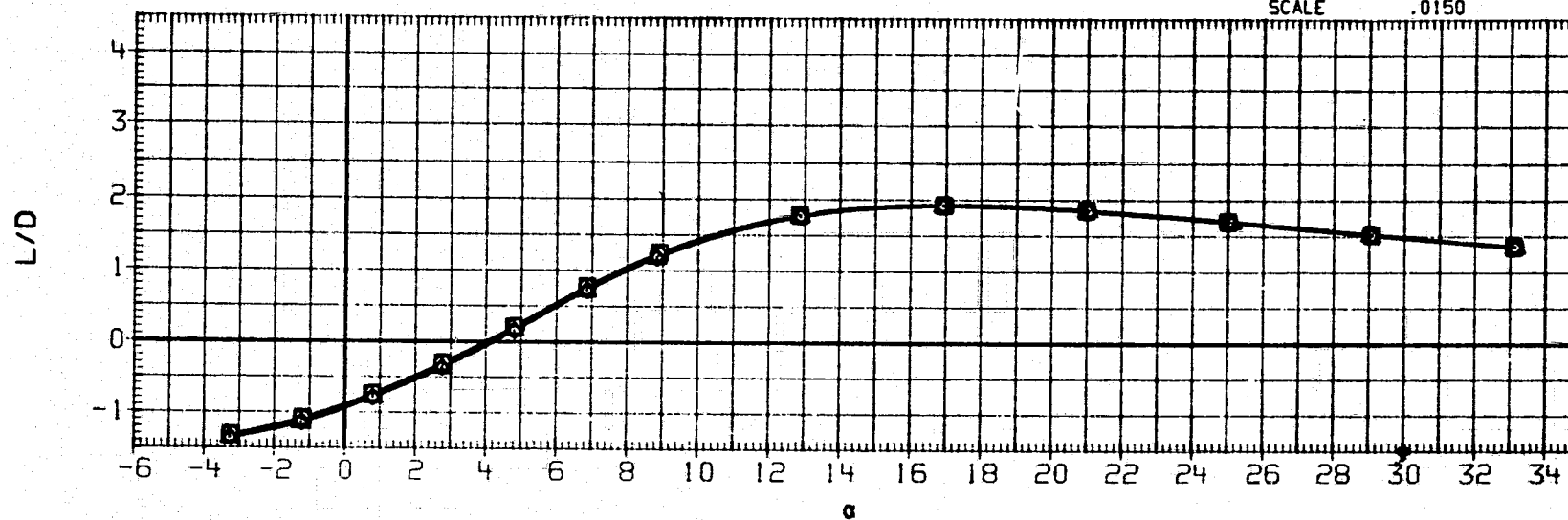


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C) MACH = 4.60

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DATA SET	SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPOBRK	REFERENCE INFORMATION	
RJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000 SQ.FT.
RJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000 INCHES
RJH055	◇	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800 INCHES
RJH056	△	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000 IN. X0
								YMRP	.0000 IN. Y0
								ZMRP	375.0000 IN. Z0
								SCALE	.0150

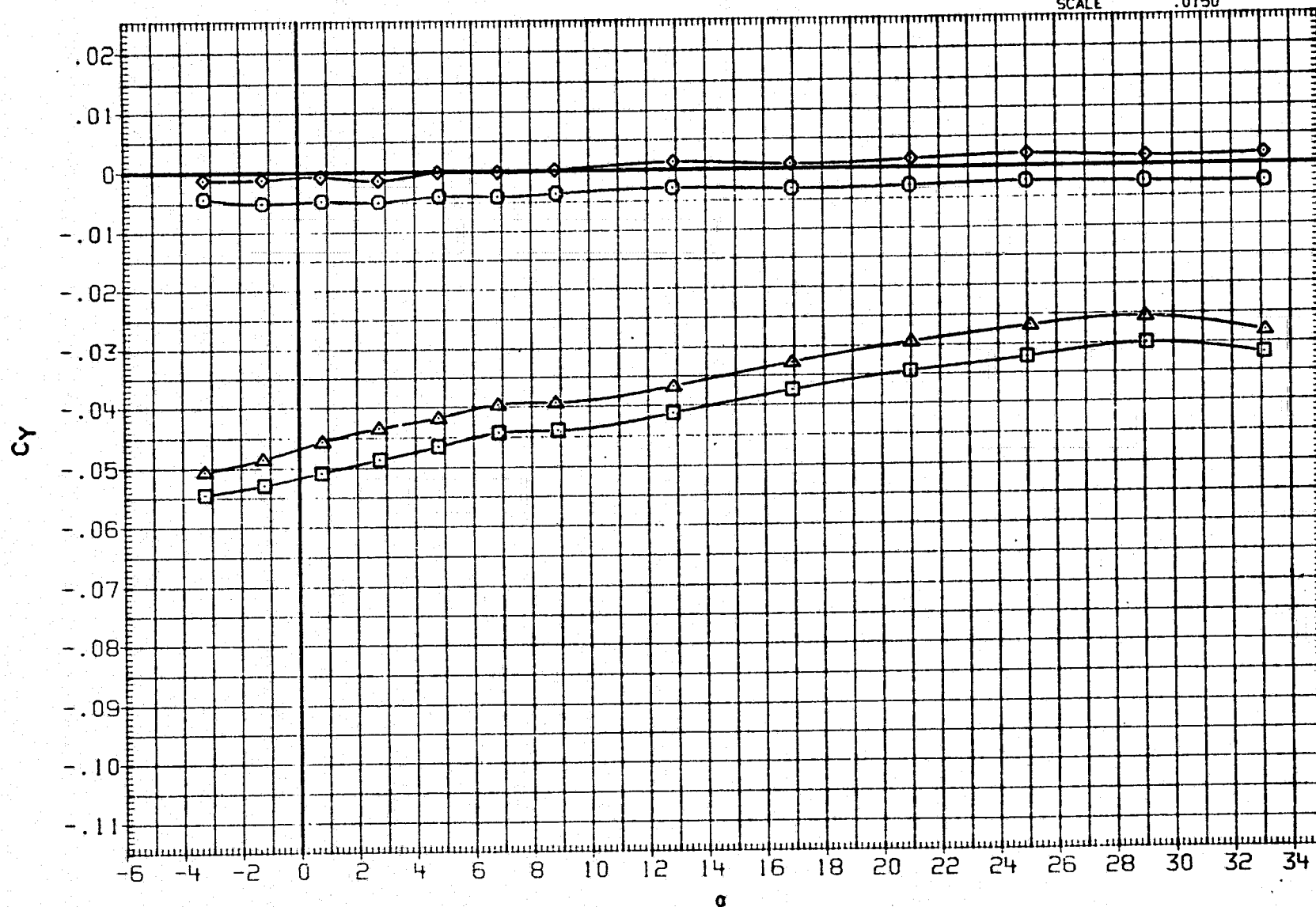


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

DATA SET SYMBOL

CONFIGURATION

BETA

AILRON

ELEVON

BDFLAP

SPDBRK

REFERENCE INFORMATION

RJH020	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH021	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH055	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
RJH056	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

.000	5.000	-10.000	.000	52.700	SREF	2690.0000	SQ. FT.
3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. XO
					YMRP	.0000	IN. YO
					ZMRP	375.0000	IN. ZO
					SCALE	.0150	

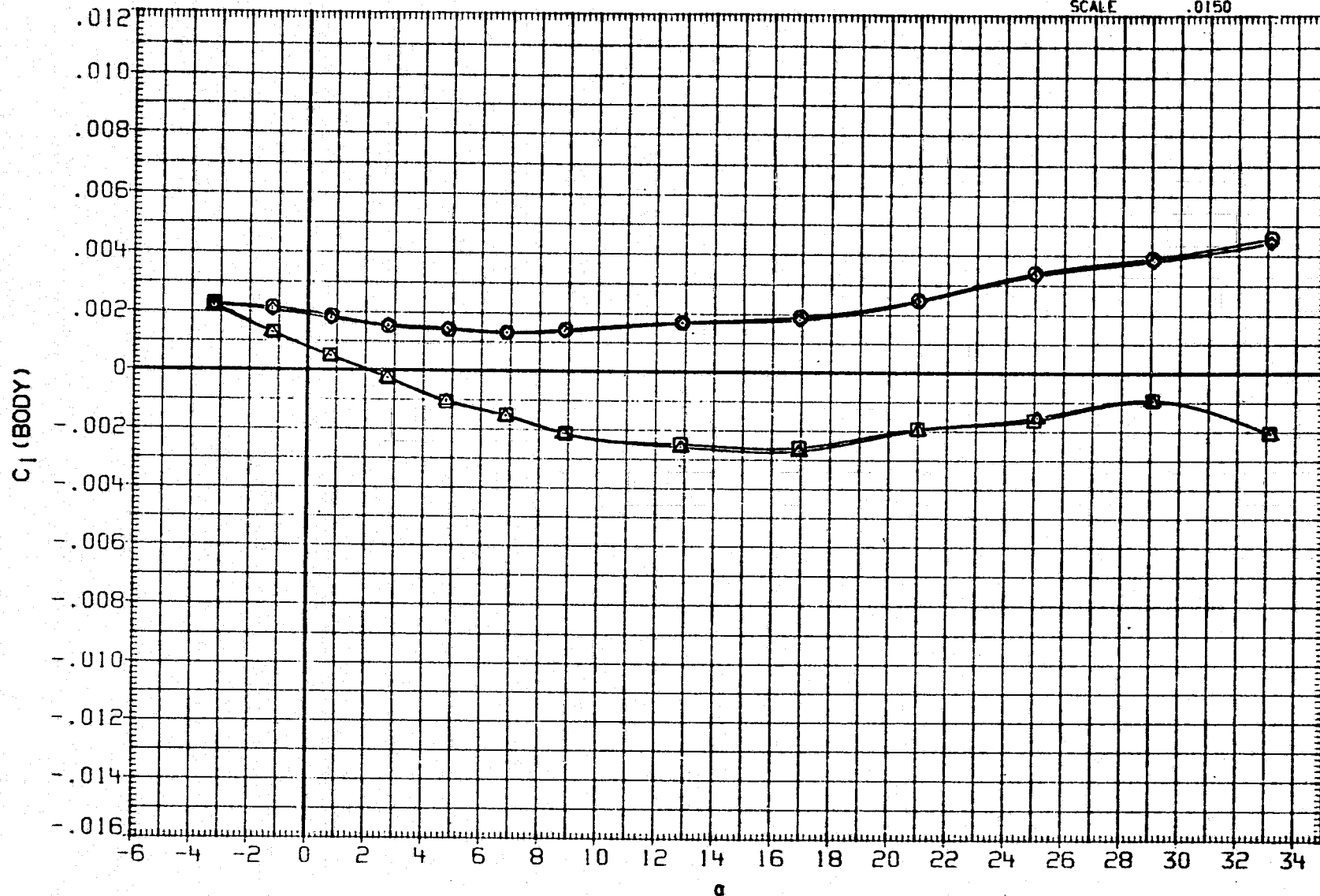


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C) MACH = 4.60

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DATA SET SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPDBRK	REFERENCE INFORMATION		
RJH020	○ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF	2690.0000	50.FT.
RJH021	□ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF	474.8000	INCHES
RJH055	◇ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF	936.6800	INCHES
RJH056	△ LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP	1076.7000	IN. X0
							YMRP	.0000	IN. Y0
							ZMRP	375.0000	IN. Z0
							SCALE	.0150	

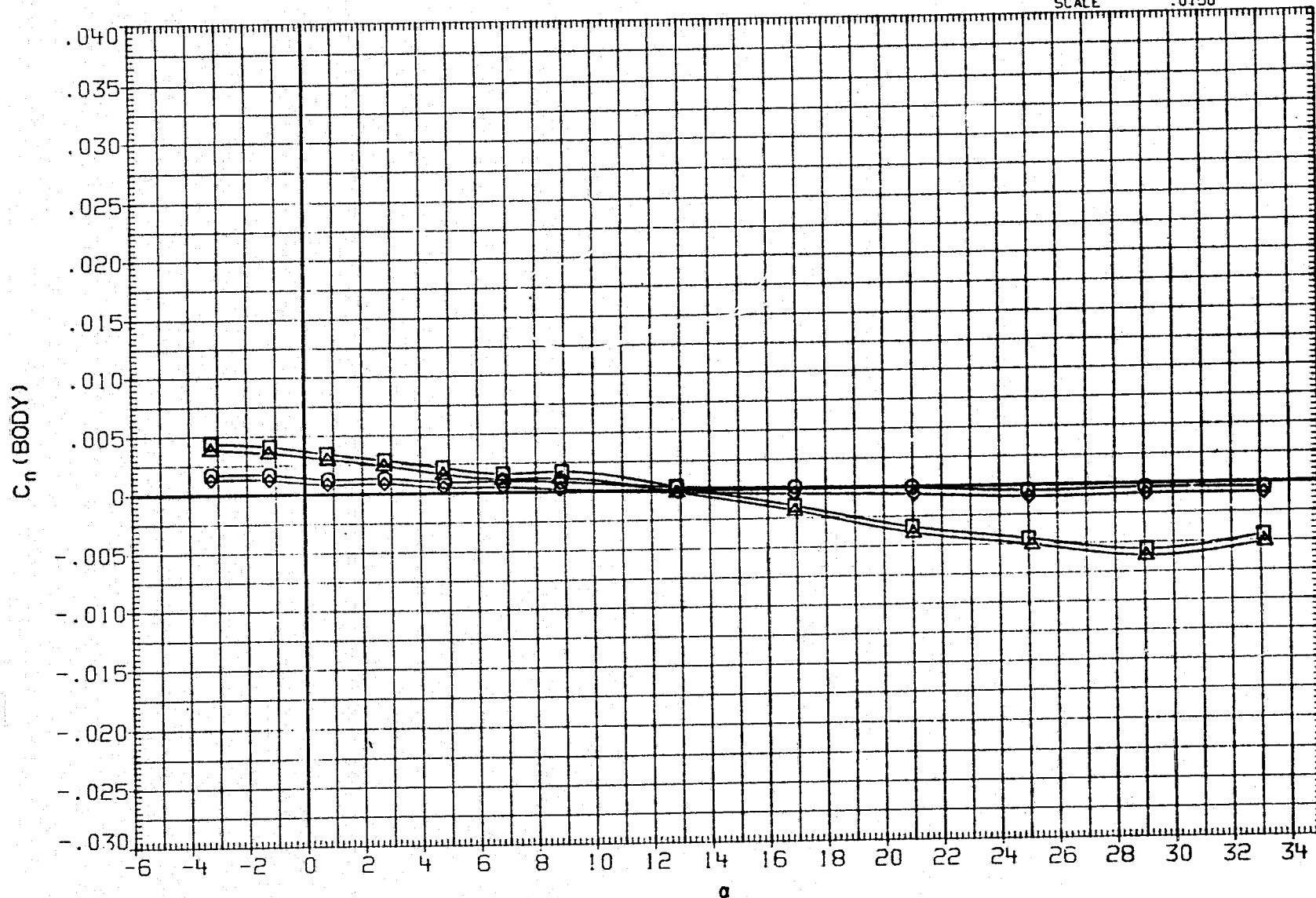


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION	BETA	AILRON	ELEVON	BDFLAP	SPOBRK	REFERENCE INFORMATION
SJH020	○ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	5.000	-10.000	.000	52.700	SREF 2690.0000 SQ.FT.
SJH021	□ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	3.000	5.000	-10.000	.000	52.700	LREF 474.8000 INCHES
SJH055	◇ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	.000	5.000	-10.000	-11.700	52.700	BREF 936.6800 INCHES
SJH056	△ LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W	3.000	5.000	-10.000	-11.700	52.700	XMRP 1076.7000 IN. X0
							YMRP .0000 IN. Y0
							ZMRP 375.0000 IN. Z0
							SCALE .0150

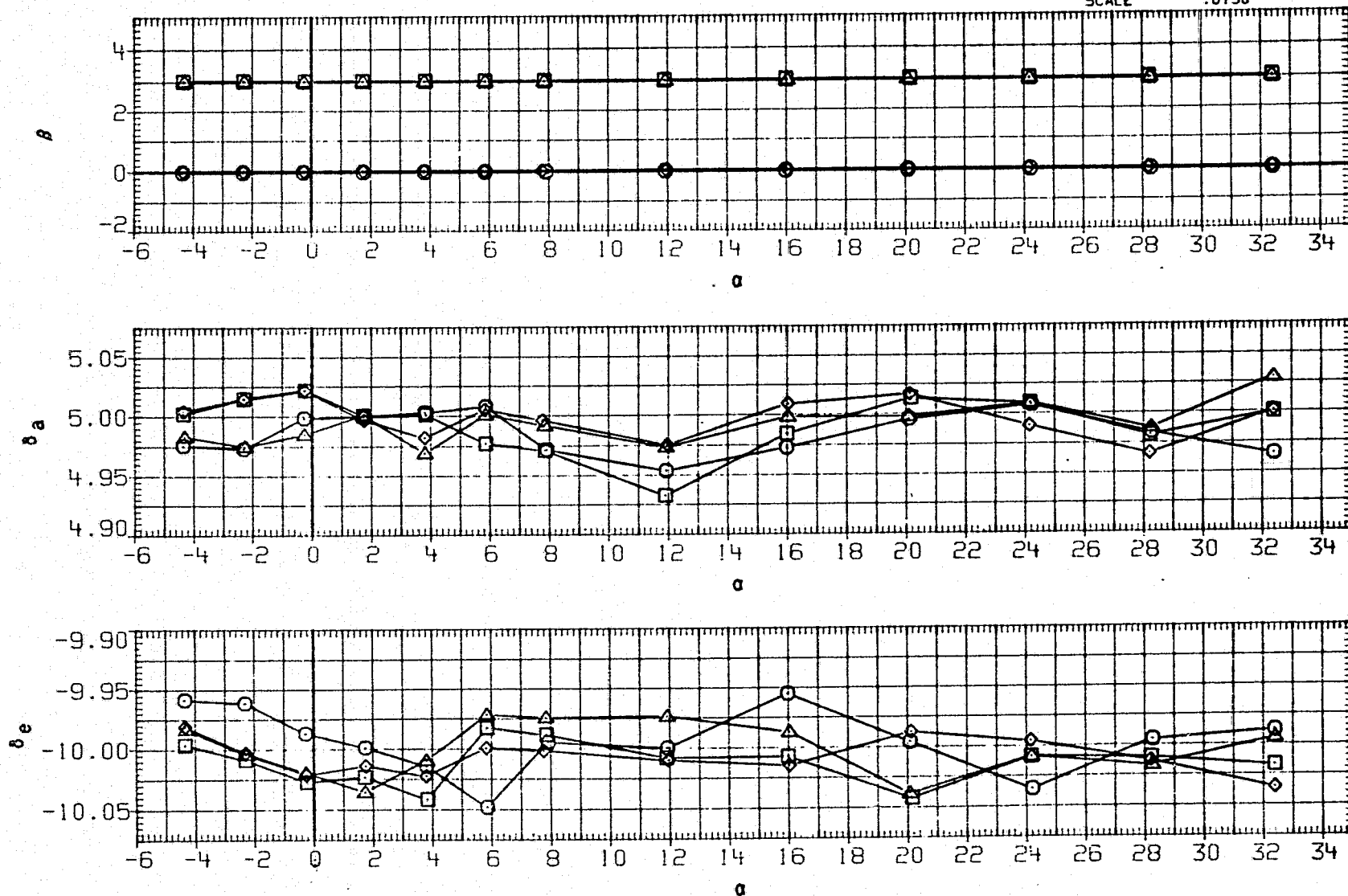


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(A) MACH = 2.86

DATA SET SYMBOL

CONFIGURATION

SJH020	○	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
SJH021	□	LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W
SJH055	◇	DATA NOT AVAILABLE
SJH056	△	DATA NOT AVAILABLE

BETA	AILRON	ELEVON	BDFLAP	SPDBRK
.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-11.700	52.700

REFERENCE INFORMATION

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. YO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

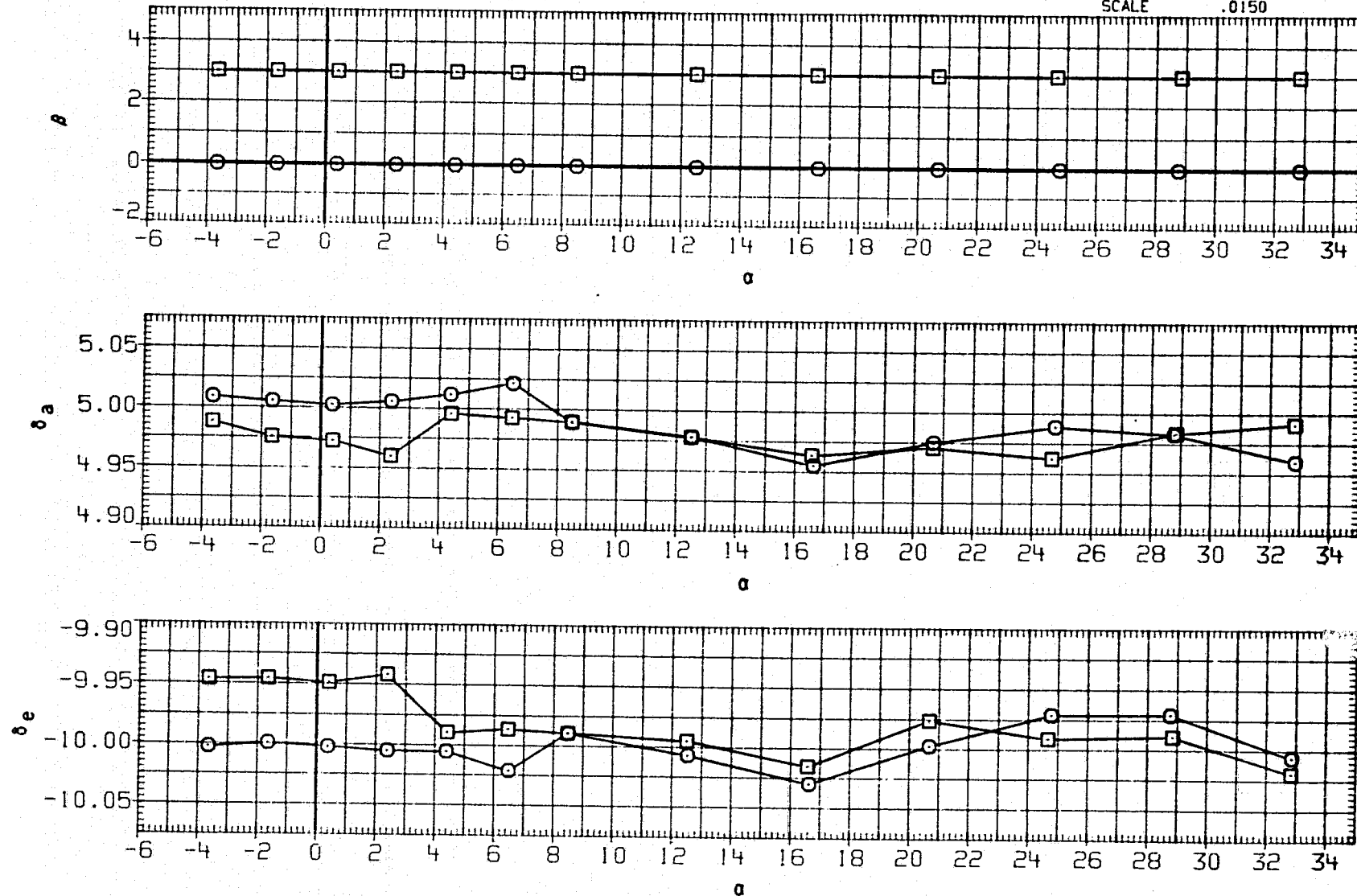


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(B) MACH = 3.90

DATA SET SYMBOL

CONFIGURATION

BETA

AILRON

ELEVON

BDFLAP

SPDBRK

REFERENCE INFORMATION

SJH020	○	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
SJH021	□	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
SJH055	◇	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W
SJH056	△	LARC UPWT	1173(LA75)B26C9E43F8M16N28R5V8W

.000	5.000	-10.000	.000	52.700
3.000	5.000	-10.000	.000	52.700
.000	5.000	-10.000	-11.700	52.700
3.000	5.000	-10.000	-1.700	52.700

SREF	2690.0000	SQ. FT.
LREF	474.8000	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0150	

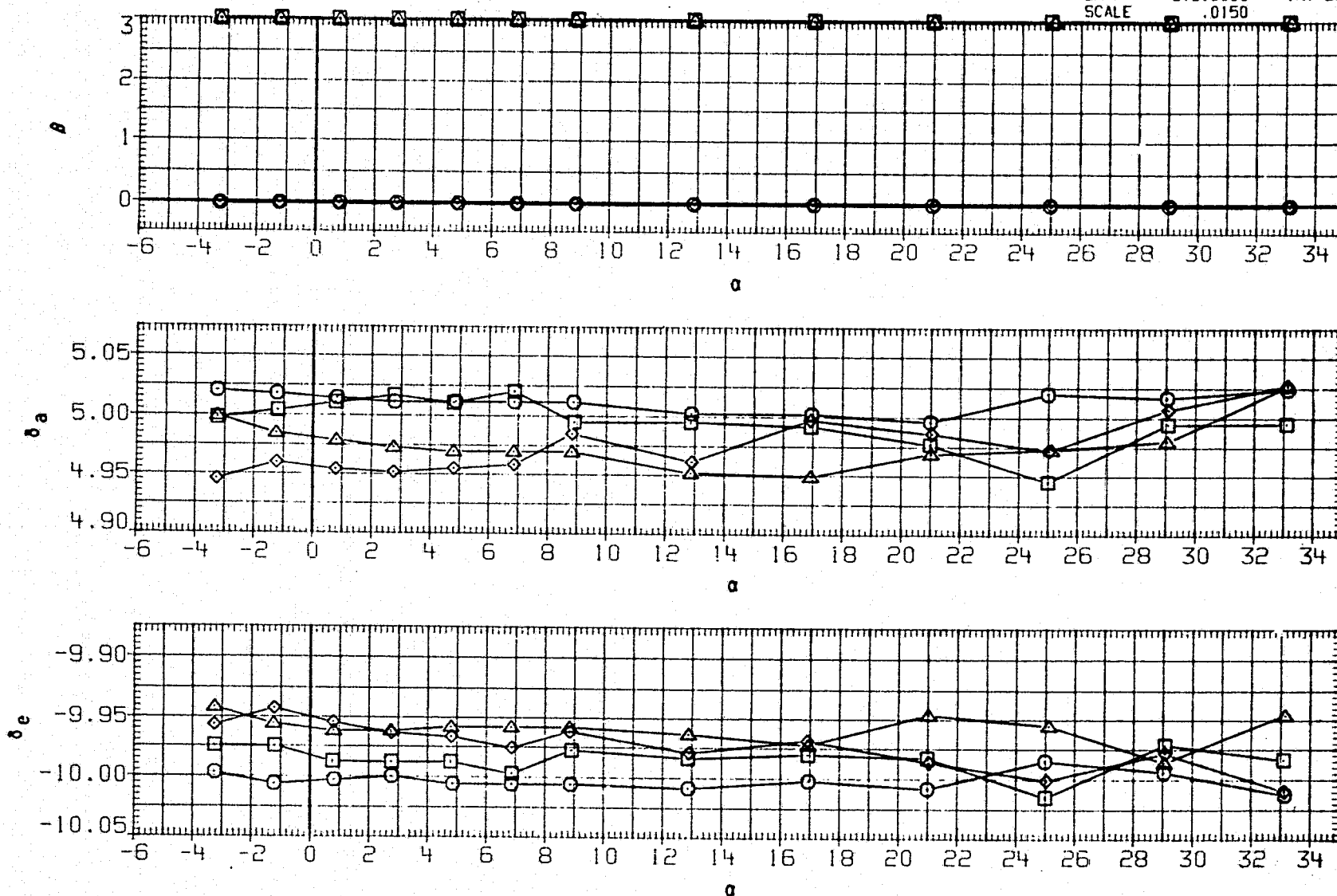


FIGURE 24. BODY FLAP EFFECTIVENESS AT 5 DEGREES OF AILERON,  
BETA AT ZERO AND THREE DEGREES

(C) MACH = 4.60

APPENDIX  
TABULATED SOURCE DATA

Tabulations of plotted data are available  
from Data Management Services upon request.

LA75 TABULATED SAUCE DATA

PAGE 1

LARC UPWT 1173(LA75)B26C9E43F8M!6N28R5V8W

(RJH001)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BOFLAP = .000

RUN NO. 1/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.371	-.16153	.09864	-.01549	-.15354	.11067	-1.38742	.01247	.00011	-.00009	-.00058
2.860	-2.330	-.10580	.09668	-.01609	-.10278	.10094	-1.01822	.01265	.00006	-.00024	-.00054
2.860	-.278	-.05140	.09363	-.01665	-.05094	.09388	-.54264	.01265	.00020	-.00050	-.00044
2.860	1.740	.00347	.09090	-.01723	.00071	.09097	.00775	.01259	.00019	-.00044	-.00114
2.860	3.782	.05924	.08790	-.01747	.05331	.09162	.58189	.01274	.00006	-.00052	-.00027
2.860	5.795	.11969	.08402	-.01858	.10960	.09557	1.14677	.01305	.00011	-.00034	-.00030
2.860	7.814	.18244	.08091	-.01957	.16975	.10496	1.61724	.01327	.00016	-.00045	.00004
2.860	11.919	.32121	.07681	-.02441	.29842	.14150	2.10901	.01368	.00045	-.00042	-.00042
2.860	15.966	.46607	.07092	-.03182	.42859	.19638	2.18242	.01419	.00022	-.00068	-.00083
2.860	20.077	.62162	.06558	-.04092	.56133	.27499	2.04131	.01423	.00027	-.00080	-.00081
2.860	24.151	.78042	.06108	-.04846	.68712	.37503	1.83218	.01393	.00042	-.00065	-.00068
2.860	28.253	.95311	.05799	-.05589	.80947	.50083	1.61628	.01400	.00061	-.00069	-.00017
2.860	32.297	1.13055	.05220	-.06633	.92775	.64818	1.43132	.01427	.00040	-.00070	.00025

## LA75 TABULATED SAOUCE DATA

PAGE 2

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH002)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 6/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.349	-.16219	.09884	-.01720	-.15423	.11085	-1.39132	.01253	-.00239	.00479	-.06281
2.860	-2.314	-.10719	.09697	-.01791	-.10319	.10122	-1.01947	.01273	-.00247	.00415	-.05925
2.860	-.307	-.05210	.09486	-.01822	-.05159	.09514	-.54228	.01292	-.00261	.00356	-.05625
2.860	1.713	.00301	.09158	-.01908	.00027	.09163	.00292	.01303	-.00278	.00259	-.05279
2.860	3.765	.06030	.08820	-.01915	.05438	.09197	.59126	.01303	-.00279	.00134	-.04959
2.860	5.817	.12104	.08472	-.02001	.11183	.09655	1.15826	.01320	-.00283	.00046	-.04711
2.860	7.837	.18660	.08146	-.02148	.17375	.10614	1.63704	.01350	-.00295	-.00018	-.04504
2.860	11.953	.32595	.07711	-.02602	.30291	.14295	2.11909	.01403	-.00358	-.00197	-.04121
2.860	15.995	.47118	.07108	-.03365	.43335	.19816	2.18692	.01442	-.00461	-.00355	-.03943
2.860	20.066	.62424	.06559	-.04292	.56385	.27578	2.04455	.01448	-.00461	-.00549	-.03674
2.860	24.128	.78336	.06060	-.04998	.69015	.37552	1.83787	.01421	-.00438	-.00756	-.03367
2.860	28.211	.95358	.05740	-.05752	.81317	.50136	1.62194	.01444	-.00447	-.00848	-.03173
2.860	32.330	1.13472	.05334	-.06674	.93029	.65191	1.42701	.01437	-.00585	-.00732	-.03530

## LA75 TABULATED SAOUCE DATA

PAGE 3

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH003)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO.		2/ 0	RN/L =	.00									
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
2.860	-4.364	-.18489	.10264	.00132	-.17654	.11641	-1.51658	.01225	.00023	.00019	-.00087		
2.860	-2.336	-.12973	.09975	-.00067	-.12455	.10492	-1.18714	.01238	.00018	-.00006	-.00090		
2.860	-.308	-.07206	.09620	-.00212	-.07154	.09659	-.74072	.01239	.00024	-.00026	-.00017		
2.860	1.708	-.01677	.09262	-.00304	-.01952	.09208	-.21198	.01233	.00031	-.00032	-.00000		
2.860	3.745	.03987	.08875	-.00348	.03399	.09117	.37279	.01261	.00017	-.00039	-.00017		
2.860	5.612	.10120	.08440	-.00501	.09213	.09421	.97795	.01282	.00020	-.00031	-.00037		
2.860	7.857	.16456	.08063	-.00510	.15203	.10232	1.48580	.01301	.00029	-.00026	.00010		
2.860	11.899	.30026	.07616	-.00782	.27810	.13644	2.03832	.01355	.00033	-.00027	-.00021		
2.860	15.982	.44306	.06910	-.01329	.40691	.18841	2.15965	.01448	.00033	-.00047	-.00056		
2.860	20.052	.59217	.06332	-.01901	.53456	.26252	2.03631	.01470	.00037	-.00065	-.00026		
2.860	24.120	.74694	.05748	-.02235	.65824	.35769	1.84022	.01430	.00043	-.00060	-.00102		
2.860	28.240	.91247	.05342	-.02595	.77858	.47882	1.62606	.01393	.00043	-.00057	-.00005		
2.860	32.315	1.08862	.04675	-.03256	.89502	.62145	1.44021	.01395	.00018	-.00040	-.00026		



## LA75 TABULATED SAOUCE DATA

PAGE 4

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJM004)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO.		5/ 0	RN/L =		.00						
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.345	-.18482	.10256	-.00044	-.17652	.11627	-1.51819	.01258	-.00190	.00486	-.06244
2.860	-2.318	-.12922	.09993	-.00242	-.12407	.10503	-1.18126	.01264	-.00192	.00429	-.05946
2.860	-.340	-.07388	.09696	-.00361	-.07330	.09740	-.75263	.01264	-.00200	.00360	-.05635
2.860	1.731	-.01465	.09337	-.00504	-.01747	.09289	-.18805	.01269	-.00222	.00258	-.05307
2.860	3.752	.04144	.08927	-.00533	.03551	.09179	.38682	.01275	-.00226	.00139	-.04937
2.860	5.821	.10178	.08519	-.00629	.09262	.09507	.97419	.01296	-.00226	.00039	-.04682
2.860	7.839	.16586	.08142	-.00673	.15321	.10328	1.48345	.01319	-.00221	-.00020	-.04455
2.860	11.893	.30068	.07674	-.00922	.27841	.13706	2.03128	.01380	-.00295	-.00196	-.04091
2.860	15.968	.44406	.06981	-.01441	.40772	.18927	2.15416	.01446	-.00383	-.00368	-.03861
2.860	20.073	.59502	.06358	-.02049	.53705	.26394	2.03476	.01463	-.00409	-.00554	-.03697
2.860	24.139	.74991	.05735	-.02372	.66089	.35901	1.84086	.01431	-.00378	-.00759	-.03332
2.860	28.234	.91365	.05302	-.02719	.77996	.47894	1.62831	.01420	-.00394	-.00856	-.03203
2.860	32.327	1.08983	.04779	-.03190	.89537	.62316	1.43682	.01420	-.00544	-.00717	-.03499

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 5

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH005)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6000 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 3/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.355	-.1848	.10363	.00116	-.17648	.11737	-1.50358	.01222	.00372	.00171	-.00117
2.860	-2.322	-.12734	.10053	-.00055	-.12316	.10560	-1.16623	.01239	.00328	.00138	-.00105
2.860	-.287	-.07170	.09695	-.00223	-.07121	.09731	-.73184	.01251	.00317	.00095	-.00086
2.860	1.759	-.01515	.09332	-.00327	-.01800	.09281	-.19398	.01252	.00305	.00071	-.00121
2.860	3.741	.03970	.08966	-.00367	.03377	.09206	.36677	.01269	.00275	.00057	-.00119
2.860	5.784	.10124	.08527	-.00516	.09213	.09504	.96936	.01290	.00266	.00040	-.00060
2.860	7.812	.16344	.08153	-.00539	.15084	.10299	1.46470	.01308	.00285	.00023	-.00036
2.860	11.910	.30170	.07648	-.00882	.27943	.13710	2.03818	.01372	.00301	-.00005	-.00021
2.860	15.976	.44509	.07013	-.01427	.40860	.18992	2.15137	.01434	.00322	-.00048	-.00022
2.860	20.064	.59481	.06434	-.02017	.53664	.26449	2.02891	.01451	.00368	-.00074	-.00005
2.860	24.129	.74957	.05878	-.02396	.66004	.36006	1.83314	.01418	.00415	-.00073	-.00037
2.860	28.219	.91626	.05474	-.02814	.78148	.48148	1.62307	.01404	.00466	-.00107	.00028
2.860	32.325	1.09218	.04802	-.03479	.89725	.62458	1.43656	.01408	.00510	-.00115	.00052

## LA75 TABULATED SAUCE DATA

PAGE 6

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJM006)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 4/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.360	-.18654	.!0386	.00029	-.17811	.11775	-1.51264	.01241	.00169	.00604	-.06310
2.860	-2.332	-.12915	.10082	-.00164	-.12494	.10599	-1.17880	.01269	.00136	.00527	-.05912
2.860	-.295	-.07261	.09795	-.00313	-.07210	.09832	-.73329	.01280	.00093	.00445	-.05607
2.860	1.713	-.01632	.09415	-.00434	-.01912	.09362	-.20425	.01286	.00070	.00325	-.05279
2.860	3.763	.04104	.09003	-.00493	.03504	.09253	.37869	.01288	.00044	.00193	-.04879
2.860	5.795	.10132	.08607	-.00598	.09211	.09586	.96091	.01307	.00033	.00082	-.04652
2.860	7.824	.16538	.08222	-.00679	.15265	.10397	1.46821	.01322	.00022	-.00001	-.04426
2.860	11.906	.30137	.07711	-.00959	.27898	.13763	2.02703	.01384	-.00033	-.00194	-.03993
2.860	15.975	.44393	.07036	-.01475	.40742	.18983	2.14627	.01438	-.00086	-.00364	-.03783
2.860	20.075	.59581	.06415	-.02100	.53759	.26477	2.03039	.01461	-.00068	-.00578	-.03496
2.860	24.150	.74983	.05856	-.02447	.66024	.36021	1.83294	.01431	.00013	-.00797	-.03200
2.860	28.240	.91625	.05419	-.02832	.78155	.48128	1.62389	.01431	.00036	-.00909	-.03080
2.860	32.320	1.09112	.04894	-.03333	.89592	.62472	1.43412	.01420	-.00062	-.00789	-.03415

LA75 TABULATED SAOUCE DATA

PAGE 7

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH007)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 278/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.350	-.16003	.10196	-.01311	-.15183	.11381	-1.33415	.01222	-.00373	.00655	-.01323
2.860	-2.328	-.10497	.09921	-.01383	-.10086	.10340	-.97542	.01243	-.00357	.00606	-.01275
2.860	-.282	-.04815	.09594	-.01443	-.04767	.09617	-.49571	.01251	-.00320	.00568	-.01205
2.860	1.729	.00550	.09351	-.01558	.00268	.09364	.02857	.01261	-.00306	.00532	-.01161
2.860	3.752	.06147	.09061	-.01583	.05540	.09444	.58668	.01274	-.00311	.00511	-.01183
2.860	5.846	.12314	.08659	-.01756	.11368	.09868	1.15200	.01305	-.00292	.00481	-.01114
2.860	7.905	.18775	.08332	-.01875	.17450	.10835	1.61063	.01334	-.00266	.00463	-.01023
2.860	11.958	.32735	.07858	-.02344	.30396	.14470	2.10064	.01397	-.00231	.00422	-.00994
2.860	15.971	.47132	.07256	-.03142	.43316	.19944	2.17187	.01436	-.00222	.00354	-.00897
2.860	20.075	.62681	.06677	-.04137	.56581	.27787	2.03627	.01469	-.00183	.00247	-.00798
2.860	24.113	.78539	.06191	-.04954	.69157	.37738	1.83255	.01445	-.00125	.00175	-.00685
2.860	28.212	.95912	.05890	-.05852	.81733	.50532	1.61747	.01453	-.00074	.00108	-.00484
2.860	32.417	1.14711	.05332	-.06978	.93977	.65995	1.42400	.01464	-.00053	.00044	-.00426

## LA75 TABULATED SAOUCE DATA

PAGE 8

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM008)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 279/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.334	-.18426	.10459	.00347	-.17583	.11822	-1.48732	.01225	-.00380	.00671	-.01330
2.860	-2.275	-.12524	.10154	.00163	-.12111	.10643	-1.13790	.01233	-.00356	.00626	-.01265
2.860	-.271	-.06900	.09770	-.00024	-.06854	.09803	-.69915	.01240	-.00329	.00570	-.01221
2.860	1.756	-.01371	.09427	-.00147	-.01660	.09381	-.17691	.01254	-.00311	.00550	-.01156
2.860	3.773	.04229	.09045	-.00197	.03625	.09304	.38960	.01276	-.00307	.00524	-.01119
2.860	5.805	.10314	.08590	-.00385	.09393	.09590	.97947	.01310	-.00305	.00505	-.01112
2.860	7.841	.16623	.08228	-.00408	.15345	.10419	1.47272	.01332	-.00284	.00468	-.01033
2.860	11.893	.30271	.07714	-.00690	.28032	.13787	2.03315	.01396	-.00243	.00431	-.00978
2.860	15.975	.44623	.07028	-.01253	.40965	.19038	2.15180	.01474	-.00232	.00366	-.00857
2.860	20.041	.59486	.06396	-.01850	.53692	.26394	2.03424	.01500	-.00197	.00261	-.00792
2.860	24.207	.75512	.05730	-.02316	.66523	.36189	1.83922	.01481	-.00145	.00179	-.00640
2.860	28.194	.91773	.05332	-.02706	.78365	.48057	1.63067	.01451	-.00099	.00111	-.00469
2.860	32.371	1.09681	.04644	-.03384	.90150	.62645	1.43907	.01443	-.00065	.00054	-.00406

## LA75 TABULATED SAOUCE DATA

PAGE 9

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH009)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 25.000  
 RUDDER = -10.000 BCFLAP = .000

RUN NO. 280/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.357	-.18505	.10528	.00379	-.17651	.11903	-1.48293	.01234	-.00034	.00807	-.01421
2.860	-2.311	-.12913	.10208	.00172	-.12391	.10716	-1.15635	.01242	-.00032	.00737	-.01360
2.860	-.272	-.06981	.09827	-.00010	-.06934	.09860	-.70323	.01259	-.00025	.00673	-.01247
2.860	1.720	-.01542	.09515	-.00138	-.01827	.09464	-.19307	.01268	-.00025	.00624	-.01228
2.860	3.808	.04303	.09122	-.00229	.03688	.09388	.39287	.01281	-.00037	.00585	-.01157
2.860	5.812	.10350	.08662	-.00393	.09420	.09666	.97454	.01317	-.00041	.00548	-.01101
2.860	7.856	.16662	.08282	-.00449	.15374	.10481	1.46680	.01355	-.00015	.00506	-.01016
2.860	11.911	.30314	.07758	-.00770	.28060	.13848	2.02634	.01394	.00032	.00435	-.00925
2.860	16.006	.44874	.07131	-.01337	.41168	.19228	2.14103	.01436	.00072	.00354	-.00819
2.860	20.038	.59468	.06480	-.01981	.53648	.26464	2.02722	.01489	.00164	.00240	-.00683
2.860	24.139	.75373	.05858	-.02449	.66386	.36170	1.83540	.01460	.00264	.00149	-.00551
2.860	28.289	.92291	.05426	-.02899	.78697	.48516	1.62210	.01458	.00359	.00056	-.00378
2.860	32.364	1.09778	.04761	-.03567	.90177	.62784	1.43630	.01453	.00452	-.00033	-.00304

## LA75 TABULATED SAOUCE DATA

PAGE 10

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH010)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	281/ 0	RN/L =	.00						
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.360	-.18786	.10633	.00426	-.17923	.12031	-1.48975	.01234	-.00215	.01226	-.07420
2.860	-2.318	-.13019	.10338	.00221	-.12590	.10856	-1.15978	.01267	-.00218	.01129	-.07005
2.860	-.284	-.07275	.10009	.00047	-.07225	.10045	-.71928	.01290	-.00243	.01020	-.06651
2.860	1.728	-.01646	.09642	-.00116	-.01936	.09588	-.20188	.01297	-.00253	.00882	-.06296
2.860	3.805	.04197	.09204	-.00255	.03577	.09462	.37800	.01312	-.00271	.00731	-.05913
2.860	5.803	.10121	.08804	-.00366	.09179	.09783	.93827	.01339	-.00271	.00605	-.05633
2.860	7.869	.16622	.08426	-.00466	.15312	.10623	1.44144	.01354	-.00265	.00503	-.05377
2.860	11.933	.30252	.07875	-.00695	.27970	.13960	2.00362	.01408	-.00309	.00278	-.04869
2.860	15.961	.44491	.07124	-.01273	.40817	.19084	2.13884	.01464	-.00345	.00041	-.04496
2.860	20.078	.59544	.06440	-.02015	.53714	.26490	2.02772	.01491	-.00284	-.00266	-.04134
2.860	24.154	.75313	.05788	-.02469	.66351	.36098	1.83806	.01472	-.00161	-.00572	-.03646
2.860	28.219	.91852	.05326	-.02891	.78417	.48125	1.52942	.01479	-.00073	-.00747	-.03363
2.860	32.355	1.09577	.04840	-.03347	.89975	.62731	1.43429	.01483	-.00114	-.00722	-.03544

## LA75 TABULATED SAOUCE DATA

PAGE 11

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH011)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 102/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.338	-.16280	.10438	-.00948	-.15444	.11639	-1.32689	.01178	.00015	.00007	.00079
2.860	-2.311	-.10945	.10204	-.01006	-.10425	.10633	-.98046	.01195	.00014	-.00005	.00125
2.860	-.300	-.05258	.09854	-.01075	-.05206	.09881	-.52688	.01191	.00021	-.00022	.00070
2.860	1.755	.00321	.09578	-.01139	.00028	.09584	.00289	.01197	.00026	-.00027	.00059
2.860	3.830	.05913	.09249	-.01161	.05282	.09623	.54885	.01216	.00010	-.00040	.00040
2.860	5.765	.11761	.08826	-.01291	.10815	.09962	1.08554	.01260	.00011	-.00029	.00063
2.860	7.821	.18175	.08495	-.01432	.16850	.10890	1.54736	.01291	.00017	-.00027	.00075
2.860	11.926	.32317	.08014	-.02055	.29964	.14519	2.06372	.01371	.00034	-.00029	.00051
2.860	15.988	.46865	.07384	-.02898	.43018	.20006	2.15023	.01426	.00026	-.00036	.00046
2.860	20.100	.62339	.06804	-.03887	.56204	.27813	2.02079	.01438	.00046	-.00058	-.00001
2.860	24.177	.78484	.06312	-.04729	.69015	.37902	1.82089	.01425	.00063	-.00042	-.00045
2.860	28.222	.95531	.05931	-.05606	.81369	.50402	1.61441	.01427	.00055	-.00048	.00010
2.860	32.284	1.13272	.05271	-.06792	.92946	.64957	1.43089	.01436	.00041	-.00045	-.00010

RUN NO. 108/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.696	-.14152	.09435	-.02107	-.13515	.10328	-1.30860	.00711	.00002	.00093	-.00225
3.900	-1.655	-.10246	.09016	-.01817	-.09981	.09309	-1.07225	.00721	-.00002	.00077	-.00232
3.900	.350	-.06072	.08526	-.01609	-.06124	.08489	-.72150	.00726	.00010	.00071	-.00222
3.900	2.359	-.01723	.08176	-.01515	-.02058	.08099	-.25415	.00729	.00016	.00080	-.00207
3.900	4.386	.02715	.07876	-.01391	.02104	.08060	.26108	.00748	.00004	.00081	-.00231
3.900	6.392	.07805	.07450	-.01446	.06927	.08272	.83738	.00768	.00007	.00084	-.00150
3.900	8.457	.13152	.07267	-.01460	.11940	.09122	1.30890	.00798	.00009	.00087	-.00137
3.900	12.482	.24200	.06962	-.01594	.22123	.12028	1.83932	.00820	.00005	.00096	-.00182
3.900	16.538	.37204	.06716	-.01796	.33754	.17028	1.98223	.00845	.00030	.00042	-.00133
3.900	20.568	.51444	.06457	-.02113	.45896	.24119	1.90294	.00847	.00049	.00032	-.00145
3.900	24.718	.67368	.06276	-.02540	.58571	.33871	1.72927	.00843	.00069	.00040	-.00152
3.900	28.757	.84358	.06138	-.03282	.71001	.45965	1.54466	.00839	.00085	.00023	-.00222
3.900	32.858	1.02621	.05895	-.04352	.83005	.60630	1.36905	.00843	.00111	.00003	-.00193



## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH011)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 39.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 115/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.208	-.13502	.09481	-.02266	-.12950	.10222	-1.26693	.00568	-.00021	.00250	-.00748
4.600	-1.262	-.09529	.08867	-.01939	-.09431	.09077	-1.03898	.00574	-.00037	.00228	-.00731
4.600	.735	-.05500	.08329	-.01783	-.05607	.08258	-.67892	.00578	-.00044	.00208	-.00685
4.600	2.777	-.01364	.07904	-.01660	-.01745	.07828	-.22295	.00593	-.00040	.00227	-.00691
4.600	4.791	.02958	.07493	-.01516	.02322	.07714	.30096	.00600	-.00043	.00197	-.00646
4.600	6.779	.07662	.07064	-.01442	.06774	.07919	.85548	.00619	-.00053	.00207	-.00685
4.600	8.817	.12692	.06854	-.01311	.11492	.08719	1.31807	.00625	-.00051	.00188	-.00624
4.600	12.844	.23474	.06546	-.01372	.21431	.11601	1.84738	.00641	-.00033	.00145	-.00513
4.600	16.890	.36036	.06442	-.01524	.32610	.16634	1.96046	.00647	-.00055	.00135	-.00599
4.600	20.973	.50423	.06395	-.01654	.44794	.24019	1.86491	.00651	-.00033	.00133	-.00622
4.600	24.972	.65747	.06217	-.02060	.56976	.33393	1.70621	.00654	-.00001	.00116	-.00548
4.600	29.038	.82407	.06151	-.02779	.69064	.45377	1.52201	.00657	-.00004	.00122	-.00627
4.600	33.062	.99832	.06109	-.03604	.80334	.59583	1.34827	.00654	-.00002	.00101	-.00628

## LA75 TABULATED SAOUCE DATA

PAGE 13

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH012)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPOBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 112/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CO	L/D	CAB	CBL	CYN	CY
3.900	-3.687	-.14097	.09421	-.02133	-.13462	.10308	-1.30589	.00721	-.00054	.00359	-.05442
3.900	-1.688	-.10222	.09070	-.01838	-.09951	.09367	-1.06225	.00724	-.00121	.00330	-.05217
3.900	.349	-.05891	.08683	-.01614	-.05944	.08647	-.68738	.00736	-.00177	.00295	-.04974
3.900	2.379	-.01451	.08257	-.01595	-.01792	.08190	-.21885	.00748	-.00210	.00239	-.04739
3.900	4.362	.03041	.07850	-.01533	.02435	.08059	.30222	.00766	-.00246	.00176	-.04508
3.900	6.438	.08140	.07542	-.01541	.07243	.08408	.86145	.00783	-.00280	.00123	-.04327
3.900	8.465	.13391	.07303	-.01607	.12171	.09195	1.32358	.00798	-.00302	.00094	-.04171
3.900	12.537	.24637	.06980	-.01715	.22534	.12161	1.85302	.00828	-.00391	.00067	-.04091
3.900	16.506	.37519	.06728	-.01872	.34062	.17111	1.99068	.00850	-.00423	-.00092	-.03802
3.900	20.626	.51882	.06543	-.02240	.46252	.24401	1.89550	.00850	-.00408	-.00325	-.03491
3.900	24.648	.67331	.06346	-.02663	.58549	.33848	1.72976	.00857	-.00396	-.00487	-.03236
3.900	28.727	.84472	.06232	-.03350	.71080	.46065	1.54305	.00862	-.00408	-.00554	-.03061
3.900	32.726	1.02287	.06008	-.04303	.82802	.60353	1.37196	.00860	-.00587	-.00385	-.03480

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH013)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBFK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 103/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.380	-.18729	.10821	.00704	-.17848	.12220	-1.46060	.01149	.00017	.00017	.00051
2.860	-2.295	-.12935	.10473	.00520	-.12505	.10983	-1.13862	.01165	.00020	.00001	.00066
2.860	-.307	-.07323	.10104	.00354	-.07268	.10143	-.71660	.01172	.00020	-.00015	.00047
2.860	1.717	-.01776	.09734	.00255	-.02067	.09676	-.21360	.01170	.00028	-.00026	.00014
2.860	3.758	.03928	.09344	.00213	.03307	.09582	.34511	.01197	.00014	-.00033	.00051
2.860	5.880	.10339	.08939	.00034	.09379	.09852	.95201	.01246	.00012	-.00025	.00037
2.850	7.848	.16490	.08451	-.00021	.15182	.10624	1.42905	.01275	.00021	-.00019	.00060
2.860	11.875	.29932	.07950	-.00387	.27656	.13940	1.98397	.01349	.00029	-.00008	.00037
2.860	16.010	.44376	.07229	-.00970	.40661	.19187	2.11918	.01429	.00030	-.00028	.00009
2.860	20.034	.59319	.06558	-.01622	.53483	.26482	2.01957	.01479	.00030	-.00045	-.00023
2.860	24.172	.75229	.05897	-.02047	.66219	.36184	1.83004	.01462	.00036	-.00033	-.00092
2.860	28.231	.91527	.05415	-.02507	.78078	.48065	1.62442	.01427	.00027	-.00049	-.00052
2.860	32.360	1.09283	.04651	-.03321	.89822	.62421	1.43897	.01409	.00014	-.00033	-.00069

RUN NO. 109/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.649	-.15340	.09580	-.01193	-.14699	.10537	-1.39502	.00709	.00001	.00105	-.00182
3.900	-1.641	-.11386	.09142	-.00953	-.11120	.09464	-1.17491	.00721	.00000	.00091	-.00217
3.900	.361	-.07016	.08625	-.00778	-.07070	.08580	-.82399	.00719	.00011	.00085	-.00201
3.900	2.393	-.02612	.08234	-.00730	-.02954	.08118	-.36386	.00729	.00020	.00079	-.00176
3.900	4.440	.01925	.07885	-.00636	.01309	.08010	.16341	.00748	.00013	.00087	-.00159
3.900	6.430	.06814	.07435	-.00655	.05939	.08152	.72852	.00768	.00006	.00090	-.00159
3.900	8.416	.11971	.07256	-.00553	.10780	.08930	1.20718	.00788	.00004	.00092	-.00165
3.900	12.467	.22715	.06916	-.00475	.20686	.11657	1.77460	.00818	-.00006	.00098	-.00172
3.900	16.626	.35675	.06618	-.00371	.32290	.16549	1.95117	.00838	.00027	.00048	-.00090
3.900	20.624	.49235	.06305	-.00345	.43859	.23243	1.88694	.00845	.00037	.00042	-.00159
3.900	24.664	.64306	.06043	-.00358	.55918	.32327	1.72977	.00845	.00042	.00059	-.00167
3.900	28.746	.80818	.05758	-.00645	.68088	.43916	1.55042	.00843	.00061	.00037	-.00195
3.900	32.850	.98511	.05394	-.01245	.79833	.57967	1.37720	.00843	.00078	.00026	-.00168

## LA75 TABULATED SAOUCE DATA

PAGE 15

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH013)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPD BRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 116/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.266	-.14549	.09624	-.01559	-.13977	.10437	-1.33910	.00571	-.00017	.00252	-.00762
4.600	-1.280	-.10567	.08994	-.01244	-.10464	.09230	-1.13363	.00574	-.00033	.00230	-.00742
4.600	.764	-.06339	.08395	-.01210	-.06450	.08310	-.77622	.00578	-.00034	.00212	-.00721
4.600	2.772	-.02146	.07977	-.01092	-.02529	.07864	-.32163	.00587	-.00039	.00221	-.00772
4.600	4.777	.02173	.07518	-.00954	.01540	.07673	.20065	.00593	-.00040	.00200	-.00684
4.600	6.570	.06355	.07104	-.00845	.05500	.07784	.70662	.00619	-.00051	.00208	-.00648
4.600	8.800	.11723	.06838	-.00556	.10539	.08551	1.23254	.00628	-.00052	.00199	-.00645
4.600	12.848	.22354	.06501	-.00440	.20348	.11309	1.79928	.00641	-.00040	.00145	-.00602
4.600	16.888	.34469	.06367	-.00290	.31133	.16106	1.93298	.00651	-.00056	.00140	-.00597
4.600	20.944	.48210	.06251	-.00046	.42790	.23071	1.85473	.00657	-.00046	.00143	-.00636
4.600	24.982	.63146	.05991	-.00042	.54708	.32100	1.70432	.00660	-.00019	.00131	-.00577
4.600	29.061	.79231	.05829	-.00274	.66424	.43581	1.52417	.00654	-.00032	.00122	-.00680
4.600	33.124	.96303	.05682	-.00619	.77548	.57383	1.35140	.00647	-.00034	.00125	-.00661

## LA75 TABULATED SAOUCE DATA

PAGE 16

LARC UPWT 1173(LA75)B2SC9E43F8M16N2BR5V8W

(RJH014)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 104/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.385	-.18712	.10890	.00706	-.17825	.12288	-1.45055	.01162	.00363	.00159	-.00061
2.860	-2.333	-.13018	.10569	.00546	-.12577	.11091	-1.13403	.01180	.00334	.00118	-.00137
2.860	-.267	-.07258	.10172	.00349	-.07210	.10206	-.70649	.01187	.00308	.00083	-.00074
2.860	1.713	-.01697	.09794	.00247	-.01989	.09739	-.20425	.01197	.00299	.00060	-.00084
2.860	3.784	.04080	.09401	.00204	.03451	.09650	.35762	.01214	.00277	.00041	-.00072
2.860	5.765	.10906	.08934	.00017	.09058	.09894	.91550	.01250	.00259	.00017	-.00041
2.860	7.813	.16412	.08541	-.00037	.15099	.10693	1.41208	.01270	.00269	.00018	.00012
2.860	11.891	.30041	.08011	-.00475	.27746	.14028	1.97781	.01346	.00301	-.00004	.00013
2.860	16.012	.44610	.07298	-.01046	.40866	.19320	2.11514	.01426	.00319	-.00029	-.00015
2.860	20.057	.59491	.06628	-.01749	.53610	.26629	2.01326	.01483	.00376	-.00059	-.00022
2.860	24.170	.75324	.06036	-.02222	.66250	.36348	1.82263	.01443	.00434	-.00062	-.00024
2.860	28.199	.91595	.05537	-.02683	.78107	.48162	1.62174	.01436	.00488	-.00093	.00004
2.860	32.337	1.09458	.04779	-.03505	.89927	.62588	1.43681	.01424	.00523	-.00114	-.00023
RUN NO. 110/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.679	-.15388	.09639	-.01145	-.14738	.10607	-1.38950	.00709	.00231	.00179	-.00277
3.900	-1.671	-.11437	.09195	-.00927	-.11164	.09525	-1.17217	.00724	.00222	.00164	-.00277
3.900	.385	-.07082	.08682	-.00759	-.07140	.08634	-.82701	.00721	.00211	.00141	-.00263
3.900	2.373	-.02707	.08268	-.00704	-.03047	.08148	-.37390	.00748	.00199	.00142	-.00247
3.900	4.378	.01810	.07943	-.00624	.01198	.08058	.14869	.00753	.00171	.00127	-.00232
3.900	6.443	.06886	.07493	-.00656	.06002	.08219	.73030	.00761	.00158	.00122	-.00192
3.900	8.461	.12188	.07299	-.00603	.10982	.09013	1.21840	.00783	.00167	.00117	-.00150
3.900	12.483	.22819	.06966	-.00532	.20774	.11733	1.77049	.00820	.00183	.00109	-.00151
3.900	16.536	.35465	.06671	-.00453	.32099	.16489	1.94676	.00848	.00240	.00061	-.00100
3.900	20.630	.49422	.06357	-.00457	.44013	.23363	1.88393	.00857	.00306	.00042	-.00109
3.900	24.670	.64517	.06115	-.00501	.56076	.32486	1.72617	.00848	.00364	.00039	-.00098
3.900	28.718	.80896	.05852	-.00825	.68134	.44002	1.54842	.00845	.00443	-.00002	-.00143
3.900	32.812	.98652	.05514	-.01444	.79924	.58092	1.37583	.00843	.00523	-.00032	-.00096

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## LA75 TABULATED SAOUCE DATA

PAGE 17

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH014)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 117/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.270	-.14629	.09679	-.01510	-.14053	.10498	-1.33862	.00575	.00177	.00311	-.00814
4.600	-1.272	-.10532	.09041	-.01185	-.10429	.09274	-1.12447	.00571	.00151	.00288	-.00796
4.600	.748	-.06341	.08465	-.01151	-.06451	.08382	-.76950	.00578	.00123	.00259	-.00781
4.600	2.788	-.02172	.08029	-.01048	-.02560	.07914	-.32345	.00578	.00103	.00257	-.00783
4.600	4.794	.02187	.07570	-.00925	.01546	.07727	.20012	.00590	.00085	.00226	-.00700
4.600	6.788	.06943	.07115	-.00812	.06053	.07886	.76759	.00613	.00067	.00226	-.00698
4.600	8.858	.11907	.06885	-.00592	.10704	.08636	1.23947	.00625	.00075	.00216	-.00649
4.600	12.869	.22461	.06558	-.00489	.20436	.11396	1.79322	.00632	.00112	.00143	-.00554
4.600	16.826	.34478	.06410	-.00366	.31146	.16115	1.93272	.00657	.00120	.00140	-.00542
4.600	20.950	.48445	.06317	-.00138	.42984	.23221	1.85108	.00657	.00182	.00137	-.00561
4.600	24.977	.63403	.06056	-.00175	.54917	.32262	1.70221	.00660	.00267	.00089	-.00522
4.600	28.994	.79238	.05916	-.00439	.66440	.43582	1.52447	.00660	.00314	.00093	-.00569
4.600	33.049	.96335	.05775	-.00793	.77599	.57378	1.35243	.00660	.00386	.00061	-.00526

## LA75 TABULATED SAOUCE DATA

PAGE 18

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH015)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 105/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.356	-.18880	.10931	.00650	-.17996	.12333	-1.45916	.01179	.00124	.00676	-.06438
2.860	-2.269	-.12950	.10604	.00446	-.12519	.11108	-1.12702	.01196	.00095	.00605	-.06085
2.860	-.287	-.07400	.10289	.00321	-.07348	.10326	-.71161	.01215	.00058	.00515	-.05819
2.860	1.727	-.01817	.09886	.00150	-.02114	.09827	-.21516	.01227	.00017	.00405	-.05457
2.860	3.752	.03901	.09455	.00084	.03274	.09690	.33783	.01240	-.00002	.00274	-.05081
2.860	5.798	.10038	.09038	-.00052	.09073	.10006	.00677	.01251	-.00007	.00168	-.04830
2.860	7.883	.16608	.08642	-.00187	.15266	.10838	1.40854	.01277	-.00029	.00092	-.04654
2.860	11.956	.30300	.08111	-.00518	.27962	.14212	1.96752	.01335	-.00086	-.00124	-.04169
2.860	15.962	.44479	.07334	-.01096	.40747	.19283	2.11313	.01425	-.00135	-.00318	-.03878
2.860	20.032	.59331	.06655	-.01813	.53462	.26576	2.01164	.01449	-.00090	-.00565	-.03618
2.860	24.127	.75071	.05999	-.02217	.66061	.36161	1.82692	.01451	.00000	-.00829	-.03257
2.860	28.202	.91646	.05488	-.02679	.78173	.48146	1.62366	.01453	.00035	-.00942	-.03110
2.860	32.260	1.08976	.04882	-.03251	.89549	.62295	1.43748	.01445	-.00070	-.00809	-.03490

RUN NO. 111/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.717	-.15678	.09691	-.01097	-.15017	.10687	-1.40515	.00728	.00248	.00447	-.05321
3.900	-1.674	-.11526	.09270	-.00884	-.11250	.09603	-1.17148	.00728	.00159	.00387	-.05086
3.900	.370	-.07226	.08798	-.00680	-.07283	.08751	-.83216	.00781	.00089	.00359	-.04939
3.900	2.364	-.02680	.08375	-.00718	-.03024	.08257	-.36616	.00758	.00031	.00279	-.04598
3.900	4.401	.02034	.07921	-.00698	.01420	.08054	.17634	.00771	-.00026	.00200	-.04323
3.900	6.423	.06918	.07581	-.00672	.06026	.08308	.72537	.00783	-.00072	.00138	-.04151
3.900	8.445	.12165	.07319	-.00683	.10959	.09027	1.21406	.00803	-.00101	.00101	-.04038
3.900	12.488	.22990	.06949	-.00591	.20944	.11756	1.78159	.00823	-.00165	.00057	-.03912
3.900	16.616	.35992	.06658	-.00513	.32585	.16672	1.95449	.00838	-.00170	-.00110	-.03607
3.900	20.612	.49466	.06408	-.00541	.44043	.23412	1.88127	.00855	-.00110	-.00337	-.03300
3.900	24.644	.64765	.06151	-.00610	.56301	.32596	1.72722	.00862	-.00038	-.00516	-.03018
3.900	28.734	.81229	.05975	-.00875	.68354	.44290	1.54335	.00845	.00003	-.00599	-.02928
3.900	32.696	.98319	.05616	-.01396	.79706	.57837	1.37813	.00847	-.00116	-.00440	-.03296

## LA75 TABULATED SAUCE DATA

PAGE 19

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(RJH015)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO.		118/ 0	RN/L =		.00							
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	
4.600	-3.285	-.14676	.09615	-.01460	-.14101	.10441	-1.35059	.00584	.00225	.00454	-.05545	
4.600	-1.268	-.10768	.09122	-.01090	-.10563	.09358	-1.12877	.00587	.00135	.00425	-.05325	
4.600	.752	-.06496	.08596	-.01024	-.06608	.08510	-.77655	.00590	.00044	.00361	-.05100	
4.600	2.725	-.02210	.08048	-.01042	-.02590	.07934	-.32641	.00597	-.00020	.00288	-.04870	
4.600	4.782	.02323	.07559	-.00983	.01685	.07726	.21808	.00619	-.00098	.00224	-.04646	
4.600	6.786	.06885	.07206	-.00887	.05985	.07969	.75103	.00628	-.00158	.00181	-.04471	
4.600	8.792	.11911	.06900	-.00767	.10717	.08639	1.24048	.00647	-.00208	.00178	-.04381	
4.600	12.850	.22479	.06526	-.00540	.20465	.11362	1.80110	.00660	-.00261	.00069	-.04094	
4.600	16.899	.34559	.06382	-.00288	.31211	.16152	1.93235	.00663	-.00295	-.00057	-.03774	
4.600	20.927	.48456	.06289	-.00205	.43013	.23181	1.85554	.00663	-.00250	-.00217	-.03578	
4.600	24.988	.63404	.06119	-.00291	.54884	.32330	1.69762	.00670	-.00209	-.00336	-.03308	
4.600	28.999	.79233	.06003	-.00493	.66389	.43662	1.52053	.00670	-.00156	-.00431	-.03209	
4.600	33.067	.96300	.05779	-.00835	.77550	.57386	1.35137	.00663	-.00251	-.00364	-.03404	



## LA75 TABULATED SAOUCE DATA

PAGE 20

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH016)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 121/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.348	-.16345	.10627	-.00659	-.15492	.11836	-1.30895	.01197	-.00408	.00720	-.01455
2.860	-2.317	-.10935	.10369	-.00744	-.10407	.10799	-.96377	.01220	-.00393	.00668	-.01340
2.860	-.305	-.05349	.10023	-.00826	-.05296	.10051	-.52686	.01226	-.00366	.00607	-.01330
2.860	1.746	.00318	.09726	-.00894	.00021	.09732	.00219	.01235	-.00346	.00577	-.01284
2.860	3.798	.05976	.09373	-.00895	.05342	.09748	.54802	.01261	-.00339	.00540	-.01222
2.860	5.820	.12702	.08951	-.01057	.11032	.10122	1.08989	.01305	-.00328	.00517	-.01188
2.860	7.841	.18309	.08607	-.01214	.16963	.11024	1.53870	.01333	-.00295	.00495	-.01118
2.860	11.900	.32327	.08181	-.01852	.29945	.14671	2.04110	.01386	-.00258	.00453	-.01067
2.860	15.977	.46972	.07482	-.02713	.43098	.20121	2.14191	.01487	-.00249	.00406	-.01012
2.860	20.090	.62526	.06863	-.03737	.56365	.27923	2.01856	.01489	-.00215	.00320	-.00896
2.860	24.156	.78593	.06351	-.04527	.69112	.37957	1.82078	.01474	-.00135	.00235	-.00739
2.860	28.215	.95597	.05945	-.05446	.81428	.50434	1.61453	.01482	-.00089	.00147	-.00566
2.860	32.323	1.13898	.05269	-.06673	.93432	.65353	1.42965	.01487	-.00090	.00114	-.00517

RUN NO. 127/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.680	-.14171	.09421	-.01839	-.13537	.10312	-1.31280	.00779	-.00313	.00661	-.01009
3.900	-1.665	-.10203	.08919	-.01539	-.09939	.09212	-1.07903	.00794	-.00279	.00527	-.00853
3.900	-.354	-.06049	.08442	-.01356	-.06101	.08404	-.72590	.00802	-.00242	.00479	-.00804
3.900	2.389	-.01711	.08100	-.01280	-.02048	.08022	-.25525	.00813	-.00224	.00454	-.00783
3.900	4.392	.02781	.07790	-.01160	.02176	.07981	.27269	.00833	-.00222	.00453	-.00706
3.900	6.403	.07787	.07382	-.01201	.06915	.08204	.84291	.00835	-.00207	.00440	-.00700
3.900	8.464	.13213	.07220	-.01203	.12107	.09086	1.32142	.00855	-.00215	.00434	-.00696
3.900	12.484	.24207	.06916	-.01363	.22140	.11985	1.84722	.00878	-.00194	.00390	-.00636
3.900	16.529	.37259	.06663	-.01605	.33824	.16988	1.99106	.00900	-.00132	.00277	-.00509
3.900	20.622	.51526	.06354	-.01962	.45987	.24094	1.90864	.00915	-.00067	.00192	-.00297
3.900	24.670	.67141	.06132	-.02446	.58453	.33596	1.73987	.00912	-.00004	.00111	-.00193
3.900	28.726	.84052	.05980	-.03211	.70834	.45641	1.55198	.00912	.00038	.00045	-.00127
3.900	32.778	1.02083	.05726	-.04287	.82729	.60081	1.37696	.00912	.00081	.00013	-.00044

## LA75 TABULATED SAOUCE DATA

PAGE 21

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH016)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 133/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.261	-.13794	.09392	-.01968	-.13238	.10161	-1.30275	.00660	-.00256	.00613	-.01038
4.600	-1.253	-.09769	.08742	-.01672	-.09576	.08953	-1.06954	.00667	-.00245	.00544	-.00955
4.600	.746	-.05674	.08197	-.01557	-.05780	.08122	-.71167	.00667	-.00218	.00478	-.00888
4.600	2.791	-.01471	.07760	-.01423	-.01847	.07679	-.24052	.00686	-.00201	.00465	-.00852
4.600	4.795	.02793	.07346	-.01264	.02170	.07554	.28722	.00695	-.00191	.00424	-.00817
4.600	6.804	.07625	.06921	-.01179	.06752	.07775	.86833	.00705	-.00188	.00423	-.00815
4.600	8.821	.12644	.06691	-.01021	.11469	.08551	1.34116	.00727	-.00188	.00411	-.00816
4.600	12.840	.23426	.06358	-.01163	.21427	.11405	1.87874	.00746	-.00134	.00273	-.00560
4.600	16.903	.36183	.06266	-.01338	.32798	.16516	1.98584	.00752	-.00110	.00207	-.00505
4.600	20.945	.50277	.06169	-.01531	.44750	.23733	1.88552	.00752	-.00061	.00157	-.00398
4.600	24.965	.65739	.05959	-.01992	.57082	.33149	1.72199	.00749	.00001	.00064	-.00229
4.600	29.051	.82447	.05900	-.02682	.69209	.45193	1.53139	.00752	.00001	.00056	-.00285
4.600	33.101	1.00055	.05845	-.03483	.80624	.59539	1.35416	.00752	.00011	.00040	-.00217

## LA75 TABULATED SAUCE DATA

PAGE 22

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH017)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 122/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.360	-.18846	.10977	.00982	-.17957	.12378	-1.45063	.01168	-.00417	.00734	-.01378
2.860	-2.337	-.13079	.10634	.00809	-.12635	.11158	-1.13233	.01194	-.00397	.00679	-.01301
2.860	-.280	-.07408	.10218	.00616	-.07358	.10255	-.71752	.01205	-.00361	.00607	-.01244
2.860	1.720	-.01756	.09842	.00530	-.02050	.09785	-.20954	.01211	-.00352	.00577	-.01226
2.860	3.760	.03916	.09435	.00462	.03289	.09672	.34008	.01245	-.00352	.00551	-.01160
2.860	5.791	.10027	.08955	.00292	.09073	.09921	.91445	.01286	-.00332	.00529	-.01122
2.860	7.812	.16233	.08557	.00236	.14920	.10684	1.39642	.01320	-.00304	.00500	-.01068
2.860	11.925	.30118	.08013	-.00204	.27812	.14063	1.97762	.01403	-.00270	.00473	-.00992
2.860	16.006	.44490	.07315	-.00793	.40748	.19299	2.11134	.01469	-.00253	.00413	-.00998
2.860	20.062	.59387	.06612	-.01453	.53516	.26583	2.01315	.01531	-.00206	.00329	-.00856
2.860	24.161	.75108	.05954	-.01896	.66092	.36175	1.82700	.01493	-.00157	.00244	-.00755
2.860	28.245	.91732	.05424	-.02390	.78243	.48190	1.62363	.01478	-.00103	.00152	-.00562
2.860	32.319	1.09305	.04643	-.03195	.89893	.62364	1.44143	.01469	-.00102	.00114	-.00470

RUN NO. 128/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.673	-.15394	.09566	-.00924	-.14749	.10533	-1.40031	.00779	-.00310	.00600	-.00967
3.900	-1.667	-.11496	.09095	-.00705	-.11227	.09426	-1.19104	.00791	-.00270	.00526	-.00875
3.900	.362	-.07202	.08574	-.00548	-.07256	.08528	-.85085	.00796	-.00234	.00468	-.00808
3.900	2.363	-.02796	.08176	-.00515	-.03130	.08054	-.38869	.00806	-.00216	.00454	-.00787
3.900	4.411	.01851	.07838	-.00401	.01243	.07957	.15618	.00816	-.00213	.00445	-.00740
3.900	6.415	.06788	.07404	-.00420	.05918	.08116	.72923	.00830	-.00215	.00439	-.00710
3.900	8.444	.11880	.07204	-.00304	.10693	.08870	1.20556	.00858	-.00216	.00438	-.00656
3.900	12.506	.22813	.06982	-.00235	.20781	.11658	1.78255	.00882	-.00199	.00393	-.00661
3.900	16.557	.35450	.06544	-.00189	.32116	.16375	1.96132	.00910	-.00136	.00283	-.00472
3.900	20.601	.49182	.06201	-.00206	.43855	.23110	1.89765	.00920	-.00077	.00202	-.00315
3.900	24.675	.64399	.05905	-.00285	.56054	.32250	1.73811	.00920	-.00026	.00123	-.00164
3.900	28.766	.80970	.05595	-.00609	.68285	.43870	1.55653	.00920	.00027	.00053	-.00118
3.900	32.797	.98293	.05234	-.01209	.79790	.57641	1.38426	.00917	.00051	.00023	-.00005

## LA75 TABULATED SAOUCE DATA

PAGE 23

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH017)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 134/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.251	-.14652	.09520	-.01255	-.14088	.10335	-1.36310	.00657	-.00258	.00608	-.01231
4.600	-1.261	-.10574	.08868	-.00970	-.10476	.09101	-1.15117	.00667	-.00242	.00548	-.01101
4.600	.747	-.06454	.08282	-.00918	-.06561	.08197	-.80048	.00664	-.00218	.00482	-.00980
4.600	2.787	-.02241	.07843	-.00829	-.02619	.07725	-.33909	.00673	-.00196	.00460	-.00981
4.600	4.781	.02008	.07384	-.00702	.01386	.07525	.18419	.00692	-.00193	.00418	-.00899
4.600	6.814	.06902	.06915	-.00547	.06032	.07685	.78493	.00714	-.00198	.00425	-.00907
4.600	8.823	.11665	.06695	-.00309	.10500	.08405	1.24921	.00724	-.00190	.00403	-.00873
4.600	12.849	.22245	.06333	-.00231	.20280	.11121	1.82349	.00739	-.00144	.00273	-.00695
4.600	16.884	.34458	.06168	-.00121	.31181	.15911	1.95980	.00755	-.00122	.00212	-.00596
4.600	20.975	.48362	.06032	.00094	.42998	.22945	1.87400	.00761	-.00075	.00158	-.00453
4.600	24.984	.63188	.05745	.00033	.54848	.31896	1.71963	.00752	-.00019	.00070	-.00301
4.600	29.041	.79185	.05584	-.00183	.66519	.43322	1.53546	.00752	-.00019	.00056	-.00379
4.600	33.064	.96156	.05443	-.00510	.77616	.57021	1.36117	.00742	-.00016	.00054	-.00294

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH018)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 123/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.341	-.18732	.11037	.01002	-.17843	.12423	-1.43629	.01181	-.00075	.00874	-.01439
2.860	-2.312	-.13163	.10688	.00808	-.12722	.11210	-1.13484	.01205	-.00069	.00784	-.01415
2.860	-.295	-.07481	.10277	.00630	-.07428	.10315	-.72011	.01226	-.00056	.00711	-.01312
2.860	1.730	-.01737	.09892	.00542	-.02034	.09835	-.20686	.01237	-.00064	.00656	-.01242
2.860	3.757	.03815	.09495	.00476	.03184	.09725	.32744	.01262	-.00077	.00619	-.01234
2.860	5.791	.10051	.09011	.00265	.09090	.09979	.91094	.01297	-.00076	.00572	-.01111
2.860	7.865	.16458	.08631	.00188	.15122	.10802	1.39999	.01309	-.00043	.00533	-.01075
2.860	11.886	.30119	.08085	-.00275	.27808	.14115	1.97019	.01382	.00007	.00476	-.00939
2.860	15.995	.44601	.07357	-.00897	.40847	.19362	2.10963	.01482	.00056	.00401	-.00904
2.860	24.130	.75129	.06053	-.02025	.66090	.36238	1.82378	.01487	.00252	.00203	-.00636
2.860	28.238	.91884	.05519	-.02546	.78337	.48336	1.62069	.01482	.00344	.00096	-.00456
2.860	32.319	1.09756	.04762	-.03413	.90206	.62704	1.43861	.01478	.00415	.00028	-.00361

## LA75 TABULATED SAOUCE DATA

PAGE 24

LARC UPWT 1173(LA75)B26C9E43FBM16N2BR5V8W

(RJM018)

## PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 39.700  
 RUDDER = -10.000 BOFLAP = .000

		RUN NO. 129/ 0		RN/L = .00									
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
3.900	-3.680	-.15554	.09656	-.00893	-.14903	.10635	-1.40133	.00776	-.00092	.00681	-.00994		
3.900	-1.663	-.11526	.09159	-.00657	-.11255	.09489	-1.18606	.00793	-.00068	.00606	-.00944		
3.900	.391	-.07141	.08617	-.00502	-.07200	.08569	-.84023	.00806	-.00045	.00532	-.00842		
3.900	2.380	-.02798	.08230	-.00479	-.03137	.08106	-.38698	.00811	-.00039	.00501	-.00786		
3.900	4.411	.01774	.07876	-.00376	.01163	.07989	.14562	.00830	-.00060	.00492	-.00745		
3.900	6.429	.06763	.07448	-.00420	.05886	.08158	.72153	.00833	-.00066	.00462	-.00744		
3.900	8.446	.11972	.07255	-.00330	.10777	.08935	1.20611	.00850	-.00053	.00463	-.00682		
3.900	12.495	.22723	.06939	-.00289	.20684	.11691	1.76927	.00872	-.00016	.00396	-.00644		
3.900	16.540	.35465	.06640	-.00252	.32107	.16461	1.95044	.00892	.00092	.00281	-.00443		
3.900	20.613	.49733	.06270	-.00306	.43968	.23236	1.89219	.00917	.00183	.00187	-.00303		
3.900	24.647	.64354	.05979	-.00410	.55998	.32271	1.73523	.00920	.00293	.00095	-.00102		
3.900	28.713	.80982	.05694	-.00741	.68289	.43900	1.55556	.00920	.00401	.00013	-.00007		
3.900	32.822	.98635	.05329	-.01394	.80000	.57941	1.38071	.00917	.00499	-.00035	.00068		

		RUN NO. 135/ 0		RN/L = .00									
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
4.600	-3.269	-.14758	.09581	-.01211	-.14187	.10407	-1.36330	.00660	-.00071	.00683	-.01282		
4.600	-1.267	-.10743	.08936	-.00931	-.10543	.09171	-1.14963	.00664	-.00060	.00615	-.01197		
4.600	.749	-.06446	.08328	-.00886	-.06554	.08243	-.79513	.00667	-.00067	.00528	-.01081		
4.600	2.749	-.02335	.07903	-.00813	-.02711	.07782	-.34838	.00673	-.00065	.00496	-.01086		
4.600	4.778	.02023	.07446	-.00690	.01395	.07588	.18388	.00686	-.00070	.00454	-.00960		
4.600	6.804	.06841	.06984	-.00563	.05965	.07745	.77023	.00701	-.00077	.00442	-.00965		
4.600	8.801	.11679	.06760	-.00329	.10508	.08467	1.24094	.00711	-.00069	.00420	-.00930		
4.600	12.844	.22362	.06380	-.00268	.20384	.11192	1.82140	.00730	.00008	.00281	-.00650		
4.600	16.882	.34695	.06251	-.00185	.31385	.16057	1.95458	.00742	.00062	.00203	-.00580		
4.600	20.937	.48357	.06116	-.0010	.42979	.22991	1.86934	.00752	.00152	.00132	-.00427		
4.600	24.960	.63284	.05818	-.00094	.54918	.31979	1.71729	.00749	.00267	.00038	-.00298		
4.600	29.034	.79295	.05666	-.00365	.66580	.43439	1.53274	.00746	-.00333	.00028	-.00266		
4.600	33.045	.96523	.05525	-.00707	.77845	.57336	1.35769	.00749	.00403	-.00009	-.00245		

## LA75 TABULATED SAOUCE DATA

PAGE 25

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM019)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 124/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.344	-.19112	.11204	.01106	-.18208	.12619	-1.44289	.01172	-.00297	.01349	-.07686
2.860	-2.329	-.13429	.10866	.00893	-.12977	.11403	-1.18834	.01208	-.00294	.01244	-.07283
2.860	-.291	-.07631	.10503	.00734	-.07577	.10542	-.71879	.01228	-.00323	.01119	-.06868
2.860	1.712	-.02063	.10107	.00590	-.02364	.10041	-.23544	.01241	-.00328	.00981	-.06484
2.860	3.754	.03676	.09655	.00504	.03036	.09875	.30744	.01264	-.00356	.00832	-.06140
2.860	5.798	.09902	.09228	.00397	.08820	.10171	.86715	.01290	-.00350	.00719	-.05836
2.860	7.826	.16255	.08810	.00246	.14904	.10941	1.36217	.01331	-.00361	.00613	-.05606
2.860	11.895	.29936	.08219	-.00178	.27599	.14213	1.94181	.01417	-.00378	.00360	-.05073
2.860	15.971	.44291	.07450	-.00834	.40532	.19349	2.09473	.01474	-.00378	.00089	-.04699
2.860	20.078	.59482	.06631	-.01686	.53591	.26648	2.01107	.01508	-.00274	-.00264	-.04235
2.860	24.156	.75202	.05901	-.02142	.66202	.36158	1.83090	.01508	-.00137	-.00602	-.03701
2.860	28.212	.91744	.05392	-.02671	.78296	.48121	1.62706	.01504	-.00055	-.00780	-.03381
2.860	32.340	1.09348	.04858	-.03199	.89788	.62599	1.43434	.01496	-.00155	-.00667	-.03741

RUN NO. 130/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.657	-.15792	.09780	-.00637	-.15136	.10768	-1.40574	.00798	-.00067	.00932	-.06119
3.900	-1.653	-.11702	.09340	-.00447	-.11427	.09674	-1.18126	.00803	-.00110	.00836	-.05793
3.900	.378	-.07427	.08900	-.00283	-.07485	.08851	-.84569	.00811	-.00165	.00763	-.05467
3.900	2.372	-.02906	.08446	-.00318	-.03253	.08319	-.39110	.00820	-.00206	.00667	-.05160
3.900	4.407	.01807	.07989	-.00300	.01187	.08104	.14650	.00833	-.00267	.00579	-.04933
3.900	6.416	.06743	.07648	-.00253	.05847	.08354	.69987	.00855	-.00309	.00507	-.04698
3.900	8.446	.11814	.07410	-.00257	.10597	.09065	1.16903	.00865	-.00323	.00468	-.04594
3.900	12.472	.22724	.07024	-.00162	.20671	.11765	1.75692	.00887	-.00364	.00342	-.04396
3.900	16.560	.35514	.06653	-.00202	.32145	.16499	1.94830	.00907	-.00323	.00085	-.03931
3.900	20.587	.49333	.06285	-.00414	.43973	.23230	1.89292	.00920	-.00218	-.00238	-.03388
3.900	24.683	.64646	.05968	-.00538	.56247	.32419	1.73503	.00932	-.00109	-.00474	-.03015
3.900	28.741	.81160	.05760	-.00836	.68392	.44075	1.55169	.00934	-.00037	-.00599	-.02750
3.900	32.794	.98501	.05464	-.01302	.79843	.57943	1.37796	.00925	-.00138	-.00467	-.03093

LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

PAGE 26

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJH019)

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 136/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.257	-.14826	.09653	-.00992	-.14254	.10479	-1.36020	.00664	-.00037	.00854	-.06076
4.600	-1.263	-.10373	.09142	-.00683	-.10769	.09381	-1.14787	.00667	-.00094	.00779	-.05748
4.600	.745	-.06675	.08600	-.00603	-.06786	.08513	-.79718	.00676	-.00156	.00677	-.05466
4.600	2.756	-.02391	.08038	-.00650	-.02774	.07914	-.35054	.00686	-.00205	.00593	-.05149
4.600	4.783	.02025	.07582	-.00588	-.01386	.07724	-.17937	.00698	-.00268	.00508	-.04933
4.600	6.809	.06788	.07202	-.00454	.05887	.07956	.73990	.00717	-.00318	.00444	-.04721
4.600	8.841	.11809	.06925	-.00319	.10604	.08658	1.22477	.00724	-.00372	.00429	-.04645
4.600	12.833	.22207	.06497	-.00143	.20209	.11267	1.79370	.00739	-.00389	.00243	-.04267
4.600	16.907	.34518	.06284	-.00025	.31198	.16051	1.94370	.00743	-.00371	.00005	-.03830
4.600	20.939	.48495	.06089	-.00074	.43116	.23018	1.87311	.00752	-.00278	-.00221	-.03438
4.600	24.998	.63394	.05920	-.00165	.54953	.32155	1.70900	.00755	-.00202	-.00358	-.03089
4.600	29.022	.79345	.05781	-.00386	.66578	.43549	1.52881	.00755	-.00134	-.00487	-.02865
4.600	33.081	.96347	.05585	-.00651	.77680	.57268	1.35644	.00752	-.00227	-.00435	-.03045

## LA75 TABULATED SAUCE DATA

PAGE 27

LARC UPHT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH020)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 248/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.364	-.18894	.11453	.01753	-.17968	.12857	-1.39747	.01233	.00366	.00096	-.00303
2.860	-2.319	-.13126	.11068	.01536	-.12668	.11590	-1.09300	.01254	.00341	.00072	-.00309
2.860	-.284	-.07441	.10684	.01279	-.07388	.10721	-.68910	.01275	.00324	.00037	-.00280
2.860	1.732	-.01874	.10308	.01134	-.02185	.10247	-.21320	.01291	.00304	.00017	-.00348
2.860	3.794	.03913	.09901	.01016	.03249	.10138	.32045	.01307	.00281	-.00011	-.00254
2.860	5.838	.10101	.09437	.00813	.09088	.10415	.87260	.01324	.00275	-.00024	-.00247
2.860	7.905	.16577	.09021	.00712	.15179	.11215	1.35349	.01348	.00287	-.00038	-.00164
2.860	11.915	.30164	.08471	.00239	.27766	.14516	1.91274	.01382	.00299	-.00063	-.00180
2.860	15.962	.44544	.07785	-.00414	.40686	.19734	2.06175	.01435	.00327	-.00096	-.00157
2.860	20.067	.59714	.07061	-.01214	.53666	.27121	1.97873	.01478	.00378	-.00146	-.00202
2.860	24.196	.75722	.06336	-.01849	.66473	.36816	1.80557	.01476	.00439	-.00149	-.00204
2.860	28.258	.92298	.05730	-.02503	.78586	.48745	1.61216	.01450	.00498	-.00189	-.00163
2.860	32.378	1.10254	.04908	-.03380	.90485	.63186	1.43204	.01418	.00531	-.00181	-.00088

RUN NO. 257/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.667	-.15774	.09988	-.00372	-.15102	.10976	-1.37591	.00804	.00262	.00053	-.00023
3.900	-1.650	-.11710	.09487	-.00190	-.11432	.09821	-1.16413	.00816	.00241	.00058	.00026
3.900	.377	-.07314	.08952	-.00066	-.07372	.08904	-.82800	.00819	.00240	.00050	.00024
3.900	2.380	-.02913	.08559	-.00082	-.03266	.08431	-.38743	.00816	.00226	.00033	.00043
3.900	4.383	.01586	.08244	.00010	.00951	.08342	.11399	.00819	.00204	.00006	.00051
3.900	6.468	.06840	.07772	-.00033	.05921	.08493	.69714	.00824	.00196	-.00010	.00089
3.900	8.473	.11909	.07612	.00013	.10657	.09284	1.14793	.00831	.00199	-.00011	.00117
3.900	12.510	.22824	.07232	.00012	.20715	.12004	1.72573	.00846	.00209	-.00006	.00038
3.900	16.618	.35814	.06897	-.00037	.32346	.16851	1.91949	.00853	.00285	-.00064	.00168
3.900	20.653	.49601	.06523	-.00128	.44112	.23599	1.86926	.00861	.00339	-.00079	.00164
3.900	24.755	.64995	.05215	-.00272	.56420	.32860	1.71699	.00856	.00400	-.00083	.00159
3.900	28.754	.81185	.05880	-.00684	.68346	.44209	1.54598	.00855	.00472	-.00110	.00169
3.900	32.833	.98989	.05528	-.01370	.80179	.58316	1.37492	.00851	.00521	-.00079	.00085



## LA75 TABULATED SAUCE DATA

PAGE 28

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM020)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 268 / 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.268	-.14755	.09859	-.00696	-.14169	.10685	-1.32614	.00648	.00227	.00171	-.00420
4.600	-1.242	-.10567	.09193	-.00499	-.10365	.09420	-1.10033	.00644	.00216	.00169	-.00500
4.600	.796	-.06224	.08598	-.00503	-.06342	.08510	-.74524	.00635	.00188	.00128	-.00461
4.600	2.755	-.02305	.08186	-.00489	-.02696	.08066	-.33426	.00629	.00153	.00131	-.00478
4.600	4.841	.02290	.07710	-.00374	.01631	.07876	.20707	.00635	.00143	.00096	-.00392
4.600	6.840	.07022	.07265	-.00248	.06107	.08049	.75873	.00641	.00133	.00100	-.00402
4.600	8.855	.11842	.07047	-.00075	.10616	.08786	1.20832	.00644	.00145	.00086	-.00361
4.600	12.852	.22380	.06683	-.00049	.20333	.11493	1.76909	.00651	.00171	.00029	-.00285
4.600	16.930	.34780	.06470	-.00029	.31389	.16317	1.92368	.00651	.00192	.00013	-.00316
4.600	20.964	.48539	.06361	.00123	.43050	.23306	1.84718	.00654	.00250	-.00005	-.00285
4.600	24.972	.63347	.06068	.00021	.54864	.32244	1.70152	.00654	.00341	-.00046	-.00240
4.600	29.025	.79399	.05904	-.00272	.66562	.43686	1.52365	.00657	.00391	-.00033	-.00259
4.600	33.115	.96554	.05724	-.00728	.77745	.57544	1.35105	.00657	.00459	-.00045	-.00276

## LA75 TABULATED SAOUCE DATA

PAGE 29

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5VBW

(RJH021)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 252/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.360	-.19353	.11456	.01686	-.18427	.12894	-1.42913	.01255	.00086	.00697	-.06701
2.860	-2.307	-.13451	.11116	.01421	-.12993	.11649	-1.11534	.01287	.00063	.00636	-.06320
2.860	-.239	-.07624	.10782	.01209	-.07579	.10814	-.70080	.01302	.00028	.00528	-.05968
2.860	1.716	-.02143	.10383	.01027	-.02453	.10314	-.23785	.01313	.00002	.00417	-.05621
2.860	3.823	.03845	.09947	.00901	.03173	.10181	.31169	.01315	-.00024	.00290	-.05320
2.860	5.839	.09857	.09514	.00740	.08838	.10468	.84430	.01334	-.00031	.00199	-.05098
2.860	7.844	.16215	.09117	.00597	.14819	.11244	1.31792	.01353	-.00043	.00115	-.04903
2.860	11.890	.29864	.08537	.00241	.27465	.14507	1.89322	.01401	-.00112	-.00099	-.04390
2.860	15.971	.44273	.07747	-.00431	.40433	.19630	2.05979	.01454	-.00132	-.00357	-.03995
2.860	20.135	.59722	.06971	-.01313	.53673	.27103	1.98030	.01478	-.00076	-.00655	-.03639
2.860	24.162	.75290	.06289	-.01841	.66119	.36555	1.80875	.01471	-.00034	-.00943	-.03206
2.860	28.214	.91927	.05677	-.02464	.78233	.48416	1.61585	.01463	.00084	-.01054	-.03054
2.860	32.375	1.09784	.04991	-.03138	.90047	.62999	1.42934	.01437	-.00043	-.00869	-.03434

RUN NO. 258/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.673	-.15966	.10037	-.00289	-.15291	.11040	-1.38505	.00816	.00225	.00395	-.05363
3.900	-1.664	-.11789	.09589	-.00132	-.11506	.09927	-1.15902	.00819	.00141	.00357	-.05109
3.900	.390	-.07396	.09143	.00012	-.07458	.09092	-.82023	.00826	.00069	.00335	-.04848
3.900	2.363	-.02915	.08688	-.00051	-.03271	.08561	-.38209	.00826	.00012	.00253	-.04613
3.900	4.397	.01766	.08226	-.00058	.01130	.08337	.13551	.00826	-.00051	.00170	-.04384
3.900	6.455	.06726	.07899	-.00048	.05795	.08605	.67344	.00826	-.00090	.00112	-.04149
3.900	8.463	.11962	.07624	-.00085	.10710	.09302	1.15143	.00839	-.00106	.00064	-.04001
3.900	12.486	.22982	.07202	-.00051	.20882	.12001	1.73998	.00851	-.00182	.00017	-.03922
3.900	16.556	.35859	.06837	-.00090	.32424	16771	1.93331	.00861	-.00156	-.00198	-.03468
3.900	20.644	.49817	.06527	-.00255	.44317	.23672	1.87210	.00866	-.00073	-.00503	-.03058
3.900	24.655	.64844	.06223	-.00384	.56337	.32706	1.72254	.00873	.00011	-.00675	-.02758
3.900	28.830	.81751	.05965	-.00729	.68742	.44647	1.53967	.00873	.00045	-.00743	-.02568
3.900	32.815	.99067	.05583	-.01324	.80233	.58379	1.37435	.00866	-.00100	-.00539	-.03024

## LA75 TABULATED SAOUCE DATA

PAGE 30

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH021)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 269/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.262	-.14659	.09840	-.00709	-.14075	.10659	-1.32056	.00635	.00228	.00441	-.05446
4.600	-1.220	-.10576	.09334	-.00435	-.10374	.09557	-1.08552	.00638	.00131	.00411	-.05283
4.600	.757	-.06374	.08801	-.00436	-.06490	.08716	-.74462	.00632	.00051	.00346	-.05076
4.600	2.764	-.02068	.08229	-.00474	-.02463	.08120	-.30329	.00635	-.00025	.00288	-.04859
4.600	4.778	.02301	.07774	-.00445	.01645	.07939	.20727	.00638	-.00105	.00219	-.04646
4.600	6.857	.07299	.07394	-.00347	.06364	.08212	.77492	.00644	-.00150	.00162	-.04424
4.600	8.899	.12346	.07097	-.00264	.11100	.08922	1.24414	.00644	-.00212	.00175	-.04392
4.600	12.842	.22567	.06682	-.00077	.20518	.11531	1.77935	.00651	-.00247	.00032	-.04121
4.600	16.919	.34841	.06487	.00051	.31445	.16346	1.92377	.00657	-.00257	-.00145	-.03744
4.600	20.964	.48776	.06328	.00049	.43283	.23361	1.85283	.00663	-.00191	-.00338	-.03437
4.600	24.984	.63540	.06157	-.00085	.54994	.32417	1.69642	.00667	-.00161	-.00452	-.03210
4.600	29.056	.79573	.06005	-.00332	.66642	.43894	1.51824	.00663	-.00093	-.00557	-.02989
4.600	33.083	.96245	.05737	-.00733	.77511	.57342	1.35174	.00663	-.00204	-.00443	-.03175

## LA75 TABULATED SAUCE DATA

PAGE 31

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8H

(RJH022)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 174/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.092	-.16695	.10997	.00096	-.15868	.12160	-1.30496	.01275	-.00142	.00264	-.00659
2.860	-2.076	-.11290	.10763	-.00005	-.10893	.11165	-.97561	.01283	-.00128	.00240	-.00645
2.860	-.022	-.05509	.10353	-.00138	-.05505	.10355	-.53167	.01281	-.00118	.00204	-.00618
2.860	1.942	-.00126	.10097	-.00256	-.00468	.10087	-.04638	.01279	-.00114	.00190	-.00633
2.860	4.022	.05605	.09740	-.00294	.04908	.10110	.48545	.01306	-.00118	.00175	-.00598
2.860	6.119	.11826	.09306	-.00499	.10767	.10514	1.02406	.01336	-.00110	.00168	-.00559
2.860	8.125	.18153	.08975	-.00695	.16702	.11450	1.45868	.01355	-.00104	.00155	-.00519
2.860	12.186	.32315	.08475	-.01356	.29798	.15106	1.97266	.01412	-.00091	.00150	-.00528
2.860	16.232	.46842	.07808	-.02234	.42792	.20591	2.07821	.01441	-.00072	.00113	-.00477
2.860	20.330	.62334	.07196	-.03341	.55951	.28405	1.96979	.01454	-.00062	.00064	-.00458
2.860	24.380	.78514	.06631	-.04315	.68775	.38450	1.78871	.01449	-.00036	.00028	-.00443
2.860	28.484	.95832	.06114	-.05339	.81315	.51078	1.59198	.01445	-.00009	-.00010	-.00320
2.860	32.593	1.14182	.05385	-.06649	.93300	.66043	1.41271	.01443	-.00018	-.00016	-.00267

RUN NO. 178/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.427	-.14411	.09717	-.01325	-.13805	.10561	-1.30715	.00810	-.00117	.00260	-.00579
3.900	-1.435	-.10533	.09287	-.01105	-.10297	.09548	-1.07844	.00814	-.00095	.00222	-.00521
3.900	.614	-.06155	.08749	-.00951	-.06248	.08683	-.71957	.00820	-.00082	.00198	-.00484
3.900	2.621	-.01778	.08405	-.00886	-.02161	.08315	-.25985	.00817	-.00066	.00197	-.00435
3.900	4.642	.02639	.08128	-.00767	.01972	.08315	.23718	.00817	-.00077	.00194	-.00433
3.900	6.703	.07819	.07725	-.00824	.06864	.08585	.79959	.00819	-.00073	.00186	-.00391
3.900	8.713	.13018	.07558	-.00847	.11723	.09443	1.24143	.00832	-.00078	.00185	-.00388
3.900	12.819	.24310	.07243	-.01067	.22097	.12456	1.77406	.00837	-.00070	.00177	-.00360
3.900	16.775	.37317	.06915	-.01346	.33733	.17391	1.93970	.00861	-.00024	.00111	-.00207
3.900	20.900	.51860	.06610	-.01770	.46090	.24675	1.86788	.00861	.00006	.00076	-.00159
3.900	24.940	.67415	.06351	-.02280	.58450	.34185	1.70982	.00856	.00036	.00036	-.00083
3.900	28.968	.84125	.06122	-.03052	.70634	.46100	1.53221	.00855	.00058	.00018	-.00100
3.900	33.102	1.02550	.05864	-.04193	.82704	.60918	1.35761	.00859	.00040	.00050	-.00130

LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH022)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 182/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.031	-.14041	.09676	-.01529	-.13510	.10405	-1.29841	.00631	-.00097	.00310	-.00817
4.600	-1.034	-.10044	.09047	-.01323	-.09880	.09226	-1.07080	.00634	-.00092	.00297	-.00760
4.600	1.010	-.05680	.08469	-.01251	-.05828	.08368	-.69648	.00637	-.00088	.00257	-.00676
4.600	3.010	-.01644	.08067	-.01134	-.02065	.07970	-.25909	.00631	-.00078	.00243	-.00733
4.600	5.022	.02627	.07656	-.01008	.01947	.07856	.24780	.00631	-.00072	.00227	-.00609
4.600	7.108	.07661	.07217	-.00931	.06709	.08109	.82730	.00637	-.00085	.00223	-.00506
4.600	9.076	.12452	.07027	-.00814	.11188	.08903	1.25660	.00637	-.00078	.00210	-.00603
4.600	13.177	.23578	.06675	-.01005	.21435	.11874	1.80520	.00646	-.00050	.00116	-.00438
4.600	17.170	.36236	.06513	-.01253	.32698	.16920	1.93248	.00656	-.00054	.00102	-.00438
4.600	21.224	.50428	.06419	-.01449	.44683	.24240	1.84339	.00656	-.00020	.00057	-.00403
4.600	25.236	.65821	.06201	-.01926	.56895	.33671	1.68972	.00653	.00024	-.00002	-.00309
4.600	29.299	.82437	.06099	-.02639	.68907	.45660	1.50913	.00659	.00014	.00013	-.00368
4.600	33.403	1.00301	.05998	-.03457	.80431	.60225	1.33552	.00662	.00011	.00021	-.00300

C4

## LA75 TABULATED SAOUCE DATA

PAGE 33

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM023)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 175/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.083	-.19011	.11332	.01720	-.18156	.12657	-1.43446	.01237	-.00149	.00279	-.00736
2.860	-2.072	-.13316	.10991	.01501	-.12910	.11465	-1.12605	.01248	-.00144	.00256	-.00653
2.860	-.005	-.07511	.10578	.01265	-.07510	.10578	-.70998	.01252	-.00122	.00223	-.00641
2.860	1.977	-.01931	.10240	.01129	-.02283	.10167	-.22455	.01254	-.00122	.00209	-.00650
2.860	4.070	.04054	.09809	.01041	.03347	.10072	.33235	.01274	-.00129	.00199	-.00527
2.860	6.054	.09840	.09344	.00851	.08800	.10330	.85186	.01314	-.00110	.00181	-.00574
2.860	8.126	.16345	.08924	.00764	.14919	.11145	1.33865	.01332	-.00104	.00162	-.00519
2.860	12.195	.30101	.08389	.00327	.27650	.14558	1.89930	.01391	-.00093	.00166	-.00537
2.860	16.237	.44462	.07656	-.00311	.40548	.19783	2.04969	.01462	-.00091	.00125	-.00457
2.860	20.326	.59469	.06922	-.01086	.53361	.27149	1.96551	.01490	-.00077	.00067	-.00417
2.860	24.434	.75230	.06198	-.01665	.65928	.36762	1.79339	.01477	-.00050	.00038	-.00431
2.860	28.571	.92069	.05560	-.02296	.78198	.48915	1.59865	.01447	-.00029	-.00010	-.00340
2.860	32.660	1.09893	.04739	-.03127	.89960	.63295	1.42129	.01426	-.00044	.00001	-.00278

RUN NO. 179/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.399	-.15487	.09848	-.00399	-.14876	.10749	-1.38397	.00819	-.00106	.00258	-.00497
3.900	-1.372	-.11369	.09331	-.00218	-.11142	.09600	-1.16065	.00824	-.00089	.00235	-.00432
3.900	.623	-.07213	.08828	-.00120	-.07309	.08750	-.83531	.00824	-.00076	.00212	-.00394
3.900	2.622	-.02829	.08444	-.00111	-.03212	.08306	-.38676	.00824	-.00063	.00218	-.00374
3.900	4.634	.01791	.08122	.00000	.01129	.08240	.13706	.00827	-.00074	.00208	-.00366
3.900	6.698	.06815	.07690	-.00045	.05871	.08433	.69624	.00827	-.00075	.00207	-.00332
3.900	8.729	.11905	.07524	.00058	.10625	.09244	1.14943	.00829	-.00072	.00198	-.00309
3.900	12.749	.22724	.07172	.00086	.20581	.12010	1.71365	.00844	-.00068	.00194	-.00286
3.900	16.837	.35657	.06809	.00058	.32156	.16845	1.90893	.00856	-.00029	.00111	-.00200
3.900	20.882	.49340	.06437	.00015	.43805	.23602	1.85601	.00864	-.00002	.00086	-.00182
3.900	24.916	.64413	.06111	-.00111	.55843	.32679	1.70883	.00864	.00024	.00048	-.00092
3.900	29.013	.80967	.05743	-.00493	.68021	.44292	1.53574	.00861	.00047	.00033	-.00022
3.900	33.066	.98561	.05367	-.01133	.73670	.58273	1.36718	.00864	.00029	.00068	-.00130

LA75 TABULATED SOURCE DATA  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

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REFERENCE DATA

SREF = 2390.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJH023)

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 183/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.033	-.15050	.09792	-.00804	-.14511	.10575	-1.37218	.00640	-.00088	.00303	-.00918
4.600	-.992	-.10950	.09147	-.00618	-.10790	.09336	-1.15574	.00637	-.00090	.00290	-.00815
4.600	1.057	-.06512	.08536	-.00624	-.06668	.08415	-.79243	.00637	-.00083	.00261	-.00811
4.600	2.999	-.02489	.08124	-.00554	-.02911	.07983	-.36466	.00631	-.00076	.00247	-.00773
4.600	5.050	.01907	.07666	-.00449	.01225	.07804	.15692	.00634	-.00073	.00222	-.00644
4.600	7.081	.06693	.07229	-.00295	.05751	.07999	.71890	.00637	-.00089	.00217	-.00701
4.600	9.079	.11497	.07005	-.00049	.10247	.08732	1.17358	.00643	-.00082	.00211	-.00626
4.600	13.142	.22245	.06630	-.00043	.20155	.11514	1.75051	.00649	-.00053	.00114	-.00446
4.600	17.123	.34411	.06417	-.00006	.30997	.16264	1.90586	.00653	-.00057	.00097	-.00489
4.600	21.178	.48096	.06283	.00201	.42578	.23234	1.83259	.00659	-.00033	.00067	-.00471
4.600	25.258	.63114	.05965	-.00118	.54535	.32325	1.68708	.00662	.00012	.00004	-.00342
4.600	29.272	.79011	.05787	-.00148	.66093	.43681	1.51309	.00659	-.00006	.00032	-.00385
4.600	33.359	.96146	.05581	-.00493	.77237	.57531	1.34253	.00656	-.00014	.00025	-.00387

## LA75 TABULATED SAOUCE DATA

PAGE 35

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH024)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 176/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.079	-.19093	.11432	.01773	-.18232	.12762	-1.42862	.01231	.00202	.00407	-.00826
2.860	-2.025	-.13194	.11052	.01554	-.12795	.11511	-1.11158	.01248	.00185	.00371	-.00691
2.860	-.015	-.07514	.10634	.01304	-.07511	.10636	-.70620	.01278	.00171	.00320	-.00713
2.860	1.988	-.01956	.10265	.01150	-.02311	.10191	-.22672	.01292	.00158	.00287	-.00668
2.860	4.062	.03905	.09866	.01040	.03196	.10118	.31591	.01306	.00141	.00249	-.00624
2.860	6.073	.09969	.09404	.00832	.08918	.10406	.85699	.01327	.00142	.00218	-.00561
2.860	8.081	.16349	.08994	.00740	.14922	.11203	1.33198	.01350	.00145	.00193	-.00534
2.860	12.233	.30319	.08443	.00259	.27841	.14676	1.89706	.01372	.00176	.00164	-.00509
2.860	16.220	.44428	.07752	-.00378	.40494	.19853	2.03964	.01428	.00215	.00107	-.00432
2.860	20.317	.59487	.07000	-.01176	.53355	.27220	1.96016	.01481	.00267	.00046	-.00422
2.860	24.382	.75184	.06301	-.01784	.65877	.36772	1.79128	.01466	.00344	-.00009	-.00421
2.860	28.446	.91793	.05696	-.02437	.77998	.48732	1.60053	.01438	.00421	-.00072	-.00292
2.860	32.611	1.09839	.04840	-.03333	.89914	.63273	1.42104	.01424	.00482	-.00108	-.00199

RUN NO. 180/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.423	-.15698	.09934	-.00397	-.15076	.10854	-1.38907	.00812	.00128	.00332	-.00623
3.900	-1.410	-.11765	.09453	-.00222	-.11529	.09740	-1.18368	.00812	.00121	.00292	-.00565
3.900	.648	-.07264	.08893	-.00101	-.07364	.08810	-.83584	.00815	.00126	.00269	-.00490
3.900	2.623	-.02908	.08515	-.00114	-.03295	.08373	-.39352	.00817	.00124	.00259	-.00435
3.900	4.677	.01735	.08180	-.00016	.01062	.08294	.12806	.00820	.00100	.00225	-.00424
3.900	6.631	.06522	.07747	-.00059	.05584	.08448	.66091	.00825	.00085	.00215	-.00397
3.900	8.715	.11781	.07556	.00006	.10500	.09254	1.13466	.00835	.00092	.00214	-.00366
3.900	12.715	.22622	.07214	-.00003	.20479	.12017	1.70426	.00842	.00111	.00189	-.00367
3.900	16.809	.35615	.06873	-.00040	.32106	.16878	1.90218	.00852	.00191	.00108	-.00232
3.900	20.858	.49197	.06503	-.00103	.43658	.23593	1.85041	.00857	.00259	.00063	-.00165
3.900	24.915	.64283	.06177	-.00261	.55698	.32684	1.70416	.00854	.00335	.00021	-.00098
3.900	28.996	.80787	.05827	-.00669	.67836	.44258	1.53276	.00854	.00427	-.00021	-.00008
3.900	33.150	.98945	.05469	-.01353	.79850	.58685	1.36065	.00854	.00468	-.00006	-.00054



LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH024)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 1847 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.012	-.15108	.09854	-.00734	-.14570	.10634	-1.37006	.00630	.00102	.00372	-.00977
4.600	-1.006	-.11006	.09208	-.00564	-.10843	.09400	-1.15348	.00634	.00091	.00349	-.00918
4.600	1.023	-.06668	.08598	-.00569	-.06820	.08478	-.80450	.00637	.00072	.00309	-.00832
4.600	3.008	-.02533	.08160	-.00503	-.02958	.08016	-.36899	.00634	.00056	.00283	-.00797
4.600	5.013	.01804	.07703	-.00427	.01124	.07831	.14353	.00637	.00053	.00258	-.00711
4.600	7.076	.06720	.07251	-.00290	.05776	.08024	.71983	.00643	.00037	.00243	-.00718
4.600	9.112	.11598	.07027	-.00074	.10338	.08775	1.17817	.00643	.00042	.00219	-.00681
4.600	13.142	.22272	.06650	-.00080	.20177	.11540	1.74837	.00649	.00094	.00133	-.00497
4.600	17.151	.34475	.06436	-.00055	.31044	.16315	1.90274	.00659	.00123	.00098	-.00482
4.600	21.216	.48373	.06315	.00092	.42809	.23393	1.83000	.00659	.00198	.00052	-.00394
4.600	25.315	.63522	.05998	.00008	.54857	.32584	1.68358	.00665	.00297	-.00009	-.00250
4.600	29.269	.79275	.05844	-.00291	.66298	.43856	1.51170	.00662	.00341	-.00006	-.00319
4.600	33.330	.96174	.05652	-.00668	.77250	.57566	1.34194	.00662	.00403	-.00029	-.00303

## LA75 TABULATED SAOUCE DATA

PAGE 37

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH025)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 177/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.094	-.19360	.11498	.01760	-.18490	.12851	-1.43882	.01256	-.00078	.01011	-.07196
2.860	-2.043	-.13500	.11167	.01504	-.13093	.11642	-1.12469	.01277	-.00100	.00927	-.06862
2.860	-.053	-.07880	.10831	.01296	-.07870	.10838	-.72608	.01300	-.00126	.00824	-.06484
2.860	1.975	-.02113	.10420	.01082	-.02471	.10341	-.23894	.01311	-.00147	.00696	-.06070
2.860	4.042	.03669	.09984	.00969	.02956	.10218	.28934	.01320	-.00169	.00569	-.05776
2.860	6.036	.09668	.09549	.00834	.08611	.10512	.81910	.01341	-.00170	.00466	-.05500
2.860	8.120	.16256	.09128	.00668	.14803	.11333	1.30625	.01360	-.00179	.00369	-.05235
2.860	12.151	.29887	.08578	.00305	.27412	.14676	1.86774	.01392	-.00243	.00139	-.04747
2.860	16.238	.44361	.07713	-.00399	.40435	.19810	2.04120	.01467	-.00255	-.00149	-.04285
2.860	20.306	.59370	.06935	-.01287	.53274	.27108	1.96524	.01484	-.00158	-.00482	-.03841
2.860	24.398	.75076	.06210	-.01831	.65807	.36668	1.79467	.01474	-.00040	-.00811	-.03370
2.860	28.500	.91859	.05599	-.02470	.78056	.48752	1.60110	.01458	.00022	-.00950	-.03149
2.860	32.622	1.09565	.04947	-.03089	.89613	.63233	1.41718	.01441	-.00093	-.00782	-.03511

RUN NO. 181/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.417	-.15861	.10015	-.00211	-.15236	.10943	-1.39235	.00817	.00082	.00679	-.05875
3.900	-1.347	-.11727	.09594	-.00080	-.11499	.09867	-1.16531	.00817	.00000	.00625	-.05540
3.900	.659	-.07361	.09137	.00039	-.07466	.09051	-.82486	.00822	-.00051	.00559	-.05265
3.900	2.635	-.02886	.08693	-.00023	-.03283	.08551	-.38389	.00824	-.00104	.00486	-.05004
3.900	4.675	.01753	.08236	-.00008	.01076	.08352	.12883	.00829	-.00166	.00403	-.04752
3.900	6.759	.06834	.07919	.00003	.05854	.08668	.67540	.00826	-.00198	.00322	-.04505
3.900	8.708	.11844	.07634	-.00007	.10552	.09339	1.12991	.00844	-.00222	.00288	-.04459
3.900	12.744	.22802	.07250	.00021	.20641	.12101	1.70572	.00849	-.00277	.00211	-.04261
3.900	16.770	.35552	.06862	-.00028	.32061	.16828	1.90517	.00859	-.00246	-.00042	-.03798
3.900	20.855	.49447	.06515	-.00251	.43888	.23692	1.85244	.00864	-.00131	-.00360	-.03271
3.900	24.971	.64891	.06196	-.00416	.56209	.33011	1.70273	.00869	-.00050	-.00577	-.02989
3.900	28.991	.81082	.05931	-.00707	.68047	.44485	1.52966	.00865	-.00003	-.00647	-.02786
3.900	33.041	.98534	.05560	-.01247	.79568	.58386	1.36280	.00864	-.00144	-.00451	-.03173

LA75 TABULATED SAUCE DATA

PAGE 38

LARC UPWT 1173(LA75)B26C9E43F6M16N28R5V8W

(RJH025)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 185/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.035	-.15179	.09872	-.00632	-.14635	.10661	-1.37273	.00637	.00096	.00648	-.05911
4.600	-.994	-.11168	.09362	-.00373	-.11004	.09554	-1.15173	.00637	.00020	.00599	-.05607
4.600	1.014	-.06855	.08820	-.00375	-.07010	.08697	-.80600	.00640	-.00058	.00515	-.05353
4.600	3.029	-.02494	.08263	-.00415	-.02927	.08120	-.36053	.00637	-.00130	.00447	-.05134
4.600	5.031	.01875	.07804	-.00387	.01184	.07939	.14910	.00640	-.00199	.00370	-.04918
4.600	7.052	.06598	.07456	-.00283	.05632	.08210	.68605	.00643	-.00251	.00313	-.04746
4.600	9.087	.11631	.07147	-.00155	.10356	.08894	1.16442	.00646	-.00310	.00314	-.04671
4.600	13.099	.22209	.06719	-.00036	.20108	.11578	1.73675	.00656	-.00323	.00154	-.04243
4.600	17.121	.34557	.06452	.00084	.31126	.16340	1.90491	.00675	-.00323	-.00053	-.03728
4.600	21.190	.48533	.06267	.00035	.42986	.23386	1.83806	.00678	-.00241	-.00273	-.03363
4.600	25.300	.63663	.06096	-.00095	.54952	.32719	1.67952	.00675	-.00188	-.00423	-.03163
4.600	29.297	.79453	.05916	-.00323	.66396	.44038	1.50767	.00684	-.00126	-.00510	-.02907
4.600	33.349	.96254	.05671	-.00669	.77287	.57652	1.34057	.00675	-.00240	-.00414	-.03181

## LA75 TABULATED SAUCE DATA

PAGE 39

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH026)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 186/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.328	-.16694	.11057	.00172	-.15812	.12286	-1.28704	.01255	-.00272	.00470	-.00945
2.860	-2.303	-.11142	.10783	.00079	-.10700	.11222	-.95347	.01272	-.00253	.00429	-.00898
2.860	-.263	-.05503	.10437	-.00089	-.05455	.10462	-.52136	.01268	-.00246	.00401	-.00873
2.860	1.714	-.00088	.10158	-.00205	-.00392	.10151	-.03862	.01270	-.00223	.00377	-.00908
2.860	3.770	.05643	.09835	-.00278	.04984	.10185	.48937	.01287	-.00226	.00361	-.00868
2.860	5.794	.11655	.09412	-.00461	.10645	.10540	1.00995	.01325	-.00214	.00360	-.00836
2.860	7.852	.18122	.09068	-.00626	.16714	.11458	1.45863	.01341	-.00209	.00342	-.00824
2.860	11.936	.32148	.08519	-.01241	.29691	.14984	1.98151	.01417	-.00166	.00326	-.00752
2.860	16.008	.46874	.07893	-.02130	.42879	.20514	2.09026	.01430	-.00159	.00282	-.00722
2.860	20.074	.62191	.07255	-.03244	.55923	.28160	1.98590	.01445	-.00134	.00205	-.00672
2.860	24.182	.78653	.06668	-.04267	.69019	.38302	1.80195	.01441	-.00091	.00153	-.00557
2.860	28.250	.95835	.06151	-.05309	.81509	.50778	1.60520	.01439	-.00055	.00086	-.00431
2.860	32.314	1.14047	.05429	-.06587	.93482	.65554	1.42604	.01433	-.00047	.00057	-.00323

RUN NO. 150/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.682	-.14496	.09755	-.01240	-.13840	.10666	-1.29757	.00810	-.00212	.00423	-.00817
3.900	-1.661	-.10546	.09315	-.01006	-.10271	.09617	-1.06802	.00812	-.00197	.00384	-.00725
3.900	.375	-.06158	.08777	-.00855	-.06216	.08736	-.71148	.00819	-.00169	.00346	-.00647
3.900	2.363	-.01916	.08450	-.00803	-.02263	.08363	-.27059	.00814	-.00151	.00330	-.00630
3.900	4.415	.02648	.08159	-.00697	.02012	.08339	.24132	.00814	-.00158	.00327	-.00586
3.900	6.489	.07773	.07749	-.00753	.06847	.08578	.79824	.00814	-.00151	.00319	-.00544
3.900	8.524	.13037	.07612	-.00779	.11764	.09460	1.24359	.00819	-.00155	.00311	-.00575
3.900	12.486	.24188	.07290	-.00986	.22040	.12347	1.78501	.00832	-.00141	.00279	-.00476
3.900	16.592	.37434	.06960	-.01303	.33888	.17359	1.95213	.00839	-.00081	.00185	-.00305
3.900	20.720	.51887	.06640	-.01749	.46182	.24568	1.87977	.00844	-.00035	.00120	-.00247
3.900	24.627	.66978	.06376	-.02257	.58229	.33706	1.72758	.00842	.00016	.00057	-.00099
3.900	28.718	.83923	.06116	-.03060	.70722	.45723	1.54676	.00847	.00033	.00017	-.00069
3.900	32.799	1.02287	.05849	-.04188	.82813	.60324	1.37279	.00849	.00027	.00057	-.00139

## LA75 TABULATED SAOUCE DATA

PAGE 40

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH026)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6000 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 194/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.273	-.14058	.09660	-.01455	-.13483	.10447	-1.29064	.00640	-.00189	.00461	-.00921
4.600	-1.260	-.09958	.09014	-.01202	-.09758	.09231	-1.05709	.00640	-.00181	.00418	-.00816
4.600	.779	-.05757	.08453	-.01135	-.05871	.08374	-.70111	.00640	-.00161	.00368	-.00727
4.600	2.785	-.01670	.08037	-.01019	-.02059	.07946	-.25907	.00637	-.00153	.00363	-.00694
4.600	4.799	.02675	.07627	-.00897	.02028	.07824	.25913	.00637	-.00145	.00329	-.00655
4.600	6.795	.07458	.07217	-.00830	.06552	.08049	.81396	.00640	-.00151	.00315	-.00653
4.600	8.819	.12389	.06994	-.00688	.11171	.08811	1.26787	.00650	-.00140	.00301	-.00561
4.600	12.895	.23456	.06627	-.00893	.21385	.11695	1.82859	.00653	-.00104	.00189	-.00390
4.600	16.887	.36195	.06442	-.01157	.32763	.16679	1.95433	.00665	-.00090	.00155	-.00289
4.600	20.919	.50160	.06352	-.01376	.44586	.23843	1.87001	.00659	-.00054	.00082	-.00249
4.600	24.974	.65783	.06124	-.01888	.57047	.33325	1.71181	.00659	.00011	.00005	-.00095
4.600	29.982	.82068	.06037	-.02590	.68865	.45045	1.52881	.00662	.00005	.00010	-.00113
4.600	33.136	1.00048	.05932	-.03427	.80534	.59657	1.34995	.00662	.00008	.00019	-.00084

LA75 TABULATED SAUCE DATA

PAGE 41

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH027)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 187/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.341	-.19083	.11386	.01797	-.18166	.12798	-1.41949	.01227	-.00271	.00480	-.00915
2.860	-2.318	-.13373	.11054	.01561	-.12915	.11586	-1.11479	.01238	-.00261	.00448	-.00961
2.860	-.261	-.07522	.10624	.01331	-.07474	.10658	-.70125	.01238	-.00231	.00403	-.00865
2.860	1.752	-.01926	.10284	.01179	-.02239	.10220	-.21911	.01241	-.00223	.00389	-.00895
2.860	3.756	.03682	.09904	.01085	.03025	.10124	.29881	.01264	-.00233	.00380	-.00860
2.860	5.826	.09877	.09416	.00875	.08870	.10370	.85534	.01298	-.00220	.00367	-.00793
2.860	7.846	.16254	.08997	.00818	.14874	.11132	1.33622	.01323	-.00204	.00349	-.00767
2.860	11.943	.30043	.08455	.00423	.27643	.14489	1.90783	.01375	-.00179	.00329	-.00730
2.860	15.981	.44294	.07733	-.00203	.40453	.19629	2.06088	.01441	-.00172	.00283	-.00713
2.860	20.059	.59289	.06991	-.00967	.53295	.26902	1.98106	.01483	-.00154	.00219	-.00634
2.860	24.181	.75122	.06245	-.01601	.65973	.36468	1.80904	.01469	-.00092	.00146	-.00573
2.860	28.262	.91876	.05614	-.02246	.78266	.48448	1.61547	.01437	-.00064	.00097	-.00401
2.860	32.323	1.09373	.04794	-.03086	.89863	.62531	1.43708	.01407	-.00052	.00051	-.00331

RUN NO. 191/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.681	-.15747	.09885	-.00329	-.15080	.10876	-1.38649	.00809	-.00208	.00429	-.00809
3.900	-1.621	-.11676	.09417	-.00153	-.11405	.09743	-1.17051	.00807	-.00186	.00390	-.00705
3.900	.358	-.07455	.08887	-.00047	-.07511	.08840	-.84963	.00812	-.00161	.00345	-.00625
3.900	2.363	-.03011	.08490	-.00029	-.03359	.08359	-.40181	.00812	-.00141	.00344	-.00567
3.900	4.413	.01663	.08174	.00048	.01029	.08277	.12433	.00809	-.00149	.00327	-.00552
3.900	6.490	.06751	.07728	.00024	.05834	.08442	.69113	.00814	-.00147	.00311	-.00551
3.900	8.489	.11789	.07567	.00129	.10543	.09225	1.14291	.00827	-.00149	.00309	-.00533
3.900	12.578	.22863	.07210	.00140	.20744	.12016	1.72646	.00834	-.00135	.00282	-.00495
3.900	16.640	.35611	.06824	.00090	.32165	.16736	1.92192	.00844	-.00082	.00184	-.00334
3.900	20.617	.49199	.06448	.00028	.43778	.23359	1.87411	.00854	-.00039	.00122	-.00237
3.900	24.662	.64212	.06122	-.00085	.55800	.32358	1.72448	.00849	.00000	.00061	-.00107
3.900	28.765	.80783	.05754	-.00478	.68046	.43919	1.54936	.00852	.00034	.00025	-.00028
3.900	32.809	.98247	.05377	-.01092	.79662	.57754	1.37933	.00849	.00022	.00059	-.00104

## LA75 TABULATED SAUCE DATA

PAGE 42

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH027)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 195/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.285	-.15172	.09815	-.00720	-.14585	.10668	-1.36719	.00631	-.00178	.00463	-.00979
4.600	-1.248	-.10981	.09140	-.00508	-.10780	.09377	-1.14961	.00637	-.00172	.00421	-.00915
4.600	.786	-.06598	.08539	-.00512	-.06715	.08447	-.79490	.00631	-.00154	.00363	-.00815
4.600	2.745	-.02573	.08110	-.00456	-.02958	.07977	-.37082	.00637	-.00141	.00358	-.00732
4.600	4.754	.01767	.07657	-.00336	.01127	.07777	.14488	.00637	-.00141	.00333	-.00651
4.600	6.805	.06561	.07223	-.00181	.05659	.07949	.71187	.00637	-.00147	.00318	-.00658
4.600	8.819	.11370	.07000	.00051	.10163	.08660	1.17352	.00640	-.00137	.00303	-.00579
4.600	12.831	.22015	.06601	.00042	.19999	.11325	1.76588	.00646	-.00104	.00188	-.00441
4.600	16.870	.34178	.06378	.00096	.30856	.16023	1.92581	.00653	-.00093	.00132	-.00386
4.600	21.010	.48245	.06225	.00264	.42805	.23109	1.85236	.00656	-.00053	.00083	-.00260
4.600	25.005	.63055	.05903	.00157	.54650	.32002	1.70768	.00659	.00006	.00001	-.00126
4.600	29.028	.78921	.05713	-.00094	.66235	.43291	1.53001	.00659	-.00006	.00020	-.00167
4.600	33.125	.96146	.05506	-.00441	.77512	.57152	1.35625	.00659	-.00008	.00013	-.00122

## LA75 TABULATED SOURCE DATA

PAGE 43

LARC UPH1 1173(LA75)826C9E43F8M16N28R5V8M

(RJH028)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -5.600 BOFLAP = .000

RUN NO. 188/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.356	-.19285	.11476	.01853	-.18358	.12908	-1.42219	.01227	.00083	.00609	-.00980
2.860	-2.270	-.13416	.11119	.01585	-.12965	.11642	-1.11366	.01235	.00061	.00557	-.00972
2.860	-.281	-.07682	.10705	.01368	-.07630	.10743	-.71021	.01263	.00064	.00505	-.00913
2.860	1.726	-.02112	.10328	.01188	-.02422	.10259	-.23612	.01284	.00052	.00462	-.00916
2.860	3.776	.03528	.09927	.01083	.02867	.10138	.28278	.01299	.00043	.00435	-.00875
2.860	5.808	.09678	.09458	.00882	.08672	.10389	.83473	.01329	.00046	.00410	-.00812
2.860	7.837	.16056	.09063	.00773	.14670	.11168	1.31358	.01346	.00048	.00379	-.00755
2.860	11.901	.29873	.08469	.00365	.27485	.14448	1.90237	.01391	.00093	.00332	-.00683
2.860	15.980	.44237	.07801	-.00269	.40380	.19679	2.05196	.01430	.00136	.00282	-.00627
2.860	20.049	.59191	.07071	-.01062	.53180	.26934	1.97444	.01477	.00209	.00198	-.00532
2.860	24.171	.75183	.06330	-.01725	.66000	.36560	1.80525	.01466	.00295	.00115	-.00487
2.860	28.242	.91860	.05708	-.02396	.78223	.48496	1.61297	.01443	.00387	.00041	-.00293
2.860	32.345	1.09756	.04879	-.03289	.90116	.62842	1.43400	.01409	.00456	-.00025	-.00173

RUN NO. 192/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.685	-.15843	.09958	-.00281	-.15171	.10956	-1.38467	.00810	.00016	.00500	-.00869
3.900	-1.654	-.11758	.09451	-.00112	-.11481	.09786	-1.17313	.00812	.00018	.00445	-.00733
3.900	.370	-.07453	.08924	-.00018	-.07510	.08876	-.84616	.00815	.00037	.00401	-.00686
3.900	2.356	-.03100	.08541	-.00010	-.03448	.08407	-.41020	.00815	.00033	.00383	-.00633
3.900	4.420	.01638	.08195	.00073	.01001	.08297	.12070	.00817	.00008	.00364	-.00587
3.900	6.434	.06649	.07761	.00038	.05738	.08457	.67846	.00820	.00009	.00341	-.00515
3.900	8.445	.11726	.07600	.00107	.10482	.09240	1.13443	.00825	.00015	.00340	-.00489
3.900	12.488	.22656	.07231	.00096	.20556	.11959	1.71893	.00839	.00040	.00292	-.00484
3.900	16.528	.35479	.06876	.00028	.32057	.16685	1.92128	.00849	.00130	.00188	-.00309
3.900	20.599	.49257	.06511	-.00060	.43817	.23424	1.87056	.00854	.00222	.00114	-.00190
3.900	24.615	.64189	.06180	-.00214	.55781	.32354	1.72408	.00852	.00306	.00033	-.00045
3.900	28.737	.80868	.05821	-.00628	.68109	.43985	1.54845	.00852	.00414	-.00022	.00058
3.900	32.803	.98571	.05451	-.01290	.79900	.57983	1.37798	.00854	.00456	-.00008	.00005



LA75 TABULATED SAOUCE DATA

PAGE 44

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJM028)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -5.600 BOFLAP = .000

RUN NO. 196/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.247	-.15076	.09822	-.00638	-.14496	.10659	-1.35998	.00640	.00012	.00522	-.01034
4.600	-1.264	-.11081	.09196	-.00478	-.10875	.09438	-1.15222	.00634	.00018	.00480	-.00967
4.600	.790	-.06608	.08569	-.00471	-.06726	.08477	-.79338	.00640	.00010	.00420	-.00785
4.600	2.774	-.02535	.08127	-.00418	-.02925	.07995	-.36593	.00640	-.00001	.00395	-.00793
4.600	4.850	.01980	.07668	-.00315	.01325	.07808	.16971	.00637	-.00011	.00350	-.00661
4.600	6.790	.06576	.07244	-.00203	.05674	.07971	.71181	.00640	-.00021	.00345	-.00671
4.600	8.809	.11458	.07014	.00012	.10249	.08686	1.17997	.00643	-.00009	.00311	-.00630
4.600	12.841	.22124	.06614	.00005	.20101	.11366	1.76851	.00656	.00048	.00196	-.00396
4.600	16.904	.34524	.06400	-.00003	.31172	.16162	1.92874	.00659	.00094	.00123	-.00319
4.600	20.934	.48214	.06258	.00148	.42795	.23072	1.85489	.00665	.00177	.00067	-.00186
4.600	24.957	.63146	.05941	.00042	.54743	.32030	1.70911	.00665	.00291	-.00031	-.00079
4.600	29.022	.79223	.05782	-.00267	.66470	.43490	1.52841	.00662	.00341	-.00018	-.00094
4.600	33.068	.96106	.05589	-.00644	.77490	.57122	1.35656	.00662	.00409	-.00041	-.00033

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAUCE DATA

PAGE 45

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJ4029)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 189/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.359	-.19511	.11590	.01902	-.18573	.13039	-1.42446	.01242	-.00205	.01211	-.07583
2.860	-2.309	-.13557	.11245	.01619	-.13093	.11782	-1.11121	.01274	-.00219	.01109	-.07080
2.860	-.254	-.07813	.10903	.01391	-.07765	.10937	-.70993	.01292	-.00240	.00995	-.06769
2.860	1.728	-.02206	.10504	.01190	-.02522	.10433	-.24175	.01303	-.00252	.00863	-.06384
2.860	3.825	.03713	.10059	.01075	.03034	.10285	.29500	.01312	-.00263	.00724	-.05953
2.860	5.832	.09733	.09631	.00940	.08704	.10570	.82343	.01331	-.00265	.00621	-.05726
2.860	7.870	.16206	.09219	.00784	.14791	.11351	1.30304	.01348	-.00279	.00514	-.05525
2.860	11.907	.29798	.08636	.00438	.27375	.14598	1.87526	.01389	-.00318	.00267	-.04971
2.860	15.975	.44197	.07823	-.00262	.40337	.19684	2.04919	.01432	-.00319	-.00031	-.04458
2.860	20.126	.59643	.06944	-.01237	.53612	.27043	1.98249	.01470	-.00223	-.00402	-.03963
2.860	24.161	.75066	.06210	-.01800	.65948	.36392	1.81218	.01457	-.00083	-.00729	-.03488
2.860	28.245	.91897	.05598	-.02463	.78306	.48421	1.61717	.01455	-.00010	-.00891	-.03232
2.860	32.378	1.09704	.04977	-.03058	.89984	.62950	1.42944	.01430	-.00150	-.00718	-.03599

RUN NO. 193/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.676	-.16086	.10106	-.00089	-.15405	.11117	-1.38568	.00814	-.00027	.00848	-.06054
3.900	-1.659	-.11978	.09664	.00061	-.11693	.10007	-1.16849	.00812	-.00083	.00773	-.05717
3.900	.377	-.07567	.09204	.00203	-.07628	.09154	-.83327	.00819	-.00140	.00714	-.05375
3.900	2.378	-.03017	.08752	.00130	-.03378	.08619	-.39193	.00822	-.00184	.00625	-.05135
3.900	4.409	.01621	.08300	.00158	.00979	.08400	.11650	.00824	-.00243	.00542	-.04874
3.900	6.414	.06388	.07989	.00163	.05455	.08652	.63049	.00824	-.00281	.00461	-.04670
3.900	8.487	.11931	.07711	.00152	.10662	.09387	1.13578	.00832	-.00302	.00420	-.04525
3.900	12.530	.22883	.07305	.00169	.20753	.12096	1.71576	.00842	-.00344	.00321	-.04286
3.900	16.641	.35889	.06869	.00065	.32419	.16859	1.92290	.00857	-.00295	.00045	-.03737
3.900	20.646	.49553	.06487	-.00200	.44083	.23543	1.87246	.00864	-.00163	-.00325	-.03227
3.900	24.699	.64729	.06163	-.00381	.56233	.32646	1.72250	.00866	-.00073	-.00543	-.02875
3.900	28.732	.81095	.05898	-.00699	.68276	.44155	1.54626	.00869	-.00018	-.00634	-.02619
3.900	32.845	.98721	.05530	-.01222	.79941	.58189	1.37382	.00857	-.00161	-.00454	-.03039

LA75 TABULATED SAUCE DATA

PAGE 46

LARC UPWT 1173(LA75)B26C9E43F8M18N28R5V8W

(RJH029)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6000 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -5.600 DOFLAP = .000

RUN NO. 197/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.278	-.15232	.09897	-.00474	-.14641	.10751	-1.36177	.00640	.00008	.00778	-.05936
4.600	-1.251	-.11213	.09411	-.00228	-.11005	.09654	-1.13997	.00643	-.00065	.00719	-.05628
4.600	.765	-.06877	.08838	-.00203	-.06994	.08745	-.79981	.00640	-.00124	.00635	-.05280
4.600	2.744	-.02570	.08281	-.00243	-.02963	.08149	-.36367	.00640	-.00194	.00548	-.05059
4.600	4.791	.01741	.07816	-.00225	.01082	.07934	.13634	.00640	-.00262	.00471	-.04883
4.600	6.807	.06533	.07481	-.00122	.05601	.08203	.68276	.00643	-.00305	.00423	-.04623
4.600	8.827	.11525	.07177	.00008	.10287	.08860	1.16099	.00646	-.00354	.00406	-.04544
4.600	12.969	.22484	.06733	.00134	.20399	.11607	1.75750	.00653	-.00366	.00207	-.04101
4.600	16.904	.34323	.06444	.00159	.30966	.16145	1.91800	.00659	-.00347	-.00036	-.03660
4.600	20.948	.48339	.06230	.00078	.42916	.23101	1.85776	.00665	-.00241	-.00304	-.03234
4.600	25.032	.63487	.06049	-.00037	.54965	.32344	1.69938	.00668	-.00188	-.00426	-.02951
4.600	29.022	.79208	.05875	-.00292	.66412	.43564	1.52446	.00672	-.00121	-.00551	-.02729
4.600	33.064	.95948	.05632	-.00635	.77337	.57068	1.35519	.00668	-.00228	-.00436	-.02917

LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)1826C9E43F8M16N28R5V8W

(RJH030)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 15/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.335	-.16963	.11419	.00467	-.16052	.12659	-1.26702	.01138	-.00468	.00840	-.01516
2.860	-2.347	-.11557	.11184	.00289	-.11190	.11652	-.96032	.01150	-.00457	.00800	-.01575
2.860	-.259	-.05920	.10820	.00151	-.05871	.10847	-.54132	.01148	-.00425	.00741	-.01462
2.860	1.703	-.00547	.10550	.00029	-.00860	.10529	-.08167	.01143	-.00420	.00722	-.01412
2.860	3.783	.05111	.10203	-.00010	.04427	.10518	.42091	.01172	-.00410	.00700	-.01369
2.860	5.845	.11327	.09760	-.00170	.10274	.10863	.94584	.01237	-.00402	.00690	-.01380
2.860	7.868	.17910	.09319	-.00347	.16466	.11683	1.40932	.01316	-.00371	.00668	-.01242
2.860	11.870	.31634	.08841	-.00975	.29139	.15158	1.92227	.01363	-.00335	.00620	-.01212
2.860	15.969	.46367	.08166	-.01849	.42331	.20607	2.05425	.01410	-.00331	.00556	-.01163
2.860	20.040	.61787	.07505	-.02954	.55474	.28224	1.96550	.01412	-.00274	.00443	-.01031
2.860	24.145	.78193	.06888	-.04020	.68535	.38270	1.79081	.01405	-.00198	.00348	-.00808
2.860	28.218	.95342	.06317	-.05131	.81024	.50646	1.59980	.01408	-.00137	.00228	-.00579
2.860	32.351	1.13720	.05556	-.06443	.93096	.65546	1.42030	.01395	-.00123	.00173	-.00484

RUN NO. 32/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.676	-.14539	.10251	-.01056	-.13852	.11162	-1.24103	.00673	-.00424	.00846	-.01515
3.900	-1.653	-.10646	.09774	-.00849	-.10359	.10077	-1.02803	.00687	-.00386	.00776	-.01411
3.900	.369	-.06327	.09250	-.00716	-.06387	.09209	-.69354	.00679	-.00342	.00698	-.01289
3.900	2.372	-.02016	.08902	-.00642	-.02383	.08811	-.27040	.00675	-.00319	.00684	-.01226
3.900	4.395	.02519	.08586	-.00536	.01854	.08754	.21175	.00707	-.00317	.00678	-.01206
3.900	6.437	.07648	.08134	-.00570	.06687	.08940	.74804	.00747	-.00309	.00666	-.01157
3.900	8.451	.12835	.07958	-.00583	.11525	.09768	1.17986	.00771	-.00305	.00670	-.01112
3.900	12.478	.23876	.07636	-.00794	.21662	.12614	1.71733	.00793	-.00274	.00606	-.01025
3.900	16.570	.37268	.07302	-.01142	.33638	.17627	1.90831	.00806	-.00202	.00455	-.00888
3.900	20.600	.51485	.06934	-.01613	.45754	.24605	1.85954	.00809	-.00126	.00349	-.00691
3.900	24.675	.67131	.06643	-.02153	.58228	.34062	1.70949	.00804	-.00061	.00252	-.00504
3.900	28.770	.84476	.06439	-.02981	.70950	.46302	1.53233	.00809	.00005	.00181	-.00413
3.900	32.819	1.02482	.06144	-.04109	.82794	.60707	1.36383	.00811	.00036	.00134	-.00321

LA75 TABULATED SAUCE DATA

PAGE 48

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6W

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJH030)

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 ATLRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 48/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.263	-.12887	.10342	-.01358	-.12277	.11059	-1.11020	.00491	-.00402	.00890	-.01712
4.600	-1.263	-.08959	.09675	-.01160	-.08643	.09868	-.87589	.00488	-.00375	.00815	-.01549
4.600	.747	-.04698	.09086	-.01102	-.04816	.09024	-.53371	.00491	-.00337	.00732	-.01361
4.600	2.787	-.00588	.08677	-.00980	-.01010	.08638	-.11688	.00498	-.00314	.00713	-.01357
4.600	4.792	.03768	.08230	-.00838	.03067	.08516	.36018	.00530	-.00296	.00683	-.01261
4.600	6.813	.08552	.07795	-.00752	.07567	.08755	.86433	.00558	-.00305	.00693	-.01254
4.600	8.807	.13493	.07581	-.00591	.12173	.09557	1.27371	.00584	-.00299	.00655	-.01196
4.600	12.831	.24370	.07149	-.00831	.22174	.12383	1.79070	.00597	-.00224	.00507	-.00897
4.600	16.917	.37191	.06961	-.01144	.33556	.17482	1.91943	.00609	-.00192	.00402	-.00795
4.600	20.941	.51486	.06834	-.01424	.45643	.24784	1.84162	.00622	-.00127	.00305	-.00667
4.600	24.997	.67094	.06578	-.01945	.58030	.34313	1.69118	.00619	-.00050	.00201	-.00394
4.600	29.022	.83613	.06502	-.02655	.69959	.46250	1.51263	.00628	-.00046	.00192	-.00453
4.600	33.112	1.01524	.06471	-.03517	.81502	.60881	1.33872	.00522	-.00035	.00177	-.00421

## LA75 TABULATED SAOUCE DATA

PAGE 49

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8H

(RJH031)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDGRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 22/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.331	-.17388	.11724	.00532	-.16453	.13004	-1.26528	.01091	-.00805	.01463	-.08166
2.860	-2.286	-.11924	.11449	.00368	-.11358	.11911	-.95356	.01130	-.00786	.01373	-.07788
2.860	-.275	-.06151	.11157	.00250	-.06097	.11186	-.54508	.01173	-.00786	.01274	-.07411
2.860	1.764	-.00535	.10793	.00090	-.00867	.10771	-.08048	.01192	-.00774	.01156	-.07017
2.860	3.818	.05161	.10411	.00047	.04456	.10731	.41525	.01215	-.00770	.01043	-.06665
2.860	5.803	.11161	.10008	-.00109	.10092	.11085	.91035	.01258	-.00770	.00938	-.06404
2.860	7.885	.17803	.09632	-.00313	.16313	.11984	1.36128	.01299	-.00765	.00841	-.06151
2.860	11.899	.31708	.09018	-.00901	.29167	.15362	1.89863	.01386	-.00782	.00548	-.05536
2.860	15.977	.46573	.08212	-.01967	.42513	.20713	2.05245	.01435	-.00828	.00255	-.05126
2.860	20.024	.61982	.07365	-.03320	.55713	.28143	1.97963	.01442	-.00724	-.00140	-.04484
2.860	24.156	.78414	.06660	-.04324	.68822	.38166	1.80325	.01406	-.00610	-.00508	-.03899
2.860	28.218	.95537	.06186	-.05308	.81259	.50623	1.60516	.01425	-.00558	-.00688	-.03593
2.860	32.317	1.13681	.05699	-.06303	.93025	.65591	1.41827	.01435	-.00738	-.00515	-.04017

RUN NO. 39/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.634	-.14416	.10452	-.00871	-.13725	.11345	-1.20977	.00645	-.00532	.01200	-.06918
3.900	-1.642	-.10450	.10064	-.00662	-.10157	.10359	-.98053	.00640	-.00567	.01107	-.06617
3.900	.362	-.06225	.09663	-.00478	-.06285	.09623	-.65316	.00657	-.00591	.01046	-.06272
3.900	2.365	-.01833	.09225	-.00497	-.02212	.09141	-.24194	.00672	-.00606	.00962	-.06025
3.900	4.457	.02895	.08780	-.00442	.02204	.08979	.24552	.00700	-.00639	.00892	-.05785
3.900	6.445	.07636	.08480	-.00422	.06636	.09283	.71485	.00734	-.00661	.00830	-.05573
3.900	8.488	.13075	.08217	-.00483	.11719	.10056	1.16530	.00771	-.00684	.00794	-.05415
3.900	12.530	.24238	.07810	-.00693	.21967	.12882	1.70519	.00794	-.00717	.00633	-.05151
3.900	16.540	.37363	.07379	-.01138	.33716	.17710	1.90375	.00808	-.00683	.00326	-.04607
3.900	20.579	.51714	.06938	-.01842	.45975	.24673	1.86337	.00826	-.00549	-.00082	-.03938
3.900	24.657	.67482	.06668	-.02394	.58547	.34212	1.71132	.00828	-.00495	-.00309	-.03554
3.900	28.725	.84498	.06532	-.03164	.70960	.46338	1.53135	.00831	-.00485	-.00416	-.03307
3.900	32.794	1.02635	.06333	-.04072	.82847	.60913	1.36007	.00833	-.00679	-.00230	-.03713

## LA75 TABULATED SAUCE DATA

PAGE 50

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH031)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 55/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.254	-.12588	.10442	-.01176	-.11975	.11139	-1.07503	.00453	-.00455	.01106	-.06485
4.600	-1.320	-.08940	.09957	-.00885	-.08609	.10158	-.84745	.00456	-.00489	.01054	-.06130
4.600	.792	-.04493	.09427	-.00718	-.04623	.09364	-.49374	.00472	-.00519	.00946	-.05829
4.600	2.721	-.00398	.08875	-.00718	-.00819	.08846	-.09255	.00501	-.00541	.00874	-.05589
4.600	4.794	.04072	.08464	-.00637	.03350	.08775	.38183	.00507	-.00583	.00812	-.05403
4.600	6.832	.06823	.08136	-.00539	.07792	.09128	.85367	.00533	-.00608	.00750	-.05165
4.600	8.765	.13688	.07627	-.00476	.12336	.09821	1.25601	.00571	-.00644	.00748	-.05021
4.600	12.886	.24768	.07350	-.00667	.22505	.12689	1.77362	.00587	-.00657	.00506	-.04598
4.600	16.877	.37320	.07034	-.00972	.33670	.17566	1.91677	.00603	-.00635	.00191	-.04068
4.600	20.900	.51822	.06808	-.01485	.45984	.24847	1.85067	.00616	-.00565	-.00073	-.03565
4.600	25.034	.67634	.06692	-.02044	.58448	.34682	1.68525	.00622	-.00562	-.00210	-.03249
4.600	28.980	.83671	.06604	-.02756	.69995	.46316	1.51125	.00625	-.00553	-.00338	-.03069
4.600	33.068	1.01300	.06508	-.03534	.81341	.60727	1.33946	.00629	-.00703	-.00244	-.03285

## LA75 TABULATED SAOUCE DATA

PAGE 51

LARC UPWT 1173(LA75)B26C9E43F8M16N26R5V8M

(RJH032)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 ALLRON = .000 SPDRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 16/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.270	-.19141	.11837	.02056	-.18207	.13229	-1.37629	.01115	-.00480	.00880	-.01592
2.860	-2.343	-.13776	.11506	.01814	-.13294	.12060	-1.10232	.01130	-.00454	.00822	-.01555
2.860	-.270	-.07941	.11077	.01581	-.07889	.11114	-.70379	.01133	-.00425	.00770	-.01485
2.860	1.765	-.02220	.10699	.01440	-.02549	.10625	-.23989	.01128	-.00415	.00748	-.01453
2.860	3.791	.03344	.10291	.01364	.02656	.10490	.25322	.01164	-.00403	.00712	-.01349
2.860	5.850	.09534	.09757	.01167	.08590	.10689	.80362	.01231	-.00404	.00692	-.01360
2.860	7.848	.15797	.09343	.01117	.14373	.11412	1.25948	.01269	-.00373	.00675	-.01274
2.860	12.052	.30068	.08769	.00680	.27575	.14854	1.85641	.01331	-.00339	.00631	-.01231
2.860	16.020	.44410	.08014	.00046	.40473	.19959	2.02786	.01420	-.00316	.00548	-.01187
2.860	20.127	.59261	.07267	-.00745	.53141	.27215	1.95267	.01459	-.00268	.00448	-.01028
2.860	24.256	.75077	.06472	-.01398	.65791	.36744	1.79053	.01433	-.00190	.00336	-.00837
2.860	28.236	.91488	.05834	-.02053	.77841	.48423	1.60752	.01391	-.00146	.00228	-.00656
2.860	32.421	1.09627	.04946	-.03001	.89888	.62951	1.42791	.01380	-.00133	.00186	-.00535

RUN NO. 31/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.900	-4.353	-.19297	.11819	.01801	-.18344	.13250	-1.38447	.01105	-.00497	.00955	-.01889
2.900	-2.322	-.13528	.11472	.01568	-.13052	.12011	-1.09670	.01119	-.00469	.00900	-.01791
2.900	-.289	-.07791	.11027	.01404	-.07735	.11066	-.69903	.01117	-.00441	.00838	-.01727
2.900	1.752	-.02061	.10652	.01349	-.02386	.10584	-.22545	.01110	-.00435	.00814	-.01654
2.900	3.756	.03435	.10230	.01285	.02757	.10433	.26429	.01155	-.00429	.00773	-.01582
2.900	5.830	.09639	.09691	.01080	.08604	.10620	.81018	.01212	-.00405	.00746	-.01531
2.900	7.854	.15841	.09278	.00998	.14425	.11356	1.27025	.01259	-.00384	.00719	-.01473
2.900	11.916	.29422	.08713	.00466	.26989	.14601	1.84849	.01336	-.00347	.00669	-.01404
2.900	15.995	.43680	.07990	-.00160	.39788	.19717	2.01799	.01386	-.00316	.00597	-.01338
2.900	20.056	.58717	.07270	-.00827	.52663	.26965	1.95302	.01416	-.00276	.00505	-.01169
2.900	24.126	.74025	.06541	-.01215	.64885	.36227	1.79109	.01392	-.00205	.00383	-.00993
2.900	28.244	.90911	.05879	-.01875	.77305	.48201	1.60382	.01379	-.00145	.00274	-.00806
2.900	32.342	1.08616	.05052	-.02837	.89063	.62375	1.42788	.01357	-.00142	.00237	-.00748



## LA75 TABULATED SAOUCE DATA

PAGE 52

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM032)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOSRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 33/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CEL	CYN	CY
3.900	-3.645	-.15757	.10380	-.00137	-.15065	.11361	-1.32608	.00672	-.00418	.00838	-.01507
3.900	-1.659	-.11594	.09889	.00008	-.11403	.10224	-1.11535	.00674	-.00380	.00767	-.01391
3.900	.374	-.07369	.09345	.00096	-.07430	.09297	-.79919	.00674	-.00331	.00706	-.01264
3.900	2.368	-.02953	.08966	.00116	-.03321	.08836	-.37587	.00671	-.00307	.00679	-.01229
3.900	4.393	.01636	.08625	.00206	.00971	.08725	.11126	.00689	-.00311	.00680	-.01174
3.900	6.427	.06592	.08153	.00185	.05638	.08840	.63785	.00731	-.00303	.00668	-.01166
3.900	8.482	.11780	.07989	.00290	.10473	.09639	1.08652	.00759	-.00300	.00669	-.01098
3.900	12.489	.22611	.07599	.00311	.20433	.12309	1.66000	.00786	-.00270	.00608	-.01038
3.900	16.548	.35386	.07198	.00245	.31870	.16978	1.87713	.00603	-.00203	.00470	-.00848
3.900	20.618	.49229	.06773	.00121	.43691	.23674	1.84553	.00813	-.00131	.00359	-.00670
3.900	24.688	.64469	.06421	-.00027	.55894	.32761	1.70611	.00813	-.00065	.00266	-.00469
3.900	28.742	.81010	.06090	-.00428	.68100	.44295	1.53743	.00811	-.00008	.00189	-.00375
3.900	32.811	.98574	.05681	-.01068	.79769	.56189	1.37086	.00814	.00019	.00152	-.00285

RUN NO. 43/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CEL	CYN	CY
4.600	-3.276	-.13937	.10452	-.00644	-.13317	.11231	-1.18573	.00497	-.00393	.00893	-.01725
4.600	-1.251	-.09704	.09753	-.00452	-.09489	.09962	-.95246	.00497	-.00359	.00809	-.01510
4.600	.750	-.05476	.09139	-.00473	-.05595	.09067	-.61705	.00494	-.00324	.00727	-.01403
4.600	2.752	-.01376	.08714	-.00383	-.01793	.08638	-.20752	.00501	-.00306	.00727	-.01355
4.600	4.788	.02977	.08232	-.00274	.02280	.08452	.26970	.00532	-.00295	.00678	-.01254
4.600	6.799	.07771	.07775	-.00115	.06783	.08641	.78651	.00568	-.00299	.00687	-.01208
4.600	8.828	.12597	.07529	.00151	.11293	.09373	1.20487	.00593	-.00290	.00657	-.01165
4.600	12.855	.23162	.07068	.00094	.21010	.12044	1.74447	.00613	-.00226	.00487	-.00940
4.600	16.929	.35641	.06833	.00078	.32107	.16915	1.89818	.00625	-.00192	.00379	-.00834
4.600	20.983	.49484	.06670	.00206	.43814	.23947	1.82958	.00628	-.00128	.00306	-.00631
4.600	25.010	.64547	.06324	.00087	.55821	.33020	1.69053	.00635	-.00058	.00197	-.00419
4.600	28.987	.80243	.06185	-.00183	.67194	.44296	1.51692	.00622	-.00058	.00193	-.00458
4.600	33.111	.97832	.06037	-.00561	.78648	.58498	1.34445	.00622	-.00051	.00182	-.00402

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LA75 TABULATED SAUCE DATA

PAGE 53

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH033)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 21/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.376	-.19749	.12064	.02180	-.18771	.13536	-1.38674	.01102	-.00774	.01482	-.08215
2.860	-2.282	-.13794	.11725	.01895	-.13316	.12265	-1.08572	.01117	-.00742	.01393	-.07783
2.860	-.274	-.08046	.11344	.01686	-.07992	.11382	-.70211	.01158	-.00741	.01283	-.07392
2.860	1.722	-.02485	.10936	.01462	-.02813	.10856	-.25907	.01179	-.00735	.01165	-.06968
2.860	3.741	.03107	.10495	.01390	.02416	.10676	.22627	.01200	-.00723	.01042	-.06639
2.860	5.855	.04420	.10040	.01250	.08346	.10949	.76230	.01235	-.00719	.00932	-.06398
2.860	7.871	.15841	.09597	.01139	.14378	.11676	1.23139	.01283	-.00710	.00844	-.06134
2.860	11.942	.29625	.08934	.00741	.27135	.14871	1.82472	.01369	-.00738	.00544	-.05553
2.860	15.961	.44003	.08053	-.00064	.40092	.19843	2.02044	.01448	-.00777	.00253	-.05046
2.860	20.054	.59205	.07136	-.01095	.53168	.27006	1.96879	.01457	-.00677	-.00145	-.04474
2.860	24.204	.75233	.06300	-.01694	.66036	.36591	1.80469	.01427	-.00555	-.00505	-.03891
2.860	28.201	.91528	.05703	-.02293	.77968	.48279	1.61494	.01419	-.00515	-.00679	-.03630
2.860	32.362	1.09445	.05118	-.02827	.89707	.62905	1.42607	.01406	-.00699	-.00500	-.04035

RUN NO. 38/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.676	-.15826	.10640	.00063	-.15111	.11633	-1.29902	.00638	-.00473	.01215	-.06968
3.900	-1.646	-.11706	.10195	.00187	-.11408	.10528	-1.08363	.00638	-.00497	.01124	-.06615
3.900	.386	-.07286	.09760	.00338	-.07352	.09711	-.75708	.00650	-.00527	.01048	-.06300
3.900	2.389	-.02863	.09241	.00270	-.03248	.09163	-.35443	.00667	-.00552	.00971	-.06049
3.900	4.405	.01762	.08833	.00299	.01078	.08942	.12055	.00697	-.00583	.00894	-.05747
3.900	6.423	.06696	.08475	.00357	.05706	.09171	.62216	.00737	-.00613	.00831	-.05499
3.900	8.427	.11784	.08204	.00384	.10455	.09842	1.06220	.00779	-.00641	.00793	-.05422
3.900	12.528	.22749	.07750	.00404	.20526	.12500	1.64203	.00794	-.00674	.00637	-.05155
3.900	16.537	.35484	.07276	.00249	.31945	.17076	1.87080	.00809	-.00639	.00335	-.04585
3.900	20.569	.49274	.06774	-.00116	.43753	.23654	1.84971	.00823	-.00528	-.00070	-.03975
3.900	24.685	.64725	.06417	-.00292	.56131	.32862	1.70808	.00828	-.00471	-.00316	-.03606
3.900	28.749	.81280	.06181	-.00614	.68289	.44512	1.53416	.00831	-.00460	-.00420	-.03316
3.900	32.796	.98589	.05852	-.01047	.79705	.58320	1.36669	.00826	-.00646	-.00232	-.03725

## LA75 TABULATED SAUCE DATA

PAGE 54

LARC UPWT :173(LA75)B26C9E43FBM16N28RSVBW

(RJH033)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 ATLRON = .000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	54/ 0	RN/L =	.00						
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.270	-.13757	.10581	-.00439	-.13131	.11349	-1.15710	.00453	-.00384	.01131	-.06491
4.600	-1.276	-.09903	.10065	-.00166	-.09576	.10280	-.93152	.00456	-.00426	.01050	-.06215
4.600	.757	-.05475	.09514	-.00109	-.05600	.09441	-.59315	.00469	-.00456	.00952	-.05858
4.600	2.775	-.01135	.08916	-.00160	-.01566	.08851	-.17689	.00494	-.00485	.00880	-.05565
4.600	4.808	.03258	.08477	-.00066	.02536	.08720	.29085	.00520	-.00541	.00818	-.05389
4.600	6.791	.07873	.08135	.00074	.06856	.09009	.76105	.00539	-.00577	.00745	-.05159
4.600	8.797	.12754	.07828	.00212	.11406	.09686	1.17762	.00565	-.00613	.00743	-.05070
4.600	12.914	.23592	.07279	.00317	.21368	.12367	1.72785	.00597	-.00627	.00507	-.04597
4.600	16.967	.35896	.06919	.00264	.32315	.17093	1.89056	.00613	-.00605	.00189	-.04056
4.600	20.903	.49590	.06635	.00104	.43959	.23891	1.83994	.00622	-.00533	-.00080	-.03564
4.600	25.052	.64915	.06446	-.00053	.56079	.33327	1.68267	.00625	-.00529	-.00211	-.03262
4.600	28.990	.80456	.06263	-.00305	.67340	.44472	1.51421	.00629	-.00520	-.00334	-.03102
4.600	33.170	.97884	.06064	-.00620	.78616	.58631	1.34087	.00622	-.00680	-.00226	-.03296

LA75 TABULATED SAOUCE DATA

PAGE 55

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH034)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. X0  
 LREF = 474.8000 INCHES YMRP = .0000 IN. Y0  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 17/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.309	-.19298	.11906	.02083	-.10349	.13322	-1.37730	.01131	-.00137	.01016	-.01738
2.860	-2.330	-.13944	.11565	.01821	-.13362	.12119	-1.10263	.01145	-.00142	.00945	-.01704
2.860	-.248	-.07903	.11149	.01612	-.07855	.11183	-.70240	.01145	-.00129	.00873	-.01583
2.860	1.739	-.02433	.10783	.01443	-.02759	.10704	-.25777	.01154	-.00131	.00832	-.01527
2.860	3.812	.03487	.10350	.01347	.02792	.10559	.26437	.01184	-.00150	.00786	-.01475
2.860	5.825	.09427	.09842	.01167	.08379	.10748	.77959	.01248	-.00143	.00752	-.01409
2.860	7.858	.15897	.09429	.01084	.14459	.11514	1.25573	.01282	-.00117	.00725	-.01315
2.860	11.845	.29374	.08812	.00646	.26940	.14654	1.83847	.01365	-.00065	.00652	-.01253
2.860	15.948	.43860	.08139	.00004	.39936	.19876	2.00922	.01401	-.00027	.00569	-.01175
2.860	20.088	.59343	.07389	-.00877	.53195	.27322	1.94697	.01451	.00072	.00433	-.01031
2.860	24.150	.75092	.06630	-.01532	.65806	.36773	1.78955	.01417	.00193	.00307	-.00831
2.860	28.192	.91534	.05973	-.02218	.77853	.48508	1.60496	.01402	.00298	.00183	-.00579
2.860	32.350	1.09595	.05088	-.03170	.89862	.62942	1.42771	.01391	.00371	.00110	-.00444

RUN NO. 34/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.560	-.15829	.10490	-.00112	-.15127	.11480	-1.31768	.00672	-.00184	.00926	-.01528
3.900	-1.664	-.11743	.09968	.00051	-.11449	.10305	-1.11101	.00677	-.00168	.00846	-.01385
3.900	.357	-.07431	.09433	.00118	-.07490	.09386	-.79793	.00680	-.00134	.00783	-.01293
3.900	2.375	-.02946	.09021	.00145	-.03317	.08891	-.37306	.00677	-.00129	.00732	-.01224
3.900	4.418	.01613	.08691	.00212	.00939	.08789	.10679	.00692	-.00144	.00724	-.01134
3.900	6.437	.06643	.08223	.00187	.05679	.08916	.63696	.00722	-.00148	.00697	-.01090
3.900	8.438	.11690	.08012	.00256	.10388	.09641	1.07748	.00766	-.00138	.00692	-.01054
3.900	12.481	.22684	.07632	.00253	.20499	.12354	1.65923	.00798	-.00087	.00611	-.00984
3.900	16.534	.35451	.07250	.00181	.31522	.17039	1.87343	.00826	.00010	.00458	-.00782
3.900	20.618	.49509	.06815	.00030	.43938	.23813	1.84517	.00843	.00133	.00344	-.00617
3.900	24.676	.64631	.06484	-.00158	.56022	.32875	1.70412	.00836	.00242	.00238	-.00403
3.900	28.730	.81348	.06167	-.00591	.68369	.44511	1.53600	.00831	.00361	.00142	-.00323
3.900	32.808	.98891	.05785	-.01282	.79983	.58443	1.36856	.00828	.00462	.00094	-.00211

## LA75 TABULATED SAUCE DATA

PAGE 56

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH034)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO.		50/ 0	RN/L = .00													
MACH	ALPHA	CII	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY					
4.600	-3.280	-.13967	.10502	-.00601	-.13343	.11284	-1.18252	.00494	-.00191	.00953	-.01730					
4.600	-1.235	-.09906	.09809	-.00405	-.09592	.10018	-.95751	.00494	-.00171	.00868	-.01565					
4.600	.797	-.05420	.09177	-.00446	-.05547	.09101	-.60947	.00494	-.00163	.00775	-.01414					
4.600	2.721	-.01534	.08749	-.00356	-.01947	.08666	-.22469	.00507	-.00162	.00744	-.01370					
4.600	4.846	.03124	.08264	-.00237	.02414	.08499	.28407	.00523	-.00167	.00704	-.01269					
4.600	6.852	.07918	.07822	-.00109	.06928	.08711	.79536	.00545	-.00175	.00704	-.01221					
4.600	8.786	.12613	.07596	.00114	.11305	.09434	1.19837	.00564	-.00160	.00674	-.01129					
4.600	16.873	.35648	.06925	.00017	.32103	.16974	1.89130	.00590	-.00012	.00388	-.00737					
4.600	20.902	.49420	.06741	.00118	.43763	.23929	1.82884	.00613	.00098	.00289	-.00562					
4.600	25.064	.64854	.06398	-.00066	.56037	.33269	1.68436	.00616	.00232	.00165	-.00363					
4.600	29.098	.80953	.06249	-.00342	.67697	.44827	1.51017	.00619	.00293	.00154	-.00334					
4.600	33.010	.97563	.06122	-.00716	.78478	.58285	1.34647	.00622	.00368	.00126	-.00232					

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH035)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO.		20/ 0	RN/L = .00													
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY					
2.860	-4.318	-.19697	.12180	.02245	-.18724	.13628	-1.37393	.01106	-.00396	.01617	-.08215					
2.860	-2.321	-.14024	.11843	.01972	-.13533	.12401	-1.09126	.01135	-.00406	.01508	-.07801					
2.860	-.266	-.08185	.11468	.01754	-.08132	.11505	-.70677	.01169	-.00422	.01381	-.07385					
2.860	1.726	-.02562	.11036	.01532	-.02893	.10954	-.26414	.01187	-.00439	.01250	-.07012					
2.860	3.800	.03191	.10583	.01455	.02482	.10771	.23046	.01210	-.00448	.01107	-.06654					
2.860	5.813	.09313	.10160	.01302	.08236	.11051	.74525	.01237	-.00443	.00986	-.06343					
2.860	7.805	.15623	.09706	.01168	.14160	.11737	1.20642	.01296	-.00437	.00887	-.06130					
2.860	11.912	.29493	.08935	.00738	.27001	.14889	1.81349	.01384	-.00453	.00563	-.05452					
2.860	16.005	.43978	.08141	-.00051	.40028	.19951	2.00634	.01429	-.00454	.00247	-.04991					
2.860	20.081	.59359	.07224	-.01146	.53270	.27165	1.96097	.01452	-.00319	-.00166	-.04372					
2.860	24.173	.75053	.06445	-.01778	.65833	.36613	1.79805	.01431	-.00167	-.00542	-.03811					
2.860	28.266	.91923	.05804	-.02427	.78213	.48644	1.60787	.01433	-.00079	-.00730	-.03494					
2.860	32.374	1.09616	.05218	-.02986	.89784	.63100	1.42289	.01423	-.00185	-.00565	-.03861					

LA75 TABULATED SAUCE DATA

PAGE 57

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH035)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 36/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.673	-.16042	.10645	.00214	-.15327	.11651	-1.31549	.00704	-.00213	.01273	-.06861
3.900	-1.642	-.11953	.10261	.00326	-.11654	.10599	-1.09953	.00652	-.00266	.01180	-.06514
3.900	.387	-.07607	.09825	.00479	-.07673	.09773	-.78514	.00662	-.00316	.01102	-.06171
3.900	2.391	-.03050	.09339	.00393	-.03437	.09203	-.37341	.00682	-.00355	.01010	-.05884
3.900	4.392	.01557	.08877	.00421	.00872	.08970	.09725	.00707	-.00405	.00931	-.05613
3.900	6.447	.06530	.08520	.00443	.05532	.09199	.60141	.00739	-.00449	.00854	-.05436
3.900	8.457	.11728	.08255	.00443	.10386	.09890	1.05021	.00766	-.00471	.00809	-.05287
3.900	12.501	.22613	.07801	.00419	.20388	.12510	1.62970	.00784	-.00491	.00638	-.04976
3.900	16.543	.35598	.07313	.00249	.32042	.17146	1.86880	.00811	-.00424	.00315	-.04389
3.900	20.609	.49548	.06808	-.00163	.43981	.23812	1.84700	.00833	-.00266	-.00117	-.03789
3.900	24.691	.64893	.06472	-.00332	.56256	.32988	1.70536	.00638	-.00156	-.00346	-.03341
3.900	28.718	.81288	.06243	-.00680	.68290	.44533	1.53348	.00838	-.00082	-.00477	-.03107
3.900	32.792	.98701	.05929	-.01146	.79761	.58440	1.36484	.00828	-.00207	-.00308	-.03494

RUN NO. 53/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.268	-.14048	.10563	-.00312	-.13423	.11347	-1.18295	.00529	-.00184	.01209	-.06516
4.600	-1.423	-.10365	.10113	-.00026	-.10111	.10367	-.97528	.00494	-.00228	.01128	-.06204
4.600	.764	-.05610	.09538	.00011	-.05736	.09462	-.60622	.00497	-.00288	.01009	-.05794
4.600	2.762	-.01357	.08962	-.00040	-.01787	.08887	-.20112	.00510	-.00346	.00917	-.05601
4.600	4.771	.03034	.08519	.00002	.02315	.08742	.26484	.00526	-.00399	.00844	-.05369
4.600	6.795	.07760	.08144	.00116	.06742	.09005	.74870	.00561	-.00450	.00781	-.05183
4.600	10.189	.16148	.07623	.00303	.14545	.10359	1.40407	.00593	-.00491	.00683	-.04895
4.600	12.878	.23510	.07308	.00299	.21289	.12364	1.72196	.00600	-.00470	.00515	-.04557
4.600	16.885	.35684	.06961	.00238	.32124	.17025	1.88683	.00619	-.00419	.00189	-.04011
4.600	20.948	.49877	.06685	.00040	.44190	.24076	1.82547	.00629	-.00294	-.00096	-.03490
4.600	25.028	.64956	.06513	-.00136	.56101	.33381	1.68061	.00629	-.00235	-.00234	-.03177
4.600	29.014	.80678	.06336	-.00418	.67480	.44672	1.51056	.00635	-.00161	-.00373	-.02990
4.600	33.116	.97819	.06163	-.00734	.78563	.58605	1.34056	.00629	-.00248	-.00291	-.03124

## LA75 TABULATED SAOUCE DATA

PAGE 58

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH036)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 198/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.352	-.17173	.11795	.01171	-.16228	.13064	-1.24223	.01251	-.00826	.01449	-.02827
2.860	-2.288	-.11522	.11517	.01060	-.11053	.11967	-.92363	.01272	-.00774	.01364	-.02681
2.860	-.265	-.05917	.11164	.00885	-.05865	.11191	-.52410	.01264	-.00730	.01274	-.02611
2.860	1.715	-.00413	.10885	.00794	-.00738	.10868	-.06794	.01264	-.00693	.01231	-.02478
2.860	3.770	.05216	.10540	.00714	.04512	.10860	.41549	.01289	-.00685	.01188	-.02405
2.860	5.808	.11350	.10118	.00501	.10267	.11214	.91556	.01311	-.00665	.01164	-.02387
2.860	7.827	.17805	.09742	.00300	.16312	.12076	1.35074	.01339	-.00633	.01124	-.02254
2.860	11.979	.32073	.09215	-.00365	.29462	.15671	1.87997	.01386	-.00577	.01046	-.02131
2.860	16.024	.46662	.08440	-.01354	.42519	.20992	2.02547	.01422	-.00516	.00901	-.01929
2.860	20.055	.62101	.07676	-.02613	.55704	.28506	1.95410	.01437	-.00451	.00721	-.01647
2.860	24.170	.78612	.07033	-.03737	.68840	.38604	1.78322	.01424	-.00338	.00563	-.01407
2.860	28.218	.95683	.06430	-.04942	.81272	.50907	1.59647	.01425	-.00234	.00390	-.01043
2.860	32.285	1.13979	.05646	-.06311	.93342	.65652	1.42177	.01429	-.00174	.00270	-.00763

RUN NO. 202/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.680	-.14855	.10456	-.00331	-.14154	.11388	-1.24289	.00801	-.00693	.01251	-.02370
3.900	-1.646	-.10813	.09964	-.00145	-.10523	.10270	-1.02456	.00813	-.00636	.01147	-.02216
3.900	.371	-.06512	.09415	-.00074	-.06573	.09372	-.70135	.00818	-.00573	.01058	-.01973
3.900	2.376	-.02294	.09051	-.00035	-.02667	.08948	-.29809	.00811	-.00528	.01004	-.01872
3.900	4.402	.02290	.08788	.00118	.01609	.08938	.18000	.00813	-.00526	.01001	-.01866
3.900	6.424	.07220	.08402	.00092	.06234	.09157	.68081	.00818	-.00514	.00977	-.01826
3.900	8.456	.12430	.08276	.00128	.11078	.10014	1.10632	.00823	-.00509	.00976	-.01790
3.900	12.509	.23675	.07829	-.00194	.21417	.12771	1.67697	.00836	-.00453	.00863	-.01584
3.900	16.553	.36933	.07338	-.00766	.33312	.17556	1.89741	.00845	-.00330	.00629	-.01174
3.900	20.634	.51100	.06897	-.01361	.45391	.24462	1.85559	.00853	-.00228	.00445	-.00932
3.900	24.753	.67154	.06547	-.02027	.58242	.34063	1.70984	.00848	-.00133	.00302	-.00620
3.900	28.745	.83785	.06282	-.02933	.70440	.45201	1.53796	.00850	-.00052	.00188	-.00454
3.900	32.823	1.02178	.06023	-.04050	.82600	.60447	1.36648	.00850	-.00046	.00198	-.00444

## LA75 TABULATED SAOUCE DATA

PAGE 59

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH036)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 206/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.278	-.14365	.10422	-.00535	-.13745	.11227	-1.22434	.00635	-.00640	.01266	-.02617
4.600	-1.245	-.10299	.09750	-.00418	-.10085	.09971	-1.01139	.00635	-.00582	.01140	-.02425
4.600	.764	-.06015	.09132	-.00392	-.06136	.09051	-.67801	.00635	-.00534	.01024	-.02180
4.600	2.759	-.01883	.08718	-.00276	-.02300	.08617	-.26695	.00639	-.00497	.00991	-.02091
4.600	4.761	.02367	.08350	-.00115	.01666	.08518	.19554	.00639	-.00474	.00947	-.02006
4.600	6.861	.07300	.07968	.00002	.06296	.08783	.71677	.00639	-.00473	.00943	-.02005
4.600	8.911	.12420	.07746	.00095	.11070	.09576	1.15594	.00639	-.00460	.00881	-.01895
4.600	12.881	.23381	.07211	-.00298	.21185	.12242	1.73053	.00651	-.00363	.00664	-.01495
4.600	16.905	.36180	.06857	-.00794	.32622	.17081	1.90979	.00661	-.00275	.00461	-.01187
4.600	20.941	.50525	.06633	-.01178	.44817	.24253	1.84794	.00664	-.00180	.00293	-.00914
4.600	25.054	.66384	.06298	-.01836	.57471	.33817	1.69948	.00664	-.00078	.00150	-.00628
4.600	29.065	.82842	.06223	-.02513	.69386	.45685	1.51882	.00567	-.00071	.00136	-.00598
4.600	33.106	1.00315	.06122	-.03408	.80687	.59918	1.34662	.00667	-.00071	.00126	-.00613



## LA75 TABULATED SAOUCE DATA

PAGE 60

LARC UPWT 1173(LA75)B26C9E43F6M16N28R5V8W

(RJH037)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 199/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.346	-.19494	.12131	.02857	-.18519	.13573	-1.36436	.01225	-.00832	.01456	-.02751
2.860	-2.303	-.13786	.11779	.02587	-.13301	.12323	-1.07937	.01240	-.00785	.01386	-.02670
2.860	-.289	-.08111	.11374	.02321	-.08054	.11414	-.70560	.01245	-.00736	.01297	-.02561
2.860	1.677	-.02601	.11011	.02160	-.02922	.10930	-.26735	.01249	-.00696	.01243	-.02470
2.860	3.765	.03213	.10604	.02088	.02510	.10792	.23256	.01280	-.00690	.01199	-.02368
2.860	5.835	.09448	.10092	.01857	.08373	.11001	.76111	.01306	-.00673	.01175	-.02294
2.860	7.875	.15805	.09686	.01767	.14329	.11760	1.21846	.01319	-.00631	.01129	-.02201
2.860	11.939	.29685	.09103	.01341	.27160	.15047	1.80496	.01379	-.00586	.01059	-.02091
2.860	15.988	.44066	.08242	.00564	.40091	.20061	1.99845	.01462	-.00532	.00916	-.01840
2.860	20.139	.59379	.07388	-.00333	.53204	.27381	1.94311	.01475	-.00453	.00735	-.01602
2.860	24.160	.74956	.06599	-.01042	.65689	.36699	1.78996	.01454	-.00356	.00577	-.01381
2.860	28.284	.91991	.05899	-.01865	.78213	.48784	1.60326	.01403	-.00261	.00399	-.01012
2.860	32.315	1.09403	.05000	-.02825	.89786	.62710	1.43176	.01402	-.00202	.00275	-.00800

RUN NO. 203/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.661	-.15990	.10591	.00568	-.15281	.11590	-1.31848	.00804	-.00689	.01265	-.02394
3.900	-1.634	-.11886	.10082	.00695	-.11594	.10416	-1.11301	.00806	-.00627	.01160	-.02193
3.900	.434	-.07433	.09485	.00749	-.07505	.09429	-.79598	.00811	-.00565	.01063	-.01980
3.900	2.375	-.03186	.09110	.00738	-.03561	.08970	-.39695	.00811	-.00526	.01024	-.01841
3.900	4.404	.01340	.08813	.00854	.00659	.08890	.07413	.00811	-.00524	.01007	-.01830
3.900	6.402	.06326	.08384	.00855	.05352	.09037	.59222	.00821	-.00508	.00991	-.01759
3.900	8.358	.11157	.08259	.01024	.09838	.09793	1.00463	.00828	-.00516	.00981	-.01786
3.900	12.526	.22310	.07776	.00922	.20093	.12430	1.61650	.00838	-.00453	.00873	-.01536
3.900	16.527	.35082	.07206	.00654	.31582	.16888	1.87014	.00860	-.00335	.00634	-.01135
3.900	20.642	.49077	.06716	.00423	.43559	.23586	1.84677	.00860	-.00230	.00462	-.00872
3.900	24.652	.64053	.06299	.00169	.55588	.32442	1.71347	.00860	-.00140	.00306	-.00594
3.900	28.731	.80465	.05893	-.00279	.67726	.43848	1.54456	.00860	-.00068	.00218	-.00389
3.900	32.803	.98110	.05519	-.00942	.79475	.57791	1.37521	.00855	-.00066	.00214	-.00412

LA75 TABULATED SAUCE DATA

PAGE 61

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH037)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 207/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.276	-.15419	.10553	.00206	-.14790	.11417	-1.29546	.00645	-.00656	.01269	-.02638
4.600	-1.251	-.11213	.09831	.00314	-.10996	.10074	-1.09157	.00645	-.00580	.01163	-.02444
4.600	.797	-.06783	.09197	.00236	-.06910	.09102	-.75918	.00645	-.00519	.01029	-.02222
4.600	2.752	-.02786	.08782	.00290	-.03205	.08638	-.37100	.00639	-.00487	.00996	-.02172
4.600	4.834	.01771	.08358	.00460	.01061	.08477	.12515	.00642	-.00480	.00942	-.02088
4.600	6.837	.06451	.07962	.00665	.05457	.08673	.62922	.00645	-.00482	.00955	-.02061
4.600	8.837	.11275	.07736	.00867	.09952	.09376	1.06149	.00648	-.00470	.00892	-.01971
4.600	12.939	.22310	.07150	.00676	.20143	.11963	1.68371	.00658	-.00369	.00664	-.01546
4.600	16.965	.34704	.06767	.00477	.31219	.16598	1.88083	.00658	-.00275	.00447	-.01234
4.600	20.944	.48279	.06497	.00474	.42767	.23325	1.83353	.00667	-.00185	.00304	-.00980
4.600	24.978	.63340	.06066	.00222	.54854	.32245	1.70115	.00667	-.00090	.00146	-.00715
4.600	29.042	.79535	.05895	-.00006	.66674	.43764	1.52348	.00667	-.00085	.00147	-.00702
4.600	33.129	.96582	.05686	-.00377	.77774	.57547	1.35150	.00667	-.00093	.00130	-.00702

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH038)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 200/ 0		RN/L = .00													
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
2.860	-4.323	-.19609	.12229	.02867	-.18632	.13672	-1.36275	.01220	-.00484	.01591	-.02836				
2.860	-2.310	-.13913	.11870	.02603	-.13423	.12421	-1.08067	.01233	-.00470	.01495	-.02736				
2.860	-.269	-.08056	.11443	.02367	-.08002	.11481	-.69699	.01261	-.00434	.01386	-.02599				
2.860	1.739	-.02591	.11057	.02174	-.02926	.10973	-.26663	.01297	-.00424	.01314	-.02538				
2.860	3.779	.03205	.10651	.02073	.02496	.10839	.23026	.01303	-.00421	.01258	-.02380				
2.860	5.803	.09312	.10144	.01825	.08239	.11034	.74669	.01329	-.00409	.01211	-.02280				
2.860	7.868	.15834	.09732	.01740	.14353	.11808	1.21551	.01346	-.00382	.01159	-.02213				
2.860	11.958	.29723	.09142	.01275	.27183	.15102	1.80002	.01358	-.00310	.01055	-.02035				
2.860	16.022	.44199	.08287	.00499	.40195	.20164	1.99338	.01456	-.00237	.00898	-.01857				
2.860	20.068	.59198	.07476	-.00445	.53039	.27335	1.94033	.01460	-.00109	.00702	-.01552				
2.860	24.176	.75249	.06700	-.01205	.65905	.36929	1.78462	.01441	.00050	.00530	-.01275				
2.860	28.244	.91850	.05998	-.02027	.78076	.48750	1.60157	.01418	.00204	.00322	-.00959				
2.860	32.344	1.09737	.05093	-.03024	.89988	.63012	1.42811	.01409	.00322	.00189	-.00639				

RUN NO. 204/ 0		RN/L = .00													
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
3.900	-3.674	-.16109	.10662	.00633	-.15392	.11673	-1.31866	.00808	-.00463	.01346	-.02392				
3.900	-1.660	-.12091	.10137	.00738	-.11792	.10483	-1.12479	.00814	-.00425	.01237	-.02226				
3.900	.351	-.07656	.09557	.00791	-.07714	.09510	-.81122	.00816	-.00372	.01132	-.02014				
3.900	2.399	-.03274	.09157	.00778	-.03654	.09011	-.40548	.00816	-.00347	.01071	-.01908				
3.900	4.428	.01377	.08847	.00878	.00690	.08927	.07724	.00819	-.00357	.01045	-.01825				
3.900	6.464	.06338	.08424	.00880	.05350	.09084	.58894	.00824	-.00358	.01013	-.01792				
3.900	8.451	.11415	.08292	.00996	.10072	.09880	1.01946	.00828	-.00352	.01004	-.01770				
3.900	12.540	.22489	.07815	.00873	.20255	.12512	1.61892	.00843	-.00263	.00868	-.01509				
3.900	16.540	.35182	.07274	.00575	.31655	.16989	1.86325	.00853	-.00118	.00631	-.01135				
3.900	20.643	.49299	.06773	.00320	.43746	.23717	1.84445	.00863	.00033	.00454	-.00820				
3.900	24.752	.64648	.06361	.00035	.56045	.32844	1.70640	.00863	.00177	.00294	-.00484				
3.900	28.760	.80887	.05975	-.00449	.68034	.44157	1.54073	.00859	.00308	.00171	-.00330				
3.900	32.807	.98448	.05613	-.01116	.79704	.58059	1.37282	.00860	.00370	.00148	-.00304				

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAUCE DATA

PAGE 63

LARC UPWT 1173(LA75)B26C9E43F6M16N26R5V8W

(RJH038)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 ATLON = 5.000 SPOBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 208/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.272	-.15446	.10615	.00250	-.14815	.11479	-1.29057	.00645	-.00460	.01338	-.02736
4.600	-1.235	-.11258	.09894	.00359	-.11042	.10135	-1.08953	.00645	-.00405	.01211	-.02544
4.600	.777	-.06934	.09262	.00251	-.07059	.09167	-.77008	.00642	-.00374	.01076	-.02329
4.600	2.763	-.02754	.08816	.00332	-.03176	.08673	-.36618	.00639	-.00353	.01023	-.02237
4.600	4.801	.01666	.08396	.00471	.00957	.08506	.11252	.00645	-.00355	.00969	-.02197
4.600	6.856	.06462	.07982	.00658	.05463	.08697	.62814	.00645	-.00367	.00963	-.02165
4.600	8.909	.11418	.07745	.00843	.10081	.09420	1.07021	.00651	-.00339	.00900	-.02021
4.600	12.919	.22224	.07182	.00629	.20056	.11969	1.67563	.00658	-.00221	.00663	-.01593
4.600	16.850	.34395	.06788	.00407	.30951	.16467	1.87959	.00667	-.00105	.00457	-.01233
4.600	20.994	.48648	.06516	.00390	.43084	.23513	1.83233	.00673	.00047	.00279	-.00945
4.600	24.985	.63598	.06106	.00116	.55068	.32397	1.69979	.00676	.00200	.00134	-.00668
4.600	29.082	.79783	.05955	-.00165	.66830	.43983	1.51946	.00673	.00263	.00109	-.00631
4.600	33.097	.96604	.05759	-.00568	.77784	.57576	1.35098	.00673	.00331	.00085	-.00568

## LA75 TABULATED SAUCE DATA

PAGE 64

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH039)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -16.900 BOFLAP = .000

RUN NO. 201/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.336	-.20034	.12542	.03222	-.19029	.14021	-1.35714	.01238	-.00731	.02136	-.09224
2.860	-2.333	-.14246	.12185	.02889	-.13738	.12755	-1.07706	.01272	-.00722	.01995	-.08732
2.860	-.261	-.08414	.11814	.02631	-.08360	.11852	-.70539	.01289	-.00727	.01852	-.08299
2.860	1.738	-.02755	.11392	.02393	-.03099	.11303	-.27416	.01300	-.00726	.01704	-.07906
2.860	3.793	.03064	.10971	.02265	.02332	.11149	.20914	.01313	-.00730	.01548	-.07467
2.860	5.837	.09092	.10520	.02128	.07975	.11390	.70011	.01338	-.00725	.01416	-.07204
2.860	7.835	.15551	.10122	.01992	.14026	.12147	1.15469	.01349	-.00718	.01286	-.06942
2.860	11.939	.29480	.09392	.01507	.26899	.15288	1.75951	.01394	-.00696	.00938	-.06177
2.860	16.089	.44324	.08331	.00468	.40279	.20288	1.98533	.01426	-.00646	.00524	-.05479
2.860	20.092	.59374	.07202	-.00829	.53286	.27161	1.96190	.01473	-.00458	.00019	-.04722
2.860	24.141	.75078	.06360	-.01625	.65910	.36510	1.80528	.01447	-.00276	-.00402	-.04087
2.860	28.234	.91964	.05735	-.02342	.78310	.48558	1.61270	.01443	-.00174	-.00632	-.03752
2.860	32.341	1.09554	.05205	-.02838	.89775	.63005	1.42491	.01430	-.00241	-.00533	-.03998

RUN NO. 205/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.679	-.16591	.11034	.01099	-.15849	.12076	-1.31243	.00816	-.00478	.01659	-.07520
3.900	-1.627	-.12304	.10547	.01221	-.11999	.10892	-1.10163	.00816	-.00501	.01532	-.07055
3.900	.423	-.07924	.10103	.01332	-.07998	.10045	-.79629	.00823	-.00541	.01420	-.06732
3.900	2.270	-.03706	.09659	.01240	-.04086	.09505	-.42984	.00821	-.00560	.01309	-.06450
3.900	4.420	.01199	.09192	.01300	.00487	.09257	.05258	.00823	-.00598	.01204	-.06108
3.900	6.445	.06014	.08904	.01351	.04976	.09523	.52257	.00828	-.00636	.01130	-.05910
3.900	8.529	.11464	.08639	.01356	.10056	.10244	.98167	.00833	-.00640	.01060	-.05722
3.900	12.472	.22270	.08066	.01157	.20002	.12685	1.57684	.00851	-.00608	.00836	-.05249
3.900	16.570	.35289	.07405	.00771	.31712	.17161	1.84791	.00863	-.00510	.00458	-.04569
3.900	20.630	.49461	.06666	.00007	.43941	.23665	1.85675	.00868	-.00278	-.00071	-.03700
3.900	24.604	.64348	.06318	-.00236	.55875	.32535	1.71735	.00873	-.00170	-.00318	-.03337
3.900	28.744	.80957	.06027	-.00596	.68083	.44217	1.53974	.00873	-.00090	-.00468	-.03021
3.900	32.798	.98342	.05756	-.00999	.79547	.58108	1.36895	.00865	-.00214	-.00304	-.03346

LA75 TABULATED SAOUCE DATA

PAGE 65

LARC UPWT 1173(LA75)B2(C9E43F8M16N28R5V8W

(RJM039)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -16.900 BOFLAP = .000

RUN NO. 209/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.262	-.15693	.10877	.00628	-.15048	.11753	-1.28042	.00645	-.00445	.01574	-.07575
4.600	-1.236	-.11564	.10355	.00859	-.11438	.10604	-1.07864	.00645	-.00466	.01411	-.07235
4.600	.764	-.07156	.09719	.00845	-.07285	.09622	-.75705	.00642	-.00490	.01280	-.06774
4.600	2.760	-.03012	.09222	.00775	-.03453	.09066	-.38082	.00642	-.00541	.01184	-.06585
4.600	4.808	.01378	.08792	.00866	.00636	.08877	.07167	.00645	-.00608	.01096	-.06374
4.600	6.789	.06073	.08505	.01079	.05025	.09164	.54836	.00645	-.00639	.01058	-.06121
4.600	8.868	.11131	.08164	.01191	.09739	.09782	.99562	.00651	-.00686	.01001	-.05945
4.600	12.852	.21862	.07498	.01024	.19646	.12173	1.61393	.00654	-.00630	.00661	-.05345
4.600	16.926	.34509	.06881	.00642	.31011	.16630	1.86483	.00664	-.00490	.00211	-.04467
4.600	20.947	.48558	.06475	.00252	.43034	.23406	1.83858	.00676	-.00354	-.00093	-.03901
4.600	24.993	.63501	.06283	.00113	.54900	.32525	1.68793	.00676	-.00291	-.00254	-.03611
4.600	29.022	.79426	.06084	-.00222	.66501	.43854	1.51643	.00673	-.00191	-.00414	-.03360
4.600	33.112	.96293	.05889	-.00491	.77439	.57535	1.34593	.00670	-.00299	-.00329	-.03548

## LA75 TABULATED SAUCE DATA

PAGE 66

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJMD40)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 210/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.358	-.17256	.12034	.01470	-.16292	.13310	-1.22405	.01249	-.00901	.01576	-.03059
2.860	-2.310	-.11503	.11735	.01344	-.11020	.12189	-.90411	.01264	-.00859	.01490	-.02912
2.860	-.261	-.05971	.11375	.01172	-.05919	.11402	-.51911	.01262	-.00803	.01390	-.02787
2.860	1.734	-.00539	.11098	.01101	-.00874	.11077	-.07893	.01263	-.00766	.01336	-.02683
2.860	3.805	.05225	.10750	.01043	.04500	.11074	.40635	.01277	-.00740	.01293	-.02578
2.860	5.830	.11322	.10314	.00830	.10216	.11411	.89526	.01307	-.00719	.01246	-.02505
2.860	7.812	.17629	.09955	.00617	.16112	.12258	1.31440	.01329	-.00675	.01194	-.02368
2.860	11.953	.32015	.09400	-.00185	.29373	.15827	1.85590	.01382	-.00639	.01128	-.02260
2.860	15.977	.46616	.08593	-.01255	.42450	.21091	2.01266	.01417	-.00572	.00961	-.02070
2.860	20.075	.62072	.07755	-.02538	.55639	.28591	1.94605	.01428	-.00478	.00772	-.01698
2.860	24.176	.78399	.07108	-.03570	.68611	.38593	1.77784	.01417	-.00350	.00601	-.01440
2.860	28.239	.95678	.06459	-.04872	.81234	.50961	1.59403	.01421	-.00255	.00423	-.01088
2.860	32.322	1.13982	.05687	-.06234	.93281	.65750	1.41872	.01425	-.00200	.00298	-.00837

RUN NO. 214/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.679	-.15002	.10628	-.00066	-.14289	.11569	-1.23509	.00781	-.00739	.01331	-.02429
3.900	-1.644	-.11055	.10146	.00081	-.10759	.10459	-1.02872	.00793	-.00687	.01232	-.02236
3.900	.387	-.06688	.09574	.00148	-.06753	.09528	-.70871	.00793	-.00614	.01122	-.02056
3.900	2.408	-.02420	.09212	.00188	-.02804	.09103	-.30809	.00791	-.00564	.01060	-.01916
3.900	4.721	.02155	.08954	.00340	.01458	.09094	.16037	.00793	-.00566	.01057	-.01876
3.900	6.390	.07045	.08591	.00325	.06045	.09322	.64851	.00796	-.00549	.01034	-.01839
3.900	8.475	.12425	.08468	.00370	.11041	.10207	1.08180	.00803	-.00545	.01034	-.01804
3.900	12.507	.23669	.08013	-.00009	.21372	.12949	1.2949	.00815	-.00485	.00899	-.01585
3.900	16.546	.36946	.07446	-.00645	.33296	.17660	1.65053	.00825	-.00350	.00657	-.01161
3.900	20.600	.51156	.06992	-.01254	.45425	.24544	1.86543	.00830	-.00227	.00459	-.00909
3.900	24.642	.66852	.06609	-.01946	.58008	.33881	1.85079	.00830	-.00138	.00308	-.00602
3.900	28.755	.83982	.06315	-.02847	.70587	.45937	1.71212	.00829	-.00050	.00203	-.00427
3.900	32.840	1.02432	.06036	-.03989	.82789	.60620	1.36570	.00833	-.00050	.00197	-.00411

## LA75 TABULATED SAUCE DATA

PAGE 67

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH040)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 218/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.268	-.14544	.10486	-.00312	-.13922	.11298	-1.23226	.00600	-.00696	.01289	-.02484
4.600	-1.249	-.10471	.09779	-.00228	-.10255	.10005	-1.02502	.00600	-.00620	.01145	-.02283
4.600	.760	-.06246	.09180	-.00226	-.06368	.09097	-.70001	.00603	-.00562	.01038	-.01989
4.600	2.750	-.02165	.08789	-.00106	-.02584	.08675	-.29789	.00610	-.00518	.01006	-.01945
4.600	4.803	.02145	.08437	.00101	.01431	.08587	.16664	.00607	-.00501	.00962	-.01865
4.600	6.822	.06940	.08064	.00247	.05933	.08831	.67178	.00610	-.00511	.00966	-.01874
4.600	8.840	.11963	.07842	.00372	.10616	.09587	1.10735	.00613	-.00485	.00905	-.01768
4.600	12.883	.23032	.07204	-.00132	.20846	.12158	1.71461	.00625	-.00384	.00650	-.01345
4.600	16.933	.35975	.06833	-.00692	.32425	.17015	1.90567	.00632	-.00273	.00438	-.00930
4.600	20.940	.50229	.06607	-.01103	.44551	.24122	1.84691	.00632	-.00169	.00271	-.00698
4.600	24.992	.65880	.06234	-.01787	.57078	.33485	1.70460	.00638	-.00069	.00118	-.00368
4.600	29.034	.82590	.06157	-.02471	.69223	.45467	1.52250	.00644	-.00062	.00124	-.00335
4.600	33.137	1.00312	.06043	-.03331	.80694	.59994	1.34728	.00648	-.00046	.00104	-.00302



LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8N

(RJH041)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AIRLON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BOFLAP = .000

RUN NO. 211/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.361	-.19598	.12368	.03121	-.18601	.13823	-1.34564	.01220	-.00915	.01593	-.03093
2.860	-2.319	-.13900	.11999	.02842	-.13403	.12551	-1.06784	.01233	-.00864	.01504	-.02901
2.860	-.259	-.08073	.11572	.02622	-.08020	.11608	-.69091	.01237	-.00799	.01408	-.02761
2.860	1.756	-.02415	.11212	.02512	-.02758	.11133	-.24772	.01241	-.00762	.01361	-.02623
2.860	3.770	.03181	.10806	.02409	.02464	.10992	.22413	.01269	-.00753	.01312	-.02575
2.860	5.808	.09330	.10329	.02182	.08237	.11220	.73413	.01286	-.00721	.01260	-.02469
2.860	7.860	.15828	.09885	.02060	.14328	.11956	1.19837	.01308	-.00694	.01201	-.02370
2.860	11.916	.29596	.09309	.01523	.27037	.15219	1.77652	.01361	-.00645	.01131	-.02247
2.860	16.003	.44133	.08391	.00677	.40110	.20232	1.98245	.01443	-.00583	.00979	-.01984
2.860	20.053	.58942	.07498	-.00236	.52798	.27254	1.93726	.01470	-.00491	.00768	-.01716
2.860	24.160	.74868	.06694	-.00886	.65570	.36750	1.78422	.01436	-.00371	.00615	-.01385
2.860	28.227	.91600	.05935	-.01729	.77900	.48752	1.60446	.01415	-.00282	.00426	-.01102
2.860	32.322	1.09393	.05018	-.02728	.89760	.62730	1.43090	.01406	-.00215	.00320	-.00799

RUN NO. 215/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.659	-.16301	.10769	.00851	-.15581	.11787	-1.32186	.00786	-.00737	.01330	-.02422
3.900	-1.617	-.12198	.10243	.00954	-.11904	.10583	-1.12481	.00788	-.00684	.01224	-.02256
3.900	.385	-.07778	.09670	.00985	-.07843	.09618	-.81546	.00786	-.00609	.01121	-.02035
3.900	2.381	-.03467	.09274	.00962	-.03849	.09122	-.42197	.00788	-.00566	.01068	-.01925
3.900	4.393	.01064	.08994	.01091	.00372	.09049	.04107	.00788	-.00566	.01050	-.01916
3.900	6.494	.06307	.08573	.01101	.05297	.09231	.57388	.00791	-.00544	.01041	-.01839
3.900	8.498	.11287	.08445	.01266	.09915	.10021	.98947	.00803	-.00539	.01031	-.01789
3.900	12.492	.22197	.07951	.01131	.19952	.12564	1.58803	.00816	-.00480	.00901	-.01608
3.900	16.597	.35172	.07332	.00773	.31612	.17073	1.85162	.00828	-.00344	.00648	-.01151
3.900	20.596	.48926	.06817	.00524	.43401	.23592	1.83962	.00835	-.00237	.00469	-.00888
3.900	24.670	.64042	.06362	.00240	.55541	.32511	1.70835	.00838	-.00141	.00313	-.00568
3.900	28.801	.80887	.05933	-.00245	.68023	.44169	1.54006	.00835	-.00074	.00210	-.00421
3.900	32.842	.98384	.05544	-.00881	.79652	.58014	1.37299	.00833	-.00051	.00200	-.00374

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 69

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH041)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 219/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.264	-.15584	.10579	.00442	-.14956	.11449	-1.30631	.00616	-.00688	.01302	-.02459
4.600	-1.245	-.11439	.09873	.00481	-.11221	.10119	-1.10896	.00616	-.00613	.01157	-.02296
4.600	.767	-.07084	.09245	.00402	-.07207	.09149	-.78770	.00613	-.00550	.01043	-.02034
4.600	2.777	-.02885	.08834	.00503	-.03310	.08684	-.38112	.00610	-.00512	.01000	-.01985
4.600	4.799	.01421	.08447	.00690	.00709	.08536	.08309	.00613	-.00505	.00955	-.01907
4.600	6.839	.06103	.08048	.00897	.05102	.08717	.58524	.00616	-.00506	.00959	-.01921
4.600	8.825	.11004	.07804	.01140	.09676	.09400	1.02937	.00629	-.00484	.00926	-.01747
4.600	12.884	.21962	.07160	.00842	.19813	.11877	1.66815	.00635	-.00385	.00668	-.01308
4.600	16.914	.34296	.06730	.00613	.30854	.16416	1.87946	.00641	-.00282	.00452	-.00946
4.600	20.980	.48337	.06443	.00582	.42826	.23322	1.83626	.00644	-.00177	.00281	-.00673
4.600	25.027	.63325	.06001	.00301	.54841	.32226	1.70175	.00648	-.00082	.00133	-.00408
4.600	29.023	.79193	.05826	.00053	.66421	.43516	1.52638	.00644	-.00074	.00134	-.00397
4.600	33.110	.96247	.05618	-.00317	.77550	.57280	1.35387	.00648	-.00067	.00097	-.00300

## LA75 TABULATED SAOUCE DATA

PAGE 70

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH042)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 212/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.353	-.19772	.12460	.03125	-.18769	.13925	-1.34790	.01216	-.00554	.01717	-.03150
2.860	-2.298	-.13925	.12063	.02853	-.13431	.12611	-1.06497	.01230	-.00537	.01606	-.02959
2.860	-.279	-.08160	.11642	.02612	-.08103	.11682	-.69369	.01260	-.00505	.01506	-.02856
2.860	1.723	-.02549	.11253	.02492	-.02886	.11172	-.25835	.01284	-.00478	.01433	-.02689
2.860	3.786	.03243	.10850	.02382	.02520	.11040	.22825	.01292	-.00491	.01365	-.02612
2.860	5.825	.04383	.10365	.02146	.08283	.11263	.73541	.01310	-.00463	.01302	-.02480
2.860	7.859	.15799	.09923	.02001	.14294	.11990	1.19215	.01343	-.00418	.01243	-.02321
2.860	11.926	.29605	.09329	.01441	.27038	.15246	1.77348	.01367	-.00365	.01134	-.02217
2.860	15.996	.44037	.08496	.00594	.39990	.20302	1.96975	.01412	-.00269	.00966	-.01971
2.860	20.097	.59124	.07576	-.00384	.52921	.27430	1.92929	.01446	-.00116	.00737	-.01651
2.860	24.178	.74975	.06785	-.01088	.65619	.36897	1.77845	.01431	.00030	.00569	-.01387
2.860	28.204	.91567	.06053	-.01947	.77834	.48610	1.60121	.01414	.00177	.00360	-.01036
2.860	32.363	1.09745	.05139	-.02961	.89949	.63085	1.42594	.01406	.00299	.00228	-.00738
RUN NO. 216/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.665	-.16379	.10828	.00881	-.15653	.11853	-1.32063	.00786	-.00516	.01408	-.02446
3.900	-1.660	-.12351	.10320	.00973	-.12047	.10673	-1.12875	.00786	-.00476	.01294	-.02282
3.900	.383	-.07846	.09716	.01011	-.07911	.09663	-.81865	.00786	-.00416	.01176	-.02099
3.900	2.395	-.03465	.09316	.00986	-.03851	.09164	-.42024	.00791	-.00392	.01114	-.01957
3.900	4.414	.01105	.09026	.01102	.00407	.09084	.04483	.00793	-.00393	.01095	-.01910
3.900	6.445	.06175	.08599	.01112	.05171	.09238	.55978	.00796	-.00393	.01056	-.01839
3.900	8.472	.11263	.08454	.01241	.09895	.10021	.98738	.00811	-.00380	.01055	-.01783
3.900	12.503	.22290	.07975	.01082	.20035	.12611	1.58867	.00818	-.00300	.00911	-.01554
3.900	16.578	.35261	.07359	.00716	.31696	.17113	1.85213	.00835	-.00129	.00645	-.01087
3.900	20.637	.49139	.06852	.00421	.43571	.2375	1.63608	.00843	.00023	.00460	-.00804
3.900	24.661	.64356	.06411	.00092	.55811	.32679	1.70784	.00840	.00183	.00286	-.00461
3.900	28.751	.80831	.05998	-.00389	.67981	.44138	1.54020	.00839	.00312	.00163	-.00303
3.900	32.839	.98571	.05627	-.01086	.79768	.58180	1.37105	.00835	.00380	.00141	-.00268

## LA75 TABULATED SAOUCE DATA

PAGE 71

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH042)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 220/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.247	-.15533	.10640	.00472	-.14906	.11502	-1.29590	.00622	-.00482	.01353	-.02548
4.600	-1.246	-.11358	.09907	.00548	-.11140	.10152	-1.09736	.00619	-.00427	.01226	-.02309
4.600	.763	-.07028	.09263	.00468	-.07151	.09169	-.77994	.00616	-.00397	.01090	-.02096
4.600	2.749	-.02915	.08855	.00541	-.03336	.08705	-.38321	.00622	-.00376	.01047	-.02005
4.600	4.841	.01500	.08452	.00727	.00781	.08548	.09142	.00622	-.00377	.01011	-.01883
4.600	6.796	.06181	.08058	.00930	.05184	.08733	.59357	.00629	-.00388	.01005	-.01902
4.600	8.813	.11088	.07803	.01130	.09762	.09410	1.03740	.00635	-.00358	.00943	-.01759
4.600	12.819	.21901	.07179	.00807	.19762	.11859	1.66647	.00638	-.00230	.00677	-.01267
4.600	16.889	.34443	.06749	.00532	.30997	.16464	1.88269	.00648	-.00104	.00453	-.00933
4.600	20.944	.48413	.06480	.00493	.42898	.23358	1.83655	.00654	.00050	.00275	-.00602
4.600	25.015	.63645	.06033	.00165	.55124	.32380	1.70243	.00657	.00207	.00111	-.00309
4.600	29.017	.79469	.05881	-.00093	.66641	.43691	1.52529	.00654	.00270	.00095	-.00327
4.600	33.161	.96821	.05677	-.00512	.77948	.57713	1.35062	.00651	.00359	.00045	-.00197

## LA75 TABULATED SAOUCE DATA

PAGE 72

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH043)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILERON = 5.000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 213/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.330	-.20182	.12834	.03536	-.19155	.14321	-1.33759	.01224	-.00794	.02247	-.09481
2.860	-2.299	-.14304	.12464	.03216	-.13793	.13028	-1.05872	.01254	-.00779	.02099	-.08957
2.860	-.255	-.08486	.12072	.02941	-.08432	.12109	-.69633	.01281	-.00783	.01946	-.08501
2.860	1.735	-.02894	.11641	.02719	-.03245	.11549	-.28100	.01292	-.00780	.01796	-.08103
2.860	3.809	.02924	.11194	.02607	.02174	.11364	.19128	.01317	-.00781	.01633	-.07623
2.860	5.812	.08933	.10754	.02457	.07798	.11603	.67208	.01343	-.00767	.01499	-.07405
2.860	7.913	.15593	.10337	.02296	.14021	.12386	1.13205	.01350	-.00764	.01368	-.07076
2.860	11.910	.29268	.09592	.01737	.26659	.15426	1.72814	.01397	-.00750	.01022	-.06369
2.860	15.985	.43957	.08452	.00599	.39930	.20230	1.97377	.01433	-.00688	.00585	-.05647
2.860	20.190	.59670	.07239	-.00826	.53505	.27388	1.95359	.01459	-.00481	.00042	-.04808
2.860	24.145	.75013	.06384	-.01563	.65839	.36509	1.80336	.01439	-.00304	-.00363	-.04182
2.860	28.322	.92169	.05750	-.02305	.78408	.48788	1.60710	.01437	-.00192	-.00609	-.03809
2.860	32.337	1.09469	.05223	-.02766	.89699	.62368	1.42452	.01434	-.00258	-.00518	-.03996

RUN NO. 217/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.662	-.16869	.11269	.01467	-.16115	.12324	-1.30766	.00793	-.00532	.01730	-.07700
3.900	-1.645	-.12683	.10794	.01557	-.12368	.11153	-1.10888	.00796	-.00554	.01588	-.07265
3.900	.400	-.08139	.10314	.01672	-.08210	.10257	-.80049	.00803	-.00578	.01477	-.06830
3.900	2.366	-.03786	.09868	.01558	-.04190	.09704	-.43182	.00796	-.00610	.01358	-.06544
3.900	4.423	.00922	.09445	.01622	.00191	.09488	.02009	.00796	-.00654	.01268	-.06317
3.900	6.417	.05749	.09158	.01685	.04689	.09743	.48127	.00801	-.00681	.01187	-.06046
3.900	8.466	.10989	.08894	.01718	.09560	.10415	.91796	.00813	-.00698	.01131	-.05871
3.900	12.493	.22104	.08231	.01414	.19800	.12817	1.54478	.00833	-.00654	.00862	-.05370
3.900	16.613	.35342	.07492	.00912	.31725	.17283	1.83559	.00840	-.00527	.00426	-.04586
3.900	20.589	.49367	.06674	.00052	.43867	.23608	1.85813	.00845	-.00286	-.00118	-.03703
3.900	24.685	.64691	.06324	-.00214	.56139	.32763	1.71348	.00850	-.00185	-.00357	-.03333
3.900	28.720	.80961	.06024	-.00588	.68107	.44187	1.54133	.00853	-.00104	-.00515	-.02985
3.900	32.821	.98606	.05757	-.00963	.79745	.58284	1.36822	.00848	-.00226	-.00350	-.03343

## LA75 TABULATED SAOUCE DATA

PAGE 73

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH043)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 221/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.292	-.15852	.11017	.01036	-.15193	.11910	-1.27573	.00635	-.00483	.01643	-.07376
4.600	-1.296	-.11954	.10492	.01210	-.11714	.10760	-1.08863	.00632	-.00504	.01480	-.07028
4.600	.742	-.07380	.09831	.01180	-.07507	.09734	-.77117	.00635	-.00522	.01329	-.06514
4.600	2.754	-.03175	.09316	.01121	-.03619	.09153	-.39539	.00629	-.00576	.01224	-.06326
4.600	4.745	.01103	.08932	.01216	.00360	.08993	.04007	.00622	-.00626	.01137	-.06111
4.600	6.795	.05835	.08642	.01459	.04771	.09272	.51457	.00629	-.00683	.01097	-.05914
4.600	8.828	.10852	.08298	.01513	.09450	.09865	.95788	.00629	-.00702	.01023	-.05720
4.600	12.843	.21627	.07548	.01280	.19408	.12166	1.59527	.00635	-.00635	.00674	-.05017
4.600	16.940	.34356	.06797	.00694	.30885	.16513	1.87036	.00638	-.00465	.00131	-.04139
4.600	21.005	.48565	.06401	.00302	.43043	.23385	1.84067	.00651	-.00335	-.00144	-.03576
4.600	24.976	.63421	.06220	.00179	.54864	.32417	1.69246	.00657	-.00276	-.00285	-.03293
4.600	29.044	.79476	.06013	-.00160	.66563	.43841	1.51828	.00654	-.00184	-.00446	-.02998
4.600	33.053	.96101	.05809	-.00405	.77381	.57284	1.35082	.00657	-.00273	-.00371	-.03146

## LA75 TABULATED SAOUCE DATA

PAGE 74

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH044)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 22.500

RUN NO. 244/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.336	-.13689	.11551	-.02694	-.12776	.12553	-1.01779	.01318	.00011	-.00025	-.00172
2.860	-2.300	-.07915	.11360	-.02892	-.07452	.11668	-.63869	.01325	.00011	-.00037	-.00118
2.860	-.301	-.02222	.11118	-.03201	-.02164	.11129	-.19441	.01321	.00011	-.00052	-.00133
2.860	1.781	.03814	.10927	-.03463	.03472	.11040	.31450	.01312	.00016	-.00058	-.00144
2.860	3.799	.09655	.10751	-.03847	.08921	.11367	.78484	.01318	.00002	-.00065	-.00148
2.860	5.809	.16045	.10478	-.04372	.14903	.12048	1.23693	.01337	.00015	-.00068	-.00092
2.860	7.881	.23108	.10298	-.04961	.21477	.13369	1.60650	.01348	.00017	-.00076	-.00071
2.860	11.940	.37960	.10173	-.06411	.35034	.17807	1.96747	.01376	.00028	-.00072	-.00105
2.860	15.973	.53581	.09980	-.08372	.48766	.24339	2.00362	.01374	.00025	-.00098	-.00088
2.860	20.077	.70207	.09940	-.10676	.62528	.33436	1.87007	.01412	.00032	-.00127	-.00113
2.860	24.092	.87417	.09915	-.12743	.75755	.44735	1.69343	.01445	.00035	-.00123	-.00164
2.860	28.201	1.05907	.09921	-.14843	.88647	.58792	1.50781	.01447	.00038	-.00138	-.00136
2.860	32.346	1.25511	.09739	-.17122	1.00824	.75381	1.33752	.01445	.00032	-.00127	-.00094

RUN NO. 245/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.300	-.12598	.09942	-.02721	-.12004	.10651	-1.12709	.00638	.00035	.00025	-.00118
4.600	-1.243	-.08389	.09313	-.02569	-.08185	.09493	-.86221	.00637	.00016	.00032	-.00150
4.600	.780	-.03915	.08808	-.02660	-.04035	.08754	-.46090	.00637	.00019	.00022	-.00093
4.600	2.740	.00396	.08513	-.02829	-.00011	.08523	-.00133	.00641	.00013	.00029	-.00072
4.600	4.791	.05158	.08199	-.03054	.04455	.08601	.51802	.00637	.00016	-.00001	-.00027
4.600	6.762	.10238	.07884	-.03356	.09239	.09034	1.02262	.00644	.00005	.00008	-.00024
4.600	8.801	.15695	.07780	-.03591	.14320	.10089	1.41931	.00641	.00004	-.00011	-.00011
4.600	12.877	.28091	.07889	-.05044	.25627	.13951	1.83689	.00647	.00027	-.00052	.00101
4.600	16.878	.42125	.08212	-.06556	.37926	.20089	1.88792	.00650	.00008	-.00062	.00058
4.600	20.972	.57876	.08588	-.08231	.50932	.28828	1.76678	.00644	.00035	-.00071	.00076
4.600	24.979	.74816	.09109	-.10212	.63972	.39851	1.60526	.00644	.00059	-.00104	.00111
4.600	29.012	.92919	.09651	-.12358	.76578	.53506	1.43121	.00647	.00051	-.00083	.00080
4.600	33.126	1.12128	.10161	-.14425	.88350	.69786	1.26602	.00653	.00060	-.00079	.00109

LA75 TABULATED SAUCE DATA

PAGE 75

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH045)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 22.500

RUN NO. 242/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.332	-.15406	.11383	-.01173	-.14503	.12514	-1.15888	.01289	.00016	-.00042	-.00173
2.860	-2.268	-.09598	.11125	-.01349	-.09250	.11500	-.80432	.01306	.00015	-.00047	-.00179
2.860	-.265	-.04037	.10798	-.01603	-.03987	.10817	-.36863	.01308	.00004	-.00053	-.00206
2.860	1.723	.01441	.10541	-.01780	.01123	.10579	.10617	.01289	.00015	-.00060	-.00210
2.860	3.747	.07193	.10307	-.02004	.06504	.10755	.60473	.01289	.00009	-.00080	-.00151
2.860	5.775	.13480	.10003	-.02374	.12406	.11308	1.09703	.01314	.00010	-.00079	-.00174
2.860	7.852	.20196	.09731	-.02773	.18677	.12399	1.50634	.01366	.00027	-.00088	-.00152
2.860	11.942	.34730	.09381	-.03940	.32037	.16364	1.95774	.01423	.00033	-.00077	-.00149
2.860	16.005	.50122	.08973	-.05417	.45705	.22445	2.03631	.01434	.00024	-.00091	-.00149
2.860	20.063	.65830	.08625	-.07133	.58876	.30685	1.91872	.01470	.00022	-.00116	-.00189
2.860	24.111	.82467	.08305	-.08700	.71880	.41269	1.74174	.01464	.00036	-.00111	-.00205
2.860	28.232	1.00404	.08063	-.10306	.84645	.54599	1.55030	.01449	.00042	-.00115	-.00141
2.860	32.336	1.19255	.07647	-.12147	.96671	.70249	1.37613	.01430	.00034	-.00109	-.00147

RUN NO. 247/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.270	-.13348	.09814	-.02096	-.12766	.10559	-1.20900	.00644	.00038	.00017	-.00073
4.600	-1.251	-.09298	.09173	-.01880	-.09096	.09373	-.97037	.00644	.00029	.00034	-.00114
4.600	.794	-.05008	.08617	-.01834	-.05127	.08547	-.59980	.00644	.00017	.00022	-.00082
4.600	2.751	-.00866	.08260	-.01877	-.01261	.08209	-.15362	.00641	.00020	.00038	-.00079
4.600	4.799	.03658	.07882	-.01897	.02986	.08160	.36595	.00644	.00019	.00005	-.00020
4.600	6.840	.08809	.07505	-.02038	.07852	.08501	.92368	.00647	.00009	.00013	.00011
4.600	8.822	.13794	.07335	-.02041	.12506	.09364	1.33550	.00644	.00017	.00000	.00031
4.600	12.830	.25293	.07287	-.03002	.23044	.12721	1.81145	.00644	.00023	-.00057	.00110
4.600	16.910	.38839	.07413	-.04045	.35004	.18389	1.90347	.00650	.00014	-.00053	.00087
4.600	20.945	.53710	.07630	-.05060	.47433	.26325	1.80181	.00650	.00028	-.00060	.00094
4.600	25.003	.70133	.07768	-.06363	.60278	.36683	1.64320	.00650	.00059	-.00100	.00124
4.600	29.099	.87731	.08016	-.07910	.72760	.49670	1.46486	.00653	.00051	-.00075	.00054
4.600	33.136	1.05800	.08221	-.09416	.84101	.64717	1.29951	.00653	.00037	-.00060	.00075



LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6H

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJH046)

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = 22.500

RUN NO. 243/ 0		RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
2.860	-4.356	-.17873	.11700	.00457	-.16932	.13024	-1.30014	.01272	.00010	-.00032	-.00175		
2.860	-2.287	-.12011	.11374	.00158	-.11548	.11844	-.97499	.01280	.00012	-.00036	-.00163		
2.860	-.278	-.06119	.10998	-.00141	-.06066	.11027	-.55007	.01284	.00016	-.00046	-.00176		
2.860	1.712	-.00487	.10682	-.00408	-.00806	.10663	-.07556	.01267	.00009	-.00054	-.00145		
2.860	3.787	.05459	.10343	-.00644	.04764	.10681	.44607	.01286	.00003	-.00072	-.00136		
2.860	5.845	.11758	.09946	-.01034	.10684	.10681	.44607	.01286	.00003	-.00072	-.00136		
2.860	7.831	.18124	.09632	-.01339	.16642	.11092	.96322	.01300	.00010	-.00071	-.00156		
2.860	11.918	.32464	.09248	-.02282	.29854	.12012	1.38546	.01329	.00016	-.00071	-.00104		
2.860	15.944	.47255	.08811	-.03463	.43017	.15753	1.89518	.01438	.00022	-.00068	-.00131		
2.860	20.068	.62864	.08371	-.04849	.56175	.21453	2.00512	.01458	.00022	-.00085	-.00094		
2.860	24.155	.79090	.07915	-.06023	.68926	.29433	1.90856	.01490	.00031	-.00114	-.00152		
2.860	28.172	.96164	.07577	-.07247	.81194	.39586	1.74118	.01475	.00031	-.00108	-.00172		
2.860	32.331	1.14532	.07021	-.08647	.93021	.52081	1.55899	.01456	.00025	-.00122	-.00146		
						.67186	1.38453	.01426	.00019	-.00115	-.00161		
RUN NO. 246/ 0		RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
4.600	-3.292	-.14393	.09956	-.01358	-.13798	.10766	-1.28159	.00641	.00031	.00019	-.00092		
4.600	-1.264	-.10210	.09295	-.01173	-.10003	.09518	-1.05093	.00644	.00025	.00025	-.00081		
4.600	.759	-.05921	.08725	-.01217	-.06036	.08646	-.69814	.00637	.00020	.00015	-.00035		
4.600	2.778	-.01588	.08322	-.01298	-.01990	.08235	-.24160	.00637	.00021	.00022	-.00069		
4.600	4.753	.02743	.07928	-.01347	.02077	.08128	.25551	.00641	.00019	-.00001	-.00057		
4.600	6.810	.07768	.07531	-.01413	.06820	.08399	.81199	.00641	.00009	.00005	.00007		
4.600	8.871	.12883	.07319	-.01274	.11600	.09218	1.25838	.00641	.00009	.00005	.00007		
4.600	12.828	.24013	.07243	-.02040	.21805	.12394	1.75935	.00641	.00009	-.00009	.00056		
4.600	16.882	.37060	.07308	-.02754	.33340	.17756	1.87772	.00647	.00013	-.00059	.00101		
4.600	20.951	.51502	.07486	-.03397	.45420	.25406	1.78776	.00653	-.00002	-.00049	.00073		
4.600	25.039	.67423	.07520	-.04332	.57903	.35349	1.63805	.00653	.00011	-.00060	.00171		
4.600	29.069	.84162	.07653	-.05374	.69843	.47580	1.46791	.00650	.00039	-.00095	.00135		
4.600	33.105	1.01628	.07757	-.06369	.80894	.62005	1.30464	.00647	.00019	-.00067	.00072		
								.00653	.00012	-.00068	.00065		

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH047)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 224/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.340	-.14480	.11389	-.02166	-.13577	.12452	-1.09033	.01273	.00011	.00021	-.00260
2.860	-2.331	-.08995	.11200	-.02339	-.08432	.11553	-.72985	.01294	.00007	-.00002	-.00238
2.860	-.302	-.03206	.10964	-.02620	-.03148	.10981	-.28673	.01290	.00002	-.00013	-.00285
2.860	1.729	.02590	.10776	-.02849	.02264	.10849	.20867	.01290	.00004	-.00002	-.00253
2.860	3.773	.08493	.10533	-.03119	.07782	.11069	.70305	.01310	.00003	-.00027	-.00185
2.860	5.794	.14979	.10243	-.03620	.13869	.11703	1.18511	.01326	.00001	-.00031	-.00187
2.860	7.822	.21621	.10022	-.04088	.20056	.12871	1.55825	.01342	.00004	-.00028	-.00192
2.860	11.913	.36377	.09750	-.05354	.33581	.17050	1.96960	.01393	.00023	-.00037	-.00245
2.860	15.969	.51852	.09455	-.07033	.47250	.23356	2.02304	.01369	.00022	-.00055	-.00188
2.860	20.064	.68177	.09246	-.09073	.60868	.32075	1.89768	.01399	.00028	-.00082	-.00200
2.860	24.130	.85470	.09128	-.10998	.74270	.43271	1.71638	.01414	.00034	-.00073	-.00268
2.860	28.186	1.03562	.09028	-.13002	.87018	.56872	1.53005	.01408	.00044	-.00078	-.00207
2.860	32.301	1.22965	.08768	-.15171	.99251	.73119	1.35738	.01402	.00028	-.00068	-.00241

RUN NO. 229/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.289	-.13335	.09917	-.02489	-.12744	.10666	-1.19482	.00606	.00001	.00130	-.00589
4.600	-1.252	-.09118	.09305	-.02347	-.08912	.09502	-.93793	.00606	-.00021	.00146	-.00532
4.600	.749	-.04807	.08803	-.02398	-.04921	.08739	-.56314	.00609	-.00010	.00118	-.00523
4.600	2.760	-.00485	.08469	-.02513	-.00892	.08436	-.10580	.00606	-.00016	.00115	-.00506
4.600	4.785	.04102	.08124	-.02651	.03410	.08438	.40411	.00609	-.00011	.00093	-.00477
4.600	6.811	.09368	.07777	-.02864	.08379	.08834	.94856	.00609	-.00024	.00101	-.00436
4.600	8.805	.14659	.07674	-.03073	.13311	.09828	1.35449	.00612	-.00022	.00081	-.00430
4.600	12.816	.26363	.07611	-.04055	.24018	.13270	1.81002	.00618	-.00006	.00044	-.00346
4.600	16.843	.40216	.07792	-.05262	.36233	.19110	1.89602	.00615	-.00022	.00031	-.00386
4.600	20.944	.55763	.08070	-.06565	.49194	.27470	1.79086	.00615	-.00001	.00028	-.00331
4.600	24.984	.72408	.08300	-.08154	.62127	.38106	1.63036	.00612	.00032	-.00009	-.00349
4.600	29.052	.90418	.08713	-.10005	.74811	.51524	1.45195	.00615	.00028	-.00010	-.00371
4.600	33.066	1.08922	.09085	-.11827	.86324	.67042	1.28761	.00618	.00044	.00001	-.00384

LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F6M16N28R5V8H

(RJH048)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = 10.000  
 AILRON = 5.000 SPD8RK = 52.700  
 RUDDER = .000 BOFLAP = 16.300

RUN NO. 225/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.343	-.14472	.11457	-.02237	-.13563	.12520	-1.08334	.01299	.00280	-.00068	-.00189
2.860	-2.310	-.08788	.11282	-.02436	-.08326	.11627	-.71610	.01324	.00301	-.00095	-.00183
2.860	-.268	-.03047	.11032	-.02685	-.02995	.11046	-.27115	.01320	.00338	-.00138	-.00217
2.860	1.726	.02586	.10870	-.02968	.02257	.10943	.20629	.01303	.00364	-.00160	-.00225
2.860	3.790	.08566	.10655	-.03268	.07843	.11198	.70035	.01331	.00399	-.00200	-.00166
2.860	5.817	.14886	.10381	-.03734	.13758	.11836	1.16230	.01331	.00438	-.00225	-.00137
2.860	7.818	.21624	.10182	-.04212	.20038	.13029	1.53796	.01346	.00476	-.00255	-.00097
2.860	11.910	.36467	.09953	-.05533	.33628	.17264	1.94786	.01416	.00565	-.00306	-.00120
2.860	15.974	.52048	.09681	-.07236	.47374	.23631	2.00477	.01406	.00670	-.00410	-.00100
2.860	20.046	.68402	.09519	-.09308	.60995	.32388	1.88325	.01419	.00770	-.00501	-.00079
2.860	24.129	.85586	.09407	-.11196	.74262	.43573	1.70433	.01419	.00872	-.00573	-.00147
2.860	28.232	1.03992	.09364	-.13268	.87192	.57442	1.51793	.01415	.00980	-.00647	-.00094
2.860	32.329	1.23302	.09142	-.15435	.99300	.73664	1.34801	.01417	.01040	-.00686	-.00059

RUN NO. 230/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.291	-.13294	.09970	-.02549	-.12700	.10717	-1.18507	.00612	.00150	.00090	-.00534
4.600	-1.280	-.09095	.09363	-.02435	-.08884	.09564	-.92888	.00612	.00165	.00080	-.00550
4.600	.763	-.04703	.08889	-.02529	-.04821	.08825	-.54631	.00606	.00199	.00043	-.00482
4.600	2.738	-.00456	.08575	-.02640	-.00865	.08543	-.10120	.00609	.00240	.00033	-.00454
4.600	4.767	.04294	.08246	-.02791	.03594	.08574	.41912	.00612	.00271	-.00016	-.00454
4.600	6.777	.09433	.07922	-.03057	.08432	.08980	.93900	.00615	.00315	-.00043	-.00389
4.600	8.838	.14981	.07852	-.03292	.13596	.10061	1.35142	.00618	.00376	-.00089	-.00355
4.600	12.805	.26694	.07839	-.04338	.24292	.13560	1.79142	.00628	.00508	-.00187	-.00224
4.600	16.889	.40736	.08062	-.05596	.36637	.19549	1.87406	.00622	.00613	-.00270	-.00259
4.600	17.152	.41532	.08077	-.05656	.37303	.19966	1.86830	.00622	.00616	-.00278	-.00279
4.600	20.926	.56083	.08404	-.06899	.49383	.27891	1.77120	.00622	.00769	-.00355	-.00162
4.600	24.978	.72915	.08675	-.08539	.62432	.38653	1.61521	.00619	.00919	-.00471	-.00176
4.600	29.029	.90679	.09084	-.10349	.74879	.51946	1.44147	.00622	.01023	-.00534	-.00218
4.600	33.091	1.09488	.09523	-.12243	.86531	.67755	1.27711	.00622	.01091	-.00588	-.00198

LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH049)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. X0  
 LREF = 474.8000 INCHES YMRP = .0000 IN. Y0  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0  
 SCALE = .0150

BETA = 3.000 ELEVON = 10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 226/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.372	-.14539	.11465	-.02373	-.13623	.12540	-1.08633	.01299	-.00049	.00492	-.06664
2.860	-2.309	-.08708	.11334	-.02617	-.08245	.11676	-.70613	.01310	-.00040	.00410	-.06300
2.860	-.301	-.03088	.11191	-.02859	-.03029	.11207	-.27031	.01312	-.00019	.00328	-.05961
2.860	1.727	.02669	.10953	-.03181	.02337	.11028	.21193	.01314	.00003	.00205	-.05623
2.860	3.775	.08579	.10724	-.03459	.07854	.11266	.69716	.01327	.00019	.00082	-.05324
2.860	5.807	.14988	.10466	-.03903	.13852	.11929	1.16128	.01348	.00052	-.00027	-.05069
2.860	7.827	.21732	.10235	-.04368	.20136	.13099	1.53713	.01361	.00067	-.00123	-.04895
2.860	11.898	.36477	.10018	-.05597	.33627	.17323	1.94117	.01403	.00057	-.00363	-.04446
2.860	15.959	.51987	.09681	-.07359	.47322	.23601	2.00506	.01432	.00082	-.00653	-.04070
2.860	20.062	.68362	.09426	-.09448	.60980	.32305	1.88764	.01446	.00219	-.00998	-.03649
2.860	24.150	.85575	.09308	-.11300	.74278	.43504	1.70736	.01425	.00406	-.01364	-.03229
2.860	28.206	1.03828	.09293	-.13248	.87106	.57264	1.52114	.01436	.00492	-.01540	-.02968
2.860	32.310	1.22957	.09253	-.15174	.98973	.73541	1.34582	.01444	.00374	-.01403	-.03403

RUN NO. 231/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.275	-.13214	.09898	-.02556	-.12627	.10637	-1.18709	.00612	.00035	.00352	-.05404
4.600	-1.274	-.09231	.09449	-.02393	-.09018	.09652	-.93438	.00609	-.00017	.00326	-.05218
4.600	.759	-.04776	.08988	-.02417	-.04894	.08924	-.54846	.00609	-.00030	.00264	-.04944
4.600	2.713	-.00344	.08572	-.02647	-.00749	.08546	-.08766	.00612	-.00044	.00193	-.04815
4.600	4.792	.04398	.08248	-.02871	.03693	.08586	.43013	.00612	-.00050	.00121	-.04542
4.600	6.810	.09477	.08030	-.03082	.08458	.09097	.92980	.00612	-.00052	.00051	-.04355
4.600	8.807	.14941	.07873	-.03401	.13559	.10067	1.34685	.00618	-.00054	.00032	-.04289
4.600	12.839	.26697	.07813	-.04306	.24294	.13550	1.79288	.00625	.00013	-.00151	-.03998
4.600	16.884	.40719	.08055	-.05489	.36624	.19534	1.87491	.00628	.00105	-.00404	-.03616
4.600	20.906	.56053	.08384	-.06936	.49371	.27834	1.77376	.00631	.00268	-.00673	-.03249
4.600	24.977	.72878	.08732	-.08571	.62375	.38689	1.61220	.00634	.00359	-.00853	-.03043
4.600	29.002	.90549	.09179	-.10372	.74744	.51929	1.43934	.00631	.00464	-.01015	-.02845
4.600	33.103	1.09281	.09523	-.12182	.86343	.67660	1.27613	.00631	.00380	-.00960	-.03071

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8H

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJM050)

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 222/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.351	-.16251	.11171	-.00664	-.15357	.12371	-1.24130	.01266	.00016	-.00019	-.00176
2.860	-2.329	-.10729	.10927	-.00841	-.10276	.11354	-.90507	.01289	.00015	-.00019	-.00212
2.860	-.293	-.05083	.10595	-.01008	-.05029	.10621	-.47347	.01292	.00021	-.00036	-.00218
2.860	1.742	.00506	.10312	-.01175	.00192	.10323	.01861	.01272	.00021	-.00038	-.00225
2.860	3.781	.06271	.10017	-.01328	.05597	.10408	.53775	.01275	.00007	-.00053	-.00205
2.860	5.758	.12239	.09656	-.01608	.11209	.10835	1.03447	.01313	.00010	-.00053	-.00218
2.860	7.837	.19050	.09347	-.01946	.17598	.11857	1.48417	.01342	.00013	-.00052	-.00181
2.860	11.876	.33207	.08936	-.02905	.30657	.15579	1.96781	.01419	.00028	-.00054	-.00205
2.860	15.998	.48342	.08399	-.04099	.44155	.21397	2.06358	.01430	.00020	-.00071	-.00218
2.860	20.065	.63878	.07910	-.05581	.57287	.29345	1.95217	.01449	.00033	-.00088	-.00184
2.860	24.138	.80446	.07507	-.06953	.70342	.39748	1.76973	.01441	.00051	-.00085	-.00225
2.860	28.232	.98119	.07145	-.08424	.83067	.52710	1.57593	.01421	.00059	-.00101	-.00180
2.860	32.323	1.16715	.06626	-.10119	.95086	.68006	1.39821	.01406	.00042	-.00086	-.00159
RUN NO. 227/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.290	-.14006	.09787	-.01889	-.13421	.10574	-1.26920	.00606	-.00002	.00133	-.00543
4.600	-1.274	-.09951	.09176	-.01712	-.09744	.09394	-1.03725	.00606	-.00006	.00140	-.00531
4.600	.765	-.05637	.08614	-.01637	-.05751	.08538	-.67357	.00606	-.00005	.00109	-.00495
4.600	2.735	-.01632	.08228	-.01621	-.02023	.08141	-.24846	.00603	-.00022	.00114	-.00551
4.600	4.805	.02911	.07814	-.01557	.02246	.08030	.27973	.00606	-.00010	.00100	-.00457
4.600	6.795	.07749	.07422	-.01620	.06817	.08287	.82259	.00609	-.00022	.00097	-.00440
4.600	8.791	.12807	.07235	-.01609	.11550	.09107	1.26832	.00612	-.00014	.00075	-.00419
4.600	12.807	.23964	.06995	-.02113	.21817	.12133	1.79821	.00622	-.00008	.00041	-.00318
4.600	16.855	.37020	.06942	-.02752	.33417	.17378	1.92294	.00622	-.00023	.00041	-.00356
4.600	20.920	.51878	.07016	-.03447	.45953	.25077	1.83243	.00615	-.00004	.00021	-.00389
4.600	24.954	.67654	.06959	-.04428	.58403	.34852	1.67577	.00615	.00027	-.00004	-.00322
4.600	29.006	.84819	.07053	-.05632	.70760	.47297	1.49608	.00619	.00018	.00007	-.00309
4.600	33.135	1.03064	.07139	-.06954	.82402	.62315	1.32235	.00615	.00009	.00021	-.00398

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(RJM051)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 ALLRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 223/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.197	-.23943	.11834	.01233	-.22526	.14349	-1.56985	.01220	.00020	.00014	-.00200
2.860	-2.314	-.12957	.11192	.00680	-.12495	.11706	-1.06736	.01247	.00011	.00004	-.00198
2.860	-.298	-.07171	.10811	.00444	-.07115	.10848	-.65586	.01248	.00021	-.00018	-.00218
2.860	1.738	-.01457	.10459	.00227	-.01774	.10410	-.17340	.01247	.00012	-.00014	-.00220
2.860	3.751	.04261	.10100	.00038	.03591	.10358	.34674	.01271	.00009	-.00045	-.00192
2.860	5.801	.10435	.09651	-.00267	.09406	.10656	.88272	.01286	.00007	-.00034	-.00175
2.860	7.840	.16377	.09288	-.00461	.15551	.11517	1.35027	.01309	.00023	-.00034	-.00185
2.860	11.884	.30782	.08846	-.01207	.28301	.14995	1.88730	.01395	.00028	-.00034	-.00166
2.860	15.987	.45698	.08213	-.02153	.41668	.20482	2.03439	.01462	.00014	-.00060	-.00186
2.860	20.082	.60967	.07638	-.03301	.54638	.28107	1.94393	.01489	.00020	-.00079	-.00198
2.860	24.152	.77059	.07102	-.04256	.67407	.38011	1.77338	.01449	.00034	-.00070	-.00223
2.860	28.209	.93873	.06649	-.05275	.79581	.50232	1.58425	.01423	.00031	-.00086	-.00199
2.860	32.316	1.11883	.05982	-.06481	.91356	.64866	1.40837	.01387	.00030	-.00088	-.00192

RUN NO. 228/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.309	-.15216	.09973	-.01182	-.14615	.10834	-1.34894	.00603	.00017	.00135	-.00553
4.600	-1.258	-.10992	.09293	-.00972	-.10785	.09533	-1.13143	.00603	-.00017	.00141	-.00551
4.600	.773	-.06553	.08692	-.00992	-.06670	.08603	-.77532	.00603	-.00008	.00121	-.00502
4.600	2.779	-.02336	.08271	-.01011	-.02734	.08148	-.33554	.00603	-.00001	.00118	-.00497
4.600	4.768	.01996	.07855	-.00961	.01336	.07994	.16713	.00603	-.00009	.00093	-.00454
4.600	6.774	.06827	.07433	-.00969	.05903	.08187	.72105	.00609	-.00034	.00099	-.00495
4.600	8.811	.11703	.07235	-.00836	.10456	.08943	1.16927	.00612	-.00021	.00085	-.00446
4.600	12.838	.22744	.06951	-.01122	.20631	.11831	1.74377	.00618	-.00015	.00039	-.00328
4.600	16.920	.35509	.06870	-.01479	.31972	.16907	1.89112	.00615	-.00024	.00036	-.00359
4.600	20.955	.49612	.06868	-.01767	.43875	.24157	1.81622	.00625	-.00020	.00030	-.00371
4.600	24.996	.64999	.06707	-.02312	.56077	.33545	1.67172	.00625	.00011	-.00009	-.00364
4.600	29.068	.81576	.06701	-.03073	.68045	.45490	1.49580	.00625	.00000	.00006	-.00372
4.600	33.200	.99225	.06671	-.03882	.79375	.59914	1.32483	.00622	-.00022	.00043	-.00407

## LA75 TABULATED SAOUCE DATA

PAGE 82

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8N

(RJH052)

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

RUN NO. 236/ 0		RN/L = .00									
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.364	-.15084	.11213	-.01230	-.14188	.12328	-1.15085	.01286	.00011	-.00019	-.00088
2.860	-2.321	-.09445	.11009	-.01310	-.08992	.11382	-.78996	.01305	.00013	-.00031	-.00103
2.860	-.290	-.03777	.10752	-.01457	-.03723	.10771	-.34565	.01326	.00018	-.00042	-.00083
2.860	1.731	.01867	.10523	-.01616	.01548	.10574	.14644	.01337	.00017	-.00045	-.00089
2.860	3.781	.07624	.10268	-.01764	.05931	.10749	.64479	.01343	.00012	-.00064	-.00093
2.860	5.842	.15373	.09948	-.02094	.12888	.11318	1.13864	.01354	.00009	-.00064	-.00067
2.860	7.869	.20577	.09682	-.02394	.19057	.12408	1.53586	.01369	.00023	-.00069	-.00035
2.860	11.927	.34973	.09307	-.03313	.32294	.16334	1.97718	.01442	.00037	-.00065	-.00088
2.860	15.965	.49966	.08847	-.04481	.45605	.22249	2.04975	.01444	.00037	-.00089	-.00049
2.860	20.073	.65843	.08416	-.05912	.58955	.30503	1.93274	.01418	.00044	-.00110	-.00067
2.860	24.163	.82657	.08150	-.07177	.72079	.41270	1.74651	.01410	.00042	-.00114	-.00093
2.860	28.290	1.00445	.07844	-.08459	.84730	.54512	1.55433	.01395	.00056	-.00115	-.00071
2.860	32.330	1.18834	.07394	-.09977	.96459	.69799	1.38196	.01397	.00063	-.00123	-.00036

RUN NO. 237/ 0		RN/L = .00									
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.294	-.13247	.09769	-.02042	-.12663	.10514	-1.20441	.00612	.00022	.00036	-.00131
4.600	-1.258	-.09064	.09170	-.01894	-.08861	.09367	-.94595	.00612	.00016	.00053	-.00116
4.600	.747	-.04774	.08640	-.01890	-.04886	.08577	-.56967	.00612	.00006	.00032	-.00031
4.600	2.747	-.00553	.08292	-.01921	-.00950	.08256	-.11505	.00612	.00014	.00039	-.00070
4.600	4.816	.04100	.07905	-.01957	.03422	.08221	.41627	.00618	.00011	.00015	-.00009
4.600	6.783	.08954	.07543	-.02048	.08000	.06548	.93595	.00625	.00007	.00023	-.00033
4.600	8.842	.14385	.07391	-.02069	.13078	.09515	1.37456	.00631	.00015	.00011	.00043
4.600	12.908	.25907	.07245	-.02634	.23634	.12849	1.83931	.00631	.00030	-.00050	.00119
4.600	16.895	.39206	.07317	-.03324	.35387	.18395	1.92370	.00640	.00011	-.00039	.00045
4.600	20.944	.53862	.07402	-.03937	.47657	.26167	1.82130	.00647	.00036	-.00060	.00092
4.600	25.046	.70256	.07457	-.04885	.60492	.36498	1.65742	.00644	.00073	-.00085	.00120
4.600	29.079	.87387	.07647	-.05977	.72655	.49154	1.47811	.00644	.00071	-.00074	.00077
4.600	33.212	1.05786	.07851	-.07140	.84206	.64511	1.30531	.00644	.00076	-.00070	.00069

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR.

## LA75 TABULATED SAOUCE DATA

PAGE 83

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH053)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 232/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.341	-.16779	.11021	.00250	-.15897	.12260	-1.29668	.01247	.00016	-.00040	-.00217
2.860	-2.288	-.11172	.10746	.00201	-.10734	.11183	-.95981	.01266	.00012	-.00047	-.00186
2.860	-.277	-.05662	.10437	.00103	-.05612	.10464	-.53630	.01281	.00029	-.00059	-.00174
2.860	1.717	-.00186	.10153	.00030	-.00490	.10142	-.04829	.01294	.00025	-.00062	-.00167
2.860	3.807	.05603	.09782	.00022	.04942	.10133	.48769	.01309	.00026	-.00084	-.00134
2.860	5.781	.11451	.09391	-.00132	.10447	.10496	.99530	.01328	.00026	-.00074	-.00114
2.860	7.819	.17846	.09014	-.00262	.16453	.11358	1.44863	.01355	.00030	-.00082	-.00110
2.860	11.990	.32136	.08489	-.00852	.29672	.14980	1.98081	.01394	.00033	-.00070	-.00131
2.860	15.988	.46519	.07845	-.01620	.42559	.20354	2.09094	.01424	.00027	-.00093	-.00129
2.860	20.087	.61933	.07164	-.02552	.55705	.27999	1.98956	.01439	.00037	-.00114	-.00140
2.860	24.186	.77959	.06584	-.03279	.68419	.37946	1.80304	.01423	.00056	-.00106	-.00164
2.860	28.261	.94960	.06035	-.04043	.80783	.50278	1.60672	.01413	.00050	-.00114	-.00120
2.860	32.377	1.13119	.05291	-.05108	.92701	.65042	1.42525	.01406	.00021	-.00101	-.00108

RUN NO. 238/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.254	-.14027	.09668	-.01473	-.13455	.10449	-1.28774	.00615	.00027	.00049	-.00126
4.600	-1.215	-.09912	.09023	-.01214	-.09719	.09232	-1.05278	.00612	.00016	.00055	-.00126
4.600	.754	-.05736	.08466	-.01124	-.05847	.08390	-.69689	.00615	.00012	.00043	-.00054
4.600	2.765	-.01703	.08049	-.00992	-.02089	.07957	-.26259	.00615	.00013	.00047	-.00028
4.600	4.773	.02587	.07629	-.00852	.01944	.07818	.24861	.00615	.00014	.00032	-.00004
4.600	6.827	.07446	.07188	-.00770	.06539	.08023	.81506	.00625	.00007	.00027	-.00005
4.600	8.911	.12633	.06970	-.00604	.11401	.08843	1.28928	.00625	.00011	.00013	-.00052
4.600	12.901	.23402	.06616	-.00672	.21335	.11674	1.82753	.00631	.00014	-.00034	-.00138
4.600	16.930	.35896	.06451	-.00798	.32461	.16625	1.95262	.00637	.00005	-.00031	-.00115
4.600	20.906	.49810	.06358	-.00842	.44262	.23713	1.86653	.00640	.00027	-.00048	-.00074
4.600	24.985	.65259	.06123	-.01103	.56566	.33114	1.70824	.00640	.00051	-.00071	-.00087
4.600	29.101	.82078	.06023	-.01617	.68788	.45181	1.52248	.00644	.00054	-.00057	-.00099
4.600	33.129	.99234	.05901	-.02245	.79878	.59175	1.34985	.00647	.00039	-.00042	-.00082



## LA75 TABULATED SAOUCE DATA

PAGE 84

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH054)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 233/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.343	-.19031	.11362	.01905	-.18116	.12770	-1.41860	.01229	.00018	-.00013	-.00110
2.860	-2.290	-.13348	.11013	.01720	-.12898	.11538	-1.11785	.01239	.00018	-.00030	-.00142
2.860	-.294	-.07718	.10619	.01514	-.07664	.10658	-.71905	.01241	.00024	-.00041	-.00117
2.860	1.724	-.02098	.10259	.01413	-.02406	.10192	-.23606	.01250	.00028	-.00049	-.00130
2.860	3.774	.03618	.09851	.01366	.02962	.10068	.29421	.01273	.00012	-.00060	-.00099
2.860	5.789	.09606	.09384	.01186	.08611	.10305	.83559	.01305	.00008	-.00056	-.00127
2.860	7.885	.16123	.08984	.01139	.14738	.11111	1.32637	.01333	.00021	-.00063	-.00102
2.860	11.947	.29756	.08381	.00809	.27376	.14359	1.90658	.01382	.00021	-.00055	-.00114
2.860	16.020	.43964	.07672	.00322	.40140	.19507	2.05767	.01431	.00026	-.00060	-.00066
2.860	20.076	.58694	.06896	-.00250	.52760	.26624	1.98170	.01468	.00019	-.00101	-.00083
2.860	24.154	.74277	.06170	-.00619	.65250	.36023	1.81133	.01445	.00035	-.00103	-.00162
2.860	28.232	.90731	.05528	-.00966	.77322	.47790	1.61795	.01406	.00039	-.00104	-.00096
2.860	32.370	1.08370	.04671	-.01622	.89029	.61964	1.43679	.01393	.00015	-.00094	-.00143

RUN NO. 239/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.277	-.15061	.09790	-.00689	-.14477	.10635	-1.36123	.00622	.00027	.00059	-.00060
4.600	-1.215	-.10864	.09125	-.00489	-.10668	.09353	-1.14057	.00622	.00031	.00066	-.00047
4.600	.752	-.06639	.08527	-.00509	-.06751	.08439	-.79991	.00622	.00024	.00037	-.00050
4.600	2.768	-.02481	.08089	-.00397	-.02869	.07959	-.36040	.00618	.00019	.00051	-.00068
4.600	4.764	.01798	.07644	-.00289	.01157	.07767	.14901	.00622	.00015	.00025	.00013
4.600	6.815	.06536	.07200	-.00118	.05635	.07925	.71104	.00622	.00008	.00030	-.00001
4.600	8.835	.11423	.06950	.00155	.10220	.08622	1.18543	.00637	.00010	.00005	.00028
4.600	12.847	.21927	.06563	.00295	.19919	.11274	1.76683	.00637	.00015	-.00036	.00082
4.600	16.970	.34441	.06360	.00459	.31085	.16135	1.92654	.00637	.00002	-.00035	.00070
4.600	20.956	.47873	.06207	.00800	.42487	.22918	1.85383	.00641	.00011	-.00048	.00060
4.600	25.079	.62946	.05873	.00904	.54523	.32001	1.70380	.00650	.00039	-.00075	.00112
4.600	29.052	.78530	.05677	.00866	.65893	.43097	1.52894	.00647	.00024	-.00049	.00081
4.600	33.115	.95360	.05454	.00731	.76892	.56665	1.35696	.00647	.00017	-.00038	.00045

LA75 TABULATED SAOUCE DATA

PAGE 85

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH055)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = -11.700

RUN NO. 234/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.355	-.19261	.11458	.01934	-.18335	.12887	-1.42273	.01213	.00367	.00121	-.00202
2.860	-2.312	-.13544	.11091	.01730	-.13086	.11629	-1.12531	.01236	.00341	.00086	-.00235
2.860	-.256	-.07643	.10674	.01543	-.07595	.10708	-.70929	.01258	.00317	.00056	-.00187
2.860	1.743	-.02129	.10308	.01418	-.02442	.10239	-.23850	.01281	.00302	.00041	-.00177
2.860	3.785	.03570	.09887	.01326	.02910	.10101	.28805	.01301	.00276	.00002	-.00167
2.860	5.817	.09664	.09420	.01169	.08660	.10351	.83659	.01324	.00274	-.00018	-.00112
2.860	7.761	.15755	.09027	.01137	.14392	.11072	1.29984	.01345	.00283	-.00038	-.00070
2.860	11.949	.29776	.08423	.00746	.27387	.14406	1.90111	.01373	.00308	-.00051	-.00033
2.860	16.020	.44060	.07748	.00242	.40211	.19607	2.05085	.01410	.00332	-.00080	-.00030
2.860	20.108	.58836	.06956	-.00378	.52858	.26760	1.97530	.01467	.00383	-.00138	-.00049
2.860	24.139	.74393	.06251	-.00752	.65332	.36127	1.80838	.01444	.00432	-.00138	-.00095
2.860	28.186	.90714	.05627	-.01166	.77300	.47807	1.61692	.01420	.00500	-.00170	-.00006
2.860	32.382	1.08789	.04765	-.01848	.89320	.62287	1.43400	.01402	.00540	-.00175	.00046

RUN NO. 240/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.280	-.15094	.09826	-.00647	-.14507	.10674	-1.35908	.00625	.00225	.00128	-.00112
4.600	-1.239	-.10926	.09160	-.00435	-.10726	.09394	-1.14172	.00628	.00208	.00125	-.00106
4.600	.780	-.06587	.08561	-.00455	-.06703	.08471	-.79127	.00625	.00180	.00084	-.00065
4.600	2.750	-.02574	.08123	-.00386	-.02961	.07991	-.37058	.00615	.00159	.00088	-.00129
4.600	4.791	.01759	.07666	-.00249	.01112	.07786	.14284	.00618	.00148	.00052	-.00006
4.600	6.856	.06683	.07214	-.00113	.05774	.07960	.72535	.00622	.00134	.00047	-.00013
4.600	8.827	.11371	.06980	.00135	.10165	.08642	1.17617	.00628	.00139	.00022	.00017
4.600	12.885	.22100	.06610	.00244	.20069	.11372	1.76484	.00634	.00170	-.00017	.00130
4.600	16.899	.34313	.06389	.00384	.30974	.16088	1.92528	.00634	.00183	-.00044	.00080
4.600	21.033	.48266	.06242	.00716	.42810	.23149	1.84931	.00647	.00249	-.00063	.00140
4.600	25.019	.62945	.05939	.00793	.54527	.32002	1.70385	.00647	.00334	-.00097	.00203
4.600	29.067	.78885	.05751	.00734	.66156	.43352	1.52602	.00647	.00382	-.00086	.00152
4.600	33.114	.95536	.05537	.00551	.76995	.56830	1.35481	.00647	.00444	-.00092	.00182

## LA75 TABULATED SAOUCE DATA

PAGE 86

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH056)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 235/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.328	-.19352	.11471	.01869	-.18431	.12899	-1.42038	.01241	.00089	.00713	-.06649
2.860	-2.286	-.13504	.11139	.01649	-.13149	.11673	-1.12642	.01250	.00059	.00651	-.06306
2.860	-.274	-.07807	.10788	.01487	-.07756	.10825	-.71643	.01277	.00020	.00553	-.05905
2.860	1.720	-.02323	.10393	.01343	-.02634	.10319	-.25523	.01297	-.00006	.00436	-.05563
2.860	3.796	.03582	.09965	.01228	.02915	.10180	.28632	.01307	-.00039	.00314	-.05242
2.860	5.843	.09609	.09513	.01126	.08591	.10442	.82272	.01325	-.00042	.00223	-.05027
2.860	7.840	.15919	.09124	.01010	.14526	.11210	1.29575	.01340	-.00065	.00132	-.04835
2.860	11.910	.29512	.08513	.00758	.27120	.14420	1.88070	.01393	-.00121	-.00076	-.04332
2.860	16.020	.44110	.07710	.00199	.40269	.19584	2.05623	.01434	-.00153	-.00336	-.03925
2.860	20.072	.58840	.06911	-.00449	.52894	.26685	1.98219	.01462	-.00083	-.00638	-.03529
2.860	24.165	.74342	.06198	-.00754	.65290	.36089	1.80916	.01442	.00031	-.00944	-.03120
2.860	28.240	.90795	.05567	-.01135	.77354	.47865	1.61607	.01438	.00064	-.01059	-.02946
2.860	32.377	1.08489	.04852	-.01577	.89025	.62192	1.43146	.01427	-.00060	-.00869	-.03332

RUN NO. 241/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.280	-.15081	.09798	-.00659	-.14495	.10645	-1.36175	.00618	.00220	.00387	-.05049
4.600	-1.258	-.11121	.09302	-.00368	-.10914	.09544	-1.14355	.00618	.00132	.00357	-.04843
4.600	.793	-.06671	.08720	-.00332	-.06791	.08626	-.78724	.00621	.00049	.00301	-.04552
4.600	2.740	-.02550	.08155	-.00353	-.02937	.08024	-.36605	.00622	-.00024	.00242	-.04336
4.600	4.789	.01960	.07691	-.00297	.01311	.07828	.16747	.00625	-.00099	.00165	-.04168
4.600	6.832	.06694	.07337	-.00178	.05774	.08081	.71450	.00628	-.00152	.00117	-.03957
4.600	8.814	.11553	.07031	-.00032	.10340	.08719	1.18589	.00628	-.00211	.00118	-.03929
4.600	12.853	.22076	.06598	.00220	.20055	.11343	1.76798	.00640	-.00256	-.00015	-.03664
4.600	16.919	.34293	.06384	.00479	.30951	.16087	1.92392	.00647	-.00268	-.00184	-.03262
4.600	20.994	.48265	.06205	.00636	.42838	.23085	1.85565	.00653	-.00195	-.00388	-.02929
4.600	25.088	.63221	.06017	.00713	.54706	.32256	1.69601	.00659	-.00150	-.00503	-.02674
4.600	29.033	.78609	.05854	.00688	.65891	.43268	1.52286	.00655	-.00091	-.00611	-.02540
4.600	33.130	.95434	.05540	.00540	.76892	.56798	1.35379	.00656	-.00205	-.00587	-.02795

## LA75 TABULATED SAUCE DATA

PAGE 87

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH057)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 139/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.348	-.18132	.12961	.02478	-.17097	.14298	-1.19578	.00989	.00026	-.00012	.00121
2.860	-2.305	-.12521	.12601	.02287	-.12004	.13094	-.91677	.01006	.00030	-.00011	.00061
2.860	-.262	-.06832	.12198	.01999	-.06776	.12229	-.55411	.00993	.00026	-.00016	.00038
2.860	1.752	-.01281	.11868	.01859	-.01644	.11824	-.13900	.00997	.00026	-.00030	.00030
2.860	3.810	.04362	.11484	.01766	.03589	.11748	.30550	.01048	.00015	-.00028	.00065
2.860	5.825	.10288	.10960	.01544	.09122	.11947	.76355	.01119	.00021	-.00023	.00043
2.860	7.859	.16819	.10544	.01286	.15220	.12744	1.19424	.01166	.00022	-.00018	.00062
2.860	11.923	.30980	.09903	.00479	.28266	.16090	1.75677	.01291	.00031	-.00009	-.00014
2.860	15.960	.45508	.09071	-.00533	.41259	.21234	1.94307	.01420	.00037	-.00029	-.00031
2.860	20.087	.61325	.08190	-.01948	.54782	.28754	1.90519	.01481	.00045	-.00062	-.00029
2.860	24.202	.77822	.07324	-.03294	.67980	.38583	1.76190	.01465	.00063	-.00055	-.00057
2.860	28.266	.95099	.06538	-.04697	.80664	.50793	1.58809	.01426	.00057	-.00068	-.00010
2.860	32.332	1.13348	.05707	-.06192	.92723	.65443	1.41685	.01416	.00029	-.00021	-.00058

RUN NO. 944/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.701	-.15376	.11087	.00548	-.14628	.12057	-1.21328	.00794	.00040	.00034	-.00068
3.900	-1.644	-.11218	.10508	.00628	-.10912	.10826	-1.00801	.00798	.00035	.00019	-.00068
3.900	.389	-.06802	.09909	.00623	-.06870	.09863	-.69653	.00804	.00047	.00020	-.00017
3.900	2.370	-.02545	.09521	.00610	-.02936	.09408	-.31210	.00804	.00047	.00034	-.00037
3.900	4.403	.01866	.09242	.00719	.01151	.09358	.12295	.00803	.00038	.00031	-.00032
3.900	6.455	.07019	.08824	.00626	.05982	.09558	.62591	.00808	.00032	.00038	.00008
3.900	8.529	.12414	.08659	.00666	.10992	.10405	1.05644	.00823	.00029	.00037	.00042
3.900	12.585	.23636	.08222	.00285	.21277	.13174	1.61504	.00826	.00026	.00037	.00013
3.900	16.627	.36963	.07715	-.00284	.33210	.17969	1.84823	.00836	.00057	-.00018	.00059
3.900	20.604	.50923	.07212	-.00951	.45128	.24670	1.82923	.00863	.00083	-.00052	.00086
3.900	24.654	.66719	.06813	-.01779	.57795	.34024	1.69868	.00850	.00092	-.00052	.00088
3.900	28.768	.83941	.06446	-.02738	.70478	.46048	1.53052	.00850	.00105	-.00036	.00023
3.900	32.837	1.02198	.06106	-.03950	.82558	.60547	1.36353	.00855	.00090	.00011	-.00003

## LA75 TABULATED SAUCE DATA

PAGE 88

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW

(RJH057)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BOFLAP = .000

		RUN NO.	150/ 0	RN/L =	.00										
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
4.600	-3.283	-.15032	.10972	.00118	-.14379	.11815	-1.21702	.00613	.00023	.00163	-.00608				
4.600	-1.278	-.10920	.10235	.00187	-.10590	.10474	-1.01107	.00613	.00017	.00162	-.00582				
4.600	.844	-.06357	.09539	.00073	-.06497	.09444	-.68798	.00617	.00011	.00172	-.00574				
4.600	2.777	-.02349	.09092	.00110	-.02787	.08967	-.31080	.00623	.00010	.00177	-.00584				
4.600	4.814	.01991	.08671	.00220	.01257	.08807	.14268	.00623	.00013	.00142	-.00499				
4.600	6.778	.06636	.08258	.00275	.05615	.08984	.62499	.00632	-.00006	.00157	-.00550				
4.600	8.797	.11635	.08038	.00431	.10269	.09722	1.05624	.00642	.00004	.00134	-.00502				
4.600	12.848	.22743	.07495	-.00012	.20507	.12365	1.65849	.00651	.00021	.00061	-.00360				
4.600	16.947	.35610	.07111	-.00547	.31990	.17182	1.86185	.00657	.00036	.00069	-.00464				
4.600	21.046	.50214	.06883	-.00956	.44392	.24456	1.81520	.00664	.00033	.00046	-.00446				
4.600	24.980	.65439	.06551	-.01631	.56551	.33573	1.68443	.00664	.00060	.00007	-.00385				
4.600	29.095	.82305	.06399	-.02399	.68808	.45614	1.50849	.00673	.00039	.00052	-.00441				
4.600	33.076	.99582	.06271	-.03278	.80022	.59602	1.34262	.00673	.00032	.00050	-.00466				

LA75 TABULATED SAOUCE DATA

PAGE 89

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM058)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 140/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.358	-.20565	.13367	.03868	-.19490	.14891	-1.30882	.00958	.00024	.00018	.00067
2.860	-2.328	-.14943	.12935	.03484	-.14305	.13527	-1.05751	.00984	.00017	.00015	.00030
2.860	-.300	-.08920	.12442	.03122	-.08855	.12489	-.70904	.00982	.00023	.00005	.00077
2.860	1.732	-.03206	.12029	.02900	-.03568	.11927	-.29917	.00983	.00015	.00003	.00050
2.860	3.793	.02340	.11559	.02771	.01570	.11689	.13431	.01052	.00013	-.00017	.00012
2.860	5.832	.08527	.10994	.02510	.07366	.11804	.62402	.01106	.00015	.00000	-.00030
2.860	7.821	.14730	.10536	.02368	.13160	.12442	1.05765	.01153	.00026	-.00001	-.00002
2.860	11.928	.28622	.09833	.01788	.25971	.15537	1.67158	.01276	.00031	-.00002	.00023
2.860	16.009	.43177	.08924	.01022	.39041	.20485	1.90584	.01407	.00029	-.00018	-.00027
2.860	20.084	.58494	.07938	-.00083	.52212	.27542	1.89573	.01500	.00028	-.00027	-.00023
2.860	24.141	.74266	.06970	-.00967	.64920	.36734	1.76728	.01473	.00044	-.00048	-.00063
2.860	28.234	.90863	.06095	-.01916	.77170	.48354	1.59593	.01417	.00045	-.00054	-.00032
2.860	32.361	1.08842	.05087	-.03033	.89216	.62554	1.42622	.01383	.00015	-.00006	-.00079

RUN NO. 145/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.662	-.16509	.11227	.01447	-.15758	.12258	-1.28550	.00786	.00044	.00026	-.00193
3.900	-1.664	-.12444	.10675	.01464	-.12129	.11032	-1.09945	.00796	.00037	.00033	-.00121
3.900	.414	-.07944	.10026	.01405	-.08017	.09969	-.80419	.00789	.00045	.00013	-.00166
3.900	2.346	-.03586	.09600	.01374	-.03977	.09445	-.42100	.00801	.00052	.00033	-.00041
3.900	4.455	.01025	.09293	.01443	.00300	.09345	.03209	.00796	.00040	.00023	-.00098
3.900	6.419	.05932	.08830	.01384	.04908	.09438	.52003	.00808	.00032	.00030	-.00102
3.900	8.521	.11111	.08672	.01510	.09703	.10223	.94913	.00811	.00035	.00021	-.00081
3.900	12.459	.21911	.08209	.01387	.19624	.12743	1.54002	.00821	.00033	.00025	-.00080
3.900	16.537	.34886	.07597	.01120	.31281	.17212	1.81738	.00860	.00060	-.00019	.00060
3.900	20.632	.48834	.07043	.00801	.43220	.23798	1.81610	.00865	.00090	-.00041	.00080
3.900	24.728	.64143	.06543	.00397	.55524	.32774	1.69415	.00863	.00087	-.00031	.00086
3.900	28.698	.80198	.06086	-.00129	.67424	.43849	1.53763	.00860	.00088	-.00015	.00049
3.900	32.854	.98138	.05637	-.00878	.79384	.57975	1.36928	.00855	.00069	.00028	-.00007

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH058)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

		RUN NO.	152/ 0	RN/L =	.00										
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
4.600	-3.268	-.16060	.11037	.00836	-.15405	.11935	-1.29076	.00654	.00005	.00175	-.00720				
4.600	-1.253	-.11920	.10295	.00877	-.11592	.10551	-1.09861	.00645	.00009	.00194	-.00690				
4.600	.793	-.07351	.09594	.00699	-.07483	.09491	-.78840	.00638	.00006	.00185	-.00627				
4.600	2.709	-.03390	.09148	.00708	-.03819	.08978	-.42537	.00632	.00006	.00180	-.00677				
4.600	4.768	.01074	.08677	.00767	.00349	.08737	.03995	.00639	.00005	.00166	-.00633				
4.600	6.802	.05921	.08238	.00920	.04903	.08881	.55210	.00642	-.00010	.00179	-.00602				
4.600	8.812	.10738	.08008	.01167	.09385	.09558	.98184	.00651	-.00002	.00155	-.00568				
4.600	12.886	.21658	.07428	.00915	.19456	.12071	1.61176	.00664	.00005	.00090	-.00502				
4.600	16.908	.34035	.07003	.00693	.30527	.16599	1.83907	.00670	-.00013	.00094	-.00563				
4.600	20.929	.47713	.06742	.00669	.42157	.23340	1.80620	.00673	.00008	.00066	-.00565				
4.600	25.105	.63353	.06294	.00396	.54698	.32579	1.67892	.00680	.00040	.00033	-.00456				
4.600	29.078	.79087	.06090	.00102	.66159	.43758	1.51192	.00676	.00006	.00062	-.00547				
4.600	33.096	.95908	.05836	-.00312	.77160	.57260	1.34755	.00673	-.00009	.00074	-.00552				

LA75 TABULATED SAUCE DATA

PAGE 91

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH059)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 141/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.338	-.20515	.13446	.03822	-.19439	.14959	-1.29949	.00965	.00365	.00160	-.00121
2.860	-2.296	-.14706	.12997	.03495	-.14174	.13576	-1.04407	.00991	.00335	.00126	-.00112
2.860	-.268	-.08881	.12527	.03152	-.08822	.12568	-.70192	.00974	.00315	.00109	-.00156
2.860	1.537	-.03925	.12114	.03039	-.04249	.12005	-.35392	.00986	.00300	.00093	-.00158
2.860	3.787	.02400	.11617	.02898	.01628	.11750	.13852	.01039	.00280	.00056	-.00156
2.860	5.809	.08547	.11047	.02594	.07385	.11855	.62291	.01108	.00252	.00042	-.00118
2.860	7.854	.14883	.10575	.02424	.13298	.12510	1.06302	.01151	.00276	.00042	-.00161
2.860	11.940	.28876	.09832	.01761	.26217	.15594	1.68128	.01287	.00303	.00020	-.00090
2.860	15.980	.43178	.08938	.00978	.39049	.20480	1.90674	.01424	.00332	-.00007	-.00081
2.860	20.066	.58557	.07967	-.00134	.52269	.27574	1.89561	.01511	.00374	-.00048	-.00116
2.860	24.156	.74476	.07022	-.01070	.65081	.36885	1.76443	.01480	.00439	-.00071	-.00136
2.860	28.254	.91373	.06145	-.02021	.77578	.48667	1.59406	.01439	.00505	-.00108	-.00082
2.860	32.329	1.08978	.05184	-.03156	.89313	.62660	1.42537	.01404	.00520	-.00081	-.00123

RUN NO. 146/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.688	-.16659	.11287	.01502	-.15899	.12336	-1.28882	.00803	.00270	.00121	-.00190
3.900	-1.642	-.12453	.10680	.01521	-.12142	.11033	-1.10054	.00801	.00245	.00105	-.00188
3.900	.401	-.08026	.10070	.01456	-.08096	.10014	-.80851	.00808	.00244	.00098	-.00132
3.900	2.410	-.03577	.09648	.01401	-.03979	.09489	-.41935	.00806	.00232	.00089	-.00144
3.900	4.441	.01011	.09300	.01476	.00288	.09351	.03076	.00811	.00204	.00077	-.00101
3.900	6.417	.05955	.08852	.01417	.04928	.09462	.52082	.00816	.00185	.00076	-.00072
3.900	8.194	.10433	.08693	.01516	.09087	.10091	.90051	.00826	.00186	.00073	-.00063
3.900	12.539	.22201	.08202	.01345	.19891	.12827	1.55074	.00836	.00211	.00058	-.00028
3.900	16.539	.34979	.07637	.01064	.31358	.17279	1.81482	.00868	.00273	-.00006	.00051
3.900	20.664	.49033	.07097	.00699	.43375	.23944	1.81152	.00868	.00342	-.00056	.00056
3.900	24.704	.64243	.06585	.00278	.55612	.32831	1.69389	.00873	.00394	-.00059	.00112
3.900	28.692	.80416	.06150	-.00293	.67589	.44002	1.53603	.00865	.00457	-.00054	.00098
3.900	32.914	.98694	.05723	-.01080	.79742	.58433	1.36468	.00860	.00504	-.00037	.00071



LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(RJH059)

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 153/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.270	-.16067	.11119	.00910	-.15407	.12018	-1.28203	-.00639	.00215	.00254	-.00773
4.600	-1.206	-.11568	.10336	.00930	-.11448	.10579	-1.08212	.00635	.00193	.00252	-.00743
4.600	.728	-.07477	.09652	.00754	-.07599	.09557	-.79519	.00632	.00167	.00223	-.00733
4.600	2.772	-.03226	.09174	.00730	-.03666	.09008	-.40696	.00629	.00146	.00218	-.00734
4.600	4.759	.01089	.08717	.00818	.00362	.08777	.04126	.00629	.00121	.00182	-.00700
4.600	6.779	.05806	.08285	.00916	.04788	.08913	.53715	.00632	.00108	.00187	-.00707
4.600	8.888	.10943	.08019	.00916	.09572	.09613	.99575	.00642	.00122	.00163	-.00621
4.600	12.854	.21643	.07466	.00895	.19440	.12094	1.60737	.00651	.00158	.00089	-.00504
4.600	16.883	.34110	.07047	.00644	.30593	.16649	1.83754	.00661	.00167	.00084	-.00508
4.600	20.955	.48029	.06780	.00587	.42427	.23509	1.80474	.00673	.00238	.00050	-.00488
4.600	24.963	.62994	.06352	.00293	.54428	.32344	1.68279	.00673	.00326	.00010	-.00375
4.600	29.044	.79155	.06150	-.00053	.66216	.43805	1.51162	.00676	.00354	.00033	-.00436
4.600	33.024	.95841	.05912	-.00486	.77134	.57190	1.34875	.00673	.00411	.00020	-.00467

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6W

(RJH060)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 142/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.342	-.20822	.13479	.03808	-.19742	.25017	-1.31464	.00933	.00038	.00861	-.06986
2.860	-2.316	-.14950	.13052	.03396	-.14410	.23645	-1.05608	.00981	-.00006	.00801	-.06648
2.860	-.266	-.09089	.12632	.03122	-.09020	.12674	-.71248	.00994	-.00043	.00711	-.06266
2.860	1.746	-.03413	.12181	.02889	-.03783	.12072	-.31336	.01014	-.00071	.00594	-.05880
2.860	3.786	.02342	.11716	.02700	.01564	.11845	.13202	.01042	-.00110	.00489	-.05642
2.860	5.805	.08465	.11215	.02553	.07287	.12014	.60657	.01085	-.00127	.00410	-.05420
2.860	7.831	.14965	.10726	.02354	.13265	.12651	1.04849	.01149	-.00141	.00338	-.05271
2.860	11.894	.28607	.09943	.01768	.25944	.15626	1.66034	.01264	-.00169	.00075	-.04660
2.860	16.002	.43359	.08940	.00812	.39214	.20546	1.90857	.01367	-.00182	-.00208	-.04272
2.860	20.085	.58597	.07891	-.00368	.52324	.27534	1.90033	.01450	-.00052	-.00630	-.03661
2.860	24.138	.74366	.07015	-.01047	.65013	.36821	1.76567	.01467	.00083	-.00974	-.03169
2.860	28.247	.91216	.06064	-.02026	.77483	.48512	1.59719	.01462	.00128	-.01081	-.03023
2.860	32.321	1.08826	.05302	-.02841	.89131	.62666	1.42232	.01437	-.00056	-.00792	-.03639

RUN NO. 147/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.669	-.16835	.11343	.01594	-.16075	.12397	-1.29666	.00811	.00168	.00589	-.05640
3.900	-1.732	-.12780	.10836	.01585	-.12447	.11217	-1.10963	.00813	.00080	.00567	-.05372
3.900	.439	-.07981	.10269	.01609	-.08060	.10207	-.78963	.00823	.00012	.00517	-.05085
3.900	2.385	-.03573	.09777	.01441	-.03976	.09620	-.41336	.00818	-.00057	.00458	-.04882
3.900	4.418	.01055	.09315	.01433	.00334	.09368	.03564	.00821	-.00123	.00398	-.04656
3.900	6.455	.06051	.08978	.01407	.05003	.09602	.52109	.00823	-.00177	.00332	-.04487
3.900	8.504	.11331	.08703	.01401	.09919	.10282	.96466	.00831	-.00206	.00299	-.04385
3.900	12.495	.22255	.08123	.01184	.19971	.12745	1.56693	.00846	-.00256	.00209	-.04194
3.900	16.655	.35483	.07551	.00868	.31830	.17403	1.82896	.00858	-.00207	-.00080	-.03615
3.900	20.633	.49096	.07047	.00421	.43464	.23896	1.81689	.00868	-.00055	-.00464	-.03009
3.900	24.652	.64259	.06628	.00151	.55637	.32827	1.69486	.00875	.00016	-.00636	-.02730
3.900	28.738	.80723	.06245	-.00354	.67778	.44288	1.53038	.00875	.00042	-.00688	-.02605
3.900	32.807	.98277	.05806	-.01009	.79457	.58126	1.36696	.00868	-.00126	-.00446	-.03095

## LA75 TABULATED SAOUCE DATA

PAGE 94

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH060)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 154/ 0		RN/L = .00												
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY			
4.600	-3.266	-.16010	.11078	.00937	-.15353	.11972	-1.28237	.00642	.00129	.00655	-.05929			
4.600	-1.218	-.11945	.10511	.01027	-.11718	.10763	-1.08879	.00629	.00035	.00628	-.05790			
4.600	.780	-.07452	.09831	.00920	-.07585	.09729	-.77969	.00642	-.00050	.00582	-.05482			
4.600	2.788	-.03165	.09254	.00792	-.03612	.09089	-.39737	.00642	-.00131	.00525	-.05300			
4.600	4.759	.01145	.08790	.00820	.00412	.08855	.04650	.00645	-.00201	.00467	-.05088			
4.600	6.919	.06178	.08400	.00919	.05121	.09083	.56378	.00651	-.00267	.00439	-.04964			
4.600	8.872	.11013	.08051	.00970	.09639	.09653	.99861	.00657	-.00335	.00441	-.04931			
4.600	12.987	.22090	.07452	.00845	.19850	.12225	1.62366	.00667	-.00344	.00264	-.04504			
4.600	16.906	.34204	.07018	.00675	.30685	.16661	1.84173	.00680	-.00312	-.00007	-.03942			
4.600	20.929	.48023	.06715	.00429	.42457	.23426	1.81236	.00680	-.00201	-.00283	-.03541			
4.600	25.035	.63282	.06473	.00231	.54597	.32644	1.67248	.00683	-.00166	-.00396	-.03298			
4.600	29.059	.79224	.06227	-.00096	.66227	.43923	1.50780	.00683	-.00112	-.00490	-.03161			
4.600	33.102	.96053	.05937	-.00520	.77221	.57432	1.34458	.00683	-.00257	-.00328	-.03444			

## LA75 TABULATED SAUCE DATA

PAGE 95

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH061)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 168/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.351	-.18114	.12819	.02728	-.17089	.14156	-1.20715	.01237	-.00471	.00864	-.01774
2.860	-2.309	-.12476	.12472	.02531	-.11964	.12964	-.92284	.01262	-.00444	.00818	-.01657
2.860	-.249	-.06822	.12094	.02264	-.06769	.12124	-.55837	.01241	-.00415	.00751	-.01584
2.860	1.752	-.01295	.11790	.02120	-.01654	.11745	-.14086	.01252	-.00395	.00721	-.01532
2.860	3.798	.04442	.11395	.02031	.03677	.11664	.31527	.01281	-.00389	.00692	-.01455
2.860	5.827	.10452	.10944	.01791	.09287	.11949	.77721	.01304	-.00373	.00675	-.01467
2.860	7.859	.16346	.10530	.01534	.15347	.12748	1.20383	.01338	-.00353	.00669	-.01388
2.860	11.919	.30996	.09919	.00720	.28279	.16107	1.75566	.01403	-.00318	.00632	-.01292
2.860	16.014	.45873	.09045	-.00495	.41597	.21349	1.94845	.01435	-.00291	.00505	-.01149
2.860	20.080	.61422	.08151	-.01933	.54890	.28743	1.90964	.01452	-.00239	.00362	-.00961
2.860	24.184	.77732	.07364	-.03242	.67892	.38563	1.76057	.01441	-.00171	.00302	-.00838
2.860	28.264	.95182	.06559	-.04680	.80728	.50849	1.58761	.01418	-.00117	.00193	-.00621
2.860	32.397	1.13760	.05699	-.06149	.93001	.65763	1.41418	.01411	-.00101	.00143	-.00508

RUN NO. 156/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.678	-.15154	.11173	.00855	-.14406	.12122	-1.18846	.00785	-.00411	.00817	-.01462
3.900	-1.632	-.11156	.10657	.00940	-.10848	.10970	-.98885	.00795	-.00379	.00748	-.01375
3.900	.365	-.06839	.10029	.00921	-.06903	.09985	-.69136	.00797	-.00331	.00691	-.01202
3.900	2.370	-.02448	.09665	.00944	-.02845	.09555	-.29776	.00802	-.00311	.00668	-.01143
3.900	4.472	.02192	.09393	.01063	.01453	.09535	.15236	.00800	-.00306	.00649	-.01127
3.900	6.433	.07070	.08967	.01009	.06021	.09703	.62057	.00810	-.00300	.00649	-.01093
3.900	8.452	.12376	.08840	.01042	.10943	.10563	1.03593	.00817	-.00291	.00634	-.01021
3.900	12.471	.23613	.08329	.00563	.21257	.13230	1.60670	.00827	-.00254	.00528	-.00905
3.900	16.577	.37100	.07729	-.00126	.33353	.17993	1.85364	.00840	-.00150	.00339	-.00591
3.900	20.674	.51572	.07188	-.00889	.45713	.24932	1.83348	.00849	-.00082	.00217	-.00414
3.900	24.671	.67111	.06772	-.01687	.58158	.34166	1.70223	.00847	-.00012	.00120	-.00217
3.900	28.683	.83977	.06452	-.02654	.70576	.45966	1.53538	.00847	.00030	.00082	-.00168
3.900	32.794	1.02407	.06134	-.03837	.82763	.60622	1.36524	.00852	.00018	.00114	-.00194

## LA75 TABULATED SAOUCE DATA

PAGE 96

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM061)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.279	-.14869	.11024	.00478	-.14214	.11857	-1.19882	.00628	-.00416	.00905	-.01631
4.600	-1.241	-.10521	.10221	.00473	-.10397	.10449	-.99509	.00631	-.00371	.00820	-.01436
4.600	.756	-.06441	.09589	.00411	-.06567	.09504	-.69098	.00631	-.00336	.00734	-.01325
4.600	2.743	-.02352	.09159	.00465	-.02788	.09036	-.30850	.00631	-.00312	.00722	-.01283
4.600	4.772	.02000	.08761	.00618	.01264	.08897	.14207	.00628	-.00301	.00699	-.01249
4.600	6.783	.06709	.08384	.00735	.05671	.09118	.62198	.00631	-.00314	.00713	-.01258
4.600	8.844	.11911	.08099	.00852	.10524	.09834	1.07020	.00644	-.00293	.00651	-.01105
4.600	12.847	.22871	.07463	.00260	.20639	.12362	1.66955	.00647	-.00209	.00446	-.00776
4.600	16.977	.36142	.07012	-.00388	.32519	.17259	1.88417	.00659	-.00147	.00293	-.00547
4.600	20.988	.50305	.06750	-.00830	.44550	.24320	1.83181	.00666	-.00058	.00175	-.00324
4.600	25.042	.65988	.06372	-.01578	.57088	.33705	1.69378	.00666	.00007	.00061	-.00181
4.600	29.032	.82468	.06280	-.02301	.69058	.45512	1.51736	.00669	-.00001	.00086	-.00244
4.600	33.065	1.00047	.06135	-.03174	.80498	.59727	1.34777	.00675	.00006	.00055	-.00168

## LA75 TABULATED SAOUCE DATA

PAGE 97

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM062)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 169/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.346	-.20401	.13199	.04354	-.19342	.14707	-1.31516	.01208	-.00469	.00878	-.01661
2.860	-2.285	-.14569	.12785	.04025	-.14048	.13355	-1.05189	.01226	-.00440	.00818	-.01631
2.860	-.271	-.08864	.12312	.03713	-.08806	.12354	-.71280	.01215	-.00400	.00762	-.01524
2.860	1.744	-.03126	.11927	.03545	-.03488	.11826	-.29494	.01223	-.00394	.00737	-.01496
2.860	3.808	.02567	.11495	.03404	.01798	.11640	.15443	.01253	-.00389	.00706	-.01418
2.860	5.842	.08643	.10958	.03120	.07482	.11781	.63511	.01289	-.00374	.00694	-.01398
2.860	7.903	.15089	.10490	.02965	.13503	.12465	1.08326	.01322	-.00359	.00671	-.01359
2.860	11.945	.28934	.09831	.02376	.26273	.15607	1.68337	.01394	-.00330	.00541	-.01295
2.860	15.974	.43277	.08865	.01448	.39166	.20433	1.91687	.01469	-.00295	.00517	-.01090
2.860	20.107	.58509	.07876	.00351	.52235	.27510	1.89875	.01495	-.00242	.00377	-.00950
2.860	24.145	.74326	.06950	-.00563	.64981	.36744	1.76846	.01463	-.00183	.00317	-.00807
2.860	28.246	.91140	.06063	-.01584	.77417	.48474	1.59710	.01404	-.00135	.00204	-.00659
2.860	32.352	1.08971	.05067	-.02622	.89345	.62593	1.42741	.01390	-.00123	.00165	-.00532

RUN NO. 158/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.651	-.16539	.11333	.01746	-.15784	.12363	-1.27669	.00808	-.00406	.00834	-.01415
3.900	-1.634	-.12315	.10752	.01778	-.12003	.11099	-1.08150	.00801	-.00370	.00774	-.01250
3.900	.369	-.07943	.10113	.01722	-.08008	.10061	-.79594	.00798	-.00326	.00701	-.01174
3.900	2.369	-.03596	.09740	.01679	-.03995	.09583	-.41691	.00797	-.00301	.00674	-.01074
3.900	4.415	.01042	.09394	.01787	.00316	.09446	.03346	.00798	-.00296	.00655	-.01022
3.900	6.433	.05972	.08958	.01770	.04930	.09570	.51519	.00815	-.00300	.00663	-.01032
3.900	8.421	.11081	.08839	.01911	.09667	.10366	.93261	.00817	-.00290	.00654	-.00976
3.900	12.508	.22179	.08258	.01670	.19864	.12865	1.54402	.00832	-.00247	.00553	-.00786
3.900	16.572	.35248	.07619	.01260	.31611	.17356	1.82137	.00842	-.00154	.00353	-.00518
3.900	20.606	.48996	.07040	.00877	.43383	.23834	1.82026	.00852	-.00077	.00242	-.00327
3.900	24.733	.64520	.06519	.00459	.55875	.32915	1.69752	.00852	-.00020	.00140	-.00179
3.900	28.721	.80691	.06048	-.00058	.67857	.44080	1.53941	.00857	.00001	.00118	-.00100
3.900	32.856	.98609	.05619	-.00769	.79787	.58219	1.37047	.00852	.00001	.00131	-.00116

## LA75 TABULATED SAOUCE DATA

PAGE 98

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH062)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 164/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.273	-.15805	.11138	.01193	-.15143	.12022	-1.25958	.00640	-.00413	.00915	-.01743
4.600	-1.226	-.11457	.10323	.01172	-.11234	.10566	-1.06325	.00640	-.00365	.00828	-.01497
4.600	.771	-.07136	.09663	.01030	-.07266	.09566	-.75953	.00634	-.00342	.00751	-.01378
4.600	2.763	-.03080	.09211	.01026	-.03520	.09051	-.38892	.00631	-.00312	.00719	-.01368
4.600	4.773	.01276	.08789	.01178	.00540	.08865	.06090	.00631	-.00311	.00704	-.01336
4.600	6.831	.06078	.08380	.01381	.05038	.09043	.55709	.00631	-.00316	.00718	-.01308
4.600	8.849	.10971	.08099	.01592	.09594	.09690	.99011	.00640	-.00296	.00665	-.01172
4.600	12.880	.21843	.07433	.01218	.19636	.12116	1.62075	.00644	-.00219	.00446	-.00227
4.600	16.935	.34429	.06926	.00658	.30918	.16655	1.85644	.00659	-.00158	.00308	-.00603
4.600	20.959	.48186	.06628	.00788	.42627	.23426	1.81964	.00666	-.00079	.00176	-.00433
4.600	24.941	.63069	.06166	.00463	.54587	.32186	1.69597	.00666	-.00010	.00075	-.00223
4.600	29.002	.79097	.05977	.00193	.66280	.43577	1.52099	.00666	-.00033	.00095	-.00307
4.600	33.091	.96205	.05716	-.00213	.77480	.57315	1.35183	.00672	-.00026	.00079	-.00209

## LA75 TABULATED SAOUCE DATA

PAGE 99

LARC UPWT 1173(LA75)B26C9E43F6M16N28R5V8W

(RJM063)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AIRLON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 170/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.330	-.20482	.13283	.04424	-.19420	.14792	-1.31292	.01208	-.00118	.01001	-.01806
2.860	-2.285	-.14531	.12836	.04047	-.14107	.13409	-1.05207	.01236	-.00128	.00934	-.01728
2.860	-.268	-.08867	.12366	.03734	-.08809	.12408	-.70996	.01252	-.00110	.00859	-.01621
2.860	1.761	-.03286	.11994	.03556	-.03653	.11897	-.30730	.01259	-.00103	.00812	-.01620
2.860	3.768	.02382	.11546	.03409	.01618	.11678	.13854	.01284	-.00116	.00772	-.01492
2.860	5.796	.08515	.11004	.03116	.07360	.11808	.62334	.01321	-.00121	.00731	-.01445
2.860	7.836	.14867	.10562	.02953	.13289	.12490	1.06395	.01342	-.00100	.00707	-.01404
2.860	11.909	.28800	.09876	.02315	.26142	.15607	1.67501	.01390	-.00059	.00650	-.01302
2.860	16.001	.43424	.08933	.01343	.39279	.20557	1.91074	.01460	.00006	.00500	-.01103
2.860	20.043	.58492	.07975	.00227	.52216	.27539	1.89606	.01479	.00108	.00356	-.00952
2.860	24.142	.74496	.07039	-.00706	.65101	.36892	1.76463	.01462	.00211	.00270	-.00817
2.860	28.257	.91469	.06143	-.01735	.77660	.48715	1.59417	.01424	.00316	.00143	-.00621
2.860	32.378	1.09355	.05162	-.02804	.89590	.62919	1.42389	.01405	.00392	.00085	-.00425

RUN NO. 159/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.657	-.16512	.11339	.01812	-.15755	.12369	-1.27378	.00800	-.00181	.00915	-.01375
3.900	-1.636	-.12411	.10779	.01804	-.12098	.11129	-1.08708	.00798	-.00166	.00833	-.01315
3.900	.365	-.08088	.10207	.01770	-.08153	.10155	-.80278	.00804	-.00133	.00777	-.01146
3.900	2.369	-.03682	.09771	.01715	-.04083	.09611	-.42479	.00797	-.00119	.00728	-.01108
3.900	4.398	.00820	.09454	.01797	.00093	.09489	.00976	.00802	-.00139	.00703	-.01065
3.900	6.506	.06026	.09017	.01782	.05035	.09650	.52180	.00810	-.00141	.00694	-.00992
3.900	8.511	.11227	.08818	.01890	.09798	.10382	.94377	.00822	-.00135	.00677	-.00957
3.900	12.527	.22227	.08286	.01636	.19901	.12909	1.54160	.00832	-.00071	.00556	-.00808
3.900	16.620	.35370	.07661	.01191	.31702	.17457	1.81597	.00847	.00059	.00358	-.00488
3.900	20.632	.49119	.07072	.00800	.43477	.23927	1.81708	.00859	.00175	.00226	-.00321
3.900	24.662	.64341	.06550	.00336	.55739	.32800	1.69939	.00862	.00294	.00119	-.00052
3.900	28.774	.81177	.06108	-.00218	.68213	.44429	1.53531	.00857	.00383	.00072	-.00042
3.900	32.787	.98565	.05717	-.00933	.79767	.58181	1.37101	.00854	.00439	.00072	-.00015



## LA75 TABULATED SAOUCE DATA

PAGE 100

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM063)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 165/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.262	-.15823	.11198	.01251	-.15161	.12080	-1.25502	.00631	-.00207	.00965	-.01747
4.600	-1.210	-.11555	.10388	.01217	-.11333	.10630	-1.06616	-.00628	-.00180	.00877	-.01596
4.600	.788	-.07197	.09710	.01058	-.07330	.09610	-.76272	.00631	-.00172	.00800	-.01434
4.600	2.761	-.03045	.09239	-.01078	-.03487	.09082	-.38392	.00631	-.00173	.00756	-.01387
4.600	4.720	.01171	.08815	.01202	.00442	.08882	.04975	.00634	-.00177	.00731	-.01309
4.600	6.770	.06025	.08397	.01388	.04993	.09048	.55180	.00647	-.00195	.00734	-.01280
4.600	8.832	.10983	.08112	.01555	.09607	.09702	.99022	.00644	-.00170	.00672	-.01180
4.600	12.905	.22004	.07423	.01164	.19790	.12150	1.62885	.00656	-.00068	.00445	-.00823
4.600	16.876	.34259	.06943	.00814	.30768	.16589	1.85468	.00669	.00020	.00289	-.00642
4.600	20.848	.48329	.06665	.00697	.42752	.23503	1.81901	.00672	.00149	.00150	-.00403
4.600	24.868	.63458	.06191	.00338	.54915	.32398	1.69499	.00675	.00282	.00035	-.00211
4.600	29.048	.79568	.06030	.00027	.66632	.43905	1.51763	.00669	.00322	.00048	-.00229
4.600	33.095	.96580	.05788	-.00415	.77752	.57584	1.35022	.00669	.00395	.00007	-.00199

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## LA75 TABULATED SAUCE DATA

PAGE 101

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(RJH064)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 171/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.337	-.20759	.13513	.04598	-.19677	.15044	-1.30799	.01225	-.00442	.01680	-.08284
2.860	-2.331	-.14976	.13111	.04224	-.14431	.13710	-1.05258	.01253	-.00434	.01562	-.07818
2.860	-.249	-.09048	.12702	.03909	-.08993	.12741	-.70583	.01274	-.00448	.01433	-.07440
2.860	1.736	-.03432	.12251	.03644	-.03802	.12141	-.31311	.01283	-.00472	.01295	-.06978
2.860	3.775	.02278	.11786	.03530	.01497	.11911	.12568	.01317	-.00479	.01161	-.06669
2.860	5.804	.08463	.11291	.03325	.07278	.12089	.60198	.01347	-.00502	.01076	-.06445
2.860	7.875	.14979	.10855	.03132	.13350	.12805	1.04254	.01357	-.00499	.00975	-.06230
2.860	11.905	.28728	.10104	.02491	.26026	.15813	1.64588	.01403	-.00505	.00663	-.05574
2.860	15.968	.43391	.08931	.01338	.39260	.20524	1.31292	.01469	-.00448	.00239	-.04912
2.860	20.097	.58858	.07659	-.00165	.52642	.27417	1.92008	.01501	-.00255	-.00287	-.04101
2.860	24.183	.74752	.06756	-.01024	.65425	.36786	1.77854	.01486	-.00080	-.00673	-.03512
2.860	28.237	.91475	.05963	-.01922	.77768	.48533	1.60237	.01465	-.00024	-.00822	-.03289
2.860	32.394	1.09224	.05292	-.02618	.89392	.62984	1.41927	.01432	-.00174	-.00608	-.03733

RUN NO. 160/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.662	-.16990	.11731	.02227	-.16206	.12792	-1.26688	.00797	-.00286	.01383	-.06911
3.900	-1.617	-.12745	.11190	.02239	-.12425	.11545	-1.07616	.00800	-.00333	.01284	-.06571
3.900	.383	-.08319	.10696	.02272	-.08390	.10640	-.78855	.00805	-.00378	.01194	-.06234
3.900	2.386	-.03784	.10202	.02137	-.04205	.10036	-.41905	.00806	-.00421	.01096	-.05941
3.900	4.416	.00846	.09727	.02161	.00094	.09763	.00956	.00806	-.00469	.01013	-.05674
3.900	6.478	.05854	.09427	.02189	.04753	.10028	.47397	.00813	-.00505	.00950	-.05450
3.900	8.466	.11008	.09154	.02178	.09541	.10675	.89371	.00827	-.00526	.00904	-.05321
3.900	12.467	.22047	.08442	.01801	.19705	.13002	1.51551	.00842	-.00502	.00658	-.04856
3.900	16.609	.35435	.07698	.01273	.31756	.17506	1.81405	.00859	-.00395	.00252	-.04114
3.900	20.644	.49460	.06910	.00427	.43848	.23904	1.83436	.00869	-.00171	-.00285	-.03270
3.900	24.754	.64949	.06519	.00139	.56252	.33116	1.69864	.00877	-.00085	-.00501	-.02935
3.900	28.736	.81027	.06148	-.00340	.68092	.44347	1.53542	.00879	-.00023	-.00599	-.02700
3.900	32.809	.98611	.05814	-.00860	.79731	.58318	1.36717	.00864	-.00185	-.00373	-.03201

## LA75 TABULATED SAUCE DATA

PAGE 102

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH064)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.210	-.15906	.11381	.01675	-.15244	.12254	-1.24398	.00644	-.00287	.01353	-.06908
4.600	-1.259	-.11984	.10801	.01780	-.11743	.11062	-1.06159	.00644	-.00323	.01259	-.06524
4.600	.762	-.07512	.10165	.01651	-.07646	.10064	-.75977	.00647	-.00375	.01147	-.06149
4.600	2.752	-.03264	.09609	.01541	-.03721	.09441	-.39413	.00640	-.00442	.01080	-.05965
4.600	4.783	.0091	.09171	.01629	.00422	.09239	.04571	.00644	-.00509	.01011	-.05754
4.600	6.813	.05861	.08859	.01782	.04769	.09492	.50241	.00640	-.00564	.00963	-.05591
4.600	8.822	.10932	.08452	.01799	.09506	.10029	.94787	.00650	-.00600	.00908	-.05444
4.600	12.900	.21876	.07684	.01502	.19609	.12374	1.58461	.00659	-.00552	.00579	-.04827
4.600	16.947	.34601	.06948	.00902	.31073	.16732	1.85705	.00669	-.00403	.00083	-.03961
4.600	20.939	.48448	.06577	.00550	.42898	.23457	1.82882	.00685	-.00265	-.00212	-.03357
4.600	25.140	.64111	.06353	.00343	.55339	.32987	1.67759	.00685	-.00210	-.00372	-.03049
4.600	29.029	.79424	.06117	-.00023	.66478	.43890	1.51466	.00685	-.00141	-.00476	-.02869
4.600	33.142	.96613	.05888	-.00320	.77677	.57749	1.34507	.00675	-.00276	-.00343	-.03154

## LA75 TABULATED SAOUCE DATA

PAGE 103

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH065)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 66/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.085	-.18440	.13502	.03254	-.17432	.14782	-1.17927	.01087	-.00008	.00021	-.00146
2.860	-2.069	-.12945	.13162	.03025	-.12462	.13621	-.91490	.01089	-.00006	.00001	-.00148
2.860	-.021	-.07212	.12721	.02757	-.07208	.12723	-.56650	.01095	.00002	-.00011	-.00168
2.860	1.990	-.01686	.12394	.02599	-.02115	.12328	-.17157	.01092	-.00007	-.00011	-.00173
2.860	4.014	.03923	.12015	.02480	.03072	.12261	.25059	.01120	-.00019	-.00023	-.00154
2.860	6.081	.10087	.11459	.02218	.08816	.12463	.70740	.01203	-.00014	-.00009	-.00161
2.860	8.102	.16560	.11034	.01943	.14840	.13257	1.11938	.01240	-.00003	-.00012	-.00105
2.860	12.147	.30640	.10392	.01102	.27767	.16607	1.67205	.01315	.00017	-.00019	-.00134
2.860	16.227	.45417	.09572	.00042	.40933	.21882	1.87060	.01398	.00013	-.00051	-.00127
2.860	20.349	.61351	.08616	-.01496	.54526	.29412	1.85387	.01439	.00020	-.00093	-.00122
2.860	24.412	.77683	.07686	-.02922	.67561	.39104	1.72772	.01426	.00042	-.00099	-.00126
2.860	28.492	.95026	.06835	-.04416	.80256	.51339	1.56327	.01364	.00057	-.00108	-.00066
2.860	32.605	1.13473	.05915	-.05987	.92403	.66128	1.39733	.01362	.00003	-.00047	-.00110

RUN NO. 72/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.417	-.15716	.11869	.01119	-.14981	.12785	-1.17177	.00582	-.00008	.00086	-.00157
3.900	-1.400	-.11662	.11284	.01187	-.11383	.11565	-.98420	.00602	-.00013	.00083	-.00125
3.900	.625	-.07382	.10678	.01178	-.07498	.10597	-.70753	.00602	-.00003	.00081	-.00146
3.900	2.638	-.02954	.10256	.01149	-.03423	.10109	-.33856	.00614	-.00002	.00091	-.00152
3.900	4.667	.01541	.09948	.01293	.00727	.10041	.07236	.00656	-.00001	.00085	-.00102
3.900	6.687	.06530	.09487	.01212	.05381	.10183	.52840	.00683	.00001	.00081	-.00125
3.900	8.706	.11790	.09296	.01220	.10247	.10974	.93381	.00726	.00000	.00091	-.00082
3.900	12.738	.23029	.08771	.00770	.20529	.13633	1.50584	.00771	-.00005	.00103	-.00123
3.900	16.776	.36350	.08163	.00076	.32447	.18307	1.77233	.00801	.00035	.00039	-.00109
3.900	20.857	.50874	.07597	-.00700	.44836	.25213	1.77830	.00810	.00059	.00011	-.00117
3.900	24.929	.66754	.07092	-.01568	.57545	.34568	1.66470	.00810	.00064	.00037	-.00098
3.900	28.969	.83784	.06735	-.02611	.70038	.46472	1.50711	.00813	.00074	.00049	-.00154
3.900	33.049	1.02060	.06379	-.03845	.82068	.61006	1.34524	.00815	.00110	.00012	-.00081

## LA75 TABULATED SAOUCE DATA

PAGE 104

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH065)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

		RUN NO.	78/ 0	RN/L =	.00						
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.020	-.15055	.11706	.00610	-.14418	.12483	-1.15498	.00435	-.00040	.00233	-.00780
4.600	-1.001	-.10975	.10896	.00611	-.10683	.11085	-.96378	.00438	-.00062	.00218	-.00750
4.600	1.004	-.06613	.10208	.00491	-.06791	.10090	-.67304	.00438	-.00068	.00195	-.00741
4.600	3.008	-.02570	.09756	.00563	-.03078	.09607	-.32041	.00466	-.00066	.00204	-.00743
4.600	5.029	.01797	.09282	.00685	.00977	.09404	.10385	.00501	-.00064	.00204	-.00698
4.600	7.037	.06542	.08884	.00785	.05405	.09618	.56192	.00514	-.00074	.00214	-.00693
4.600	9.071	.11632	.08626	.00939	.10126	.10352	.97824	.00546	-.00061	.00185	-.00585
4.600	13.099	.22656	.07909	.00362	.20274	.12837	1.57928	.00596	-.00043	.00099	-.00495
4.600	17.149	.35493	.07453	-.00334	.31717	.17587	1.80344	.00609	-.00068	.00123	-.00608
4.600	21.161	.49778	.07180	-.00791	.43830	.24665	1.77699	.00615	-.00046	.00105	-.00615
4.600	25.254	.65532	.06760	-.01538	.56384	.34072	1.65488	.00622	-.00007	.00062	-.00512
4.600	29.231	.81872	.06632	-.02321	.68207	.45769	1.49026	.00622	-.00022	.00083	-.00616
4.600	33.335	.99753	.06533	-.03230	.79750	.60276	1.32309	.00622	-.00031	.00096	-.00586

## LA75 TABULATED SAUCE DATA

PAGE 105

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH066)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 67/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.096	-.20821	.13868	.04915	-.19777	.15320	-1.29094	.01080	-.00014	.00042	-.00179
2.860	-2.057	-.15304	.13448	.04580	-.14512	.13978	-1.03819	.01079	-.00003	.00019	-.00132
2.860	-.006	-.09185	.12969	.04202	-.09183	.12970	-.70804	.01075	-.00004	-.00005	-.00112
2.860	2.018	-.03476	.12548	.03988	-.03916	.12417	-.31533	.01084	.00004	.00003	-.00131
2.860	4.031	.02090	.12105	.03839	.01234	.12222	.10097	.01124	-.00014	-.00015	-.00110
2.860	6.118	.08363	.11491	.03548	.07090	.12317	.57564	.01186	-.00013	-.00001	-.00167
2.860	8.136	.14851	.11025	.03371	.13141	.13016	1.00965	.01210	.00001	.00001	-.00124
2.860	12.182	.28513	.10301	.02781	.25698	.16086	1.59754	.01329	.00005	-.00008	-.00195
2.860	16.231	.42973	.09382	.01932	.38638	.21019	1.83826	.01430	.00003	-.00044	-.00165
2.860	20.321	.58359	.08354	.00741	.51825	.28101	1.84424	.01475	.00016	-.00083	-.00157
2.860	24.421	.74363	.07332	-.00248	.64679	.37420	1.72847	.01430	.00041	-.00083	-.00116
2.860	28.498	.91061	.06370	-.01287	.76988	.49047	1.56968	.01364	.00040	-.00097	-.00099
2.860	32.621	1.09016	.05302	-.02522	.88962	.63233	1.40688	.01338	.00000	-.00046	-.00164

RUN NO. 73/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.411	-.16951	.12032	.02046	-.16206	.13019	-1.24472	.00577	-.00010	.00099	-.00187
3.900	-1.397	-.12939	.11438	.02036	-.12656	.11750	-1.07711	.00599	-.00006	.00097	-.00179
3.900	.636	-.08416	.10791	.01992	-.08536	.10697	-.79796	.00594	-.00003	.00088	-.00193
3.900	2.643	-.04035	.10339	.01928	-.04507	.10142	-.44444	.00609	.00008	.00098	-.00158
3.900	4.653	.00496	.09994	.02043	-.00316	.10002	-.03164	.00651	.00000	.00091	-.00142
3.900	6.670	.05527	.09521	.01982	.04383	.10099	.43403	.00674	-.00003	.00087	-.00132
3.900	8.692	.10614	.09299	.02108	.09087	.10796	.84166	.00731	-.00004	.00089	-.00107
3.900	12.736	.21632	.08732	.01890	.19175	.13287	1.44317	.00775	-.00005	.00106	-.00146
3.900	16.810	.34638	.08051	.01482	.30830	.17724	1.73940	.00808	.00017	.00046	-.00145
3.900	20.873	.48526	.07423	.01049	.42697	.24225	1.76250	.00820	.00047	.00014	-.00129
3.900	24.909	.63887	.06874	.00578	.55049	.33142	1.66103	.00820	.00052	.00028	-.00132
3.900	28.970	.80481	.06372	-.00037	.67324	.44556	1.51099	.00815	.00058	.00042	-.00183
3.900	33.054	.98141	.05919	-.00765	.79029	.58490	1.35116	.00808	.00084	.00014	-.00119

LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH066)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.00G  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BOFLAP = .000

RUN NO. 79/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.021	-.15940	.11810	.01357	-.15295	.12634	-1.21062	.00438	-.00050	.00235	-.00800
4.600	-1.010	-.11795	.11001	.01330	-.11599	.11208	-1.03495	.00437	-.00054	.00231	-.00740
4.600	1.014	-.07404	.10271	.01102	-.07585	.10139	-.74814	.00441	-.00060	.00208	-.00740
4.600	3.002	-.03282	.09795	.01140	-.03791	.09610	-.39444	.00464	-.00057	.00217	-.00734
4.600	5.033	.01072	.09309	.01231	.00251	.09367	.02682	.00496	-.00058	.00197	-.00682
4.600	7.028	.05736	.08880	.01403	.04606	.09515	.48409	.00512	-.00072	.00216	-.00690
4.600	9.049	.10619	.08632	.01661	.09129	.10195	.89545	.00531	-.00063	.00186	-.00644
4.600	13.127	.21508	.07902	.01303	.19151	.12580	1.52232	.00565	-.00048	.00107	-.00539
4.600	17.168	.34043	.07371	.00903	.30350	.17091	1.77582	.00606	-.00070	.00119	-.00643
4.600	21.044	.47160	.07057	.00837	.41481	.23521	1.76360	.00619	-.00041	.00105	-.00585
4.600	25.256	.62916	.06545	.00461	.54110	.32763	1.65154	.00619	-.00014	.00059	-.00529
4.600	29.233	.78681	.06324	.00139	.65572	.43943	1.49221	.00622	-.00038	.00083	-.00570
4.600	33.340	.95950	.06114	-.00254	.76798	.57843	1.32769	.00609	-.00040	.00101	-.00568

## LA75 TABULATED SAOUCE DATA

PAGE 107

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH067)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 68/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.062	-.20807	.13963	.04932	-.19765	.15402	-1.28332	.01083	.00346	.00167	-.00313
2.860	-2.046	-.15101	.13535	.04592	-.14608	.14065	-1.03857	.01088	.00320	.00130	-.00304
2.860	.005	-.09177	.13051	.04236	-.09178	.13051	-.70325	.01088	.00297	.00094	-.00316
2.860	2.017	-.03501	.12625	.04004	-.03944	.12493	-.31566	.01103	.00276	.00077	-.00285
2.860	4.054	.02183	.12154	.03858	.01318	.12278	.10735	.01142	.00259	.00047	-.00234
2.860	6.089	.08470	.11558	.03556	.07197	.12392	.58076	.01199	.00240	.00042	-.00213
2.860	8.103	.14748	.11098	.03350	.13037	.13066	.99778	.01231	.00249	.00039	-.00197
2.860	12.169	.28655	.10346	.02701	.25831	.16154	1.59901	.01336	.00277	.00008	-.00223
2.860	16.223	.43103	.09458	.01843	.38745	.21123	1.83427	.01425	.00309	-.00049	-.00155
2.860	20.330	.58522	.08451	.00616	.51941	.28256	1.83821	.01477	.00371	-.00097	-.00157
2.860	24.436	.74666	.07423	-.00394	.64907	.37646	1.72415	.01432	.00430	-.00129	-.00153
2.860	28.501	.91362	.06473	-.01469	.77201	.49284	1.56644	.01383	.00489	-.00158	-.00066
2.860	32.590	1.09215	.05424	-.02670	.89097	.63395	1.40543	.01365	.00502	-.00115	-.00122
RUN NO. 74/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.427	-.17003	.12095	.02110	-.16250	.13090	-1.24140	.00587	.00213	.00187	-.00218
3.900	-1.404	-.12894	.11473	.02081	-.12609	.11785	-1.06991	.00604	.00200	.00169	-.00279
3.900	.612	-.08588	.10847	.02034	-.08703	.10755	-.80925	.00607	.00194	.00144	-.00262
3.900	2.636	-.04079	.10391	.01953	-.04552	.10192	-.44665	.00614	.00185	.00154	-.00228
3.900	4.662	.00582	.10046	.02029	-.00237	.10061	-.02353	.00644	.00161	.00131	-.00207
3.900	6.670	.05495	.09557	.01982	.04348	.10130	.42916	.00679	.00145	.00119	-.00204
3.900	8.699	.10692	.09327	.02082	.09158	.10837	.84511	.00736	.00152	.00121	-.00171
3.900	12.731	.21676	.08769	.01832	.19210	.13330	1.44113	.00778	.00170	.00117	-.00199
3.900	16.804	.34772	.08117	.01392	.30941	.17823	1.73595	.00813	.00230	.00051	-.00183
3.900	20.852	.48692	.07489	.00948	.42837	.24331	1.76059	.00827	.00307	.00006	-.00117
3.900	24.930	.64074	.06926	.00454	.55185	.33289	1.65775	.00825	.00355	.00000	-.00139
3.900	28.970	.80585	.06451	-.00186	.67377	.44676	1.50812	.00823	.00423	.00002	-.00137
3.900	33.041	.98246	.06006	-.00955	.79083	.58602	1.34949	.00815	.00526	-.00045	-.00050



## LA75 TABULATED SAUCE DATA

PAGE 108

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH067)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

		RUN NO.	80/ 0	RN/L =								
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D/	CAB	CBL	CYN	CY	
4.600	-3.014	-.15993	.11861	.01388	-.15347	.12685	-1.20983	.00438	.00148	.00294	-.00848	
4.600	-1.088	-.11938	.11089	.01376	-.11725	.11314	-1.03637	.00438	.00128	.00278	-.00818	
4.600	1.012	-.07399	.10335	.01159	-.07580	.10202	-.74298	.00438	.00095	.00264	-.00756	
4.600	3.009	-.03247	.09844	.01165	-.03759	.09660	-.38914	.00457	.00083	.00264	-.00796	
4.600	5.055	.01095	.09364	.01285	.00266	.09424	.02819	.00476	.00067	.00214	-.00703	
4.600	7.059	.05829	.08898	.01411	.04691	.09546	.49141	.00524	.00048	.00233	-.00751	
4.600	9.036	.10601	.08653	.01615	.09111	.10211	.89227	.00546	.00065	.00203	-.00610	
4.600	15.816	.29682	.07580	.01022	.26493	.15383	1.72225	.00584	.00095	.00120	-.00605	
4.600	17.157	.34322	.07432	.00826	.30602	.17225	1.77658	.00603	.00110	.00110	-.00586	
4.600	21.168	.47777	.07100	.00708	.41989	.23873	1.75889	.00616	.00182	.00090	-.00547	
4.600	25.240	.63047	.06611	.00334	.54209	.32863	1.64952	.00619	.00267	.00045	-.00442	
4.600	29.290	.79145	.06398	-.00039	.65897	.44301	1.48749	.00622	.00313	.00045	-.00494	
4.600	33.352	.96129	.06187	-.00479	.76896	.58018	1.32537	.00622	.00366	.00047	-.00521	

## LA75 TABULATED SAOUCE DATA

PAGE 109

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH068)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 69/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-3.988	-.20756	.13961	.04762	-.19734	.15371	-1.28388	.01086	.00013	.00862	-.06892
2.860	-2.046	-.15135	.13541	.04366	-.14642	.14072	-1.04050	.01127	-.00019	.00799	-.06551
2.860	-.033	-.09402	.13133	.04102	-.09394	.13139	-.71498	.01150	-.00056	.00706	-.06254
2.860	1.978	-.03787	.12683	.03878	-.04223	.12544	-.33662	.01171	-.00081	.00599	-.05890
2.860	4.063	.02160	.12215	.03759	.01289	.12337	.10446	.01189	-.00127	.00496	-.05597
2.860	6.076	.08288	.11684	.03510	.07004	.12496	.56053	.01231	-.00144	.00403	-.05331
2.860	8.123	.14808	.11209	.03278	.13076	.13188	.99149	.01251	-.00151	.00333	-.05140
2.860	12.147	.28477	.10385	.02632	.25654	.16144	1.58905	.01347	-.00181	.00052	-.04586
2.860	16.248	.43164	.09331	.01561	.38829	.21036	1.84583	.01405	-.00191	-.00257	-.04146
2.860	20.367	.58842	.08242	.00217	.52295	.28205	1.85409	.01441	-.00039	-.00696	-.03458
2.860	24.419	.74396	.07343	-.00524	.64706	.37441	1.72819	.01447	.00106	-.01036	-.02974
2.860	28.513	.91377	.06368	-.01547	.77254	.49215	1.56971	.01419	.00131	-.01137	-.02859
2.860	32.568	1.08946	.05564	-.02436	.88820	.63335	1.40237	.01393	-.00056	-.00821	-.03496

RUN NO. 75/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.408	-.17168	.12162	.02121	-.16415	.13161	-1.24720	.00580	.00116	.00640	-.05655
3.900	-1.428	-.13113	.11640	.02130	-.12819	.11963	-1.07156	.00572	.00038	.00602	-.05455
3.900	.612	-.08696	.11119	.02170	-.08815	.11026	-.79948	.00582	-.00035	.00578	-.05218
3.900	2.610	-.04068	.10573	.01983	-.04545	.10376	-.43801	.00589	-.00101	.00523	-.04999
3.900	4.644	.00573	.10063	.01964	-.00244	.10076	-.02418	.00646	-.00168	.00460	-.04799
3.900	6.670	.05495	.09690	.01962	.04333	.10263	.42215	.00676	-.00210	.00405	-.04589
3.900	8.686	.10745	.09348	.01932	.09210	.10863	.84781	.00726	-.00233	.00368	-.04472
3.900	12.757	.21929	.08627	.01591	.19483	.13257	1.46966	.00763	-.00292	.00268	-.04317
3.900	16.801	.34981	.08021	.01178	.31169	.17790	1.75210	.00785	-.00240	-.00023	-.03779
3.900	20.857	.48979	.07362	.00580	.43148	.24318	1.77435	.00825	-.00070	-.00453	-.03155
3.900	24.918	.64255	.06956	.00313	.55343	.33380	1.65796	.00830	-.00005	-.00614	-.02896
3.900	28.983	.80904	.06546	-.00268	.67601	.44928	1.50465	.00832	.00029	-.00639	-.02728
3.900	33.058	.98497	.06105	-.00891	.79222	.58846	1.34627	.00822	-.00143	-.00400	-.03291

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 110

LARC UPWT 1173(LA75)B26C9E43F8M16N2B5V8W

(RJH068)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

		RUN NO.	81/ 0	RN/L =	.00						
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.018	-.16110	.11905	.01382	-.15461	.12737	-1.21389	.00403	.00081	.00676	-.05951
4.600	-1.018	-.12024	.11242	.01500	-.11823	.11454	-1.03222	.00429	-.00023	.00672	-.05732
4.600	1.015	-.07615	.10570	.01393	-.07801	.10434	-.74767	.00451	-.00109	.00614	-.05515
4.600	2.998	-.03307	.09923	.01215	-.03821	.09737	-.39244	.00470	-.00183	.00582	-.05317
4.600	5.025	.01137	.09439	.01271	.00306	.09502	.03218	.00502	-.00265	.00517	-.05097
4.600	7.040	.05801	.09050	.01374	.04648	.09692	.47956	.00524	-.00330	.00484	-.04922
4.600	9.075	.10913	.08642	.01405	.09414	.10255	.91795	.00546	-.00399	.00501	-.04919
4.600	13.124	.21706	.07925	.01167	.19340	.12647	1.52926	.00574	-.00412	.00300	-.04507
4.600	17.125	.33907	.07371	.00833	.30233	.17028	1.77550	.00587	-.00362	-.00002	-.03933
4.600	21.188	.48086	.07007	.00539	.42303	.23912	1.76909	.00606	-.00242	-.00282	-.03495
4.600	25.222	.63011	.06761	.00299	.54123	.32966	1.64175	.00612	-.00216	-.00361	-.03285
4.600	29.293	.79013	.06510	-.00060	.65724	.44336	1.48240	.00619	-.00156	-.00469	-.03139
4.600	33.355	.96109	.06226	-.00462	.76854	.58044	1.32407	.00616	-.00296	-.00321	-.03416

LA75 TABULATED SAOUCE DATA

PAGE 111

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH069)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 84/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.340	-.18538	.13715	.03450	-.17447	.15078	-1.15709	.01035	-.00412	.00736	-.01376
2.860	-2.289	-.12992	.13384	.03246	-.12447	.13892	-.89593	.01035	-.00385	.00690	-.01380
2.860	-.279	-.07409	.12989	.02984	-.07345	.13025	-.56394	.01017	-.00355	.00624	-.01266
2.860	1.749	-.01811	.12659	.02829	-.02197	.12598	-.17437	.01020	-.00328	.00597	-.01204
2.860	3.777	.03879	.12249	.02764	.03063	.12478	.24549	.01081	-.00334	.00573	-.01159
2.860	5.820	.09392	.11690	.02493	.08755	.12643	.69252	.01162	-.00324	.00564	-.01135
2.860	7.826	.16434	.11241	.02226	.14750	.13374	1.10290	.01208	-.00310	.00560	-.01077
2.860	11.941	.30771	.10542	.01327	.27924	.16680	1.67408	.01291	-.00279	.00515	-.01059
2.860	15.987	.45470	.09547	.00040	.41082	.21701	1.89309	.01385	-.00226	.00380	-.00839
2.860	20.069	.61344	.08556	-.01499	.54683	.29087	1.87997	.01427	-.00188	.00276	-.00723
2.860	24.168	.77835	.07639	-.02876	.67884	.38837	1.74795	.01423	-.00149	.00246	-.00657
2.860	28.255	.95252	.06734	-.04453	.80715	.51023	1.58192	.01393	-.00095	.00145	-.00494
2.860	32.305	1.13240	.05878	-.05865	.92570	.65487	1.41356	.01385	-.00104	.00128	-.00499
RUN NO. 90/ 0 RN/L = .00											
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.579	-.15794	.11990	.01418	-.15015	.12953	-1.15921	.00550	-.00364	.00745	-.01062
3.900	.352	-.07689	.10822	.01444	-.07756	.10775	-.71977	.00567	-.00291	.00624	-.00867
3.900	2.386	-.03218	.10335	.01441	-.03648	.10252	-.35583	.00577	-.00273	.00611	-.00831
3.900	4.387	.01237	.10051	.01586	.00464	.10116	.04588	.00642	-.00271	.00604	-.00782
3.900	6.428	.06383	.09626	.01567	.05265	.10280	.51215	.00672	-.00272	.00615	-.00775
3.900	8.474	.11585	.09432	.01568	.10069	.11037	.91230	.00709	-.00263	.00603	-.00727
3.900	12.502	.22996	.08742	.00995	.20559	.13512	1.52148	.00783	-.00226	.00495	-.00547
3.900	16.534	.36335	.08055	.00220	.32540	.18062	1.80154	.00818	-.00127	.00311	-.00248
3.900	20.585	.50807	.07463	-.00588	.44939	.24850	1.80842	.00826	-.00043	.00202	-.00133
3.900	28.754	.83992	.06561	-.02548	.70479	.46156	1.52697	.00831	.00028	.00094	-.00019
3.900	32.832	1.02287	.06176	-.03804	.82600	.60646	1.36200	.00828	.00076	.00046	.00076

## LA75 TABULATED SAUCE DATA

PAGE 112

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH069)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	96/ 0	RN/L =	.00							
MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY	
4.600	-3.251	-.15350	.11828	.00909	-.14655	.12679	-1.15580	.00386	-.00375	.00853	-.01414	
4.600	-1.275	-.11203	.10984	.00846	-.10956	.11231	-.97549	.00392	-.00336	.00770	-.01323	
4.600	.775	-.06936	.10332	.00819	-.07075	.10237	-.69107	.00401	-.00315	.00695	-.01192	
4.600	2.776	-.02792	.09867	.00907	-.03266	.09720	-.33601	.00433	-.00289	.00695	-.01141	
4.600	4.781	.01460	.09430	.01083	.00669	.09519	.07028	.00477	-.00289	.00685	-.01103	
4.600	6.807	.06340	.09004	.01230	.05228	.09692	.53947	.00531	-.00309	.00704	-.01150	
4.600	8.821	.11449	.08650	.01288	.09987	.10304	.96929	.00559	-.00275	.00647	-.00977	
4.600	12.869	.22647	.07810	.00528	.20339	.12658	1.60680	.00601	-.00205	.00438	-.00606	
4.600	16.889	.35521	.07318	-.00132	.31863	.17322	1.83950	.00620	-.00158	.00318	-.00459	
4.600	20.918	.49862	.06987	-.00664	.44082	.24329	1.81193	.00632	-.00066	.00186	-.00220	
4.600	24.966	.65660	.06546	-.01485	.56761	.33648	1.68692	.00635	-.00004	.00106	-.00117	
4.600	29.022	.82384	.06419	-.02269	.68924	.45582	1.51210	.00639	-.00009	.00104	-.00229	
4.600	33.100	1.00224	.06326	-.03167	.80505	.60032	1.34104	.00639	.00000	.00084	-.00168	

## LA75 TABULATED SAOUCE DATA

PAGE 113

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM070)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 85/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.350	-.20945	.14084	.05080	-.19816	.15632	-1.26769	.01022	-.00409	.00749	-.01375
2.860	-2.298	-.15017	.13665	.04791	-.14457	.14256	-1.01410	.01014	-.00385	.00701	-.01336
2.860	-.261	-.09262	.13198	.04447	-.09202	.13241	-.69496	.00999	-.00346	.00636	-.01233
2.860	1.730	-.03758	.12808	.04233	-.04143	.12688	-.32654	.00999	-.00326	.00609	-.01194
2.860	3.775	.02029	.12316	.04151	.01214	.12423	.09772	.01074	-.00340	.00585	-.01175
2.860	5.811	.08213	.11675	.03830	.06989	.12447	.56154	.01167	-.00324	.00565	-.01114
2.860	7.809	.14475	.11192	.03649	.12820	.13055	.98197	.01203	-.00304	.00555	-.01042
2.860	11.909	.28383	.10427	.02984	.25621	.16059	1.59539	.01301	-.00272	.00518	-.01008
2.860	15.975	.43027	.09364	.01938	.38788	.20845	1.86081	.01402	-.00236	.00387	-.00823
2.860	20.082	.58293	.08305	.00794	.51897	.27816	1.86572	.01457	-.00185	.00285	-.00711
2.860	24.171	.74411	.07265	-.00178	.64913	.37097	1.74982	.01438	-.00156	.00233	-.00647
2.860	28.254	.91115	.06238	-.01302	.77306	.48627	1.58979	.01393	-.00109	.00149	-.00478
2.860	32.342	1.08779	.05244	-.02368	.89098	.62624	1.42274	.01370	-.00114	.00139	-.00456

RUN NO. 91/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.661	-.17228	.12175	.02303	-.16415	.13250	-1.23886	.00548	-.00363	.00758	-.01088
3.900	-1.616	-.13102	.11563	.02321	-.12771	.11928	-1.07068	.00565	-.00332	.00700	-.00974
3.900	.395	-.08658	.10888	.02254	-.08733	.10829	-.80650	.00565	-.00286	.00629	-.00875
3.900	2.384	-.04296	.10465	.02218	-.04728	.10277	-.46004	.00575	-.00260	.00618	-.00835
3.900	4.452	.00400	.10090	.02333	-.00384	.10091	-.03810	.00632	-.00262	.00603	-.00778
3.900	6.423	.05289	.09635	.02326	.04178	.10166	.41098	.00665	-.00265	.00621	-.00745
3.900	8.440	.10399	.09440	.02454	.08901	.10864	.81739	.00697	-.00258	.00615	-.00715
3.900	12.481	.21420	.08712	.02117	.19031	.13135	1.44885	.00779	-.00220	.00505	-.00571
3.900	16.546	.34599	.07945	.01614	.30904	.17469	1.76904	.00826	-.00136	.00325	-.00278
3.900	20.644	.48571	.07295	.01168	.42880	.23951	1.79032	.00833	-.00061	.00204	-.00111
3.900	24.662	.63920	.06704	.00649	.55292	.32764	1.68758	.00831	-.00008	.00129	-.00031
3.900	28.758	.80489	.06206	.00053	.67576	.44164	1.53010	.00823	.00013	.00109	-.00022
3.900	32.823	.98097	.05724	-.00692	.79333	.57983	1.36821	.00823	.00046	.00062	.00030

## LA75 TABULATED SAOUCE DATA

PAGE 114

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH070)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. X0  
 LREF = 474.8000 INCHES YMRP = .0000 IN. Y0  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 97/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.216	-.16268	.11951	.01631	-.15572	.12845	-1.21236	.00388	-.00379	.00857	-.01520
4.600	-1.231	-.12173	.11095	.01571	-.11932	.11354	-1.05086	.00395	-.00339	.00772	-.01384
4.600	.790	-.07715	.10400	.01446	-.07857	.10293	-.76340	.00407	-.00310	.00708	-.01238
4.600	2.794	-.03515	.09917	.01486	-.03994	.09734	-.41036	.00430	-.00289	.00709	-.01181
4.600	4.807	.00802	.09469	.01628	.00006	.09503	.00063	.00461	-.00292	.00689	-.01182
4.600	6.774	.05429	.09032	.01850	.04326	.09609	.45017	.00509	-.00311	.00716	-.01199
4.600	8.809	.10481	.08649	.02027	.09033	.10153	.88968	.00556	-.00279	.00649	-.00995
4.600	12.832	.21322	.07756	.01506	.19067	.12298	1.55040	.00610	-.00212	.00437	-.00661
4.600	16.884	.33816	.07219	.01100	.30262	.16729	1.80897	.00632	-.00166	.00313	-.00462
4.600	20.913	.47805	.06853	.00953	.42208	.23470	1.79834	.00645	-.00078	.00187	-.00278
4.600	24.994	.63114	.06297	.00541	.54543	.32374	1.68479	.00648	-.00016	.00112	-.00147
4.600	29.048	.79263	.06098	.00215	.66332	.43816	1.51386	.00645	-.00031	.00114	-.00238
4.600	33.092	.96316	.05886	-.00193	.77480	.57519	1.34704	.00639	-.00025	.00089	-.00252

## LA75 TABULATED SAOUCE DATA

PAGE 115

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH071)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AIRLON = 5.000 SPOBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 86/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.342	-.20980	.14141	.05106	-.19849	.15689	1.26520	.01033	-.00057	.00873	-.01436
2.860	-2.295	-.15181	.13721	.04789	-.14620	.14318	.02106	.01026	-.00063	.00811	-.01401
2.860	-.277	-.09375	.13256	.04453	-.09311	.13301	.70001	.01014	-.00044	.00722	-.01328
2.860	1.754	-.03705	.12844	.04261	-.04096	.12725	-.32192	.01026	-.00049	.00693	-.01268
2.860	3.782	.01989	.12364	.04135	.01169	.12468	.09376	.01092	-.00069	.00646	-.01191
2.860	5.825	.08160	.11739	.03822	.06926	.12506	.55380	.01173	-.00064	.00614	-.01159
2.860	7.864	.14723	.11241	.03627	.13047	.13150	.99217	.01218	-.00050	.00598	-.01082
2.860	11.906	.28529	.10433	.02883	.25763	.16095	1.60069	.01331	-.00001	.00522	-.00978
2.860	15.978	.43216	.09367	.01803	.38968	.20902	1.86438	.01440	.00061	.00375	-.00754
2.860	20.059	.58402	.08362	.00648	.51991	.27885	1.86447	.01468	.00160	.00264	-.00629
2.860	24.149	.74350	.07328	-.00325	.64845	.37104	1.74764	.01455	.00244	.00197	-.00580
2.860	28.255	.91441	.06331	-.01477	.77549	.48865	1.58700	.01408	.00342	.00082	-.00387
2.860	32.335	1.08901	.05359	-.02553	.89147	.62776	1.42009	.01376	.00389	.00069	-.00360

RUN NO. 92/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.652	-.17317	.12236	.02345	-.16502	.13314	-1.23946	.00553	-.00133	.00831	-.01113
3.900	-1.648	-.13102	.11606	.02368	-.12763	.11978	-1.06554	.00568	-.00119	.00765	-.01037
3.900	.384	-.08785	.10951	.02295	-.08858	.10892	-.81331	.00570	-.00089	.00693	-.00968
3.900	2.391	-.04294	.10515	.02254	-.04729	.10326	-.45792	.00578	-.00085	.00673	-.00871
3.900	4.427	.00335	.10123	.02357	-.00447	.10118	-.04419	.00647	-.00100	.00658	-.00817
3.900	6.440	.05259	.09693	.02350	.04139	.10221	.40491	.00662	-.00120	.00652	-.00820
3.900	8.211	.09822	.09476	.02461	.08368	.10782	.77609	.00719	-.00111	.00638	-.00799
3.900	12.491	.21559	.08715	.02055	.19164	.13172	1.45491	.00803	-.00044	.00515	-.00552
3.900	16.566	.34681	.07998	.01548	.30961	.17554	1.76373	.00833	.00081	.00323	-.00282
3.900	20.611	.48540	.07360	.01073	.42842	.23976	1.78685	.00843	.00195	.00203	-.00105
3.900	24.668	.64073	.06755	.00517	.55406	.32880	1.68508	.00843	.00300	.00124	.00031
3.900	28.755	.80797	.06291	-.00099	.67807	.44384	1.52772	.00833	.00392	.00070	.00030
3.900	32.817	.98356	.05819	-.00897	.79505	.58195	1.36619	.00828	.00493	.00012	.00139



## LA75 TABULATED SAQUCE DATA

PAGE 116

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH071)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 98/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.258	-.16351	.12024	.01691	-.15642	.12934	-1.20934	.00388	-.00169	.00936	-.01573
4.600	-1.245	-.12153	.11149	.01612	-.11907	.11410	-1.04359	.00398	-.00149	.00831	-.01391
4.600	.775	-.07784	.10453	.01488	-.07925	.10346	-.76598	.00410	-.00148	.00746	-.01251
4.600	2.792	-.03603	.09954	.01513	-.04083	.09766	-.41809	.00439	-.00146	.00736	-.01241
4.600	4.788	.00696	.09480	.01668	-.00097	.09505	-.01024	.00487	-.00163	.00705	-.01202
4.600	6.793	.05449	.09052	.01859	.04340	.09633	.45054	.00518	-.00182	.00733	-.01213
4.600	8.811	.10493	.08663	.01992	.09042	.10168	.88925	.00572	-.00152	.00666	-.01005
4.600	12.853	.21421	.07766	.01453	.19157	.12336	1.55287	.00613	-.00058	.00445	-.00659
4.600	16.901	.34086	.07251	.01032	.30505	.16847	1.81075	.00629	.00019	.00305	-.00445
4.600	20.947	.48044	.06897	.00859	.42403	.23617	1.79544	.00642	.00157	.00171	-.00200
4.600	24.964	.63172	.06353	.00413	.54589	.32421	1.68373	.00648	.00277	.00071	-.00094
4.600	29.036	.79470	.06156	.00072	.66494	.43953	1.51283	.00651	.00328	.00076	-.00123
4.600	33.111	.95652	.05959	-.00363	.77702	.57788	1.34460	.00648	.00399	.00045	-.00115

LA75 TABULATED SAOUCE DATA

PAGE 117

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH072)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 836.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AIRLON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 87/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.337	-.21184	.14430	.05301	-.20033	.15990	-1.25281	.00975	-.00378	.01565	-.08004
2.860	-2.297	-.15367	.14001	.04896	-.14793	.14605	-1.01284	.01020	-.00386	.01461	-.07634
2.860	-.277	-.09571	.13560	.04606	-.09505	.13606	-.69858	.01052	-.00396	.01307	-.07158
2.860	1.734	-.03899	.13078	.04353	-.04293	.12954	-.33139	.01084	-.00401	.01156	-.06734
2.860	3.797	.01936	.12577	.04224	.01101	.12677	.08686	.01111	-.00421	.01018	-.06368
2.860	5.818	.07968	.12071	.04027	.06703	.12817	.52300	.01155	-.00439	.00931	-.06140
2.860	7.844	.14499	.11543	.03786	.12788	.13414	.95333	.01201	-.00446	.00838	-.05917
2.860	11.916	.28304	.10540	.02993	.25518	.16157	1.57932	.01363	-.00432	.00496	-.05215
2.860	16.005	.43199	.09289	.01718	.38963	.20839	1.86970	.01412	-.00386	.00104	-.04614
2.860	20.088	.58650	.07923	.00069	.52361	.27585	1.89816	.01446	-.00174	-.00441	-.03802
2.860	24.179	.74549	.06994	-.00787	.65144	.36916	1.76467	.01453	-.00020	-.00791	-.03280
2.860	28.221	.91235	.06154	-.01712	.77480	.48565	1.59537	.01442	.00009	-.00930	-.03102
2.860	32.343	1.08984	.05460	-.02407	.89154	.62918	1.41699	.01417	-.00168	-.00653	-.03684

RUN NO. 93/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-3.651	-.17683	.12618	.02811	-.16844	.13719	-1.22782	.00523	-.00253	.01325	-.06583
3.900	-1.639	-.13514	.12061	.02838	-.13163	.12443	-1.05789	.00528	-.00308	.01238	-.06311
3.900	.364	-.09129	.11536	.02878	-.09202	.11478	-.80174	.00553	-.00345	.01153	-.05999
3.900	2.422	-.04368	.10989	.02716	-.04829	.10795	-.44731	.00563	-.00388	.01068	-.05664
3.900	4.428	.00197	.10525	.02762	-.00617	.10509	-.05868	.00608	-.00449	.01004	-.05470
3.900	6.425	.04977	.10154	.02801	.03809	.10647	.35778	.00660	-.00497	.00956	-.05305
3.900	8.448	.10183	.09792	.02764	.08634	.11181	.77216	.00722	-.00517	.00912	-.05151
3.900	12.498	.21608	.08915	.02227	.19167	.13379	1.43255	.00761	-.00494	.00649	-.04677
3.900	16.549	.34697	.08022	.01545	.30975	.17572	1.76274	.00803	-.00363	.00211	-.03928
3.900	20.587	.48761	.07099	.00590	.43151	.23791	1.81378	.00836	-.00149	-.00292	-.03083
3.900	24.685	.64248	.06708	.00286	.55575	.32927	1.68785	.00841	-.00066	-.00497	-.02786
3.900	28.748	.80916	.06323	-.00285	.67901	.44461	1.52720	.00843	-.00002	-.00599	-.02615
3.900	32.837	.98461	.05966	-.00755	.79493	.58403	1.36112	.00841	-.00176	-.00344	-.03112

## LA75 TABULATED SAOUCE DATA

PAGE 118

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH072)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 99/ 0 RN/L = .00

MACH	ALPHA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-3.261	-.16708	.12406	.02203	-.15975	.13336	-1.19787	.00344	-.00273	.01351	-.06797
4.600	-1.256	-.12592	.11708	.02288	-.12333	.11981	-1.02933	.00366	-.00316	.01268	-.06384
4.600	.772	-.08177	.11025	.02134	-.08325	.10914	-.76279	.00392	-.00367	.01159	-.06026
4.600	2.752	-.03940	.10416	.02037	-.04336	.10219	-.42430	.00420	-.00436	.01106	-.05832
4.600	4.785	.00497	.09974	.02195	-.00336	.09981	-.03370	.00474	-.00520	.01071	-.05676
4.600	6.813	.05304	.09541	.02340	.04135	.10103	.40927	.00521	-.00588	.01036	-.05459
4.600	8.825	.10401	.09026	.02264	.08893	.10515	.84578	.00550	-.00607	.00958	-.05237
4.600	12.868	.21411	.08140	.01854	.19060	.12704	1.50037	.00582	-.00561	.00616	-.04631
4.600	16.918	.34112	.07185	.00986	.30545	.16801	1.81811	.00601	-.00376	.00070	-.03604
4.600	20.927	.48103	.06799	.00694	.42502	.23532	1.80610	.00623	-.00264	-.00191	-.03153
4.600	25.006	.63390	.06577	.00476	.54668	.32757	1.66892	.00629	-.00224	-.00299	-.02906
4.600	28.999	.79212	.06280	.00040	.66237	.43894	1.50904	.00635	-.00143	-.00449	-.02721
4.600	33.099	.96548	.06063	-.00251	.77571	.57802	1.34201	.00639	-.00269	-.00314	-.03068

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH073)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 7/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.068	.12493	.08385	-.02381	.11583	.09603	1.20618	.01339	.00639	-.00155	.09425
2.860	-4.032	.12231	.08458	-.02004	.11318	.09646	1.17334	.01321	.00394	-.00014	.05984
2.860	-2.019	.12048	.08402	-.01916	.11144	.09569	1.16454	.01326	.00179	.00048	.02787
2.860	-.990	.12162	.08401	-.01887	.11253	.09586	1.17387	.01332	.00063	.00050	.01208
2.860	-.018	.12118	.08397	-.01893	.11209	.09577	1.17038	.01326	.00002	.00008	-.00215
2.860	.954	.12083	.08397	-.01932	.11174	.09573	1.16728	.01324	-.00066	-.00011	-.01586
2.860	1.965	.12196	.08403	-.01965	.11286	.09591	1.17668	.01330	-.00178	.00026	-.03133
2.860	4.064	.12406	.08464	-.02142	.11485	.09676	1.18697	.01330	-.00396	.00092	-.06451
2.860	5.082	.12637	.08383	-.02507	.11721	.09621	1.21824	.01358	-.00628	.00276	-.09962
2.860	8.100	.12781	.08370	-.02697	.11866	.09623	1.23319	.01377	-.00852	.00466	-.13620

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH074)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO.		8/ 0	RN/L = .00								
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.049	.32457	.07638	-.02951	.30188	.14159	2.13202	.01467	.00909	.00145	.08597
2.860	-4.051	.32424	.07658	-.02756	.30150	.14175	2.12692	.01454	.00538	.00275	.05206
2.860	-2.000	.32388	.07648	-.02592	.30118	.14154	2.12786	.01433	.00270	.01186	.02355
2.860	-1.028	.32442	.07642	-.02559	.30174	.14158	2.13125	.01416	.00146	.00105	.01105
2.860	.001	.32547	.07660	-.02530	.30271	.14199	2.13197	.01426	.00033	.00024	-.00194
2.860	.974	.32498	.07638	-.02556	.30231	.14163	2.13455	.01422	-.00095	-.00045	-.01575
2.860	2.004	.32545	.07653	-.02571	.30273	.14189	2.13356	.01435	-.00233	-.00104	-.02933
2.860	4.025	.32588	.07667	-.02721	.30310	.14216	2.13213	.01448	-.00528	-.00149	-.05806
2.860	6.044	.32797	.07656	-.02947	.30516	.14249	2.14168	.01461	-.00890	-.00045	-.09140
2.860	8.081	.32707	.07621	-.03115	.30434	.14197	2.14370	.01476	-.01150	-.00075	-.12297

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH075)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO.		9/ 0	RN/L = .00								
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.032	.62149	.06549	-.04437	.56144	.27446	2.04562	.01432	.01085	.00793	.07526
2.860	-4.033	.62122	.06586	-.04415	.56127	.27428	2.04635	.01451	.00679	.00653	.04555
2.860	-2.019	.62421	.06609	-.04250	.56388	.27577	2.04479	.01442	.00302	.00426	.01863
2.860	-1.028	.62582	.06610	-.04235	.56523	.27665	2.04315	.01427	.00173	.00221	.00847
2.860	-.017	.62558	.06619	-.04215	.56500	.27659	2.04275	.01431	.00022	-.00013	-.00308
2.860	1.013	.62614	.06615	-.04222	.56548	.27686	2.04249	.01436	-.00116	-.00219	-.01298
2.860	2.024	.62548	.06619	-.04263	.56491	.27655	2.04269	.01438	-.00273	-.00412	-.02508
2.860	4.028	.62735	.06566	-.04376	.56681	.27678	2.04786	.01449	-.00681	-.00592	-.05289
2.860	6.085	.62616	.06541	-.04380	.56575	.27619	2.04841	.01436	-.01100	-.00722	-.08097
2.860	8.085	.62556	.06633	-.04360	.56494	.27670	2.04170	.01466	-.01512	-.00879	-.11145

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH076)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 283/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.62384	.06466	-.04500	.56360	.27518	2.04811	.01481	.00946	.01005	.07271
2.860	-4.034	.62414	.06560	-.04390	.56375	.27574	2.04450	.01496	.00519	.00904	.04282
2.860	-2.002	.62339	.06640	-.04160	.56286	.27605	2.03897	.01496	.00121	.00709	.01538
2.860	-1.010	.62289	.06659	-.04129	.56238	.27598	2.03776	.01491	-.00022	.00498	.00406
2.860	-.018	.62229	.06635	-.04127	.56193	.27546	2.03996	.01493	-.00170	.00258	-.00693
2.860	.993	.62398	.06641	-.04132	.56350	.27611	2.04088	.01476	-.00326	.00057	-.01768
2.860	1.984	.62339	.06636	-.04173	.56297	.27582	2.04110	.01472	-.00473	-.00125	-.02817
2.860	4.026	.62332	.06590	-.04251	.56297	.27555	2.04307	.01491	-.00857	-.00339	-.05569
2.860	6.065	.62213	.06608	-.04130	.56182	.27525	2.04110	.01487	-.01254	-.00487	-.08419
2.860	8.084	.62160	.06709	-.04124	.56103	.27592	2.03334	.01519	-.01655	-.00671	-.11399

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH077)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 10/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.072	1.13024	.05378	-.06756	.92617	.65004	1.42479	.01440	.01371	.01313	.06663
2.860	-4.034	1.13233	.05356	-.06756	.92828	.65063	1.42675	.01447	.00842	.00940	.04171
2.860	-2.001	1.13505	.05334	-.06755	.93090	.65162	1.42859	.01448	.00416	.00500	.01870
2.860	-1.009	1.13517	.05301	-.06780	.93124	.65131	1.42980	.01459	.00245	.00253	.00828
2.860	.001	1.13893	.05283	-.06807	.93436	.65339	1.43001	.01445	.00017	.00015	-.00278
2.860	.995	1.13743	.05311	-.06779	.93298	.65277	1.42926	.01444	-.00157	-.00250	-.01352
2.860	1.987	1.13796	.05342	-.06719	.93326	.65333	1.42847	.01451	-.00375	-.00471	-.02500
2.860	4.029	1.13771	.05372	-.06630	.93260	.65386	1.42630	.01449	-.00825	-.00918	-.04819
2.860	6.050	1.13545	.05414	-.06620	.93055	.65288	1.42529	.01446	-.01368	-.01260	-.07307
2.860	8.069	1.13171	.05498	-.06527	.92721	.65122	1.42380	.01453	-.01910	-.01642	-.09765

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH078)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 14/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.050	.11253	.08508	-.01172	.10338	.09599	1.07700	.01331	.00827	-.00112	.09469
2.860	-4.051	.11183	.08576	-.00766	.10258	.09663	1.06168	.01303	.00600	-.00037	.05896
2.860	-2.020	.11008	.08488	-.00637	.10094	.09557	1.05620	.01296	.00398	-.00099	.02690
2.860	-1.009	.10932	.08527	-.00618	.10016	.09587	1.04469	.01305	.00316	-.00114	.01196
2.860	.000	.10871	.08532	-.00611	.09954	.09586	1.03841	.01307	.00251	-.00082	-.00152
2.860	.993	.10858	.08521	-.00640	.09942	.09574	1.03848	.01316	.00197	-.00065	-.01680
2.860	2.022	.10845	.08546	-.00677	.09926	.09598	1.03419	.01322	.00099	-.00115	-.03309
2.860	4.063	.10994	.08641	-.00744	.10062	.09711	1.03618	.01327	-.00082	-.00199	-.06562
2.860	6.081	.11185	.08577	-.01022	.10253	.09672	1.06015	.01358	-.00265	.00395	-.09956
2.860	8.099	.11115	.08604	-.01152	.10189	.09684	1.05209	.01373	-.00460	.00593	-.13760

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH079)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 13/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.068	.31233	.07630	-.01547	.28988	.13908	2.08425	.01459	.01107	.00170	.08617
2.860	-4.012	.31167	.07653	-.01321	.28922	.13909	2.07943	.01455	.00749	.00300	.05167
2.860	-1.963	.31152	.07647	-.01130	.28909	.13898	2.08003	.01435	.00506	.00229	.02449
2.860	-1.009	.31057	.07649	-.01058	.28817	.13879	2.07632	.01412	.00401	.00137	.01090
2.860	.000	.31013	.07660	-.01009	.28770	.13883	2.07240	.01409	.00295	.00056	-.00159
2.860	.954	.31013	.07643	-.01019	.28776	.13863	2.07575	.01401	.00175	-.00013	-.01540
2.860	1.984	.30986	.07693	-.01010	.28739	.13505	2.06674	.01414	.00066	-.00065	-.02871
2.860	4.043	.30998	.07715	-.01122	.28743	.13937	2.06230	.01440	-.00190	-.00109	-.05715
2.860	6.082	.31032	.07737	-.01270	.28773	.13964	2.06047	.01450	-.00541	.00020	-.09221
2.860	8.118	.31076	.07711	-.01387	.28818	.13952	2.06550	.01474	-.00762	-.00015	-.12246

## LA75 TABULATED SAOUCE DATA

PAGE 122

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH080)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AIRLON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 12/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.051	.59942	.06349	-.02544	.54129	.26524	2.04078	.01457	.01322	.00772	.07604
2.860	-4.033	.59924	.06380	-.02438	.54121	.26505	2.04196	.01470	.00951	.00634	.04611
2.860	-1.962	.59934	.06440	-.02224	.54121	.26542	2.03905	.01466	.00608	.00408	.01860
2.860	-1.009	.60137	.06436	-.02175	.54282	.26670	2.03531	.01459	.00493	.00215	.00816
2.860	-.017	.60158	.06439	-.02128	.54305	.26673	2.03594	.01463	.00356	-.00007	-.00258
2.860	.956	.60030	.06438	-.02105	.54185	.26627	2.03494	.01461	.00230	-.00224	-.01331
2.860	2.024	.60149	.06445	-.02124	.54291	.26681	2.03486	.01459	.00091	-.00411	-.02456
2.860	4.027	.60125	.06434	-.02190	.54271	.26667	2.03513	.01476	-.00268	-.00589	-.05153
2.860	6.047	.59892	.06417	-.02151	.54058	.26570	2.03454	.01442	-.00650	-.00710	-.08177
2.860	8.104	.59758	.06538	-.02065	.53890	.26638	2.02306	.01457	-.01028	-.00866	-.11172

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH081)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AIRLON = 5.000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .001

RUN NO. 282/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.59480	.06265	-.02488	.53731	.26270	2.04528	.01483	.01190	.00942	.07335
2.860	-4.034	.59436	.06350	-.02351	.53674	.26307	2.04026	.01495	.00785	.00865	.04288
2.860	-2.002	.59500	.06442	-.02076	.53697	.26429	2.03176	.01500	.00423	.00690	.01575
2.860	-1.010	.59512	.06450	-.02002	.53714	.26423	2.03287	.01506	.00299	.00479	.00444
2.860	-.019	.59538	.06445	-.01982	.53742	.26421	2.03402	.01509	.00163	.00251	-.00628
2.860	.974	.59391	.06454	-.01951	.53603	.26376	2.03223	.01498	.00034	.00046	-.01707
2.860	1.985	.59341	.06450	-.01984	.53557	.26355	2.03217	.01485	-.00106	-.00142	-.02805
2.860	4.026	.59344	.06419	-.02002	.53560	.26348	2.03278	.01498	-.00452	-.00343	-.05556
2.860	6.084	.59132	.06447	-.01859	.53352	.26299	2.02872	.01480	-.00824	-.00476	-.08509
2.860	8.084	.58944	.06562	-.01728	.53139	.26337	2.01767	.01496	-.01174	-.00667	-.11392

## LA75 TABULATED SAUCE DATA

PAGE 123

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH082)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 11/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	1.08790	.04931	-.03642	.89318	.62304	1.43358	.01429	.01742	.01233	.06780
2.860	-4.053	1.09299	.04919	-.03616	.89745	.62580	1.43407	.01434	.01273	.00862	.04327
2.860	-2.001	1.09409	.04884	-.03597	.89876	.62582	1.43611	.01427	.00859	.00412	.01973
2.860	-1.008	1.09521	.04851	-.03567	.89990	.62611	1.43728	.01427	.00680	.00188	.00841
2.860	-.016	1.09482	.04842	-.03550	.89946	.62607	1.43667	.01416	.00509	-.00077	-.00259
2.860	.976	1.09568	.04883	-.03461	.89995	.62688	1.43560	.01414	.00327	-.00308	-.01345
2.860	1.988	1.09434	.04920	-.03411	.89873	.62633	1.43491	.01419	.00132	-.00522	-.02464
2.860	4.030	1.09302	.04948	-.03317	.89726	.62614	1.43299	.01434	-.00288	-.00962	-.04862
2.860	6.069	1.09094	.04996	-.03217	.89494	.62587	1.42992	.01433	-.00782	-.01284	-.07318
2.860	8.106	1.08710	.05097	-.03146	.89148	.62422	1.42815	.01457	-.01304	-.01647	-.09768

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH083)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 107/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.049	.51416	.07111	-.03485	.46996	.22035	2.13282	.01393	.01151	.00392	.08061
2.860	-4.031	.51512	.07205	-.03487	.47070	.22133	2.12673	.01437	.00731	.00403	.04940
2.860	-2.000	.51390	.07265	-.03286	.46945	.22133	2.12105	.01464	.00354	.00262	.02166
2.860	-1.008	.51466	.07213	-.03266	.47034	.22104	2.12781	.01466	.00172	.00130	.00989
2.860	-.017	.51513	.07224	-.03241	.47081	.22115	2.12889	.01469	.00013	-.00029	-.00235
2.860	.975	.51486	.07230	-.03270	.47055	.22111	2.12814	.01479	-.00155	-.00178	-.01373
2.860	2.005	.51481	.07257	-.03286	.47040	.22140	2.12472	.01468	-.00320	-.00297	-.02574
2.860	4.026	.51566	.07181	-.03449	.47138	.22105	2.13247	.01443	-.00718	-.00377	-.05501
2.860	6.065	.51538	.07178	-.03484	.47110	.22099	2.13181	.01415	-.01148	-.00348	-.08737
2.860	8.083	.51460	.07215	-.03535	.47021	.22117	2.12607	.01455	-.01512	-.00473	-.11743



## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

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## REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.7000	IN. XO
LREF =	474.8000	INCHES	YMRP =	.0000	IN. YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO
SCALE =	.0150				

(RJH083)

## PARAMETRIC DATA

ALPHA =	20.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	39.700
RUDDER =	.000	BDFLAP =	.000

RUN NO. 113/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	.51555	.06511	.06511	-.02346	.45943	1.89204	.00850	.00999	.00676	.06646
3.900	-4.021	.51573	.06455	.06455	-.02244	.45992	1.89966	.00860	.00656	.00536	.04070
3.900	-1.995	.51636	.06527	.06527	-.02141	.46034	1.89563	.00857	.00332	.00380	.01678
3.900	-1.006	.51726	.06519	.06519	-.02118	.46122	1.89755	.00852	.00183	.00222	.00677
3.900	-.018	.51823	.06520	.06520	-.02128	.46216	1.89899	.00850	.00043	.00072	-.00389
3.900	.991	.51805	.06555	.06555	-.02141	.46187	1.89594	.00855	-.00102	-.00086	-.01350
3.900	1.979	.51866	.06565	.06565	-.02205	.46235	1.89464	.00850	-.00218	-.00220	-.02266
3.900	4.015	.51926	.06541	.06541	-.02284	.46305	1.89827	.00857	-.00595	-.00361	-.04793
3.900	6.067	.51870	.06609	.06609	-.02280	.46222	1.89062	.00862	-.00923	-.00470	-.07217
3.900	8.061	.51891	.06699	.06699	-.02288	.46214	1.88375	.00875	-.01286	-.00649	-.09776

RUN NO. 120/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.025	.50583	.06486	.06486	-.01640	.44908	1.85823	.00682	.00914	.00853	.05766
4.600	-4.016	.50692	.06406	.06406	-.01683	.45045	1.86781	.00682	.00580	.00634	.03518
4.600	-1.992	.50702	.06397	.06397	-.01572	.45053	1.86957	.00679	.00230	.00431	.01299
4.600	-1.005	.50643	.06406	.06406	-.01648	.45005	1.86816	.00676	.00096	.00306	.00380
4.600	-.018	.50567	.06401	.06401	-.01654	.44941	1.86892	.00666	-.00047	.00152	-.00578
4.600	.970	.50583	.06394	.06394	-.01692	.44959	1.86974	.00663	-.00180	.00008	-.01486
4.600	1.977	.50633	.06372	.06372	-.01701	.45010	1.87153	.00666	-.00319	-.00117	-.02444
4.600	4.048	.50765	.06441	.06441	-.01788	.45127	1.87044	.00673	-.00674	-.00299	-.04696
4.600	6.039	.50675	.06553	.06553	-.01758	.44984	1.85625	.00679	-.00977	-.00480	-.06772
4.600	8.030	.50543	.06659	.06659	-.01759	.44828	1.84656	.00685	-.01290	-.00680	-.09116

## LA75 TABULATED SAUCE DATA

PAGE 125

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM084)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 106/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.049	.48840	.06979	-.01726	.44577	.21140	2.10871	.01413	.01366	.00353	.08268
2.860	-4.032	.48976	.07034	-.01648	.44607	.21179	2.10612	.01455	.00975	.00371	.05077
2.860	-2.000	.48849	.07095	-.01397	.44573	.21210	2.10150	.01485	.00626	.00248	.02252
2.860	-1.009	.48857	.07056	-.01355	.44595	.21169	2.10664	.01494	.00475	.00124	.01051
2.860	-.017	.48794	.07080	-.01309	.44530	.21168	2.10360	.01479	.00325	-.00047	-.00145
2.860	.975	.48796	.07103	-.01305	.44527	.21186	2.10172	.01484	.00181	-.00195	-.01285
2.860	2.004	.48802	.07126	-.01302	.44527	.21208	2.09957	.01473	.00033	-.00313	-.02507
2.860	4.026	.48715	.07065	-.01396	.44457	.21134	2.10357	.01454	-.00323	-.00374	-.05412
2.860	6.064	.48617	.07055	-.01353	.44363	.21102	2.10228	.01413	-.00735	-.00321	-.08655
2.860	8.083	.48465	.07133	-.01381	.44193	.21135	2.09101	.01436	-.01048	-.00455	-.11708

RUN NO. 114/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.034	.49443	.06381	-.00763	.44018	.23404	1.88082	.00865	.01190	.00661	.06675
3.900	-4.041	.49471	.06345	-.00670	.44072	.23351	1.88735	.00867	.00865	.00521	.04139
3.900	-1.976	.49428	.06417	-.00518	.44011	.23395	1.88123	.00865	.00553	.00358	.01675
3.900	-1.025	.49504	.06394	-.00483	.44094	.23392	1.88500	.00867	.00427	.00216	.00710
3.900	-.018	.49484	.06403	-.00489	.44075	.23389	1.88445	.00865	.00291	.00059	-.00321
3.900	.990	.49431	.06432	-.00479	.44012	.23404	1.88050	.00867	.00167	-.00069	-.01214
3.900	1.979	.49532	.06443	-.00520	.44104	.23448	1.88090	.00870	.00035	-.00226	-.02238
3.900	4.015	.49539	.06427	-.00596	.44119	.23429	1.88313	.00870	-.00305	-.00357	-.04759
3.900	6.067	.49538	.06494	-.00571	.44089	.23502	1.87599	.00870	-.00622	-.00473	-.07214
3.900	8.060	.49353	.06577	-.00551	.43892	.23503	1.86750	.00877	-.00963	-.00651	-.09744

RUN NO. 119/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.025	.48503	.06379	-.00235	.43022	.23288	1.84737	.00660	.01081	.00836	.05825
4.600	-4.016	.48514	.06293	-.00214	.43068	.23204	1.85603	.00666	.00770	.00607	.03575
4.600	-2.107	.48581	.06312	-.00200	.43126	.23242	1.85552	.00666	.00468	.00435	.01456
4.600	-1.005	.48449	.06335	-.00158	.42998	.23209	1.85262	.00570	.00309	.00291	.00350
4.600	-.018	.48532	.06318	-.00153	.43072	.23240	1.85335	.00670	.00191	.00128	-.00509
4.600	.951	.48605	.06294	-.00178	.43149	.23242	1.85657	.00670	.00059	.00003	-.01465
4.600	1.996	.48600	.06280	-.00200	.43148	.23231	1.85735	.00673	-.00068	-.00131	-.02373
4.600	4.028	.48572	.06311	-.00241	.43114	.23243	1.85489	.00676	-.00395	-.00303	-.04540
4.600	6.039	.48551	.06467	-.00211	.43039	.23379	1.84092	.00676	-.00707	-.00512	-.06791
4.600	8.030	.48391	.06554	-.00167	.42859	.23404	1.83130	.00682	-.00984	-.00691	-.09090

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM085)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 126/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.62181	.06600	-.04288	.56147	.27523	2.03998	.01464	.00976	.00950	.07245
2.860	-4.034	.62353	.06720	-.04110	.56270	.27691	2.03205	.01509	.00513	.00894	.04130
2.860	-2.002	.62210	.06888	-.03773	.56078	.27799	2.01731	.01510	.00091	.00755	.01331
2.860	-1.010	.62325	.06873	-.03760	.56191	.27825	2.01945	.01508	-.00048	.00561	.00256
2.860	-.019	.62409	.06842	-.03745	.56265	.27856	2.01981	.01495	-.00193	.00315	-.00839
2.860	.973	.62501	.06850	-.03730	.56355	.27882	2.02120	.01491	-.00360	.00126	-.01895
2.860	1.966	.62329	.06812	-.03811	.56219	.27763	2.02493	.01495	-.00482	-.00101	-.02955
2.860	4.027	.62433	.06759	-.03957	.56326	.27765	2.02869	.01504	-.00879	-.00327	-.05726
2.860	6.065	.62476	.06776	-.03926	.56350	.27817	2.02575	.01483	-.01310	-.00462	-.08616
2.860	8.066	.62318	.06892	-.03857	.56173	.27851	2.01693	.01519	-.01710	-.00619	-.11641

RUN NO. 132/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.054	.51306	.06233	-.02328	.45826	.23899	1.91751	.00937	.00941	.00755	.06733
3.900	-4.023	.51504	.06263	-.02200	.46008	.23981	1.91852	.00939	.00596	.00622	.04156
3.900	-1.997	.51546	.06414	-.01989	.45987	.24152	1.90408	.00937	.00234	.00525	.01630
3.900	-1.008	.51496	.06398	-.01962	.45949	.24113	1.90563	.00927	.00099	.00359	.00667
3.900	-.020	.51578	.06396	-.01950	.46030	.24136	1.90712	.00925	-.00057	.00216	-.00372
3.900	.970	.51517	.06403	-.01998	.45966	.24122	1.90565	.00929	-.00189	.00036	-.01322
3.900	1.978	.51717	.06378	-.02045	.46166	.24167	1.91025	.00939	-.00328	-.00121	-.02275
3.900	4.014	.51672	.06408	-.02091	.46115	.24176	1.90742	.00939	-.00653	-.00299	-.04647
3.900	6.046	.51567	.06514	-.02036	.45977	.24241	1.89665	.00954	-.00991	-.00417	-.07113
3.900	8.078	.51498	.06632	-.01981	.45869	.24332	1.88517	.00959	-.01340	-.00603	-.09604

RUN NO. 138/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.026	.50429	.06185	-.01703	.44885	.23805	1.88551	.00771	.00893	.00831	.05875
4.600	-3.997	.50444	.06164	-.01664	.44912	.23780	1.88866	.00765	.00565	.00620	.03616
4.600	-1.993	.50581	.06233	-.01563	.45009	.23905	1.88288	.00758	.00209	.00457	.01342
4.600	-1.006	.50614	.06224	-.01542	.45046	.23904	1.88443	.00761	.00056	.00340	.00421
4.600	.000	.50546	.06191	-.01548	.44993	.23851	1.88644	.00768	-.00074	.00177	-.00486
4.600	.969	.50554	.06152	-.01586	.45018	.23910	1.89067	.00774	-.00202	.00014	-.01342
4.600	1.995	.50538	.06126	-.01638	.45013	.23778	1.89309	.00777	-.00348	-.00129	-.02383
4.600	4.009	.50559	.06235	-.01615	.44999	.23878	1.88452	.00777	-.00681	-.00301	-.04550
4.600	6.039	.50445	.06418	-.01550	.44825	.24013	1.86666	.00780	-.00997	-.00512	-.06710
4.600	8.048	.50363	.06557	-.01491	.44698	.24115	1.85348	.00780	-.01307	-.00691	-.09037

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH086)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 125/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.070	.59435	.06399	-.02322	.53639	.26387	2.03278	.01481	.01234	.00894	.07377
2.860	-4.014	.59591	.06520	-.02081	.53740	.26562	2.02319	.01513	.00789	.00856	.04170
2.860	-2.001	.59447	.06684	-.01690	.53557	.26650	2.00965	.01528	.00406	.00720	.01322
2.860	-.991	.59474	.06680	-.01626	.53589	.26646	2.01116	.01538	.00278	.00514	.00218
2.860	-.018	.59534	.06656	-.01592	.53652	.26647	2.01347	.01543	.00147	.00292	-.00855
2.860	.974	.59468	.06663	-.01547	.53580	.26647	2.01074	.01526	.00015	.00092	-.01909
2.860	2.023	.59576	.06623	-.01629	.53691	.26654	2.01437	.01515	-.00104	-.00140	-.02959
2.860	4.045	.59685	.06614	-.01726	.53789	.26697	2.01482	.01525	-.00454	-.00335	-.05678
2.860	6.084	.59346	.06618	-.01638	.53480	.26564	2.01322	.01483	-.00841	-.00457	-.08655
2.860	8.065	.59095	.06784	-.01492	.53190	.26628	1.99750	.01495	-.01206	-.00601	-.11621

RUN NO. 131/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.054	.49132	.06098	-.00827	.43846	.22993	1.90694	.00932	.01129	.00709	.06809
3.900	-4.023	.49160	.06126	-.00648	.43871	.23012	1.90641	.00937	.00792	.00591	.04189
3.900	-1.978	.49360	.06283	-.00347	.43998	.23240	1.89317	.00939	.00438	.00494	.01656
3.900	-1.008	.49368	.06264	-.00354	.44015	.23219	1.89563	.00942	.00345	.00331	.00743
3.900	-.019	.49370	.06265	-.00316	.43981	.23225	1.89365	.00934	.00189	.00188	-.00335
3.900	.950	.49393	.06283	-.00310	.44025	.23259	1.89283	.00939	.00066	.00030	-.01222
3.900	1.973	.49526	.06278	-.00377	.44151	.23301	1.89479	.00939	-.00069	-.00126	-.02241
3.900	4.052	.49426	.06299	-.00398	.44051	.23283	1.89202	.00942	-.00372	-.00303	-.04648
3.900	6.046	.49347	.06422	-.00320	.43930	.23377	1.87918	.00939	-.00682	-.00435	-.07071
3.900	8.078	.49249	.06538	-.00264	.43796	.23453	1.86742	.00949	-.01014	-.00605	-.09596

RUN NO. 137/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.045	.48497	.06055	-.00273	.43128	.22991	1.87587	.00769	.01058	.00812	.05922
4.600	-4.036	.48533	.06017	-.00191	.43181	.22958	1.88089	.00768	.00749	.00612	.03712
4.600	-2.012	.48493	.06102	-.00068	.43119	.23013	1.87364	.00768	.00412	.00449	.01397
4.600	-1.005	.48490	.06099	-.00046	.43108	.23027	1.87208	.00768	.00278	.00306	.00397
4.600	-.018	.48417	.06098	-.00022	.43041	.22997	1.87161	.00764	.00152	.00143	-.00509
4.600	.950	.48553	.06066	-.00049	.43181	.23012	1.87650	.00768	.00025	.00000	-.01365
4.600	1.935	.48498	.06057	-.00084	.43133	.22983	1.87677	.00764	-.00111	-.00133	-.02405
4.600	4.028	.48460	.06119	-.00077	.43076	.23028	1.87059	.00771	-.00421	-.00323	-.04511
4.600	6.039	.48414	.06326	-.00003	.42962	.23198	1.85196	.00771	-.00723	-.00532	-.06712
4.600	8.048	.48285	.06440	.00106	.42801	.23261	1.84004	.00777	-.00937	-.00711	-.08965

## LA75 TABULATED SAOUCE DATA

PAGE 128

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH087)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 274/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.024	.07971	.07575	-.01187	.07018	.08465	.82902	.00663	.00682	-.00177	.07789
4.600	-4.015	.07961	.07463	-.01096	.07024	.08351	.84104	.00657	.00435	-.00046	.04631
4.600	-1.991	.07962	.07338	-.00948	.07041	.08226	.85590	.00663	.00211	.00044	.01842
4.600	-1.004	.07949	.07293	-.00929	.07034	.08179	.85998	.00663	.00097	.00098	.00452
4.600	-.017	.07998	.07265	-.00896	.07086	.08157	.86869	.00663	-.00019	.00113	-.00844
4.600	.970	.07923	.07317	-.00938	.07007	.08199	.85459	.00663	-.00113	.00120	-.02024
4.600	1.996	.07969	.07359	-.00972	.07047	.08246	.85454	.00663	-.00230	.00165	-.03414
4.600	4.010	.08075	.07441	-.01098	.07142	.08341	.85624	.00663	-.00451	.00258	-.06214
4.600	6.040	.08116	.07550	-.01130	.07158	.08455	.84777	.00663	-.00678	.00379	-.09114
4.600	8.049	.08149	.07693	-.01113	.07183	.08602	.83507	.00670	-.00869	.00414	-.11959

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH088)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 275/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.023	.23857	.06922	-.01028	.21713	.12067	1.79935	.00679	.00855	.00090	.06776
4.600	-4.014	.23762	.06737	-.01046	.21664	.11862	1.82639	.00679	.00558	.00090	.04000
4.600	-1.972	.23964	.06695	-.01016	.21873	.11860	1.84417	.00682	.00236	.00174	.01386
4.600	-1.003	.23860	.06718	-.00960	.21767	.11858	1.83562	.00679	.00107	.00138	.00180
4.600	-.017	.23886	.06699	-.00924	.21798	.11842	1.84082	.00682	-.00005	.00062	-.00697
4.600	.971	.23914	.06704	-.00932	.21825	.11852	1.84142	.00679	-.00134	.00027	-.01849
4.600	2.110	.23908	.06691	-.01014	.21822	.11839	1.84328	.00679	-.00283	.00023	-.03225
4.600	4.009	.24016	.06774	-.01010	.21909	.11945	1.83422	.00679	-.00595	.00097	-.05740
4.600	6.039	.24008	.06894	-.00998	.21872	.12062	1.81322	.00686	-.00861	.00086	-.08283
4.600	8.049	.23867	.07030	-.00935	.21701	.12169	1.78335	.00685	-.01080	-.00030	-.10763

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH089)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 276/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.50643	.06575	-.01375	.44928	.24279	1.85047	.00686	.00976	.00715	.05640
4.600	-4.014	.50771	.06484	-.01449	.45085	.24231	1.85066	.00686	.00622	.00515	.03250
4.600	-1.991	.50653	.06498	-.01433	.44976	.24191	1.85923	.00682	.00275	.00342	.01025
4.600	-1.004	.50758	.06516	-.01413	.45070	.24238	1.85950	.00679	.00131	.00216	.00106
4.600	-.017	.50687	.06500	-.01332	.45014	.24191	1.86077	.00676	.00000	.00032	-.00811
4.600	.971	.50745	.06491	-.01442	.45073	.24200	1.86250	.00679	-.00131	-.00102	-.01665
4.600	1.978	.50817	.06485	-.01466	.45143	.24218	1.86401	.00682	-.00277	-.00236	-.02624
4.600	4.010	.50761	.06501	-.01511	.45087	.24210	1.86229	.00686	-.00665	-.00342	-.04950
4.600	6.059	.50794	.06636	-.01498	.45067	.24351	1.85072	.00692	-.00986	-.00515	-.07120
4.600	8.050	.50808	.06750	-.01458	.45039	.24465	1.84098	.00695	-.01285	-.00713	-.09464

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH090)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 254/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.069	.62504	.07000	-.03791	.56284	.28069	2.00517	.01446	.01181	.00598	.07738
2.860	-4.032	.62557	.07083	-.03665	.56323	.28129	2.00230	.01467	.00723	.00531	.04653
2.860	-2.000	.62337	.07219	-.03384	.56084	.28154	1.99204	.01452	.00328	.00335	.01928
2.860	-1.008	.62574	.07239	-.03352	.56300	.28252	1.99277	.01450	.00181	.00106	.00883
2.860	-.016	.62479	.07202	-.03340	.56225	.28182	1.99504	.01470	.00037	-.00117	-.00220
2.860	.976	.62503	.07229	-.03318	.56244	.28205	1.99411	.01465	-.00115	-.00346	-.01294
2.860	1.987	.62579	.07209	-.03389	.56319	.28218	1.99587	.01467	-.00254	-.00545	-.02306
2.860	4.028	.62636	.07058	-.03623	.56420	.28105	2.00749	.01476	-.00681	-.00684	-.05168
2.860	6.067	.62612	.07009	-.03696	.56414	.28050	2.01116	.01467	-.01166	-.00728	-.08208
2.860	8.086	.62553	.07042	-.03736	.56353	.28049	2.00908	.01504	-.01605	-.00833	-.11403

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LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJH090)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 263/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	.51970	.06632	-.02103	.46286	.24544	1.88592	.00871	.01060	.00504	.06905
3.900	-4.021	.52179	.06612	-.02014	.46500	.24579	1.89183	.00873	.00709	.00395	.04260
3.900	-1.995	.52149	.06721	-.01826	.46440	.24657	1.88343	.00873	.00382	.00253	.01857
3.900	-1.006	.52190	.06711	-.01790	.46486	.24655	1.88542	.00868	.00242	.00080	.00894
3.900	-.018	.52129	.06715	-.01796	.46432	.24628	1.88536	.00863	.00096	-.00070	-.00140
3.900	.972	.52168	.06762	-.01799	.46454	.24683	1.88204	.00861	-.00051	-.00228	-.01136
3.900	1.980	.52268	.06760	-.01864	.46547	.24719	1.88301	.00863	-.00176	-.00399	-.02082
3.900	4.015	.52502	.06676	-.02011	.46795	.24723	1.89277	.00873	-.00558	-.00502	-.04601
3.900	6.048	.52560	.06734	-.02048	.46825	.24804	1.88782	.00878	-.00932	-.00566	-.07175
3.900	8.061	.52515	.06824	-.02020	.46748	.24880	1.87894	.00893	-.01301	-.00700	-.09709

RUN NO. 276/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.50643	.06575	-.01375	.44928	.24279	1.85047	.00686	.00976	.00715	.05640
4.600	-4.014	.50771	.06484	-.01449	.45085	.24231	1.86066	.00686	.00622	.00515	.03250
4.600	-1.991	.50653	.06498	-.01433	.44976	.24191	1.85923	.00682	.00275	.00342	.01025
4.600	-1.004	.50758	.06516	-.01413	.45070	.24238	1.85950	.00679	.00131	.00216	.00106
4.600	-.017	.50687	.06500	-.01332	.45014	.24191	1.86077	.00676	.00000	.00032	-.00811
4.600	.971	.50745	.06491	-.01442	.45073	.24200	1.86250	.00679	-.00131	-.00102	-.01665
4.600	1.978	.50817	.06485	-.01466	.45143	.24218	1.86401	.00682	-.00277	-.00236	-.02624
4.600	4.010	.50761	.06501	-.01511	.45087	.24210	1.86229	.00686	-.00665	-.00342	-.04950
4.600	6.059	.50794	.06636	-.01498	.45067	.24351	1.85072	.00692	-.00986	-.00515	-.07120
4.600	8.050	.50808	.06750	-.01458	.45039	.24465	1.84098	.00695	-.01285	-.00713	-.09464

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH091)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 277/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.91378	.06364	-.02826	.74837	.52819	1.41686	.00679	.01250	.00960	.04978
4.600	-4.014	.91578	.06250	-.02966	.75076	.52813	1.42153	.00676	.00798	.00695	.02856
4.600	-1.991	.91723	.06164	-.03071	.75250	.52807	1.42500	.00676	.00366	.00409	.00916
4.600	-1.004	.91674	.06155	-.03093	.75218	.52765	1.42553	.00676	.00187	.00252	.00042
4.600	-.017	.91734	.06164	-.03087	.75276	.52789	1.42600	.00676	.00021	.00047	-.00780
4.600	.971	.91762	.06163	-.03108	.75303	.52798	1.42625	.00676	-.00124	-.00167	-.01590
4.600	1.997	.91747	.06175	-.03144	.75287	.52796	1.42600	.00679	-.00326	-.00315	-.02469
4.600	4.011	.91511	.06289	-.03106	.75044	.52746	1.42275	.00676	-.00793	-.00555	-.04537
4.600	6.040	.91323	.06372	-.03084	.74852	.52703	1.42028	.00676	-.01241	-.00785	-.06509
4.600	8.049	.90891	.06483	-.03051	.74435	.52561	1.41619	.00676	-.01656	-.01111	-.08416

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH092)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 249/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.047	.10686	.09333	.00221	.09683	.10370	.93375	.01341	.01012	-.00537	.09929
2.860	-4.030	.10263	.09462	.00675	.09252	.10453	.88512	.01330	.00721	-.00271	.06306
2.860	-1.999	.10165	.09398	.00769	.09163	.10377	.86304	.01339	.00472	-.00117	.02923
2.860	-1.008	.10095	.09410	.00765	.09093	.10382	.87585	.01339	.00363	-.00056	.01335
2.860	-.018	.10086	.09396	.00784	.09087	.10366	.87666	.01337	.00276	-.00024	-.00217
2.860	.974	.10089	.09398	.00761	.09090	.10367	.87675	.01333	.00195	.00020	-.01738
2.860	2.004	.10015	.09413	.00757	.09013	.10376	.86865	.01337	.00077	.00110	-.03437
2.860	4.044	.10094	.09534	.00668	.09076	.10508	.86376	.01350	-.00165	.00290	-.06904
2.860	6.062	.10366	.09443	.00353	.09352	.10448	.89508	.01371	-.00423	.00612	-.10600
2.860	8.080	.10477	.09413	.00159	.09464	.10431	.90731	.01384	-.00654	.00890	-.14445



## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM092)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 259/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.051	.07076	.07873	-.00419	.06143	.08620	.71267	.00841	.00854	-.00452	.08881
3.900	-4.021	.06930	.07884	-.00213	.06000	.08613	.69659	.00843	.00612	-.00210	.05627
3.900	-1.995	.06986	.07829	-.00097	.06064	.08564	.70809	.00841	.00391	-.00091	.02728
3.900	-1.007	.06837	.07804	-.00035	.05919	.08521	.69460	.00839	.00284	-.00039	.01311
3.900	-.019	.06847	.07764	-.00034	.05935	.08482	.69968	.00838	.00189	-.00001	-.00054
3.900	.970	.06815	.07811	-.00023	.05898	.08524	.69193	.00834	.00104	.00021	-.01381
3.900	1.978	.06858	.07815	-.00053	.05941	.08533	.69618	.00836	-.00003	.00089	-.02785
3.900	4.013	.06971	.07940	-.00148	.06038	.08671	.69633	.00836	-.00203	.00198	-.05753
3.900	6.045	.07045	.07992	-.00249	.06103	.08733	.69885	.00846	-.00441	.00434	-.08892
3.900	8.058	.06933	.08132	-.00290	.05974	.08951	.67425	.00851	-.00632	.00567	-.12047

RUN NO. 270/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.006	.07257	.07548	-.00581	.06303	.08361	.75392	.00651	.00756	-.00171	.07852
4.600	-4.015	.07274	.07430	-.00490	.06336	.08244	.76854	.00651	.00535	-.00049	.04796
4.600	-1.992	.07166	.07307	-.00337	.06245	.08108	.77019	.00651	.00333	.00032	.02011
4.600	-1.004	.07101	.07276	-.00287	.06185	.08069	.76548	.00651	.00223	.00087	.00618
4.600	-.018	.07166	.07240	-.00270	.06254	.08040	.77788	.00654	.00123	.00093	-.00625
4.600	.970	.07163	.07292	-.00284	.06246	.08091	.77189	.00651	.00033	.00109	-.01861
4.600	1.996	.07166	.07336	-.00301	.06244	.08135	.76759	.00654	-.00067	.00155	-.03241
4.600	4.009	.07147	.07432	-.00406	.06213	.08228	.75512	.00651	-.00281	.00268	-.06083
4.600	6.039	.07097	.07566	-.00390	.06146	.08357	.73544	.00651	-.00482	.00380	-.08945
4.600	8.049	.07012	.07725	-.00383	.06042	.08505	.71049	.00654	-.00656	.00426	-.11781

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH093)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 250/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.047	.30493	.08315	-.00372	.28110	.14452	1.94508	.01442	.01274	-.00243	.09153
2.860	-4.030	.30443	.08404	-.00046	.28046	.14518	1.93183	.01452	.00860	-.00006	.05577
2.860	-1.999	.30365	.08420	.00157	.27970	.14513	1.92723	.01441	.00569	-.00003	.02591
2.860	-1.009	.30663	.08371	.00266	.28274	.14523	1.94679	.01431	.00447	-.00016	.01325
2.860	-.017	.30389	.08399	.00240	.27995	.14499	1.93091	.01415	.00301	-.00056	-.00175
2.860	.994	.30376	.08414	.00242	.27981	.14511	1.92826	.01411	.00160	-.00068	-.01599
2.860	2.004	.30288	.08452	.00223	.27888	.14529	1.91946	.01422	.00014	-.00069	-.03048
2.860	4.025	.30374	.08460	.00121	.27969	.14556	1.92142	.01441	-.00293	-.00028	-.06106
2.860	6.063	.30508	.08363	-.00164	.28117	.14494	1.93995	.01463	-.00681	.00199	-.09672
2.860	8.080	.30458	.08292	-.00382	.28084	.14415	1.94823	.01486	-.00961	.00267	-.12988

RUN NO. 260/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.033	.23255	.07179	-.00474	.21144	.12054	1.75411	.00876	.01107	-.00202	.08307
3.900	-4.021	.23069	.07171	-.00259	.20968	.11999	1.74750	.00876	.00801	-.00118	.05374
3.900	-1.995	.23125	.07166	-.00157	.21025	.12001	1.75201	.00871	.00448	.00025	.02440
3.900	-1.006	.23077	.07225	-.00065	.20968	.12046	1.74061	.00871	.00338	.00015	.01137
3.900	-.019	.23055	.07237	-.00003	.20945	.12050	1.73827	.00861	.00218	-.00019	-.00057
3.900	.971	.23100	.07230	-.00033	.20992	.12052	1.74177	.00861	.00127	-.00074	-.01192
3.900	1.997	.23035	.07209	-.00064	.20931	.12020	1.74135	.00861	-.00024	-.00032	-.02535
3.900	4.013	.23201	.07244	-.00071	.21084	.12093	1.74343	.00871	-.00358	.00067	-.05407
3.900	6.046	.23298	.07275	-.00257	.21170	.12147	1.74276	.00876	-.00641	.00109	-.08167
3.900	8.058	.23326	.07336	-.00241	.21181	.12219	1.73348	.00883	-.00874	.00076	-.10893

RUN NO. 271/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.023	.22580	.06853	-.00209	.20484	.11715	1.74853	.00663	.00978	.00047	.06962
4.600	-4.014	.22545	.06680	-.00183	.20491	.11533	1.77670	.00670	.00689	.00075	.04222
4.600	-1.991	.22573	.06631	-.00161	.20532	.11487	1.78746	.00670	.00394	.00151	.01570
4.600	-1.004	.22463	.06662	-.00075	.20419	.11490	1.77716	.00667	.00262	.00115	.00361
4.600	-.017	.22476	.06651	-.00052	.20436	.11480	1.78013	.00670	.00156	.00031	-.00600
4.600	.970	.22563	.06657	-.00061	.20520	.11505	1.78356	.00670	.00033	.00015	-.01704
4.600	2.110	.22470	.06620	-.00085	.20437	.11447	1.78528	.00670	-.00115	.00020	-.03047
4.600	4.009	.22605	.06713	-.00111	.20547	.11570	1.77600	.00670	-.00412	.00085	-.05555
4.600	6.039	.22621	.06838	-.00068	.20533	.11699	1.75519	.00676	-.00658	.00075	-.08095
4.600	8.048	.22427	.06970	.00041	.20311	.11789	1.72295	.00676	-.00865	-.00021	-.10577

## LA75 TABULATED SACUCE DATA

PAGE 134

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJM094)

## PARAMETRIC DATA

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

		RUN NO. 251/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.050	.59979	.06761	-.01814	.53962	.27041	1.99555	.01463	.01417	.00564	.07877
2.860	-4.032	.60921	.06856	-.01636	.53985	.27113	1.99108	.01469	.00999	.00504	.04746
2.860	-2.000	.59824	.06998	-.01290	.53763	.27156	1.97980	.01467	.00632	.00316	.01969
2.860	-1.008	.59719	.07018	-.01229	.53662	.27130	1.97793	.01471	.00522	.00083	.00926
2.860	-.016	.59851	.07009	-.01230	.53794	.27157	1.98088	.01478	.00368	-.00145	-.00197
2.860	.976	.59767	.07030	-.01163	.53712	.27139	1.97916	.01477	.00244	-.00350	-.01248
2.860	2.006	.59787	.07004	-.01208	.53735	.27129	1.98070	.01471	.00106	-.00560	-.02313
2.860	4.028	.59769	.06886	-.01393	.53756	.27020	1.98951	.01486	-.00276	-.00680	-.05199
2.860	6.086	.59725	.06822	-.01423	.53740	.26939	1.99489	.01471	-.00713	-.00710	-.08315
2.860	8.086	.59526	.06900	-.01376	.53526	.26943	1.98663	.01488	-.01118	-.00814	-.11393

		RUN NO. 261/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.034	.49758	.06449	-.00512	.44272	.23611	1.87508	.00881	.01258	.00480	.07040
3.900	-4.022	.49995	.06434	-.00399	.44504	.23670	1.88020	.00883	.00936	.00372	.04505
3.900	-1.976	.49849	.06538	-.00176	.44340	.23698	1.87103	.00878	.00581	.00252	.01944
3.900	-1.007	.49825	.06539	-.00135	.44321	.23685	1.87130	.00873	.00489	.00065	.01064
3.900	-.018	.49875	.06543	-.00132	.44370	.23699	1.87227	.00873	.00333	-.00085	-.00005
3.900	.971	.49870	.06584	-.00123	.44351	.23733	1.86874	.00871	.00204	-.00242	-.00966
3.900	2.017	.49843	.06597	-.00172	.44322	.23736	1.86735	.00873	.00090	-.00413	-.01948
3.900	4.015	.50055	.06508	-.00306	.44551	.23730	1.87742	.00881	-.00263	-.00507	-.04463
3.900	6.047	.50095	.06575	-.00283	.44564	.23809	1.87173	.00883	-.00609	-.00556	-.07005
3.900	8.060	.49973	.06651	-.00255	.44417	.23845	1.86271	.00893	-.00973	-.00704	-.09575

		RUN NO. 272/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.48634	.06411	.00027	.43110	.23406	1.84186	.00675	.01149	.00659	.05798
4.600	-4.014	.48587	.06320	-.00013	.43105	.23293	1.85054	.00673	.00820	.00469	.03405
4.600	-1.991	.48711	.06356	.00074	.43211	.23368	1.84914	.00673	.00489	.00315	.01223
4.600	-1.004	.48574	.06377	.00087	.43082	.23325	1.84706	.00676	.00365	.00161	.00311
4.600	-.017	.48503	.06381	.00083	.43018	.23296	1.84658	.00670	.00238	-.00012	-.00597
4.600	.990	.48595	.06360	.00088	.43115	.23303	1.85017	.00679	.00114	-.00147	-.01464
4.600	1.978	.48559	.06338	.00065	.43089	.23269	1.85176	.00676	-.00027	-.00261	-.02513
4.600	4.010	.48644	.06365	-.00010	.43160	.23323	1.85055	.00679	-.00377	-.00395	-.04733
4.600	6.040	.48622	.06499	.00062	.43089	.23445	1.83790	.00682	-.00697	-.00557	-.06958
4.600	8.049	.48645	.06596	.00115	.43072	.23550	1.82893	.00686	-.00976	-.00745	-.09297

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N20R5V8W

(RJH095)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 253/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.070	1.00780	.05356	-.03205	.84192	.55651	1.51287	.01483	.01625	.01261	.06459
2.860	-4.033	1.00925	.05310	-.03097	.84316	.55540	1.51811	.01467	.01121	.00932	.04023
2.860	-2.000	1.00925	.05321	-.02978	.84413	.55575	1.51890	.01446	.00769	.00436	.01834
2.860	-1.008	1.00940	.05294	-.02970	.84448	.55546	1.52032	.01427	.00657	.00093	.00894
2.860	-.016	1.00948	.05331	-.02920	.84437	.55583	1.51912	.01423	.00518	-.00224	-.00061
2.860	.977	1.00826	.05315	-.02897	.84348	.55493	1.51998	.01422	.00392	-.00522	-.01041
2.860	2.008	1.00738	.05342	-.02844	.84262	.55467	1.51913	.01431	.00243	-.00780	-.02088
2.860	4.031	1.00622	.05371	-.02780	.84156	.55419	1.51854	.01474	-.00152	-.01232	-.04319
2.860	6.089	1.00517	.05408	-.02769	.84057	.55384	1.51771	.01491	-.00675	-.01536	-.06910
2.860	8.089	1.00140	.05499	-.02567	.83707	.55240	1.51533	.01491	-.01210	-.01778	-.09755

RUN NO. 262/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.035	.89709	.05844	-.01122	.74019	.51021	1.45076	.00861	.01623	.00908	.06200
3.900	-4.022	.90124	.05783	-.01158	.74410	.51175	1.45403	.00856	.01222	.00597	.04015
3.900	-1.995	.90123	.05735	-.01025	.74450	.51111	1.45663	.00856	.00765	.00357	.01709
3.900	-1.006	.90292	.05708	-.01026	.74611	.51171	1.45809	.00861	.00636	.00130	.00870
3.900	-.018	.90327	.05695	-.01034	.74650	.51174	1.45875	.00858	.00501	-.00089	-.00008
3.900	.972	.90224	.05740	-.00999	.74547	.51147	1.45750	.00856	.00352	-.00309	-.00932
3.900	1.980	.90354	.05781	-.01003	.74640	.51245	1.45653	.00861	.00216	-.00505	-.01776
3.900	4.016	.90313	.05855	-.00979	.74572	.51280	1.45422	.00863	-.00191	-.00826	-.03904
3.900	6.049	.90219	.05945	-.00898	.74454	.51297	1.45143	.00866	-.00653	-.01058	-.06241
3.900	8.062	.89980	.06081	-.00784	.74194	.51271	1.44709	.00871	-.01114	-.01329	-.08508

RUN NO. 273/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.88124	.06030	-.00350	.72236	.50836	1.42097	.00660	.01565	.00898	.05242
4.600	-3.996	.88426	.05916	-.00391	.72562	.50880	1.42614	.00660	.01113	.00632	.03108
4.600	-1.991	.88360	.05840	-.00531	.72560	.50761	1.42945	.00663	.00733	.00349	.01181
4.600	-1.004	.88452	.05838	-.00499	.72639	.50807	1.42971	.00660	.00535	.00191	.00252
4.600	-.017	.88336	.05838	-.00516	.72543	.50743	1.42962	.00663	.00400	-.00012	-.00560
4.600	.971	.88372	.05839	-.00566	.72582	.50751	1.43016	.00663	.00275	-.00234	-.01362
4.600	1.978	.88297	.05873	-.00555	.72513	.50721	1.42966	.00663	.00087	-.00391	-.02286
4.600	+0.010	.87958	.05957	-.00485	.72181	.50616	1.42606	.00663	-.00350	-.00631	-.04308
4.600	6.040	.87672	.06078	-.00441	.71888	.50551	1.42210	.00667	-.00780	-.00859	-.06368
4.600	8.050	.87445	.06188	-.00443	.71643	.50519	1.41813	.00667	-.01186	-.01183	-.08310

LARC UPWT 1173(LA75)B26C9E43F6M16N28R5V8W

(RJM096)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 23/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.050	.12173	.09325	-.01202	.11163	.10514	1.06174	.01301	.00397	.00231	.08701
2.860	-4.032	.11750	.09608	-.00589	.10718	.10746	.99740	.01265	.00073	.00507	.04866
2.860	-1.983	.11478	.09637	-.00375	.10448	.10745	.97234	.01282	-.00178	.00641	.01651
2.860	-.992	.11513	.09711	-.00274	.10470	.10827	.96699	.01269	-.00311	.00711	.00046
2.860	-.020	.11388	.09747	-.00203	.10343	.10850	.95325	.01271	-.00403	.00725	-.01485
2.860	.972	.11455	.09800	-.00189	.10403	.10910	.95352	.01271	-.00508	.00751	-.03093
2.860	2.002	.11446	.09861	-.00173	.10387	.10970	.94683	.01276	-.00641	.00846	-.04774
2.860	4.042	.11432	.10070	-.00151	.10354	.11175	.92655	.01269	-.00895	.01012	-.08097
2.860	6.060	.11723	.10084	-.00346	.10542	.11219	.94855	.01295	-.01187	.01296	-.11815
2.860	8.097	.11881	.10111	-.00547	.10794	.11263	.95834	.01274	-.01435	.01480	-.15437

RUN NO. 40/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.052	.08313	.07854	-.01502	.07377	.08740	.84405	.00796	.00396	.00256	.07467
3.900	-4.022	.08140	.07969	-.01116	.07194	.08832	.81456	.00794	.00122	.00525	.04249
3.900	-2.016	.08039	.08074	-.00857	.07083	.08924	.79373	.00774	-.00111	.00649	.01362
3.900	-1.008	.07847	.08140	-.00705	.06886	.08968	.76783	.00766	-.00222	.00693	-.00100
3.900	-.020	.07861	.08154	-.00616	.06899	.08983	.76791	.00771	-.00318	.00699	-.01401
3.900	.969	.07860	.08245	-.00525	.06888	.09074	.75907	.00769	-.00428	.00727	-.02744
3.900	1.986	.07888	.08311	-.00481	.06907	.09142	.75557	.00764	-.00553	.00801	-.04161
3.900	4.031	.07976	.08546	-.00440	.06968	.09386	.74233	.00764	-.00786	.00914	-.07154
3.900	6.064	.07955	.08731	-.00448	.06924	.09569	.72354	.00756	-.01026	.01009	-.10227
3.900	8.057	.07929	.08890	-.00468	.06883	.09722	.70806	.00749	-.01220	.01173	-.13163

RUN NO. 56/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.046	.09172	.07608	-.01577	.08204	.08643	.94921	.00605	.00389	.00395	.07508
4.600	-4.037	.09046	.07616	-.01353	.08080	.08634	.93585	.00600	.00137	.00545	.04264
4.600	-1.994	.08876	.07659	-.01006	.07909	.08654	.91400	.00603	-.00073	.00634	.01524
4.600	-1.007	.08873	.07698	-.00848	.07901	.08692	.90902	.00593	-.00190	.00687	.00153
4.600	-.020	.08878	.07740	-.00732	.07899	.08736	.90421	.00593	-.00299	.00693	-.01203
4.600	.987	.08869	.07840	-.00654	.07880	.08834	.89199	.00600	-.00410	.00708	-.02466
4.600	1.974	.08794	.07948	-.00589	.07792	.08933	.87225	.00597	-.00518	.00762	-.03778
4.600	4.006	.08778	.08191	-.00505	.07747	.09173	.84461	.00603	-.00747	.00853	-.06578
4.600	6.036	.08782	.08394	-.00455	.07731	.09376	.82457	.00584	-.00951	.00956	-.09413
4.600	8.027	.08773	.08580	-.00434	.07693	.09561	.80459	.00568	-.01121	.00952	-.12176

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8M

(RJH097)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 24/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.049	.32368	.08448	-.02111	.29915	.14972	1.99801	.01316	.00736	.00415	.08110
2.860	-4.224	.32135	.08647	-.01613	.29655	.15099	1.96412	.01344	.00314	.00684	.04641
2.860	-2.001	.31908	.08746	-.01249	.29418	.15139	1.94320	.01387	-.00030	.00720	.01348
2.860	-1.010	.31968	.08781	-.01127	.29471	.15182	1.94118	.01382	-.00194	.00694	-.00040
2.860	-.019	.31976	.08835	-.01024	.29469	.15234	1.93440	.01399	-.00345	.00663	-.01475
2.860	.991	.31815	.08887	-.00952	.29301	.15253	1.92094	.01406	-.00488	.00649	-.02803
2.860	1.983	.31874	.08949	-.00929	.29347	.15322	1.91538	.01416	-.00657	.00613	-.04258
2.860	4.042	.31907	.09026	-.00965	.29357	.15416	1.90437	.01419	-.00972	.00623	-.07198
2.860	6.099	.32003	.09047	-.01117	.29450	.15453	1.90579	.01423	-.01363	.00797	-.10750
2.860	8.060	.32075	.09043	-.01272	.29520	.15464	1.90889	.01433	-.01646	.00782	-.13891

RUN NO. 41/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.052	.24665	.07261	-.01829	.22514	.12419	1.81284	.00813	.00716	.00359	.07206
3.900	-4.022	.24637	.07355	-.01474	.22462	.12511	1.79536	.00806	.00363	.00500	.04240
3.900	-2.016	.24480	.07497	-.01168	.22280	.12613	1.76634	.00818	-.00011	.00670	.01305
3.900	-1.008	.24436	.07613	-.00981	.22212	.12716	1.74679	.00823	-.00168	.00703	-.00097
3.900	-.001	.24320	.07669	-.00854	.22086	.12747	1.73263	.00821	-.00286	.00637	-.01260
3.900	.969	.24412	.07680	-.00848	.22174	.12778	1.73537	.00826	-.00383	.00566	-.02362
3.900	1.996	.24466	.07731	-.00784	.22215	.12841	1.73001	.00826	-.00533	.00585	-.03675
3.900	4.012	.24423	.07865	-.00674	.22144	.12961	1.70853	.00826	-.00870	.00651	-.06453
3.900	6.045	.24547	.07956	-.00786	.22244	.13079	1.70072	.00823	-.01133	.00632	-.09101
3.900	8.057	.24429	.08085	-.00774	.22101	.13179	1.67702	.00804	-.01369	.00553	-.11824

RUN NO. 57/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.026	.25086	.06915	-.01492	.22897	.12322	1.85821	.00641	.00668	.00491	.06903
4.600	-4.017	.24972	.06902	-.01304	.22811	.12285	1.85685	.00635	.00358	.00546	.04163
4.600	-1.994	.24834	.07006	-.01074	.22658	.12347	1.83507	.00635	.00017	.00638	.01359
4.600	-.988	.24866	.07078	-.00897	.22671	.12427	1.82435	.00635	-.00115	.00621	.00220
4.600	-.020	.24729	.07077	-.00840	.22539	.12394	1.81853	.00638	-.00215	.00497	-.00794
4.600	.968	.24738	.07162	-.00737	.22529	.12477	1.80564	.00638	-.00363	.00499	-.01976
4.600	2.031	.24685	.07205	-.00710	.22468	.12508	1.79629	.00632	-.00507	.00492	-.03240
4.600	+0.06	.24718	.07366	-.00609	.22465	.12672	1.77271	.00632	-.00798	.00528	-.05778
4.600	6.036	.24662	.07559	-.00544	.22365	.12851	1.74036	.00619	-.01038	.00479	-.08238
4.600	8.027	.24460	.07711	-.00404	.22134	.12957	1.70829	.00606	-.01256	.00361	-.10742

LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH098)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 25/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.070	.62303	.07158	-.03824	.56065	.28101	1.99509	.01367	.00960	.01051	.07043
2.860	-4.034	.62486	.07324	-.03578	.56182	.28314	1.98425	.01429	.00448	.01050	.03819
2.860	-2.002	.62217	.07574	-.03084	.55855	.28434	1.96442	.01440	.00024	.00933	.00971
2.860	-1.010	.62312	.07576	-.03061	.55948	.28461	1.96580	.01429	-.00135	.00727	-.00163
2.860	-.019	.62319	.07544	-.03063	.55963	.28438	1.96785	.01420	-.00280	.00498	-.01207
2.860	.993	.62302	.07481	-.03121	.55976	.28360	1.97378	.01414	-.00415	.00235	-.02214
2.860	2.023	.62502	.07415	-.03266	.56179	.28379	1.97958	.01425	-.00556	.00008	-.03264
2.860	4.027	.62534	.07314	-.03465	.56239	.28305	1.98687	.01431	-.00921	-.00233	-.05966
2.860	6.085	.62463	.07350	-.03399	.56163	.28307	1.98410	.01412	-.01368	-.00329	-.08986
2.860	8.084	.62342	.07475	-.03337	.56016	.28366	1.97479	.01455	-.01788	-.00452	-.11993

RUN NO. 42/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.054	.51618	.06761	-.02183	.45939	.24490	1.87584	.00821	.00909	.00854	.06346
3.900	-3.984	.51714	.06832	-.02006	.46005	.24586	1.87119	.00821	.00525	.00766	.03574
3.900	-1.996	.51677	.07057	-.01615	.45895	.24777	1.85235	.00826	.00130	.00726	.01009
3.900	-.988	.51640	.07025	-.01599	.45876	.24727	1.85531	.00833	.00005	.00554	.00016
3.900	-.019	.51739	.06988	-.01659	.45986	.24721	1.86019	.00826	-.00125	.00382	-.00897
3.900	.990	.51873	.06986	-.01715	.46098	.24791	1.85948	.00823	-.00266	.00194	-.01845
3.900	2.017	.51918	.06961	-.01804	.46149	.24783	1.86214	.00823	-.00398	.00030	-.02861
3.900	3.995	.51971	.06960	-.01866	.46199	.24801	1.86279	.00831	-.00721	-.00140	-.05194
3.900	6.028	.51859	.07121	-.01785	.46037	.24914	1.84781	.00836	-.01070	-.00235	-.07738
3.900	8.078	.51777	.07252	-.01694	.45913	.25008	1.83595	.00848	-.01431	-.00376	-.10241

RUN NO. 58/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.027	.51709	.06753	-.01647	.45876	.24796	1.85016	.00641	.00896	.00917	.06014
4.600	-3.998	.51836	.06745	-.01565	.46003	.24825	1.85310	.00645	.00535	.00761	.03672
4.600	-2.013	.51716	.06852	-.01381	.45862	.24864	1.84452	.00638	.00152	.00643	.01304
4.600	-1.025	.51836	.06850	-.01377	.45968	.24916	1.84491	.00635	.00010	.00488	.00296
4.600	-.020	.51813	.06810	-.01402	.45953	.24866	1.84844	.00635	-.00113	.00314	-.00524
4.600	.968	.51867	.06781	-.01471	.46026	.24856	1.85170	.00629	-.00241	.00149	-.01383
4.600	1.994	.51930	.06743	-.01512	.46096	.24847	1.85518	.00635	-.00381	.00014	-.02344
4.600	4.008	.51869	.06873	-.01471	.45997	.24938	1.84442	.00635	-.00740	-.00131	-.04638
4.600	6.057	.51789	.07074	-.01375	.45851	.25097	1.82695	.00645	-.01057	-.00334	-.06828
4.600	8.047	.51714	.07208	-.01315	.45733	.25196	1.81508	.00651	-.01372	-.00497	-.09111

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH099)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPD8RK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO. 26/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.072	1.13331	.05711	-.06460	.92713	.65428	1.41701	.01395	.01223	.01563	.06197
2.860	-4.035	1.13497	.05673	-.06429	.92889	.65463	1.41897	.01406	.00706	.01187	.03804
2.860	-1.983	1.13706	.05644	-.06438	.93102	.65521	1.42094	.01425	.00245	.00729	.01416
2.860	-1.009	1.13778	.05615	-.06458	.93188	.65521	1.42228	.01419	.00075	.00470	.00348
2.860	-.018	1.13960	.05621	-.06473	.93327	.65639	1.42183	.01406	-.03145	.00227	-.00732
2.860	.995	1.13948	.05661	-.06422	.93299	.65662	1.42091	.01417	-.00337	-.00028	-.01841
2.860	2.024	1.13927	.05682	-.06328	.93193	.65605	1.42052	.01442	-.00526	-.00260	-.02882
2.860	4.029	1.13792	.05715	-.06317	.93149	.65609	1.41975	.01434	-.00980	-.00736	-.05217
2.860	6.088	1.13630	.05788	-.06251	.92981	.65573	1.41797	.01440	-.01513	-.01096	-.07707
2.860	8.106	1.13081	.05949	-.06080	.92458	.65378	1.41420	.01451	-.02078	-.01446	-.10252

		RUN NO. 43/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	1.01903	.06300	-.04110	.82243	.60498	1.35943	.00831	.01375	.01129	.05677
3.900	-4.022	1.02411	.06239	-.04150	.82678	.60756	1.36082	.00826	.00932	.00792	.03594
3.900	-1.996	1.02650	.06200	-.04147	.82912	.60836	1.36288	.00828	.00470	.00506	.01490
3.900	-.969	1.02687	.06208	-.04181	.82943	.60858	1.36288	.00828	.00240	.00336	.00445
3.900	.000	1.02684	.06204	-.04155	.82942	.60854	1.36298	.00831	.00033	.00182	-.00498
3.900	.971	1.02681	.06248	-.04150	.82918	.60895	1.36189	.00831	-.00189	.00043	-.01551
3.900	1.998	1.02968	.06282	-.04142	.83114	.61107	1.36014	.00831	-.00412	-.00096	-.02565
3.900	4.015	1.02787	.06387	-.04080	.82915	.61083	1.35743	.00836	-.00894	-.00376	-.04723
3.900	6.067	1.02491	.06502	-.03990	.82621	.60995	1.35456	.00838	-.01344	-.00694	-.06768
3.900	8.079	1.02441	.06616	-.03873	.82508	.61078	1.35086	.00838	-.01826	-.01035	-.08884

		RUN NO. 59/ 0		RN/L = .00							
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.044	1.01044	.06547	-.03373	.81056	.60686	1.33567	.00619	.01309	.01064	.05422
4.600	-4.016	1.01288	.06434	-.03498	.81334	.60707	1.33978	.00616	.00898	.00729	.03485
4.600	-1.993	1.01486	.06427	-.03511	.81514	.60796	1.34077	.00619	.00425	.00457	.01602
4.600	-1.025	1.01679	.06438	-.03495	.81649	.60939	1.33984	.00622	.00201	.00316	.00709
4.600	.000	1.01699	.06453	-.03503	.81654	.60967	1.33931	.00625	-.00010	.00177	-.00272
4.600	.969	1.01610	.06484	-.03493	.81576	.60926	1.33893	.00625	-.00230	.00047	-.01215
4.600	1.976	1.01902	.06499	-.03467	.81762	.61167	1.33669	.00629	-.00476	-.00075	-.02207
4.600	4.008	1.01548	.06600	-.03437	.81437	.61021	1.33458	.00635	-.00932	-.00376	-.04093
4.600	6.038	1.01176	.06717	-.03448	.81077	.60896	1.33140	.00641	-.01338	-.00713	-.05961
4.600	8.047	1.00624	.06829	-.03410	.80578	.60656	1.32845	.00641	-.01744	-.01070	-.07830



## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJR100)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 30/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.070	.1066	.09466	.00028	.09668	.10498	.92093	.01290	.00602	.00298	.08654
2.860	-4.034	.10343	.09720	.00682	.09309	.10715	.86880	.01263	.00297	.00562	.04950
2.860	-1.030	.10118	.09829	.01024	.09070	.10803	.83958	.01263	-.00059	.00763	-.00024
2.860	-.002	.10117	.09865	.01101	.09066	.10838	.83646	.01271	-.00148	.00789	-.01529
2.860	.990	.10040	.09924	.01147	.08984	.10890	.82493	.01273	-.00232	.00815	-.03056
2.860	1.963	.10013	.09990	.01191	.08949	.10953	.81701	.01278	-.00344	.00904	-.04679
2.860	4.022	.09850	.10227	.01265	.08765	.11171	.78470	.01278	-.00580	.01089	-.06197
2.860	6.078	.09969	.10288	.01160	.08876	.11244	.78941	.01303	-.00823	.01387	-.11841
2.860	8.078	.10034	.10338	.01025	.08937	.11301	.79081	.01282	-.01023	.01584	-.15585

RUN NO. 47/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.035	.08056	.07982	-.00795	.07113	.08832	.80530	.00801	.00486	.00275	.07676
3.900	-4.024	.07821	.08139	-.00402	.06858	.08966	.76491	.00774	.00248	.00537	.04505
3.900	-1.998	.07751	.08225	-.00121	.06779	.09042	.74973	.00766	.00036	.00640	.01590
3.900	-1.028	.07606	.08282	.00053	.06630	.09082	.73005	.00766	-.00074	.00706	.00193
3.900	-.021	.07487	.08313	.00133	.06508	.09100	.71514	.00764	-.00160	.00713	-.01211
3.900	.987	.07403	.08412	.00254	.06414	.09189	.69797	.00766	-.00252	.00742	-.02519
3.900	1.976	.07457	.08488	.00298	.06458	.09271	.69658	.00762	-.00358	.00810	-.03965
3.900	4.011	.07432	.08746	.00415	.06404	.09525	.67233	.00764	-.00558	.00923	-.06856
3.900	6.043	.07236	.08949	.00479	.06192	.09701	.63827	.00744	-.00783	.01144	-.10046
3.900	8.056	.07190	.09141	.00487	.06124	.09887	.61935	.00737	-.00966	.01222	-.13188

RUN NO. 63/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.046	.08849	.07647	-.01013	.07878	.08645	.91131	.00619	.00457	.00413	.07351
4.600	-4.018	.08738	.07645	-.00747	.07769	.08628	.90047	.00605	.00226	.00563	.04247
4.600	-1.975	.08587	.07706	-.00399	.07614	.08668	.87836	.00597	.00027	.00633	.01471
4.600	-1.007	.08470	.07750	-.00250	.07493	.08698	.86147	.00597	-.00070	.00677	.00152
4.600	-.002	.08359	.07793	-.00131	.07377	.08728	.84520	.00597	-.00158	.00702	-.01112
4.600	.967	.08369	.07912	-.00038	.07374	.08846	.83353	.00597	-.00258	.00698	-.02414
4.600	1.993	.08309	.08020	.00027	.07302	.08947	.81621	.00597	-.00357	.00754	-.03768
4.600	4.025	.08195	.08270	.00159	.07160	.09181	.77987	.00597	-.00558	.00855	-.06521
4.600	6.036	.08018	.08488	.00259	.06957	.09377	.74186	.00581	-.00761	.00967	-.09409
4.600	8.046	.07961	.08663	.00314	.06879	.09545	.72065	.00593	-.00917	.00974	-.12216

LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH101)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 575.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 29/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.050	.30708	.08443	-.00673	.28302	.14602	1.73826	.01302	.00947	.00427	.08225
2.860	-4.052	.30527	.08660	-.00123	.28083	.14773	1.90099	.01344	.00502	.00726	.04421
2.860	-1.982	.30400	.08748	.00276	.27941	.14833	1.88368	.01382	.00198	.00728	.01379
2.860	-1.011	.30348	.08774	.00393	.27887	.14844	1.87867	.01380	.00074	.00714	.00078
2.860	-.002	.30319	.08838	.00523	.27843	.14904	1.86808	.01384	-.00062	.00689	-.01305
2.860	.972	.30397	.08902	.00606	.27907	.14980	1.86297	.01386	-.00217	.00670	-.02793
2.860	2.001	.30273	.08951	.00661	.27775	.15005	1.85102	.01395	-.00343	.00635	-.04086
2.860	4.022	.30172	.09049	.00666	.27658	.15076	1.83457	.01410	-.00647	.00651	-.07182
2.860	6.060	.30196	.09098	.00572	.27670	.15133	1.82847	.01418	-.01006	.00820	-.10627
2.860	8.059	.30191	.09110	.00458	.27661	.15145	1.82638	.01427	-.01246	.00807	-.13773

RUN NO. 46/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.052	.23939	.07255	-.00889	.21804	.12259	1.77856	.00828	.00844	.00348	.07218
3.900	-4.041	.23823	.07334	-.00500	.21673	.12313	1.76018	.00818	.00499	.00504	.04246
3.900	-1.978	.23775	.07511	-.00172	.21590	.12472	1.73098	.00813	.00132	.00683	.01241
3.900	-.989	.23603	.07645	.00044	.21393	.12564	1.70269	.00823	-.00008	.00701	-.00125
3.900	-.020	.23668	.07700	.00192	.21438	.12645	1.69545	.00823	-.00098	.00629	-.01243
3.900	.969	.23558	.07720	.00203	.21327	.12639	1.68740	.00826	-.00196	.00565	-.02350
3.900	1.977	.23517	.07776	.00280	.21279	.12678	1.67840	.00826	-.00346	.00599	-.03739
3.900	4.012	.23454	.07903	.00402	.21191	.12787	1.65727	.00826	-.00658	.00659	-.06477
3.900	6.063	.23725	.08030	.00329	.21418	.12986	1.64926	.00843	-.00906	.00640	-.09046
3.900	8.057	.23625	.08130	.00375	.21296	.13066	1.62987	.00843	-.01125	.00569	-.11733

RUN NO. 62/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.007	.24270	.06941	-.00655	.22119	.12163	1.81850	.00635	.00771	.00487	.06854
4.600	-4.017	.24317	.06917	-.00440	.22172	.12148	1.82511	.00638	.00466	.00534	.04027
4.600	-1.994	.24221	.07028	-.00194	.22051	.12238	1.80189	.00638	.00159	.00608	.01281
4.600	-1.006	.24129	.07115	-.00014	.21943	.12302	1.78369	.00635	.00025	.00591	.00050
4.600	-.020	.23992	.07114	.00073	.21810	.12270	1.77753	.00635	-.00063	.00476	-.00874
4.600	.968	.24006	.07196	.00176	.21806	.12352	1.76533	.00638	-.00202	.00478	-.02007
4.600	1.974	.24029	.07218	.00229	.21822	.12380	1.76266	.00635	-.00339	.00481	-.03181
4.600	4.007	.24008	.07397	.00320	.21761	.12552	1.73375	.00638	-.00620	.00499	-.05800
4.600	6.036	.23920	.07582	.00401	.21631	.12719	1.70076	.00632	-.00843	.00450	-.08261
4.600	8.027	.23796	.07730	.00555	.21474	.12840	1.67245	.00635	-.01051	.00333	-.10762

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH102)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 ATLRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 28/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.59659	.06967	-.01884	.53652	.27004	1.98684	.01400	.01193	.01011	.07170
2.860	-4.034	.59741	.07134	-.01542	.53682	.27168	1.97592	.01436	.00731	.01018	.03969
2.860	-1.983	.59556	.07386	-.01002	.53424	.27339	1.95410	.01461	.00324	.00930	.01089
2.860	-1.030	.59564	.07390	-.00945	.53414	.27375	1.95122	.01468	.00206	.00726	-.00014
2.860	-.019	.59628	.07371	-.00945	.53481	.27379	1.95339	.01472	.00078	.00504	-.01081
2.860	.993	.59557	.07293	-.00985	.53452	.27260	1.96083	.01453	-.00050	.00230	-.02140
2.860	2.022	.59583	.07260	-.01066	.53483	.27248	1.96280	.01438	-.00157	.00010	-.03167
2.860	4.026	.59663	.07178	-.01229	.53581	.27208	1.96932	.01451	-.00495	-.00231	-.05841
2.860	6.084	.59522	.07183	-.01128	.53450	.27160	1.96797	.01427	-.00896	-.00313	-.08910
2.860	8.065	.59305	.07354	-.00983	.53189	.27243	1.95239	.01449	-.01288	-.00441	-.11925

RUN NO. 45/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	.49960	.06681	-.00679	.44413	.23835	1.86330	.00628	.01085	.00832	.06322
3.900	-4.022	.50230	.06739	-.00458	.44640	.23995	1.86035	.00833	.00748	.00752	.03696
3.900	-1.996	.50060	.06979	-.00039	.44403	.24148	1.83880	.00841	.00361	.00713	.01093
3.900	-1.007	.50095	.06965	-.00001	.44443	.24141	1.84102	.00841	.00254	.00542	.00103
3.900	.000	.50097	.06917	-.00058	.44463	.24096	1.84520	.00838	.00119	.00363	-.00917
3.900	.970	.50170	.06910	-.00098	.44533	.24116	1.84666	.00846	.00017	.00183	-.01754
3.900	1.979	.50186	.06892	-.00208	.44554	.24104	1.84840	.00846	-.00094	.00005	-.02726
3.900	4.014	.50240	.06897	-.00236	.44606	.24123	1.84910	.00848	-.00422	-.00157	-.05101
3.900	6.066	.50136	.07039	-.00110	.44459	.24220	1.83564	.00853	-.00763	-.00259	-.07680
3.900	8.060	.49935	.07174	-.00006	.44219	.24282	1.82104	.00855	-.01104	-.00400	-.10219

RUN NO. 61/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.026	.50171	.06671	-.00182	.44477	.24155	1.84132	.00635	.01052	.00889	.05937
4.600	-3.998	.50308	.06675	-.00069	.44605	.24203	1.84297	.00638	.00736	.00736	.03696
4.600	-1.975	.50174	.06789	.00134	.44431	.24278	1.83012	.00645	.00360	.00618	.01329
4.600	-1.006	.50179	.06801	.00143	.44436	.24282	1.83002	.00645	.00228	.00473	.00320
4.600	.000	.50150	.06754	.00104	.44426	.24227	1.83371	.00641	.00110	.00270	-.00537
4.600	.969	.50176	.06694	.00035	.44473	.24179	1.83934	.00648	.00004	.00107	-.01346
4.600	1.994	.50250	.06675	.00025	.44550	.24185	1.84207	.00648	-.00129	-.00018	-.02310
4.600	+0.08	.50345	.06797	.00061	.44589	.24344	1.83161	.00641	-.00471	-.00183	-.04549
4.600	6.038	.50183	.07001	.00188	.44362	.24481	1.81208	.00645	-.00778	-.00366	-.06739
4.600	8.047	.49977	.07162	.00296	.44120	.24544	1.79756	.00635	-.01064	-.00546	-.09112

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 143

LARC UPWT 1173(LA75)B26C9E43FBM16N2BR5VBW

(RJH103)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8090 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 27 / 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.054	1.09122	.05226	-.03291	.89389	.62805	1.42328	.01382	.01631	.01476	.06447
2.860	-4.016	1.09282	.05219	-.03210	.89546	.62858	1.42457	.01397	.01159	.01086	.03981
2.860	-2.002	1.09496	.05166	-.03205	.89779	.62895	1.42745	.01398	.00736	.00636	.01626
2.860	-1.010	1.09598	.05125	-.03218	.89900	.62897	1.42933	.01397	.00563	.00412	.00553
2.860	-.018	1.09451	.05108	-.03207	.89793	.62792	1.43000	.01395	.00384	.00152	-.00580
2.860	.995	1.09469	.05145	-.03131	.89790	.62829	1.42912	.01414	.00213	-.00096	-.01662
2.860	2.006	1.09386	.05187	-.03036	.89708	.62807	1.42831	.01429	.00015	-.00311	-.02784
2.860	4.048	1.09504	.05225	-.02948	.89732	.62982	1.42472	.01427	-.00385	-.00767	-.05091
2.860	6.068	1.09288	.05318	-.02886	.89514	.62923	1.42260	.01427	-.00887	-.01101	-.07604
2.860	8.069	1.08816	.05507	-.02676	.89026	.62815	1.41728	.01451	-.01438	-.01456	-.10198

RUN NO. 44 / 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	.98168	.05923	-.01378	.79316	.58146	1.36408	.00813	.01698	.01060	.05815
3.900	-4.041	.98584	.05865	-.01369	.79715	.58299	1.36735	.00813	.01272	.00717	.03660
3.900	-2.014	.98959	.05831	-.01343	.79956	.58430	1.36841	.00811	.00838	.00440	.01559
3.900	-1.006	.98887	.05835	-.01340	.79984	.58440	1.36865	.00813	.00644	.00279	.00552
3.900	-.018	.99011	.05836	-.01306	.80065	.58539	1.36773	.00818	.00445	.00118	-.00458
3.900	.991	.99024	.05876	-.01266	.80060	.58571	1.36689	.00821	.00238	-.00013	-.01512
3.900	1.980	.99072	.05904	-.01241	.80095	.58608	1.36662	.00823	.00016	-.00159	-.02565
3.900	4.015	.98869	.06029	-.01118	.79862	.58595	1.36297	.00821	-.00420	-.00438	-.04685
3.900	6.029	.98588	.06158	-.01014	.79567	.58537	1.35926	.00823	-.00854	-.00747	-.06763
3.900	8.061	.98277	.06274	-.00887	.79268	.58432	1.35659	.00831	-.01279	-.01086	-.08838

RUN NO. 60 / 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.044	.97525	.06178	-.00729	.78322	.58438	1.34025	.00619	.01626	.01011	.05523
4.600	-4.016	.97781	.06071	-.00751	.78618	.58456	1.34492	.00616	.01217	.00665	.03622
4.600	-1.993	.97850	.06063	-.00787	.78684	.58482	1.34542	.00616	.00803	.00387	.01711
4.600	-1.006	.98063	.06091	-.00770	.78824	.58653	1.34391	.00616	.00594	.00257	.00775
4.600	-.019	.98052	.06109	-.00719	.78815	.58650	1.34382	.00622	.00379	.00117	-.00215
4.600	.969	.97971	.06130	-.00680	.78744	.58610	1.34353	.00622	.00165	.00006	-.01162
4.600	1.976	.97865	.06166	-.00640	.78646	.58570	1.34278	.00619	-.00050	-.00133	-.02151
4.600	4.008	.97513	.06247	-.00613	.78324	.58422	1.34065	.00619	-.00475	-.00432	-.04076
4.600	6.019	.97478	.06392	-.00585	.78181	.58571	1.33479	.00622	-.00863	-.00769	-.05936
4.600	8.047	.96960	.06505	-.00548	.77702	.58360	1.33144	.00625	-.01238	-.01114	-.07799

## LA75 TABULATED SAOUCE DATA

PAGE 144

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM104)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 144/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.069	.61434	.07800	-.03015	.55029	.28405	1.93732	.01350	.01203	.00638	.07711
2.860	-4.032	.61394	.07958	-.02755	.54950	.28513	1.92716	.01426	.00700	.00649	.04482
2.860	-2.000	.61397	.08177	-.02249	.54871	.28734	1.90961	.01464	.00276	.00497	.01668
2.860	-1.009	.61448	.08196	-.02191	.54913	.28768	1.90883	.01486	.00152	.00256	.00678
2.860	.002	.61331	.08184	-.02176	.54808	.28716	1.90863	.01492	.00016	-.00024	-.00388
2.860	.976	.61259	.08206	-.02173	.54737	.28703	1.90699	.01465	-.00110	-.00294	-.01318
2.860	2.006	.61542	.08174	-.02319	.55010	.28779	1.91146	.01454	-.00260	-.00503	-.02368
2.860	4.047	.61702	.07874	-.02782	.55257	.28564	1.93451	.01445	-.00693	-.00617	-.05287
2.860	6.066	.61963	.07770	-.02973	.55514	.28600	1.94103	.01390	-.01227	-.00581	-.08477
2.860	8.066	.61907	.07780	-.03103	.55468	.28572	1.94130	.01407	-.01698	-.00599	-.11725

RUN NO. 149/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.034	.50904	.07043	-.01427	.45155	.24533	1.84057	.00880	.01106	.00514	.07000
3.900	-4.022	.51042	.07036	-.01327	.45292	.24565	1.84375	.00883	.00700	.00478	.04255
3.900	-1.996	.50968	.07238	-.00960	.45158	.24715	1.82718	.00885	.00309	.00401	.01662
3.900	-1.007	.51013	.07248	-.00897	.45203	.24730	1.82788	.00880	.00211	.00198	.00816
3.900	-.018	.50971	.07248	-.00937	.45165	.24712	1.82763	.00870	.00095	-.00004	-.00094
3.900	.971	.50971	.07299	-.00938	.45147	.24760	1.82336	.00868	-.00045	-.00185	-.01052
3.900	1.980	.50972	.07280	-.01048	.45157	.24740	1.82526	.00873	-.00167	-.00363	-.02028
3.900	4.015	.51320	.07105	-.01367	.45541	.24703	1.84354	.00880	-.00564	-.00419	-.04608
3.900	6.047	.51295	.07137	-.01417	.45504	.24728	1.84018	.00885	-.00959	-.00424	-.07233
3.900	8.059	.51274	.07186	-.01441	.45466	.24769	1.83561	.00905	-.01362	-.00490	-.09854

RUN NO. 151/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.025	.50201	.06924	-.01076	.44410	.24410	1.81930	.00683	.01041	.00654	.05978
4.600	-4.015	.50302	.06844	-.01075	.44541	.24356	1.82873	.00692	.00656	.00520	.03520
4.600	-1.992	.50260	.06882	-.00988	.44493	.24368	1.82584	.00692	.00267	.00412	.01180
4.600	-1.004	.50244	.06909	-.00948	.44472	.24382	1.82399	.00689	.00140	.00249	.00269
4.600	-.018	.50242	.06882	-.00970	.44481	.24353	1.82649	.00686	.00029	.00047	.00535
4.600	.970	.50346	.06878	-.01007	.44580	.24385	1.82820	.00686	-.00082	-.00154	-.01336
4.600	1.920	.50349	.06849	-.01090	.44595	.24356	1.83092	.00686	-.00216	-.00278	-.02330
4.600	+0.010	.50332	.06857	-.01211	.44578	.24355	1.83035	.00692	-.00636	-.00335	-.04749
4.600	6.039	.50434	.06975	-.01234	.44628	.24507	1.82107	.00699	-.00999	-.00459	-.07060
4.600	8.068	.50351	.07081	-.01179	.44512	.24578	1.81106	.00705	-.01337	-.00602	-.09423

## LA75 TABULATED SAUCE DATA

PAGE 145

LARC UPWT 1173(LA75)B26C9E43F8M16N26R5V8W

(RJH105)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDWRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 143/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.069	.58829	.07614	-.01015	.52649	.27329	1.92647	.01371	.01433	.00580	.07829
2.860	-4.051	.58350	.07763	-.00725	.52624	.27466	1.91599	.01420	.00975	.00600	.04500
2.860	-2.000	.58599	.08004	-.00161	.52298	.27621	1.89341	.01473	.00607	.00456	.01688
2.860	-1.027	.58682	.08037	-.00050	.52368	.27671	1.89252	.01492	.00485	.00216	.00667
2.860	.002	.58639	.07956	-.00091	.52352	.27587	1.89770	.01537	.00366	-.00035	-.00284
2.860	.976	.58572	.08011	-.00014	.52275	.27609	1.89342	.01511	.00256	-.00327	-.01294
2.860	2.006	.58659	.07981	-.00106	.52361	.27620	1.89576	.01482	.00134	-.00530	-.02378
2.860	4.028	.58771	.07727	-.00520	.52553	.27421	1.91650	.01467	-.00261	-.00637	-.05242
2.860	6.067	.58852	.07603	-.00664	.52674	.27329	1.92738	.01409	-.00754	-.00563	-.08582
2.860	8.066	.58716	.07681	-.00720	.52520	.27355	1.91996	.01388	-.01196	-.00593	-.11772

RUN NO. 148/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.034	.48824	.06896	.00118	.43262	.23659	1.82862	.00883	.01286	.00482	.07104
3.900	-4.022	.48946	.06888	.00255	.43387	.23680	1.83222	.00890	.00905	.00447	.04396
3.900	-1.996	.48802	.07109	.00660	.43181	.23824	1.81249	.00890	.00544	.00379	.01838
3.900	-1.007	.48852	.07122	.00712	.43227	.23846	1.81280	.00883	.00451	.00177	.00924
3.900	-.019	.48718	.07117	.00709	.43105	.23791	1.81179	.00878	.00339	-.00026	.00009
3.900	.990	.48742	.07164	.00697	.43111	.23844	1.80804	.00878	.00229	-.00212	-.00938
3.900	1.979	.48703	.07143	.00623	.43084	.23808	1.80966	.00888	.00106	-.00384	-.01920
3.900	4.014	.48946	.06971	.00330	.43372	.23731	1.82762	.00892	-.00263	-.00431	-.04466
3.900	6.065	.48980	.07002	.00290	.43388	.23781	1.82451	.00895	-.00645	-.00427	-.07089
3.900	8.059	.48963	.07066	.00289	.43348	.23837	1.81855	.00902	-.01038	-.00515	-.09774

RUN NO. 155/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.025	.47906	.06771	.00391	.42315	.23457	1.80393	.00683	.01193	.00664	.06017
4.600	-4.016	.48030	.06709	.00451	.42460	.23431	1.81210	.00689	.00827	.00530	.03602
4.600	-1.973	.48026	.06765	.00569	.42441	.23474	1.80797	.00689	.00453	.00424	.01220
4.600	-1.005	.47871	.06802	.00600	.42285	.23449	1.80328	.00689	.00340	.00261	.00266
4.600	-.018	.47917	.06767	.00591	.42343	.23429	1.80735	.00692	.00232	.00050	-.00537
4.600	.971	.47878	.06769	.00573	.42307	.23414	1.80692	.00692	.00129	-.00151	-.01385
4.600	1.996	.47955	.06721	.00502	.42396	.23397	1.81204	.00695	-.00009	-.00255	-.02384
4.600	4.009	.48034	.06713	.00378	.42478	.23410	1.81454	.00702	-.00399	-.00321	-.04746
4.600	6.039	.47995	.06834	.00389	.42385	.23511	1.80275	.00702	-.00740	-.00435	-.07062
4.600	8.049	.47858	.06933	.00460	.42232	.23558	1.79270	.00708	-.01046	-.00566	-.09420

## LA75 TABULATED SAOUCE DATA

PAGE 146

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH106)

## PARAMETRIC DATA

ALPHA =	20.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	70.000
RUDDER =	-10.000	BDFLAP =	.000

## REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 IN. XO
LREF =	474.8000 INCHES	YMRP =	.0000 IN. YO
BREF =	935.6800 INCHES	ZMRP =	375.0000 IN. ZO
SCALE =	.0150		

		RUN NO.	173/ 0	RN/L =	.00										
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
2.860	-6.051	.61498	.07566	-.02936	.55150	.28244	1.95259	.01445	.01011	.00947	.07227				
2.860	-4.033	.61410	.08028	-.02358	.54928	.28610	1.91993	.01469	.00478	.01001	.03817				
2.860	-2.002	.61229	.08405	-.01629	.54640	.28881	1.89189	.01473	.00024	.00903	.00963				
2.860	-1.010	.61348	.08314	-.01742	.54788	.28825	1.90070	.01471	-.00084	.00525	.00003				
2.860	-.018	.61391	.08171	-.01876	.54871	.28719	1.91064	.01467	-.00226	.00369	-.01020				
2.860	.974	.61430	.08132	-.01946	.54922	.28693	1.91414	.01471	-.00351	.00101	-.01988				
2.860	2.023	.61621	.08037	-.02129	.55125	.28687	1.92161	.01477	-.00469	-.00136	-.02975				
2.860	4.046	.61706	.07740	-.02550	.55305	.28440	1.94460	.01473	-.00835	-.00370	-.05675				
2.860	6.084	.61727	.07807	-.02529	.55303	.28508	1.93994	.01474	-.01345	-.00347	-.08805				
2.860	8.084	.61594	.07897	-.02498	.55154	.28533	1.93299	.01520	-.01805	-.00418	-.12001				
		RUN NO.	157/ 0	RN/L =	.00										
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
3.900	-6.035	.51505	.06862	-.01604	.45771	.24594	1.86107	.00862	.00978	.00692	.06821				
3.900	-4.023	.51511	.06991	-.01295	.45742	.24697	1.85215	.00869	.00558	.00685	.04050				
3.900	-1.978	.51387	.07272	-.00771	.45533	.24906	1.82819	.00874	.00163	.00615	.01439				
3.900	-1.008	.51499	.07208	-.00854	.45665	.24876	1.83569	.00869	.00078	.00384	.00580				
3.900	-.020	.51581	.07193	-.00911	.45750	.24887	1.83833	.00864	-.00067	.00226	-.00375				
3.900	.970	.51609	.07195	-.00962	.45776	.24895	1.83873	.00864	-.00194	.00045	-.01289				
3.900	1.997	.51662	.07090	-.01137	.45865	.24811	1.84855	.00869	-.00292	-.00170	-.02210				
3.900	4.014	.51780	.07057	-.01275	.45987	.24824	1.85249	.00874	-.00661	-.00272	-.04689				
3.900	6.046	.51715	.07241	-.01137	.45858	.24978	1.83590	.00877	-.01047	-.00300	-.07317				
3.900	8.059	.51597	.07337	-.01072	.45712	.25029	1.82639	.00894	-.01422	-.00442	-.09815				
		RUN NO.	163/ 0	RN/L =	.00										
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY				
4.600	-6.026	.50291	.06643	-.01139	.44578	.24210	1.84130	.00679	.00950	.00745	.06085				
4.600	-4.017	.50346	.06672	-.00997	.44626	.24243	1.84075	.00682	.00562	.00639	.03649				
4.600	-1.993	.50294	.06784	-.00799	.44541	.24323	1.83121	.00685	.00188	.00502	.01349				
4.600	-1.006	.50231	.06786	-.00803	.44484	.24297	1.83082	.00682	.00059	.00349	.00394				
4.600	-.019	.50326	.06739	-.00846	.44591	.24286	1.83608	.00678	-.00059	.00156	-.00411				
4.600	.969	.50413	.06644	-.00978	.44709	.24223	1.84573	.00682	-.00161	-.00035	-.01157				
4.600	1.995	.50417	.06618	-.01032	.44722	.24200	1.84797	.00682	-.00306	-.00187	-.02244				
4.600	4.008	.50425	.06776	-.00978	.44675	.24347	1.83495	.00685	-.00713	-.00247	-.04591				
4.600	6.033	.50368	.06974	-.00855	.44548	.24516	1.81711	.00694	-.01051	-.00411	-.06777				
4.600	8.048	.50245	.07141	-.00749	.44374	.24628	1.80179	.00700	-.01372	-.00563	-.09144				

## LA75 TABULATED SAUCE DATA

PAGE 147

LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W

(RJH107)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 172/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.59004	.07350	-.00938	.52869	.27210	1.94299	.01450	.01254	.00902	.07381
2.860	-4.033	.58574	.07745	-.00350	.52373	.27350	1.91490	.01471	.00734	.00997	.03851
2.860	-2.002	.58324	.08151	.00415	.52003	.27637	1.88166	.01480	.00335	.00918	.01080
2.860	-1.010	.58389	.08054	.00315	.52110	.27544	1.89184	.01491	.00236	.00630	.00068
2.860	-.018	.58642	.07946	.00214	.52358	.27582	1.89826	.01490	.00111	.00358	-.01028
2.860	.994	.58540	.07902	.00151	.52371	.27539	1.90172	.01480	-.00005	.00096	-.01999
2.860	2.004	.58790	.07796	.00003	.52549	.27488	1.91172	.01484	-.00097	-.00135	-.02903
2.860	4.045	.58920	.07549	-.00299	.52745	.27323	1.93039	.01492	-.00413	-.00373	-.05553
2.860	6.065	.58615	.07637	-.00223	.52434	.27290	1.92134	.01479	-.00885	-.00335	-.08889
2.860	8.102	.58581	.07743	-.00151	.52365	.27378	1.91270	.01507	-.01306	-.00412	-.11902

RUN NO. 161/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.054	.49516	.06693	-.00042	.43949	.23772	1.84873	.00877	.01151	.00685	.06824
3.900	-4.023	.49434	.06838	.00319	.43829	.23865	1.83657	.00874	.00755	.00677	.04043
3.900	-1.997	.49223	.07157	.00874	.43524	.24079	1.80753	.00877	.00389	.00593	.01434
3.900	-1.008	.49321	.07077	.00792	.43647	.24034	1.81601	.00879	.00319	.00377	.00614
3.900	-.019	.49284	.07063	.00773	.43620	.24001	1.81742	.00872	.00178	.00220	-.00418
3.900	.970	.49497	.07057	.00704	.43822	.24069	1.82070	.00874	.00072	.00026	-.01283
3.900	1.997	.49535	.06963	.00565	.43892	.23993	1.82933	.00882	-.00038	-.00175	-.02216
3.900	4.014	.49615	.06931	.00452	.43981	.23988	1.83347	.00887	-.00379	-.00276	-.04791
3.900	6.065	.49618	.07134	.00624	.43909	.24184	1.81562	.00889	-.00747	-.00304	-.07304
3.900	8.058	.49458	.07216	.00688	.43727	.24210	1.80613	.00897	-.01091	-.00445	-.09796

RUN NO. 167/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.007	.48550	.06505	.00302	.42997	.23467	1.83220	.00682	.01109	.00738	.06100
4.600	-4.017	.48579	.06540	.00520	.43018	.23497	1.83078	.00688	.00740	.00631	.03704
4.600	-1.993	.48458	.06682	.00737	.42857	.23581	1.81746	.00682	.00378	.00496	.01311
4.600	-1.006	.48413	.06695	.00748	.42814	.23570	1.81645	.00682	.00254	.00352	.00400
4.600	-.019	.48390	.06637	.00681	.42817	.23503	1.82174	.00688	.00160	.00141	-.00395
4.600	.969	.48502	.06531	.00561	.42959	.23444	1.83241	.00688	.00063	-.00069	-.01184
4.600	1.995	.48514	.06492	.00522	.42986	.23410	1.83621	.00694	-.00071	-.00183	-.02230
4.600	4.008	.48467	.06663	.00593	.42884	.23546	1.82128	.00694	-.00460	-.00260	-.04572
4.600	6.038	.48319	.06873	.00719	.42669	.23693	1.80086	.00697	-.00783	-.00413	-.06850
4.600	8.048	.48224	.07012	.00853	.42530	.23789	1.78777	.00707	-.01079	-.00565	-.09169



## LA75 TABULATED SAOUCE DATA

PAGE 148

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH108)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 70/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.050	.61621	.08002	-.02573	.54960	.28992	1.89568	.01364	.01182	.00653	.07751
2.860	-4.033	.61423	.08222	-.02284	.54751	.29029	1.88606	.01432	.00701	.00646	.04602
2.860	-2.001	.61232	.08610	-.01561	.54446	.29310	1.85758	.01447	.00265	.00515	.01755
2.860	-1.008	.61258	.08660	-.01502	.54466	.29342	1.85624	.01443	.00134	.00235	.00661
2.860	-.017	.61204	.08638	-.01522	.54422	.29305	1.85708	.01453	.00023	-.00051	-.00258
2.860	.976	.61317	.08656	-.01505	.54507	.29389	1.85469	.01441	-.00102	-.00350	-.01180
2.860	1.987	.61355	.08586	-.01641	.54564	.29340	1.85970	.01441	-.00253	-.00577	-.02267
2.860	4.047	.61782	.08185	-.02294	.55099	.29121	1.89205	.01421	-.00662	-.00700	-.04991
2.860	6.085	.61619	.08063	-.02468	.54990	.28948	1.89959	.01359	-.01194	-.00635	-.08269
2.860	8.103	.61769	.08102	-.02620	.55127	.29018	1.89973	.01358	-.01694	-.00636	-.11573

RUN NO. 76/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.053	.50686	.07345	-.01272	.44747	.24914	1.79609	.00820	.01056	.00538	.06876
3.900	-4.022	.50843	.07333	-.01185	.44907	.24944	1.80033	.00825	.00640	.00525	.04094
3.900	-1.996	.50779	.07612	-.00706	.44749	.25179	1.77724	.00840	.00265	.00478	.01522
3.900	-1.006	.50856	.07639	-.00620	.44805	.25243	1.77492	.00827	.00155	.00236	.00641
3.900	-.018	.50884	.07609	-.00675	.44843	.25223	1.77784	.00823	.00047	.00027	-.00263
3.900	.991	.50931	.07682	-.00651	.44850	.25308	1.77255	.00827	-.00074	-.00169	-.01110
3.900	1.999	.51002	.07628	-.00822	.44947	.25282	1.77780	.00835	-.00189	-.00377	-.02107
3.900	4.015	.51292	.07413	-.01237	.45295	.25184	1.79853	.00822	-.00583	-.00401	-.04682
3.900	6.047	.51299	.07461	-.01278	.45283	.25233	1.79458	.00820	-.01008	-.00391	-.07423
3.900	8.060	.51208	.07520	-.01311	.45176	.25258	1.78860	.00827	-.01413	-.00465	-.10041

RUN NO. 83/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.025	.49886	.07174	-.00975	.43924	.24713	1.77735	.00644	.00955	.00703	.05918
4.600	-4.016	.49888	.07118	-.00971	.43953	.24650	1.78312	.00641	.00573	.00587	.03541
4.600	-1.992	.50140	.07170	-.00861	.44153	.24818	1.77906	.00638	.00175	.00518	.01150
4.600	-1.005	.50108	.07214	-.00789	.44108	.24846	1.77527	.00639	.00055	.00335	.00239
4.600	-.018	.50012	.07180	-.00808	.44031	.24779	1.77696	.00638	-.00048	.00114	-.00518
4.600	.970	.50053	.07174	-.00813	.44074	.24784	1.77833	.00644	-.00149	-.00107	-.01318
4.600	1.996	.50129	.07093	-.00917	.44176	.24733	1.78610	.00647	-.00284	-.00230	-.02266
4.600	+0.09	.50163	.07121	-.01053	.44202	.24763	1.78503	.00644	-.00705	-.00278	-.04728
4.600	6.039	.50148	.07221	-.01119	.44149	.24856	1.77617	.00647	-.01075	-.00383	-.07000
4.600	8.048	.50071	.07352	-.01063	.44030	.24949	1.76481	.00644	-.01402	-.00524	-.09450

LA75 TABULATED SAUCE DATA

PAGE 149

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(RJM109)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 71/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.069	.58744	.07816	-.00608	.52379	.27720	1.88955	.01407	.01402	.00618	.07809
2.860	-4.032	.58748	.08029	-.00235	.52327	.27888	1.87628	.01439	.00944	.00631	.04525
2.860	-2.000	.58609	.08420	.00522	.52044	.28236	1.84321	.01467	.00578	.00480	.01721
2.860	-1.008	.58543	.08442	.00609	.51978	.28229	1.84129	.01473	.00471	.00223	.00731
2.860	.002	.58506	.08409	.00598	.51953	.28187	1.84312	.01500	.00371	-.00051	-.00162
2.860	.995	.58498	.08443	.00654	.51933	.28217	1.84049	.01481	.00263	-.00349	-.01087
2.860	2.006	.58557	.08409	.00554	.52006	.28196	1.84446	.01459	.00143	-.00580	-.02164
2.860	4.047	.58731	.08008	-.00067	.52304	.27887	1.87561	.01439	-.00256	-.00691	-.05087
2.860	6.066	.58686	.07915	-.00191	.52293	.27788	1.88188	.01351	-.00744	-.00612	-.08415
2.860	8.085	.58621	.07972	-.00266	.52216	.27811	1.87756	.01353	-.01199	-.00635	-.11666

RUN NO. 77/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.034	.48759	.07222	.00238	.42986	.24122	1.78201	.00830	.01234	.00523	.06844
3.900	-4.022	.48870	.07217	.00351	.43099	.24142	1.78520	.00832	.00843	.00518	.04096
3.900	-1.996	.48746	.07512	.00868	.42882	.24368	1.75979	.00842	.00489	.00457	.01528
3.900	-1.007	.48647	.07521	.00981	.42789	.24334	1.75842	.00845	.00399	.00231	.00678
3.900	-.018	.48825	.07489	.00934	.42958	.24383	1.76184	.00845	.00295	.00015	-.00257
3.900	.972	.48806	.07577	.00973	.42910	.24459	1.75438	.00845	.00182	-.00189	-.01139
3.900	1.980	.48888	.07527	.00848	.43000	.24447	1.75890	.00850	.00088	-.00374	-.02034
3.900	4.015	.49160	.07303	.00422	.43337	.24329	1.78130	.00837	-.00291	-.00412	-.04673
3.900	6.047	.49074	.07349	.00418	.43238	.24346	1.77595	.00830	-.00693	-.00394	-.07379
3.900	8.060	.48973	.07421	.00397	.43119	.24375	1.76303	.00827	-.01082	-.00467	-.10033

RUN NO. 82/ 0 RN/L = .00

MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.043	.47822	.07038	.00459	.42052	.23835	1.76427	.00631	.01125	.00675	.05925
4.600	-4.015	.47962	.06981	.00504	.42209	.23822	1.77181	.00631	.00753	.00561	.03509
4.600	-2.011	.48071	.07069	.00651	.42276	.23949	1.76524	.00634	.00383	.00502	.01162
4.600	-1.024	.47915	.07112	.00742	.42117	.23928	1.76017	.00641	.00266	.00319	.00248
4.600	-.018	.47965	.07076	.00704	.42166	.23932	1.76192	.00641	.00179	.00080	-.00543
4.600	.990	.47954	.07068	.00700	.42159	.23920	1.76250	.00644	.00085	-.00140	-.01387
4.600	2.015	.48020	.07001	.00612	.42246	.23879	1.76918	.00644	-.00046	-.00263	-.02335
4.600	4.009	.48101	.07005	.00474	.42324	.23906	1.77045	.00641	-.00443	-.00301	-.04704
4.600	6.039	.48091	.07119	.00467	.42271	.23902	1.76040	.00641	-.00791	-.00385	-.07022
4.600	8.048	.47904	.07251	.00528	.42049	.24067	1.74715	.00641	-.01095	-.00536	-.09376

LAT5 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJM110)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XM RP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	89/ 0	RN/L = .00									
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
2.860	-6.052	.61297	.07901	-.02724	.54876	.28431	1.93011	.01314	.01048	.00878	.07567		
2.860	-4.034	.61350	.08300	-.02141	.54763	.28875	1.89654	.01410	.00520	.00950	.04216		
2.860	-2.002	.60962	.08727	-.01294	.54264	.29119	1.86351	.01448	.00069	.00851	.01314		
2.860	-.992	.61106	.08632	-.01397	.54433	.29077	1.87207	.01448	-.00031	.00549	.00412		
2.860	-.019	.61221	.08489	-.01551	.54592	.28979	1.88385	.01446	-.00180	.00316	-.00614		
2.860	.973	.61292	.08415	-.01636	.54686	.28931	1.89025	.01440	-.00303	.00037	-.01582		
2.860	2.004	.61270	.08286	-.01841	.54708	.28806	1.89920	.01440	-.00400	-.00235	-.02531		
2.860	4.027	.61531	.07893	-.02381	.55085	.28530	1.93078	.01429	-.00749	-.00507	-.05209		
2.860	6.065	.61584	.07953	-.02381	.55111	.28613	1.92611	.01416	-.01302	-.00450	-.08455		
2.860	8.064	.61436	.08090	-.02354	.54934	.28671	1.91605	.01451	-.01758	-.00504	-.11631		

		RUN NO.	94/ 0	RN/L = .00									
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
3.900	-6.035	.50662	.07076	-.01392	.44938	.24439	1.83875	.00818	.00993	.00685	.06969		
3.900	-4.042	.50763	.07232	-.01094	.44977	.24621	1.82681	.00813	.00568	.00693	.04157		
3.900	-1.997	.50685	.07573	-.00496	.44791	.24901	1.79875	.00826	.00160	.00659	.01564		
3.900	-1.027	.50621	.07502	-.00528	.44759	.24807	1.80424	.00833	.00067	.00427	.00697		
3.900	-.001	.50734	.07479	-.00573	.44873	.24824	1.80764	.00838	-.00056	.00225	-.00246		
3.900	.970	.50682	.07454	-.00671	.44838	.24775	1.80931	.00841	-.00179	.00045	-.01190		
3.900	1.978	.50788	.07324	-.00873	.44983	.24690	1.82191	.00846	-.00293	-.00163	-.02112		
3.900	4.033	.51119	.07259	-.01090	.45294	.24785	1.82746	.00845	-.00678	-.00249	-.04661		
3.900	6.046	.51062	.07443	-.00376	.45174	.24941	1.81126	.00843	-.01062	-.00277	-.07262		
3.900	8.058	.51042	.07559	-.00947	.45115	.25041	1.80161	.00840	-.01422	-.00419	-.09761		

		RUN NO.	101/ 0	RN/L = .00									
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY		
4.600	-6.045	.50219	.06851	-.01026	.44449	.24355	1.82505	.00657	.00950	.00767	.06291		
4.600	-4.017	.50072	.06917	-.00847	.44294	.24353	1.81881	.00654	.00558	.00668	.03891		
4.600	-1.994	.50120	.07043	-.00608	.44292	.24492	1.80844	.00658	.00168	.00560	.01535		
4.600	-1.006	.50012	.07066	-.00551	.44185	.24472	1.80550	.07654	.00039	.00406	.00573		
4.600	-.019	.50096	.06964	-.00655	.44300	.24405	1.81524	.00661	-.00072	.00205	-.00221		
4.600	.969	.50203	.06840	-.00818	.44444	.24329	1.82677	.00664	-.00156	-.00043	-.00949		
4.600	1.976	.50198	.06770	-.00918	.44466	.24257	1.83314	.00661	-.00289	-.00175	-.01984		
4.600	4.027	.50184	.06982	-.00816	.44381	.24444	1.81563	.00664	-.00723	-.00206	-.04434		
4.600	6.038	.50130	.07197	-.00725	.44252	.24630	1.79668	.00654	-.01070	-.00351	-.06666		
4.600	8.047	.50060	.07348	-.00622	.44123	.24742	1.78330	.00657	-.01397	-.00503	-.09028		

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

## LA75 TABULATED SAUCE DATA

PAGE 151

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(RJH111)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 88/ 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-6.052	.58814	.07696	-.00749	.52598	.27418	1.91835	.01335	.01280	.00828	.07617
2.860	-4.034	.58563	.08125	-.00035	.52234	.27699	1.88575	.01389	.00780	.00917	.04188
2.860	-2.002	.58112	.08553	.00855	.51672	.27931	1.85000	.01457	.00381	.00809	.01322
2.860	-1.010	.58220	.08437	.00754	.51816	.27853	1.86036	.01480	.00291	.00519	.00419
2.860	.000	.58494	.08292	.00625	.52089	.27876	1.86862	.01435	.00173	.00293	-.00572
2.860	.993	.58414	.08216	.00553	.52055	.27749	1.87589	.01479	.00065	-.00009	-.01592
2.860	1.985	.58577	.08099	.00365	.52240	.27711	1.88516	.01451	-.00028	-.00263	-.02516
2.860	4.026	.58656	.07729	-.00122	.52441	.27391	1.91456	.01459	-.00338	-.00510	-.05202
2.860	6.065	.58603	.07812	-.00067	.52361	.27453	1.90729	.01412	-.00834	-.00444	-.08489
2.860	8.064	.58500	.07965	.00029	.52216	.27553	1.89510	.01438	-.01260	-.00509	-.11612

RUN NO. 95/ 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-6.035	.48594	.06949	.00155	.43051	.23586	1.82531	.00828	.01172	.00670	.07001
3.900	-4.023	.48917	.07088	.00482	.43293	.23851	1.81515	.00836	.00777	.00678	.04231
3.900	-1.998	.48762	.07433	.01107	.43024	.24123	1.78352	.00860	.00396	.00645	.01640
3.900	-1.008	.48759	.07380	.01109	.43044	.24064	1.78871	.00860	.00303	.00413	.00735
3.900	-.020	.48743	.07358	.01069	.43037	.24039	1.79026	.00863	.00194	.00212	-.00243
3.900	.950	.48810	.07315	.00956	.43115	.24021	1.79491	.00868	.00092	.00033	-.01071
3.900	2.016	.48886	.07195	.00744	.43229	.23934	1.80617	.00863	.00001	-.00196	-.02019
3.900	4.032	.48945	.07135	.00580	.43308	.23895	1.81248	.00850	-.00365	-.00267	-.04542
3.900	6.046	.48853	.07331	.00741	.43151	.24047	1.79444	.00843	-.00746	-.00288	-.07185
3.900	8.058	.48648	.07440	.00786	.42919	.24082	1.78225	.00838	-.01087	-.00420	-.09720

RUN NO. 100/ 0 RN/L = .00											
MACH	BETA	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-6.026	.48152	.06732	.00406	.42566	.23497	1.81158	.00632	.01118	.00749	.06347
4.600	-4.036	.48096	.06793	.00642	.42496	.23525	1.80639	.00639	.00738	.00662	.03854
4.600	-1.994	.47978	.06953	.00920	.42334	.23623	1.79204	.00645	.00369	.00554	.01542
4.600	-1.006	.48011	.06974	.00960	.42353	.23663	1.78984	.00651	.00254	.00391	.00589
4.600	-.019	.48044	.06874	.00873	.42422	.23577	1.79929	.00661	.00153	.00190	-.00206
4.600	.969	.48161	.06744	.00694	.42565	.23521	1.80969	.00661	.00080	-.00057	-.00974
4.600	1.976	.48218	.06676	.00636	.42642	.23477	1.81631	.00661	-.00054	-.00180	-.01969
4.600	4.008	.48159	.06869	.00737	.42522	.23631	1.79944	.00661	-.00471	-.00220	-.04415
4.600	6.057	.48087	.07068	.00845	.42388	.23782	1.78235	.00661	-.00798	-.00363	-.06691
4.600	8.047	.47915	.07237	.00968	.42167	.23879	1.76589	.00657	-.01094	-.00524	-.09049

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH112)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES. YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.115 ELEVON = 10.000  
 BETA = .000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-5.035	.66506	.08984	-.06503	.59360	.31307	1.89603	.01382	-.01018	.00867	-.01228
2.860	-4.035	.66305	.08896	-.06419	.59233	.31095	1.90488	.01384	-.00886	.00786	-.01225
2.860	-2.004	.66109	.08782	-.06335	.59090	.30917	1.91123	.01380	-.00587	.00633	-.01145
2.860	-1.026	.65969	.08708	-.06217	.58985	.30798	1.91522	.01376	-.00441	.00553	-.01114
2.860	.028	.66102	.08744	-.06316	.59098	.30877	1.91396	.01370	-.00300	.00481	-.01108
2.860	.979	.66148	.08771	-.06368	.59132	.30918	1.91254	.01369	-.00153	.00403	-.01079
2.860	1.984	.66293	.08836	-.06462	.59247	.31026	1.90962	.01372	.00002	.00308	-.01039
2.860	4.029	.66289	.08938	-.06491	.59211	.31117	1.90288	.01372	.00305	.00151	-.00938
2.860	5.036	.66384	.09030	-.06568	.59266	.31239	1.89718	.01376	.00456	.00068	-.00928

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH113)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.078 ELEVON = 10.000  
 BETA = 3.000 SPOBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.987	.66676	.08834	-.06945	.59591	.31187	1.91079	.01414	-.01518	.00252	-.04593
2.860	-4.013	.66476	.08720	-.06790	.59445	.31005	1.91724	.01412	-.01366	.00177	-.04544
2.860	-2.010	.66494	.08641	-.06777	.59491	.30935	1.92309	.01407	-.01064	.00014	-.04468
2.860	-.986	.66355	.08577	-.06673	.59384	.30824	1.92654	.01405	-.00907	-.00071	-.04437
2.860	.012	.66384	.08583	-.06711	.59409	.30840	1.92639	.01407	-.00787	-.00139	-.04419
2.860	1.021	.66371	.08598	-.06728	.59395	.30843	1.92576	.01409	-.00638	-.00224	-.04369
2.860	1.943	.66381	.08650	-.06760	.59389	.30891	1.92250	.01410	-.00499	-.00285	-.04321
2.860	3.957	.66398	.08732	-.06758	.59377	.30971	1.91719	.01416	-.00202	-.00454	-.04279
2.860	5.024	.66382	.08800	-.06771	.59341	.31027	1.91259	.01421	-.00048	-.00533	-.04258

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(RJH114)

## REFERENCE DATA

SREF = 2690.0000 FT.50. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.036 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 255/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-5.021	.59690	.06981	-.01197	.53685	.27009	1.98767	.01510	-.00321	-.00085	-.00222
2.860	-3.997	.59478	.06956	-.01112	.53495	.26913	1.98771	.01512	-.00237	-.00093	-.00269
2.860	-2.014	.59457	.06930	-.01064	.53485	.26879	1.98985	.01514	-.00114	-.00099	-.00191
2.860	-1.002	.59491	.06924	-.01055	.53520	.26882	1.99091	.01512	-.00049	-.00101	-.00202
2.860	-.004	.59426	.06926	-.01058	.53458	.26864	1.98993	.01512	.00026	-.00109	-.00157
2.860	.998	.59390	.06942	-.01045	.53419	.26867	1.98829	.01504	.00090	-.00117	-.00196
2.860	2.004	.59339	.06956	-.01056	.53366	.26863	1.98664	.01502	.00167	-.00119	-.00149
2.860	3.967	.59595	.06978	-.01151	.53600	.26968	1.98755	.01497	.00302	-.00128	-.00126
2.860	5.005	.59648	.07009	-.01172	.53638	.27019	1.98522	.01493	.00370	-.00136	-.00104
2.860	6.033	.59592	.07037	-.01225	.53576	.27025	1.98246	.01491	.00456	-.00142	-.00129
2.860	7.998	.59763	.07112	-.01346	.53711	.27154	1.97803	.01487	.00597	-.00145	-.00102
2.860	9.987	.60061	.07216	-.01547	.53955	.27353	1.97252	.01484	.00746	-.00157	-.00114

RUN NO. 264/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-5.034	.49302	.06546	-.00077	.43865	.23439	1.87146	.00845	-.00195	-.00039	-.00024
3.900	-4.044	.49225	.06524	-.00017	.43803	.23388	1.87288	.00848	-.00132	-.00036	-.00017
3.900	-1.988	.49353	.06497	.00027	.43908	.23453	1.87221	.00845	-.00019	-.00046	.00009
3.900	-1.057	.49307	.06500	.00031	.43867	.23432	1.87209	.00848	.00015	-.00044	.00016
3.900	-.011	.49323	.06493	.00044	.43887	.23428	1.87328	.00850	.00076	-.00049	.00031
3.900	1.016	.49276	.06500	.00059	.43842	.23415	1.87236	.00850	.00118	-.00047	.00038
3.900	2.001	.49346	.06512	.00038	.43906	.23447	1.87251	.00850	.00175	-.00058	.00023
3.900	3.981	.49370	.06534	-.00023	.43925	.23467	1.87177	.00853	.00283	-.00053	.00092
3.900	5.024	.49375	.06560	-.00064	.43921	.23491	1.86971	.00850	.00339	-.00057	.00113
3.900	5.969	.49485	.06580	-.00120	.44021	.23543	1.86984	.00853	.00395	-.00061	.00136
3.900	8.004	.49625	.06632	-.00238	.44135	.23638	1.86715	.00853	.00519	-.00076	.00152
3.900	10.019	.49752	.06710	-.00411	.44229	.23751	1.86222	.00853	.00640	-.00083	.00172

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM114)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.036 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 266/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-4.994	.48318	.06338	.00133	.42864	.23183	1.84891	.00641	-.00202	.00018	-.00184
4.600	-3.983	.48248	.06307	.00193	.42810	.23129	1.85087	.00648	-.00156	.00020	-.00181
4.600	-1.951	.48304	.06292	.00254	.42871	.23129	1.85351	.00660	-.00058	.00005	-.00160
4.600	-1.006	.48169	.06294	.00260	.42743	.23085	1.85153	.00660	-.00018	.00007	-.00154
4.600	.013	.48204	.06295	.00247	.42775	.23098	1.85186	.00663	.00026	.00009	-.00140
4.600	.930	.48178	.06304	.00250	.42749	.23095	1.85100	.00660	.00068	.00002	-.00174
4.600	2.013	.48237	.06314	.00237	.42800	.23125	1.85081	.00663	.00108	.00004	-.00162
4.600	3.970	.48293	.06328	.00183	.42848	.23159	1.85020	.00663	.00207	-.00010	-.00127
4.600	5.051	.48191	.06349	.00145	.42745	.23141	1.84712	.00657	.00258	-.00016	-.00110
4.600	5.993	.48340	.06365	.00087	.42879	.23210	1.84740	.00657	.00311	-.00013	-.00132
4.600	7.997	.48491	.06399	-.00011	.43008	.23296	1.84618	.00657	.00414	-.00035	-.00132
4.600	9.995	.48687	.06466	-.00165	.43167	.23428	1.84255	.00657	.00529	-.00037	-.00125

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJM115)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.046 ELEVON = -10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 256/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-4.994	.59726	.06911	-.01453	.53739	.26965	1.99296	.01484	-.00763	-.00622	-.03747
2.860	-3.972	.59690	.06873	-.01348	.53716	.26920	1.99540	.01491	-.00688	-.00625	-.03718
2.860	-2.021	.59615	.06864	-.01289	.53649	.26885	1.99548	.01491	-.00563	-.00631	-.03669
2.860	-1.025	.59512	.06857	-.01266	.53555	.26843	1.99508	.01500	-.00496	-.00640	-.03657
2.860	-.015	.59518	.06860	-.01245	.53558	.26851	1.99465	.01500	-.00420	-.00641	-.03640
2.860	1.011	.59506	.06867	-.01240	.53547	.26849	1.99436	.01502	-.00348	-.00649	-.03647
2.860	1.988	.59515	.06884	-.01245	.53549	.26870	1.99290	.01504	-.00282	-.00651	-.03631
2.860	3.996	.59545	.06916	-.01289	.53566	.26911	1.99050	.01499	-.00144	-.00655	-.03646
2.860	5.017	.59566	.06944	-.01301	.53577	.26941	1.98867	.01497	-.00064	-.00662	-.03594
2.860	3.005	.59552	.06977	-.01321	.53554	.26964	1.98614	.01493	.00008	-.00664	-.03575
2.860	7.991	.59666	.07073	-.01421	.53628	.27093	1.97941	.01484	.00162	-.00667	-.03547
2.860	10.029	.59869	.07177	-.01584	.53785	.27258	1.97320	.01480	.00302	-.00680	-.03542

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH115)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XM RP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YM RP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZM RP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.046 ELEVON = -10.000  
 BETA = 3.000 SPOBRK = 52.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 265/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-4.989	.49791	.06527	-.00255	.44310	.23630	1.87513	.00870	-.00588	-.00409	-.03171
3.900	-3.976	.49715	.06512	-.00195	.44245	.23588	1.87575	.00870	-.00523	-.00421	-.03126
3.900	-1.976	.49733	.06487	-.00124	.44269	.23574	1.87791	.00872	-.00429	-.00425	-.03111
3.900	-1.025	.49633	.06491	-.00131	.44173	.23544	1.87624	.00872	-.00381	-.00430	-.03099
3.900	.005	.49590	.06486	-.00116	.44134	.23523	1.87619	.00872	-.00329	-.00420	-.03055
3.900	.987	.49601	.06483	-.00114	.44146	.23525	1.87659	.00872	-.00268	-.00440	-.03036
3.900	1.986	.49562	.06500	-.00121	.44102	.23530	1.87433	.00870	-.00217	-.00437	-.03059
3.900	4.005	.49661	.06517	-.00163	.44189	.23580	1.87398	.00867	-.00123	-.00439	-.02992
3.900	5.018	.49727	.06539	-.00183	.44244	.23622	1.87302	.00870	-.00066	-.00443	-.03009
3.900	6.007	.49778	.06556	-.00237	.44285	.23657	1.87191	.00867	-.00012	-.00463	-.02984
3.900	7.985	.49808	.06619	-.00341	.44291	.23727	1.86672	.00867	.00106	-.00471	-.02975
3.900	9.949	.50043	.06694	-.00495	.44484	.23880	1.86281	.00860	.00227	-.00470	-.02957

RUN NO. 267/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-4.990	.48635	.06285	.00014	.43175	.23254	1.85671	.00670	-.00652	-.00306	-.03379
4.600	-3.979	.48428	.06270	.00064	.42989	.23163	1.85591	.00667	-.00599	-.00303	-.03375
4.600	-2.014	.48409	.06265	.00112	.42973	.23152	1.85615	.00663	-.00508	-.00328	-.03354
4.600	-.996	.48314	.06258	.00130	.42888	.23109	1.85593	.00663	-.00467	-.00326	-.03347
4.600	-.006	.48387	.06260	.00130	.42957	.23135	1.85681	.00667	-.00427	-.00315	-.03340
4.600	.996	.48402	.06260	-.00148	.42971	.23138	1.85717	.00670	-.00365	-.00322	-.03236
4.600	2.019	.48431	.06252	.00148	.43002	.23139	1.85841	.00673	-.00328	-.00320	-.03225
4.600	3.983	.48414	.06281	.00097	.42977	.23160	1.85566	.00673	-.00228	-.00334	-.03237
4.600	5.002	.48449	.06302	.00071	.43003	.23190	1.85435	.00670	-.00184	-.00341	-.03219
4.600	5.986	.48502	.06322	.00030	.43046	.23226	1.85336	.00670	-.00131	-.00338	-.03155
4.600	7.965	.48609	.06371	-.00066	.43130	.23307	1.85049	.00667	-.00036	-.00351	-.03205
4.600	9.974	.48805	.06445	-.00206	.43286	.23448	1.84601	.00660	.00080	-.00363	-.03153



## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(RJM116)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.069 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

		RUN NO. 64/ 0		RN/L = .00							
MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-5.018	.59681	.07310	-.00942	.53548	.27346	1.95818	.01468	-.00628	.00456	-.01193
2.860	-4.021	.59577	.07280	-.00912	.53463	.27278	1.95993	.01475	-.00556	.00442	-.01209
2.860	-2.025	.59635	.07257	-.00840	.53525	.27278	1.96224	.01477	-.00420	.00437	-.01154
2.860	-1.032	.59412	.07255	-.00821	.53317	.27199	1.96021	.01479	-.00345	.00429	-.01142
2.860	-.035	.59549	.07248	-.00814	.53448	.27240	1.96208	.01481	-.00291	.00420	-.01151
2.860	1.015	.59512	.07254	-.00809	.53409	.27235	1.96100	.01483	-.00213	.00413	-.01133
2.860	1.965	.59580	.07270	-.00824	.53486	.27277	1.96013	.01481	-.00143	.00405	-.01167
2.860	3.981	.59603	.07299	-.00910	.53478	.27311	1.95811	.01481	.00007	.00397	-.01117
2.860	4.973	.59683	.07323	-.00942	.53545	.27361	1.95696	.01481	.00070	.00395	-.01122
2.860	5.966	.59824	.07347	-.00992	.53668	.27436	1.95614	.01483	.00141	.00382	-.01095
2.860	7.997	.59948	.07502	-.01096	.53731	.27623	1.94515	.01481	.00272	.00395	-.01100
2.860	9.941	.60188	.07774	-.01278	.53863	.27961	1.92638	.01472	.00425	.00395	-.01114

		RUN NO. 35/ 0		RN/L = .00							
MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-5.013	.49406	.06847	.00019	.43836	.23797	1.84208	.00809	-.00387	.00362	-.00751
3.900	-3.971	.49301	.06823	.00092	.43745	.23737	1.84289	.00818	-.00317	.00358	-.00743
3.900	-2.025	.49254	.06793	.00140	.43713	.23693	1.84495	.00821	-.00225	.00362	-.00728
3.900	-1.056	.49246	.06786	.00130	.43707	.23684	1.84545	.00823	-.00185	.00356	-.00716
3.900	-.022	.49241	.06785	.00144	.43704	.23679	1.84570	.00823	-.00134	.00359	-.00670
3.900	1.021	.49212	.06785	.00170	.43677	.23668	1.84538	.00826	-.00088	.00361	-.00698
3.900	2.016	.49224	.06794	.00128	.43685	.23681	1.84474	.00826	-.00027	.00357	-.00677
3.900	4.009	.49331	.06819	.00086	.43778	.23740	1.84405	.00826	.00066	.00355	-.00646
3.900	4.945	.49274	.06848	.00037	.43714	.23747	1.84082	.00833	.00124	.00351	-.00625
3.900	5.960	.49389	.06911	-.00026	.43799	.23847	1.83670	.00831	.00179	.00354	-.00636
3.900	8.021	.49513	.07144	-.00105	.43834	.24108	1.81822	.00831	.00285	.00369	-.00668
3.900	10.032	.49722	.07405	-.00319	.43938	.24425	1.79886	.00831	.00407	.00371	-.00674

## LA75 TABULATED SAOUCE DATA

PAGE 157

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH116)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.069 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	51/ 0	RN/L =	.00						
MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-5.024	.49674	.06782	.00120	.43973	.24080	1.82612	.00574	-.00370	.00323	-.00636
4.600	-3.979	.49543	.06747	.00170	.43863	.24001	1.82758	.00597	-.00306	.00316	-.00627
4.600	-1.977	.49457	.06707	.00219	.43797	.23932	1.83008	.00622	-.00215	.00310	-.00611
4.600	-1.008	.49435	.06692	.00235	.43783	.23910	1.83111	.00628	-.00177	.00312	-.00604
4.600	-.009	.49420	.06695	.00223	.43769	.23906	1.83090	.00628	-.00133	.00305	-.00590
4.600	1.012	.49459	.06684	.00253	.43810	.23907	1.83251	.00635	-.00039	.00317	-.00584
4.600	1.977	.49457	.06694	.00227	.43804	.23916	1.83161	.00635	-.00044	.00309	-.00568
4.600	4.007	.49484	.06708	.00172	.43826	.23936	1.83096	.00635	.00042	.00305	-.00539
4.600	4.937	.49468	.06731	.00119	.43803	.23952	1.82879	.00635	.00098	.00289	-.00560
4.600	5.992	.49654	.06770	.00091	.43964	.24051	1.82796	.00635	.00152	.00292	-.00495
4.600	8.005	.49749	.06919	.00004	.44000	.24224	1.81641	.00632	.00250	.00298	-.00547
4.600	9.945	.49933	.07250	-.00170	.44054	.24598	1.79096	.00632	.00359	.00316	-.00539

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH117)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.056 ELEVON = -10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

		RUN NO.	65/ 0	RN/L =	.00						
MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
2.860	-5.016	.59897	.07099	-.01348	.53831	.27209	1.97842	.01479	-.01028	-.00183	-.04541
2.860	-4.000	.59725	.07073	-.01247	.53678	.27125	1.97890	.01479	-.00943	-.00192	-.04514
2.860	-2.034	.59763	.07062	-.01200	.53717	.27129	1.98006	.01479	-.00814	-.00197	-.04484
2.860	-.997	.59753	.07055	-.01172	.53712	.27117	1.98076	.01479	-.00755	-.00206	-.04498
2.860	.002	.59698	.07061	-.01149	.53659	.27100	1.97999	.01479	-.00681	-.00202	-.04485
2.860	.969	.59611	.07080	-.01116	.53569	.27091	1.97739	.01475	-.00608	-.00210	-.04473
2.860	1.977	.59664	.07091	-.01131	.53617	.27117	1.97724	.01476	-.00537	-.00212	-.04450
2.860	3.997	.59636	.07125	-.01182	.53579	.27139	1.97425	.01472	-.00390	-.00216	-.04408
2.860	4.989	.59664	.07155	-.01186	.53595	.27177	1.97210	.01468	-.00323	-.00224	-.04419
2.860	3.002	.59710	.07181	-.01225	.53631	.27215	1.97067	.01464	-.00246	-.00225	-.04391
2.860	7.994	.59852	.07322	-.01323	.53718	.27390	1.96127	.01460	-.00106	-.00222	-.04400
2.860	9.999	.59948	.07615	-.01448	.53709	.27697	1.93913	.01456	.00038	-.00201	-.04404

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(RJH117)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.056 ELEVON = -10.000  
 BETA = 3.000 SPOBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 37/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
3.900	-4.957	.49605	.06777	-.00236	.44044	.23805	1.85017	.00831	-.00771	-.00074	-.03876
3.900	-4.007	.49436	.06760	-.00162	.43889	.23734	1.84921	.00836	-.00706	-.00080	-.03872
3.900	-2.019	.49454	.06736	-.00103	.43913	.23721	1.85125	.00838	-.00608	-.00090	-.03853
3.900	-1.020	.49444	.06725	-.00113	.43909	.23705	1.85234	.00843	-.00569	-.00088	-.03842
3.900	-.023	.49511	.06728	-.00089	.43967	.23739	1.85212	.00843	-.00516	-.00093	-.03830
3.900	1.005	.49418	.06734	-.00084	.43877	.23713	1.85034	.00843	-.00466	-.00098	-.03819
3.900	2.017	.49369	.06747	-.00079	.43827	.23708	1.84862	.00843	-.00419	-.00096	-.03809
3.900	3.988	.49425	.06770	-.00130	.43871	.23749	1.84730	.00846	-.00318	-.00105	-.03774
3.900	5.021	.49592	.06785	-.00164	.44019	.23827	1.84746	.00846	-.00250	-.00086	-.03717
3.900	8.010	.49636	.07034	-.00297	.43975	.24070	1.82697	.00833	-.00120	-.00084	-.03911
3.900	9.952	.49903	.07278	-.00479	.44138	.24395	1.80932	.00841	-.00003	-.00082	-.03921

RUN NO. 52/ 0 RN/L = .00

MACH	AILRON	CN	CA	CLM	CL	CD	L/D	CAB	CBL	CYN	CY
4.600	-5.001	.49863	.06641	-.00027	.44198	.24020	1.84000	.00644	-.00755	-.00061	-.03559
4.600	-3.996	.49736	.06631	.00037	.44082	.23966	1.83941	.00644	-.00701	-.00069	-.03554
4.600	-2.007	.49642	.06623	.00086	.43998	.23924	1.83904	.00641	-.00617	-.00074	-.03540
4.600	-1.004	.49689	.06621	.00086	.44044	.23937	1.83998	.00638	-.00576	-.00072	-.03529
4.600	.013	.49618	.06627	.00091	.43975	.23918	1.83862	.00638	-.00525	-.00089	-.03515
4.600	.992	.49607	.06617	.00123	.43969	.23902	1.83958	.00641	-.00481	-.00087	-.03508
4.600	2.014	.49690	.06621	.00109	.44046	.23936	1.84019	.00641	-.00427	-.00085	-.03449
4.600	3.986	.49750	.06639	.00054	.44096	.23974	1.83935	.00644	-.00345	-.00090	-.03417
4.600	5.022	.49694	.06667	.00031	.44033	.23979	1.83632	.00644	-.00290	-.00097	-.03401
4.600	5.998	.49795	.06682	.00003	.44123	.24027	1.83639	.00648	-.00247	-.00094	-.03430
4.600	8.016	.49920	.06823	-.00100	.44190	.24204	1.82570	.00648	-.00143	-.00096	-.03433
4.600	9.957	.50015	.07191	-.00255	.44146	.24583	1.79576	.00638	-.00047	-.00079	-.03477

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM001)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 1/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.371	-.01869	-.00231	-.01509	-.01740	.01279	.00657	396.42440
2.860	-2.330	-.01852	-.00811	-.02089	-.02900	.01279	.00676	395.53863
2.860	-.278	-.01825	-.01101	-.02379	-.03480	.01279	.00681	395.92375
2.860	1.740	-.01786	-.01071	-.02989	-.04060	.01918	.00680	395.80821
2.860	3.782	-.01813	-.01681	-.02959	-.04640	.01279	.00687	395.86598
2.860	5.795	-.01825	-.02261	-.03539	-.05800	.01279	.00705	395.84672
2.860	7.814	-.01821	-.04551	-.06469	-.11020	.01918	.00716	395.65416
2.860	11.919	-.01809	-.08901	-.10819	-.19720	.01918	.00737	395.90449
2.860	15.966	-.01763	-.12470	-.12470	-.24940	.00000	.00761	395.67342
2.860	20.077	-.01737	-.02066	.04966	.02900	-.07032	.00752	395.71193
2.860	24.151	-.01753	-.06594	.04274	.02320	-.10868	.00739	395.69267
2.860	28.253	-.01775	-.15129	.04689	-.10440	-.19818	.00750	395.78895
2.860	32.297	-.01796	-.13448	.07648	-.05800	-.21097	.00771	396.19333

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM002)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BOFLAP = .000

RUN NO. 6/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.349	3.01578	-.00722	-.03918	-.04640	.03197	.00660	396.40515
2.860	-2.314	3.01467	-.00692	-.04528	-.05220	.03836	.00674	396.25110
2.860	-.307	3.01382	-.02142	-.05978	-.08120	.03836	.00689	396.38589
2.860	1.713	3.01328	-.02432	-.06268	-.08700	.03836	.00695	396.46292
2.860	3.765	3.01323	.01977	-.03137	-.01160	.05114	.00698	396.46292
2.860	5.817	3.01310	.00557	-.05197	-.04640	.05754	.00708	396.27036
2.860	7.837	3.01289	-.00603	-.06357	-.06960	.05754	.00726	396.25110
2.860	11.953	3.01302	-.03131	-.04409	-.07540	.01279	.00751	396.36664
2.860	15.995	3.01399	-.03019	-.00461	-.03480	-.02557	.00774	396.44366
2.860	20.066	3.01511	-.01799	-.00521	-.02320	-.01279	.00773	396.57845
2.860	24.128	3.01616	-.03190	-.03190	-.06380	.00000	.00763	396.28961
2.860	28.211	3.01629	-.02959	-.01681	-.04640	-.01279	.00777	396.23184
2.860	32.330	3.01676	.00603	.06357	.06960	-.05754	.00773	396.46292

## LA75 TABULATED SAOUCE DATA

PAGE 161

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM003)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 2/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.364	-.01869	-10.00360	.03341	-9.97020	-10.03701	.00652	395.55788
2.860	-2.336	-.01856	-10.01550	.02790	-9.98760	-10.04340	.00652	395.61565
2.860	-.308	-.01869	-10.03610	.01370	-10.02240	-10.04980	.00662	395.75044
2.860	1.708	-.01863	-10.06829	-.01211	-10.08040	-10.05619	.00658	395.84672
2.860	3.745	-.01835	-10.08019	-.01761	-10.09780	-10.06258	.00669	395.69267
2.860	5.812	-.01824	-10.06220	-.01240	-10.07460	-10.04980	.00686	395.76970
2.860	7.837	-.01848	-10.05060	-.00080	-10.05140	-10.04980	.00696	395.86598
2.860	11.899	-.01840	-10.06569	-.00311	-10.06980	-10.06258	.00722	395.92375
2.860	15.982	-.01802	-10.00390	.03950	-9.96440	-10.04340	.00772	396.17408
2.860	20.052	-.01786	-10.01870	.03110	-9.98760	-10.04980	.00783	396.23184
2.860	24.120	-.01742	-10.04480	.00500	-10.03980	-10.04980	.00762	395.80821
2.860	28.240	-.01796	-10.05959	-.00341	-10.06300	-10.05619	.00749	396.05854
2.860	32.315	-.01806	-10.01112	.00032	-10.01080	-10.01144	.00752	395.73119

## LA75 TABULATED SAOUCE DATA

PAGE 162

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH004)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 5/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.345	3.01548	-9.97744	-.00436	-9.98180	-9.97308	.00663	396.28961
2.860	-2.318	3.01461	-9.98644	-.00696	-9.99340	-9.97947	.00664	396.28961
2.860	-.340	3.01383	-9.99543	-.00957	-10.00500	-9.98587	.00661	396.52068
2.860	1.731	3.01343	-10.00153	-.00927	-10.01080	-9.99226	.00669	396.34738
2.860	3.752	3.01304	-10.01053	-.01187	-10.02240	-9.99865	.00676	396.19333
2.860	5.821	3.01304	-10.02242	-.01738	-10.03980	-10.00504	.00689	396.34738
2.860	7.839	3.01268	-10.02562	-.01418	-10.03980	-10.01144	.00701	396.80953
2.860	11.893	3.01283	-10.04130	-.00429	-10.04560	-10.03701	.00733	396.21259
2.860	15.968	3.01370	-10.05379	.00239	-10.05140	-10.05619	.00768	396.27036
2.860	20.073	3.01529	-10.02829	.04069	-9.98760	-10.06897	.00782	396.36664
2.860	24.139	3.01602	-10.00153	-.00927	-10.01080	-9.99226	.00769	396.52068
2.860	28.234	3.01656	-10.00733	-.01507	-10.02240	-9.99226	.00762	396.38589
2.860	32.327	3.01642	-10.03432	-.02288	-10.05720	-10.01144	.00757	396.53994

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 163

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM005)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 3/ 0 RN/L = .00

MACH	ALPHA	ECTA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.355	-.02065	-9.96102	4.97302	-4.98800	-14.93405	.00654	396.28961
2.860	-2.322	-.02029	-9.98600	4.98640	-4.99960	-14.97241	.00659	396.30887
2.860	-.287	-.01985	-10.02519	4.97919	-5.04600	-15.00437	.00673	396.34738
2.860	1.759	-.01927	-9.99127	5.03227	-4.95900	-15.02355	.00675	396.23184
2.860	3.741	-.01902	-10.01276	5.03636	-4.97640	-15.04912	.00682	396.25110
2.860	5.784	-.01902	-10.03105	5.03725	-4.99380	-15.06830	.00690	396.02003
2.860	7.812	-.01886	-10.05573	5.04453	-5.01120	-15.10027	.00700	395.42309
2.860	11.910	-.01866	-10.06124	5.03264	-5.02860	-15.09387	.00734	395.42309
2.860	15.976	-.01820	-10.06302	5.06922	-4.99380	-15.13223	.00762	395.88523
2.860	20.064	-.01785	-10.07781	5.06081	-5.01700	-15.13862	.00773	395.92375
2.860	24.129	-.01760	-10.13149	5.03909	-5.09240	-15.17059	.00755	396.19333
2.860	28.219	-.01751	-10.00749	4.99049	-5.01700	-14.99798	.00753	395.98151
2.860	32.325	-.01753	-9.99760	4.97480	-5.02280	-14.97241	.00759	395.88523



## LA75 TABULATED SAOUCE DATA

PAGE 184

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM006)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 4/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.360	3.01433	-10.01128	5.00588	-5.00540	-15.01716	.00664	396.07780
2.860	-2.332	3.01317	-10.03566	5.00706	-5.02860	-15.04273	.00670	396.13556
2.860	-.295	3.01256	-10.00785	5.06045	-4.94740	-15.06830	.00681	395.84672
2.860	1.713	3.01242	-10.02584	5.05524	-4.97060	-15.08109	.00690	396.13556
2.860	3.763	3.01204	-10.04384	5.05004	-4.99380	-15.09387	.00688	396.05854
2.860	5.795	3.01233	-10.06822	5.05122	-5.01700	-15.11944	.00699	396.17408
2.860	7.824	3.01226	-9.96244	4.93964	-5.02280	-14.90208	.00709	396.30887
2.860	11.906	3.01227	-9.95954	4.94254	-5.01700	-14.90208	.00739	396.09705
2.860	15.975	3.01323	-9.97055	4.91875	-5.05180	-14.88930	.00769	396.27036
2.860	20.075	3.01450	-9.97582	4.96462	-5.01120	14.94044	.00780	396.28961
2.860	24.150	3.01577	-10.02317	5.00037	-5.02280	-15.02355	.00771	396.23184
2.860	28.240	3.01654	-10.04845	5.01985	-5.02860	-15.06830	.00768	396.02003
2.860	32.320	3.01686	-10.05952	5.05992	-4.99960	-15.11944	.00759	396.38589

## LA75 TABULATED SAOUCE DATA

PAGE 165

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH007)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 278/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.350	-.02028	.03427	-.01687	.01740	.05114	.00656	395.98151
2.860	-2.328	-.01989	.04386	-.02646	.01740	.07032	.00678	397.61828
2.860	-.282	-.01976	.05345	-.03605	.01740	.08950	.00687	396.28961
2.860	1.729	-.01951	.05404	-.04824	.00580	.10229	.00688	395.34607
2.860	3.752	-.01911	.05144	-.05724	-.00580	.10868	.00694	395.30755
2.860	5.846	-.01907	.02125	-.06185	-.04060	.08311	.00707	395.73119
2.860	7.905	-.01932	-.00893	-.06647	-.07540	.05754	.00720	395.50011
2.860	11.958	-.01893	-.10588	-.07392	-.17980	-.03197	.00749	395.65416
2.860	15.971	-.01857	-.18135	-.08545	-.26680	-.09590	.00766	395.34607
2.860	20.075	-.01777	-.10140	.08400	-.01740	-.18540	.00772	394.84541
2.860	24.113	-.01747	-.15307	.08347	-.06960	-.23654	.00759	395.07648
2.860	28.212	-.01766	-.00112	-.03948	-.04060	.03836	.00774	395.28830
2.860	32.417	-.01712	-.01183	-.06937	-.08120	.05754	.00781	395.51937

## LA75 TABULATED SAOUCE DATA

PAGE 166

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH008)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 279/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.334	-.02045	-10.00904	-.04236	-10.05140	-9.96669	.00647	395.46160
2.860	-2.275	-.02020	-9.99514	-.01566	-10.01080	-9.97947	.00654	395.65416
2.860	-.271	-.01964	-10.00123	-.01537	-10.01660	-9.98587	.00664	395.42309
2.860	1.756	-.01977	-10.00443	-.01217	-10.01660	-9.99226	.00666	395.53863
2.860	3.773	-.01961	-10.00502	.00002	-10.00500	-10.00504	.00672	395.26904
2.860	5.805	-.01939	-10.02651	.00411	-10.02240	-10.03062	.00700	395.44235
2.860	7.841	-.01933	-10.00733	-.01507	-10.02240	-9.99226	.00708	395.46160
2.860	11.893	-.01913	-3.98934	-.00986	-9.99920	-9.97947	.00742	395.48086
2.860	15.975	-.01894	-10.00413	-.01827	-10.02240	-9.98587	.00777	395.42309
2.860	20.041	-.01797	-10.03402	-.02898	-10.06300	-10.00504	.00789	395.09574
2.860	24.207	-.01776	-10.02710	.01630	-10.01080	-10.04340	.00780	395.46160
2.860	28.194	-.01777	-9.99052	.01452	-9.97600	-10.00504	.00771	395.69267
2.860	32.371	-.01735	-9.99603	.00263	-9.99340	-9.99865	.00771	395.26904

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM009)

## PARAMETRIC DATA

BETA	=	.000	ELEVON	=	-10.000
AILRON	=	5.000	SPOBRK	=	25.000
RUDDER	=	-10.000	BDFLAP	=	.000

## REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.7000	IN. XO
LREF	=	474.8000	INCHES	YMRP	=	.0000	IN. YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN. ZO
SCALE	=	.0150					

RUN NO. 280/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.357	-.02167	-10.02116	5.02156	-4.99960	-15.04273	.00651	395.15350
2.860	-2.311	-.02109	-10.02696	5.01576	-5.01120	-15.04273	.00658	395.46160
2.860	-.272	-.02086	-10.03247	5.00387	-5.02860	-15.03634	.00671	395.34607
2.860	1.720	-.02032	-10.02317	5.00037	-5.02280	-15.02355	.00679	395.28930
2.860	3.808	-.02019	-10.02927	5.00067	-5.02860	-15.02994	.00685	395.32681
2.860	5.812	-.02000	-10.04555	5.02275	-5.02280	-15.06830	.00702	395.23053
2.860	7.856	-.01990	-10.00660	4.97220	-5.03440	-14.97880	.00718	395.26904
2.860	11.911	-.01946	-10.00571	4.95391	-5.05180	-14.95962	.00740	395.38458
2.860	16.006	-.01900	-9.99932	4.94752	-5.05180	-14.94683	.00760	395.19202
2.860	20.038	-.01829	-10.01447	5.00907	-5.00540	-15.02355	.00791	395.30755
2.860	24.139	-.01786	-9.99701	4.96261	-5.03440	-14.95962	.00771	395.21127
2.860	28.289	-.01757	-9.98132	4.95272	-5.02860	-14.93405	.00772	395.11499
2.860	32.364	-.01680	-9.99292	4.94112	-5.05180	-14.93405	.00777	395.36532

## LA75 TABULATED SAUCE DATA

PAGE 168

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6W

(SJM010)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 281/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.360	3.01239	-9.85874	4.87074	-4.98800	-14.72947	.00663	395.36532
2.860	-2.318	3.01143	-10.00258	5.01458	-4.98800	-15.01716	.00671	395.57714
2.860	-.284	3.01096	-10.01187	5.01807	-4.99380	-15.02994	.00684	395.80821
2.860	1.728	3.01082	-10.02756	5.02796	-4.99960	-15.05552	.00692	395.67342
2.860	3.805	3.01069	-9.96943	4.95823	-5.01120	-14.92766	.00702	395.59639
2.860	5.803	3.01083	-9.95114	4.95734	-4.99380	-14.90848	.00715	395.84672
2.860	7.869	3.01076	-9.95054	4.94514	-5.00540	-14.89569	.00722	395.80821
2.860	11.933	3.01091	-9.99085	4.89845	-5.09240	-14.88930	.00747	395.90449
2.860	15.961	3.01192	-9.96244	4.93964	-5.02280	-14.90208	.00776	395.86598
2.860	20.078	3.01385	-10.00518	5.00558	-4.99960	-15.01076	.00790	395.73119
2.860	24.154	3.01509	-10.06384	5.02364	-5.04020	-15.08748	.00784	395.75044
2.860	28.219	3.01584	-9.96013	4.95473	-5.00540	-14.91487	.00789	395.71193
2.860	32.355	3.01652	-9.97895	4.90395	-5.07500	-14.88290	.00789	395.63491

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 169

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM011)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 102/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.338	-.01938	.04528	.00692	.05220	.03836	.00671	394.34475
2.860	-2.311	-.01956	.03279	.01361	.04640	.01918	.00689	395.75044
2.860	-.300	-.01914	.02060	.01420	.03480	.00639	.00693	395.59639
2.860	1.755	-.01892	.00811	.02089	.02900	-.01279	.00693	395.57714
2.860	3.830	-.01856	-.00728	.02468	.01740	-.03197	.00700	396.03928
2.860	5.765	-.01875	-.05315	.02995	-.02320	-.08311	.00717	395.40383
2.860	7.821	-.01875	.02155	-.06795	-.04640	.08950	.00727	395.40383
2.860	11.926	-.01854	-.06676	-.00283	-.06960	-.06393	.00756	396.67473
2.860	15.988	-.01839	-.00082	-.04558	-.04640	.04475	.00774	395.57714
2.860	20.100	-.01782	-.04445	.03865	-.00580	-.08311	.00769	396.73250
2.860	24.177	-.01777	-.10951	.06311	-.04640	-.17261	.00756	395.55788
2.860	28.222	-.01808	.00811	.02089	.02900	-.01279	.00774	396.71325
2.860	32.284	-.01811	-.05114	.05114	.00000	-.10229	.00778	395.92375

RUN NO. 108/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.696	-.01886	-.00320	.00320	.00000	-.00639	.00419	300.99898
3.900	-1.655	-.01876	.00000	.00000	.00000	.00000	.00422	300.91878
3.900	.350	-.01882	-.00610	.00030	-.00580	-.00639	.00425	300.88671
3.900	2.359	-.01888	-.00929	.00349	-.00580	-.01279	.00425	300.71028
3.900	4.386	-.01870	-.03486	.02906	-.00580	-.06393	.00425	300.75840
3.900	6.392	-.01897	.01338	-.02498	-.01160	.03836	.00431	300.72632
3.900	8.457	-.01897	.03379	-.01539	-.01160	.01918	.00434	300.63009
3.900	12.482	-.01883	-.01480	-.00340	-.02320	-.00639	.00438	300.64613
3.900	16.538	-.01845	.02705	-.05605	-.02900	.08311	.00445	300.58197
3.900	20.568	-.01827	-.00722	-.03918	-.04640	.03197	.00438	300.55791
3.900	24.718	-.01829	-.03457	.02297	-.01160	-.05754	.00434	300.52584
3.900	28.757	-.01794	.00438	-.02758	-.02320	.03197	.00436	300.51782
3.900	32.858	-.01796	-.03569	-.01651	-.05220	-.01918	.00440	300.54187

## LA75 TABULATED SAUCE DATA

PAGE 170

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH011)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 115/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.208	.00052	-.02528	.01948	-.00580	-.04475	.00314	235.21854
4.600	-1.262	.00056	-.03167	.02587	-.00580	-.05754	.00312	235.08501
4.600	.735	.00048	-.03457	.02297	-.01160	-.05754	.00312	234.95148
4.600	2.777	.00044	.00059	-.01219	-.01160	.01279	.00312	235.01825
4.600	4.791	.00062	.00089	-.01829	-.01740	.01918	.00312	235.01825
4.600	6.779	.00075	.00119	-.02439	-.02320	.02557	.00315	234.95148
4.600	8.817	.00079	.00468	-.03368	-.02900	.03836	.00315	234.95148
4.600	12.844	.00080	.00297	-.06096	-.05800	.06393	.00321	234.95148
4.600	16.890	.00120	.01279	-.01279	.00000	.02557	.00324	234.88472
4.600	20.973	.00132	-.04646	.01747	-.02900	-.06393	.00321	234.88472
4.600	24.972	.00124	-.03776	.02616	-.01160	-.06393	.00319	234.95148
4.600	29.038	.00135	-.03309	-.00751	-.04060	-.02557	.00322	234.88472
4.600	33.062	.00142	.01249	-.00669	.00580	.01918	.00319	234.88472

## LA75 TABULATED SAUCE DATA

PAGE 171

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH012)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 112/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.687	3.00709	-.00610	.00030	-.00580	-.00639	.00419	300.68622
3.900	-1.688	3.00638	-.00870	-.00870	-.01740	.00000	.00419	300.75840
3.900	.349	3.00585	-.01450	-.01450	-.02900	.00000	.00425	300.71028
3.900	2.379	3.00531	-.01420	-.02060	-.03480	.00639	.00427	300.71028
3.900	4.362	3.00506	-.01681	-.02959	-.04640	.01279	.00429	300.66216
3.900	6.438	3.00492	.01219	-.00059	.01160	.01279	.00431	300.63009
3.900	8.465	3.00466	.00959	-.00959	.00000	.01918	.00434	300.61405
3.900	12.537	3.00464	-.00432	-.03628	-.04060	.03197	.00442	300.63009
3.900	16.506	3.00504	-.03480	-.03480	-.06960	.00000	.00447	300.63811
3.900	20.626	3.00604	-.06535	-.03055	-.03480	-.09590	.00447	300.58999
3.900	24.648	3.00659	-.04699	-.03421	-.08120	-.01279	.00448	300.65415
3.900	28.727	3.00642	-.02290	-.02930	-.05220	.00639	.00449	300.62207
3.900	32.726	3.00641	-.12513	.00913	-.11600	-.13425	.00448	300.64613



## LA75 TABULATED SAOUCE DATA

PAGE 172

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH013)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 103/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.380	-.01936	-9.99514	-.01566	-10.01080	-9.97947	.00658	396.53994
2.860	-2.295	-.01933	-10.00123	-.01537	-10.01660	-9.98587	.00663	395.55788
2.860	-.307	-.01911	-10.00413	-.01827	-10.02240	-9.98587	.00674	395.65416
2.860	1.717	-.01870	-10.01372	-.00868	-10.02240	-10.00504	.00671	396.25110
2.860	3.758	-.01872	-10.00852	.00932	-9.99920	-10.01783	.00678	395.84672
2.860	5.880	-.01865	-9.99194	-.01886	-10.01080	-9.97308	.00700	395.57714
2.860	7.848	-.01877	-9.99774	-.02466	-10.02240	-9.97308	.00710	396.55920
2.860	11.875	-.01873	-10.00005	-.03975	-10.03980	-9.96029	.00740	395.17276
2.860	16.010	-.01828	-10.00094	-.02146	-10.02240	-9.97947	.00777	396.75176
2.860	20.034	-.01787	-9.99573	-.00347	-9.99920	-9.99226	.00794	395.42309
2.860	24.172	-.01763	-10.01722	.00062	-10.01660	-10.01783	.00784	396.03928
2.860	28.231	-.01773	-10.01952	-.01448	-10.03400	-10.00504	.00770	396.57845
2.860	32.360	-.01794	-10.00212	.00292	-9.99920	-10.00504	.00762	395.26904

RUN NO. 109/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.649	-.01915	-9.98673	-.00087	-9.98760	-9.98587	.00414	301.03908
3.900	-1.641	-.01895	-9.98644	-.00696	-9.99340	-9.97947	.00416	300.82255
3.900	.361	-.01903	-9.99833	-.01247	-10.01080	-9.98587	.00418	300.70226
3.900	2.393	-.01899	-10.01573	-.02987	-10.04560	-9.98587	.00419	300.75840
3.900	4.440	-.01905	-9.99893	-.00027	-9.99920	-9.99865	.00420	300.77444
3.900	6.430	-.01899	-9.99603	.00263	-9.99340	-9.99865	.00430	300.64613
3.900	8.416	-.01890	-9.99603	.00263	-9.99340	-9.99865	.00431	300.57395
3.900	12.467	-.01888	-10.00792	-.00288	-10.01080	-10.00504	.00440	300.70226
3.900	16.626	-.01869	-10.03231	-.00169	-10.03400	-10.03062	.00441	300.75840
3.900	20.624	-.01831	-10.00070	.03631	-9.96440	-10.03701	.00437	300.68622
3.900	24.664	-.01842	-10.00212	.00292	-9.99920	-10.00504	.00437	300.75840
3.900	28.746	-.01819	-10.00792	-.00288	-10.01080	-10.00504	.00437	300.73434
3.900	32.850	-.01829	-10.00473	-.00607	-10.01080	-9.99865	.00437	300.70226

## LA75 TABULATED SAOUCE DATA

PAGE 173

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM013)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 116/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.266	.00055	-10.00532	.00612	-9.99920	-10.01144	.00312	235.01825
4.600	-1.280	.00058	-10.00532	.00612	-9.99920	-10.01144	.00308	235.01825
4.600	.764	.00056	-10.00822	.00322	-10.00500	-10.01144	.00310	235.08501
4.600	2.772	.00074	-10.01402	.00258	-10.01660	-10.01144	.00308	235.15178
4.600	4.777	.00071	-10.01722	.00062	-10.01660	-10.01783	.00312	234.95148
4.600	6.570	.00061	-10.02012	.00229	-10.02240	-10.01783	.00315	235.01825
4.600	8.800	.00077	-10.01692	.00548	-10.02240	-10.01144	.00319	235.01825
4.600	12.848	.00109	-10.01662	.01158	-10.02820	-10.00504	.00322	235.35207
4.600	16.888	.00116	-10.02272	.01128	-10.03400	-10.01144	.00324	235.28531
4.600	20.944	.00129	-10.00502	.00002	-10.00500	-10.00504	.00324	235.28531
4.600	24.982	.00122	-10.01372	.00868	-10.02240	-10.00504	.00322	235.35207
4.600	29.061	.00152	-10.02302	.00518	-10.02820	-10.01783	.00322	235.28531
4.600	33.124	.00135	-10.04450	.00110	-10.04560	-10.04340	.00319	235.35207

## LA75 TABULATED SAOUCE DATA

PAGE 174

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM014)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 104/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.385	-.02055	-9.93137	4.92597	-5.00540	-14.85733	.00669	395.03797
2.860	-2.333	-.01972	-10.03336	5.02216	-5.01120	-15.05552	.00671	395.75044
2.860	-.267	-.01969	-9.99849	4.99309	-5.00540	-14.99158	.00681	395.69267
2.860	1.713	-.01926	-10.00139	4.99019	-5.01120	-14.99158	.00585	395.46160
2.860	3.784	-.01899	-10.00429	4.98729	-5.01700	-14.99158	.00691	396.00077
2.860	5.765	-.01877	-10.00690	4.97830	-5.02860	-14.98519	.00702	395.78895
2.860	7.813	-.01898	-9.99820	4.98700	-5.01120	-14.98519	.00709	395.17276
2.860	11.891	-.01866	-10.01240	4.96640	-5.04600	-14.97880	.00740	395.78895
2.860	16.012	-.01815	-10.08117	4.94237	-5.13880	-15.02355	.00775	395.55788
2.860	20.057	-.01770	-10.03886	5.01026	-5.02860	-15.04912	.00796	396.09705
2.860	24.170	-.01762	-10.00429	4.98729	-5.01700	-14.99158	.00770	395.44235
2.860	28.199	-.01748	-10.01589	4.97569	-5.04020	-14.99158	.00771	396.38589
2.860	32.337	-.01716	-9.98920	4.98960	-4.99960	-14.97880	.00770	395.21127

RUN NO. 110/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	FLVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.679	-.01947	-10.01388	4.99688	-5.01700	-15.01076	.00416	300.71830
3.900	-1.671	-.01940	-10.01968	4.99108	-5.02860	-15.01076	.00419	300.73434
3.900	.385	-.01933	-10.02258	4.98818	-5.03440	-15.01076	.00421	300.87869
3.900	2.373	-.01931	-9.98979	5.00179	-4.98800	-14.99158	.00423	300.73434
3.900	4.378	-.01914	-10.01500	4.95740	-5.05760	-14.97241	.00422	300.60603
3.900	6.443	-.01916	-10.00429	4.98729	-5.01700	-14.99158	.00425	300.76642
3.900	8.461	-.01920	-10.00400	4.98120	-5.02280	-14.98519	.00432	300.82255
3.900	12.483	-.01907	-10.01909	4.97889	-5.04020	-14.99798	.00438	300.75840
3.900	16.536	-.01876	-10.04667	4.98327	-5.06340	-15.02994	.00445	300.80651
3.900	20.630	-.01852	-10.03856	5.00416	-5.03440	-15.04273	.00442	300.73434
3.900	24.670	-.01851	-9.99411	4.96551	-5.02860	-14.95962	.00440	300.72632
3.900	28.718	-.01802	-10.01619	4.98179	-5.03440	-14.99798	.00440	300.72632
3.900	32.812	-.01802	-10.04087	4.98907	-5.05180	-15.02994	.00438	300.73434

## LA75 TABULATED SAOUCE DATA

PAGE 175

LARC UPWT 1173(LA75)B26C9E43FBM16N2BR5V8W

(SJM014)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 117/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.270	.00028	-10.00838	5.00878	-4.99960	-15.01716	.00312	235.28531
4.600	-1.272	.00031	-10.02288	4.99428	-5.02860	-15.01716	.00312	235.28531
4.600	.748	.00040	-10.00548	5.01168	-4.99380	-15.01716	.00310	235.28531
4.600	2.788	.00052	-10.01128	5.00588	-5.00540	-15.01716	.00310	235.41884
4.600	4.794	.00056	-10.01418	5.00298	-5.01120	-15.01716	.00308	235.35207
4.600	6.788	.00065	-10.01968	4.99108	-5.02860	-15.01076	.00315	235.21854
4.600	8.858	.00066	-10.02258	4.98818	-5.03440	-15.01076	.00315	235.35207
4.600	12.869	.00095	-10.04028	4.97688	-5.06340	-15.01716	.00322	235.28531
4.600	16.826	.00098	-10.00518	5.00559	-4.99960	-15.01076	.00324	235.28531
4.600	20.950	.00110	-10.01678	4.99398	-5.02280	-15.01076	.00322	235.35207
4.600	24.977	.00136	-10.04057	4.98298	-5.05760	-15.02355	.00322	235.35207
4.600	28.994	.00139	-10.00927	5.02707	-4.98220	-15.03634	.00322	235.28531
4.600	33.049	.00140	-10.03945	5.02245	-5.01700	-15.06191	.00322	235.35207

## LA75 TABULATED SAOUCE DATA

PAGE 176

LARC UPWT 1173(LA75)B26C9E43F8M16N26R5V8W

(SJD015)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 236.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 105/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.356	3.01435	-9.99731	4.96871	-5.02860	-14.96601	.00677	396.23184
2.860	-2.269	3.01322	-10.00980	4.97540	-5.03440	-14.98519	.00681	395.38458
2.860	-.287	3.01284	-10.00518	5.00558	-4.99960	-15.01076	.00691	395.13425
2.860	1.727	3.01242	-10.02087	5.01547	-5.00540	-15.03634	.00700	395.90449
2.860	3.752	3.01217	-9.99151	4.97451	-5.01700	-14.96601	.00702	395.88523
2.860	5.798	3.01221	-9.98571	4.98031	-5.00540	-14.96601	.00704	395.30755
2.860	7.883	3.01231	-9.97902	4.96782	-5.01120	-14.94683	.00718	395.24978
2.860	11.956	3.01254	-10.00482	4.93562	-5.06920	-14.94044	.00743	396.00077
2.860	15.962	3.01345	-9.97730	4.99510	-4.98220	-14.97241	.00784	395.71193
2.860	20.032	3.01520	-10.00779	4.99659	-5.01120	-15.00437	.00793	395.50011
2.860	24.127	3.01664	-9.97292	4.96752	-5.00540	-14.94044	.00787	395.67342
2.860	28.202	3.01719	-9.96422	4.97622	-4.98800	-14.94044	.00785	395.78895
2.860	32.260	3.01744	-9.98043	4.93443	-5.04600	-14.91487	.00776	395.67342

RUN NO. 111/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.717	3.00573	-10.00080	4.97800	-5.02280	-14.97880	.00423	300.18902
3.900	-1.674	3.00527	-10.00370	4.97510	-5.02860	-14.97880	.00426	300.15694
3.900	.370	3.00490	-9.99648	5.01428	-4.98220	-15.01076	.00436	300.89473
3.900	2.364	3.00435	-9.99790	4.98090	-5.01700	-14.97880	.00429	300.65415
3.900	4.401	3.00409	-9.99470	4.97770	-5.01700	-14.97241	.00429	300.79849
3.900	6.423	3.00408	-10.01009	4.98149	-5.02860	-14.99158	.00433	300.87869
3.900	8.445	3.00406	-10.01329	4.98469	-5.02860	-14.99798	.00434	300.93482
3.900	12.488	3.00402	-10.02897	4.99457	-5.03440	-15.02355	.00441	300.95888
3.900	16.616	3.00444	-10.03247	5.00387	-5.02860	-15.03634	.00445	300.99096
3.900	20.612	3.00543	-10.01826	5.02446	-4.99380	-15.04273	.00449	301.00700
3.900	24.644	3.00598	-9.99849	4.99309	-5.00540	-14.99158	.00451	300.73434
3.900	28.734	3.00632	-9.97671	4.98291	-4.99380	-14.95962	.00444	300.77444
3.900	32.696	3.00620	-9.97322	4.97362	-4.99960	-14.94683	.00441	300.71028

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 177

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH015)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 118/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.285	3.00265	-9.97470	5.00410	-4.97060	-14.97880	.00314	235.28531
4.600	-1.268	3.00208	-9.98660	4.99860	-4.98800	-14.98519	.00312	235.28531
4.600	.752	3.00177	-9.98630	4.99250	-4.99380	-14.97880	.00314	235.35207
4.600	2.725	3.00167	-9.98281	4.98321	-4.99960	-14.96601	.00314	235.35207
4.600	4.782	3.00153	-9.99180	4.98060	-5.01120	-14.97241	.00317	235.35207
4.600	6.786	3.00138	-10.01009	4.98149	-5.02860	-14.99158	.00317	235.28531
4.600	8.792	3.00120	-10.02578	4.99138	-5.03440	-15.01716	.00322	235.28531
4.600	12.850	3.00116	-10.02809	4.97629	-5.05180	-15.00437	.00326	235.28531
4.600	16.899	3.00113	-10.00838	5.00878	-4.99960	-15.01716	.00328	235.28531
4.600	20.927	3.00175	-10.02957	5.00677	-5.02280	-15.03634	.00326	235.28531
4.600	24.988	3.00181	-10.02199	4.97599	-5.04600	-14.99798	.00331	235.28531
4.600	28.999	3.00212	-9.98459	5.01979	-4.96480	-15.00437	.00329	235.28531
4.600	33.067	3.00214	-9.99329	5.01109	-4.98220	-15.00437	.00324	235.28531

## LA75 TABULATED SAOUCE DATA

PAGE 178

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM016)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 121/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.348	-.02038	-.01368	.03108	.01740	-.04475	.00705	395.94300
2.860	-2.317	-.02042	-.02178	.01018	-.01160	-.03197	.00722	396.15482
2.860	-.305	-.01978	-.02409	-.00491	-.02900	-.01918	.00724	395.92375
2.860	1.746	-.01962	-.03220	-.02580	-.05800	-.00639	.00723	395.80821
2.860	3.798	-.01944	-.03450	-.04090	-.07540	.00639	.00737	395.76970
2.860	5.820	-.01929	-.14981	.01641	-.13340	-.16622	.00753	396.07780
2.860	7.841	-.01935	-.14981	.01641	-.13340	-.16622	.00766	396.27036
2.860	11.900	-.01912	-.22267	.01387	-.20880	-.23654	.00781	396.11631
2.860	15.977	-.01884	-.07055	.01255	-.05800	-.08311	.00813	396.11631
2.860	20.090	-.01826	-.00336	-.11844	-.12180	.11507	.00801	396.17408
2.860	24.156	-.01792	.00007	-.06386	-.06380	.06393	.00787	396.05854
2.860	28.215	-.01774	-.04380	-.03740	-.08120	-.00639	.00804	396.27036
2.860	32.323	-.01758	-.14519	.04659	-.09860	-.19179	.00811	396.30887

RUN NO. 127/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.680	-.02074	.04185	-.04765	-.00580	.08950	.00461	302.09763
3.900	-1.665	-.02071	.04215	-.05375	-.01160	.09590	.00466	301.60845
3.900	.354	-.02055	.03895	-.05055	-.01160	.08950	.00466	299.63569
3.900	2.389	-.02037	-.00580	-.00580	-.01160	.00000	.00465	300.95086
3.900	4.392	-.02064	-.02119	-.00201	-.02320	-.01918	.00469	300.96690
3.900	6.403	-.02050	-.02409	-.00491	-.02900	-.01918	.00469	301.07115
3.900	8.464	-.02042	.01776	-.05256	-.03480	.07032	.00476	301.17540
3.900	12.484	-.02027	.00936	-.06736	-.05800	.07672	.00480	301.25560
3.900	16.529	-.01971	-.01035	-.09985	-.11020	.08950	.00483	301.31173
3.900	20.622	-.01965	-.05971	-.08529	-.14500	.02557	.00485	301.38391
3.900	24.670	-.01919	-.01427	.04327	-.02900	-.05754	.00480	300.99096
3.900	28.726	-.01882	.02735	-.06215	-.03480	.08950	.00480	300.52584
3.900	32.778	-.01886	-.01539	.00379	-.01160	-.01918	.00484	300.42158

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH016)

## PARAMETRIC DATA

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 133/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.261	-.02038	-.00030	.00610	.00580	-.00639	.00365	235.75613
4.600	-1.253	-.02020	.00000	.00000	.00000	.00000	.00367	235.68937
4.600	.746	-.01999	-.00290	-.00290	-.00580	.00000	.00367	235.68937
4.600	2.791	-.01998	-.00550	-.01190	-.01740	.00639	.00367	235.75613
4.600	4.795	-.01975	-.00231	-.01509	-.01740	.01279	.00368	235.68937
4.600	6.804	-.01970	-.00201	-.02119	-.02320	.01918	.00370	235.68937
4.600	8.821	-.01958	-.00751	-.03309	-.04060	.02557	.00375	235.75613
4.600	12.840	-.01938	-.01592	-.04788	-.06380	.03197	.00379	235.68937
4.600	16.903	-.01907	.01918	-.01918	.00000	.03836	.00381	235.62260
4.600	20.945	-.01893	-.00811	-.02089	-.02900	.01279	.00375	235.68937
4.600	24.965	-.01866	-.05398	-.01562	-.06960	-.03836	.00377	235.62260
4.600	29.051	-.01842	-.00692	-.04528	-.05220	.03836	.00384	235.48907
4.600	33.101	-.01851	-.05368	-.02172	-.07540	-.03197	.00381	235.42230



## LA75 TABULATED SAOUCE DATA

PAGE 180

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM017)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPD9RK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 122/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.360	-.00207	-9.98324	-.01016	-9.99340	-9.97308	.00692	396.50143
2.860	-2.337	-.00186	-9.99484	-.02176	-10.01660	-9.97308	.00696	396.44366
2.860	-.280	-.00134	-10.01804	-.04496	-10.06300	-9.97308	.00705	396.25110
2.860	1.720	-.00102	-9.98904	-.01596	-10.00500	-9.97308	.00702	396.48217
2.860	3.760	-.00102	-10.02124	-.04176	-10.06300	-9.97947	.00713	396.30887
2.860	5.791	-.00090	-10.00934	-.03626	-10.04560	-9.97308	.00739	396.46292
2.860	7.812	-.00079	-9.98963	-.00377	-9.99340	-9.98587	.00747	396.38589
2.860	11.925	-.00087	-10.01952	-.01448	-10.03400	-10.00504	.00785	396.52068
2.860	16.006	-.00009	-10.02390	.01311	-10.01080	-10.03701	.00810	396.44366
2.860	20.062	.00032	-10.01023	-.01797	-10.02820	-9.99226	.00827	396.53994
2.860	24.161	.00095	-10.00703	-.02117	-10.02820	-9.98587	.00802	396.53994
2.860	28.245	.00108	-9.99863	-.00637	-10.00500	-9.99226	.00798	396.52068
2.860	32.319	.00107	-10.02882	-.01098	-10.03980	-10.01783	.00796	396.52068

RUN NO. 128/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.673	-.02090	-9.99023	.00843	-9.98180	-9.99865	.00458	301.20748
3.900	-1.667	-.02064	-9.99313	.00553	-9.98760	-9.99865	.00459	301.20748
3.900	.362	-.02044	-9.99603	.00263	-9.99340	-9.99865	.00461	301.15135
3.900	2.363	-.02035	-10.00212	.00292	-9.99920	-10.00504	.00459	301.12729
3.900	4.411	-.02043	-10.00532	.00612	-9.99920	-10.01144	.00461	301.06313
3.900	6.415	-.02045	-10.00822	.00322	-10.00500	-10.01144	.00466	301.03106
3.900	8.444	-.02063	-9.99484	-.02176	-10.01660	-9.97308	.00474	301.05511
3.900	12.506	-.02019	-9.98614	-.01306	-9.99920	-9.97308	.00478	300.92680
3.900	16.557	-.01992	-9.99484	-.02176	-10.01660	-9.97308	.00485	300.94284
3.900	20.601	-.01967	-10.00094	-.02146	-10.02240	-9.97947	.00483	300.90275
3.900	24.675	-.01943	-9.98904	-.01596	-10.00500	-9.97308	.00480	300.88671
3.900	28.766	-.01894	-10.00413	-.01827	-10.02240	-9.98587	.00481	300.94284
3.900	32.797	-.01910	-9.99893	-.00027	-9.99920	-9.99865	.00482	300.83057

## LA75 TABULATED SAOUCE DATA

PAGE 181

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJH017)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 134/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.251	-.01972	-9.98034	-.00726	-9.98760	-9.97308	.00363	235.22201
4.600	-1.261	-.01977	-9.98644	-.00696	-9.99340	-9.97947	.00363	235.35554
4.600	.747	-.01973	-9.99324	-.01016	-9.99340	-9.97308	.00365	235.48907
4.600	2.787	-.01953	-9.98614	-.01306	-9.99920	-9.97308	.00363	235.62260
4.600	4.781	-.01944	-9.98614	-.01306	-9.99920	-9.97308	.00367	235.75613
4.600	6.814	-.01943	-9.98934	-.00986	-9.99920	-9.97947	.00374	235.75613
4.600	8.823	-.01934	-9.98904	-.01596	-10.00500	-9.97308	.00374	236.02319
4.600	12.849	-.01894	-9.98904	-.01596	-10.00500	-9.97308	.00377	236.08996
4.600	16.884	-.01882	-9.99194	-.01886	-10.01080	-9.97308	.00381	236.22349
4.600	20.975	-.01876	-9.99194	-.01886	-10.01080	-9.97308	.00381	236.22349
4.600	24.984	-.01848	-10.00094	-.02146	-10.02240	-9.97947	.00379	236.35702
4.600	29.041	-.01813	-10.01023	-.01797	-10.02820	-9.99226	.00377	236.42378
4.600	33.064	-.01837	-9.99283	-.00057	-9.99340	-9.99226	.00372	236.42378

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJH018)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 123/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.341	-.00352	-9.99240	4.99280	-4.99960	-14.98519	.00701	396.36664
2.860	-2.312	-.00258	-10.00690	4.97830	-5.02860	-14.98519	.00705	396.36664
2.860	-.295	-.00228	-9.96570	5.00670	-4.95900	-14.97241	.00715	396.23184
2.860	1.730	-.00194	-9.97730	4.99510	-4.98220	-14.97241	.00715	396.21259
2.860	3.757	-.00148	-10.00050	4.97190	-5.02860	-14.97241	.00727	396.15482
2.860	5.791	-.00150	-10.00690	4.97830	-5.02860	-14.98519	.00739	396.30887
2.860	7.865	-.00116	-10.00110	4.98410	-5.01700	-14.98519	.00745	396.17408
2.860	11.886	-.00120	-10.02957	5.00677	-5.02280	-15.03634	.00776	396.57845
2.860	15.995	-.00045	-9.93723	4.98403	-4.95320	-14.92126	.00813	396.46292
2.860	24.130	.00083	-9.93054	4.97154	-4.95900	-14.90208	.00802	396.23184
2.860	28.238	.00122	-10.00340	4.96900	-5.03440	-14.97241	.00801	396.21259
2.860	32.319	.00157	-9.99299	5.00499	-4.98800	-14.99798	.00802	396.17408

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJM018)

## PARAMETRIC DATA

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 129/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.680	-.02157	-9.97671	4.98291	-4.99380	-14.95962	.00458	300.89473
3.900	-1.663	-.02113	-9.97671	4.98291	-4.99380	-14.95962	.00462	300.85463
3.900	.391	-.02091	-9.99441	4.97161	-5.02280	-14.96601	.00463	300.85463
3.900	2.380	-.02081	-9.96831	4.99771	-4.97060	-14.96601	.00462	300.80651
3.900	4.411	-.02085	-9.97411	4.99191	-4.98220	-14.96601	.00466	300.89473
3.900	6.429	-.02053	-9.97032	4.97652	-4.99380	-14.96601	.00467	300.85463
3.900	8.446	-.02076	-9.97612	4.97072	-5.00540	-14.94683	.00473	300.87067
3.900	12.495	-.02029	-9.96452	4.97362	-4.98220	-14.94683	.00477	300.82255
3.900	16.540	-.02001	-9.97322	4.97830	-4.99960	-14.94683	.00481	300.76642
3.900	20.613	-.01958	-10.00690	4.97830	-5.02860	-14.98519	.00482	300.82255
3.900	24.647	-.01941	-9.99909	5.00529	-4.99380	-15.00437	.00480	300.65415
3.900	28.713	-.01901	-10.03217	4.99777	-5.03440	-15.02994	.00482	300.59801
3.900	32.822	-.01885	-9.99299	5.00499	-4.98800	-14.99798	.00481	300.84661

RUN NO. 135/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.269	-.02013	-9.98600	4.98640	-4.99960	-14.97241	.00367	236.29025
4.600	-1.267	-.01996	-9.99180	4.98060	-5.01120	-14.97241	.00365	236.22349
4.600	.749	-.01976	-9.99151	4.97451	-5.01700	-14.96601	.00367	236.22349
4.600	2.749	-.01947	-9.99991	4.95971	-5.04020	-14.95962	.00365	236.15672
4.600	4.778	-.01952	-10.00281	4.95681	-5.04600	-14.95962	.00365	236.02319
4.600	6.804	-.01937	-9.97351	4.97971	-4.99380	-14.95323	.00370	236.02319
4.600	8.801	-.01928	-9.96481	4.98841	-4.97640	-14.95323	.00370	236.02319
4.600	12.844	-.01915	-9.98192	4.96492	-5.01700	-14.94683	.00377	235.95643
4.600	16.882	-.01880	-9.94102	4.99942	-4.94160	-14.94044	.00381	236.02319
4.600	20.937	-.01865	-9.95522	4.97882	-4.97640	-14.93405	.00377	235.95643
4.600	24.960	-.01825	-10.01181	4.95421	-5.05760	-14.96601	.00379	236.02319
4.600	29.034	-.01827	-10.01560	4.96960	-5.04600	-14.98519	.00375	236.08996
4.600	33.097	-.01806	-9.99938	5.01138	-4.98800	-15.01076	.00379	236.02319

## LA75 TABULATED SAOUCE DATA

PAGE 183

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM019)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 124/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(P5F)
2.860	-4.344	3.01236	-9.95203	4.97563	-4.97640	-14.92766	.00707	396.61696
2.860	-2.329	3.01145	-9.95173	4.96953	-4.98220	-14.92126	.00716	396.65548
2.860	-.291	3.01071	-9.95143	4.96343	-4.98800	-14.91487	.00726	396.40515
2.860	1.712	3.01044	-9.94824	4.96024	-4.98800	-14.90848	.00732	396.63622
2.860	3.754	3.01052	-9.94824	4.96024	-4.98800	-14.90848	.00734	396.55920
2.860	5.798	3.01034	-9.97582	4.95462	-5.01120	-14.94044	.00743	396.44366
2.860	7.826	3.01048	-10.01790	4.95450	-5.06340	-14.97441	.00759	396.34738
2.860	11.895	3.01077	-9.97493	4.94633	-5.02860	-14.92126	.00799	395.67342
2.860	15.971	3.01218	-9.92184	4.98024	-4.94160	-14.90208	.00821	395.69267
2.860	20.078	3.01427	-9.95084	4.95124	-4.99960	-14.90208	.00826	395.84672
2.860	24.156	3.01578	-10.00630	4.96610	-5.04020	-14.97241	.00820	395.86598
2.860	28.212	3.01631	-9.98979	5.00179	-4.98800	-14.99158	.00815	395.78895
2.860	32.340	3.01681	-10.00050	4.97190	-5.02860	-14.97441	.00804	395.80821

RUN NO. 130/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(P5F)
3.900	-3.657	3.00416	-9.92356	4.95296	-4.97060	-14.87651	.00463	300.83057
3.900	-1.653	3.00368	-10.00317	5.02677	-4.97640	-15.02994	.00466	300.85463
3.900	.378	3.00298	-9.95812	4.97592	-4.98220	-14.93405	.00469	300.93482
3.900	2.372	3.00258	-9.95753	4.96373	-4.99380	-14.92126	.00469	300.87067
3.900	4.407	3.00263	-9.95404	4.95444	-4.99960	-14.90848	.00469	300.79849
3.900	6.416	3.00241	-9.96303	4.95183	-5.01120	-14.91487	.00474	300.87067
3.900	8.446	3.00239	-9.95954	4.94254	-5.01700	-14.90208	.00474	300.82255
3.900	12.472	3.00278	-9.94794	4.95414	-4.99380	-14.90208	.00482	300.84661
3.900	16.560	3.00334	-9.97292	4.96752	-5.00540	-14.94044	.00485	300.91077
3.900	20.587	3.00433	-10.01069	4.99369	-5.01700	-15.00437	.00491	300.81453
3.900	24.683	3.00520	-10.01856	5.03056	-4.98800	-15.04912	.00492	300.87067
3.900	28.741	3.00531	-9.99820	4.98700	-5.01120	-14.98519	.00491	300.82255
3.900	32.794	3.00544	-10.02607	4.99748	-5.02860	-15.02355	.00484	300.79849

## LA75 TABULATED SAOUCE DATA

PAGE 184

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH019)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 136/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.257	3.00117	-9.97292	4.96752	-5.00540	-14.94044	.00370	235.88966
4.600	-1.263	3.00060	-9.97582	4.96462	-5.01120	-14.94044	.00368	235.75613
4.600	.745	3.00039	-9.96943	4.95823	-5.01120	-14.92766	.00368	235.82290
4.600	2.756	3.00004	-9.96274	4.94574	-5.01700	-14.90848	.00368	235.75613
4.600	4.783	3.00003	-9.96244	4.93964	-5.02280	-14.90208	.00370	235.75613
4.600	6.809	2.99987	-9.96854	4.93994	-5.02860	-14.90848	.00372	235.62260
4.600	8.841	2.99978	-9.97144	4.93704	-5.03440	-14.90848	.00374	235.55583
4.600	12.833	2.99995	-9.97984	4.92224	-5.05760	-14.90208	.00379	235.62260
4.600	16.907	3.00033	-9.99760	4.97480	-5.02280	-14.97241	.00381	235.55583
4.600	20.939	3.00088	-9.96251	5.00351	-4.95900	-14.96601	.00382	235.55583
4.600	24.998	3.00091	-9.99879	4.99919	-4.99960	-14.99798	.00382	235.55583
4.600	29.022	3.00117	-9.95618	5.06098	-4.89520	-15.01716	.00384	235.55583
4.600	33.081	3.00135	-9.98103	4.94663	-5.03440	-14.92766	.00377	235.55583

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

LA75 TABULATED SAOUCE DATA

PAGE 185

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJHG20)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 248/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.364	-.01869	-9.95812	4.97592	-4.98220	-14.93405	.00649	395.51937
2.860	-2.319	-.01832	-9.96102	4.97302	-4.98800	-14.93405	.00655	395.69267
2.860	-.284	-.01800	-9.98660	4.99860	-4.98800	-14.98519	.00669	395.73119
2.860	1.732	-.01736	-9.99879	4.99919	-4.99960	-14.99798	.00678	395.38458
2.860	3.794	-.01749	-10.01418	5.00298	-5.01120	-15.01716	.00685	395.57714
2.860	5.838	-.01734	-10.04786	5.00766	-5.04020	-15.05552	.00701	395.65416
2.860	7.905	-.01760	-9.99441	4.97161	-5.02280	-14.96601	.00717	395.63491
2.860	11.915	-.01718	-9.99961	4.95361	-5.04600	-14.95323	.00738	395.80821
2.860	15.962	-.01685	-9.95493	4.97273	-4.98220	-14.92766	.00765	395.57714
2.860	20.067	-.01600	-9.99559	4.99599	-4.99960	-14.99158	.00790	395.48086
2.860	24.196	-.01595	-10.03566	5.00706	-5.02860	-15.04273	.00787	395.69267
2.860	28.258	-.01562	-9.99500	4.98380	-5.01120	-14.97880	.00775	395.80821
2.860	32.378	-.01608	-9.98801	4.96521	-5.02280	-14.95323	.00764	395.82747

RUN NO. 257/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.667	-.01951	-10.00228	5.00848	-4.99380	-15.01076	.00412	300.83859
3.900	-1.650	-.01973	-9.99909	5.00529	-4.99380	-15.00437	.00417	300.72632
3.900	.377	-.01961	-10.00199	5.00239	-4.99960	-15.00437	.00420	300.71028
3.900	2.380	-.01950	-10.00518	5.00558	-4.99960	-15.01076	.00419	300.69424
3.900	4.383	-.01926	-10.00548	5.01168	-4.99380	-15.01716	.00420	300.99898
3.900	6.468	-.01924	-10.02116	5.02156	-4.99960	-15.04273	.00427	301.07115
3.900	8.473	-.01932	-9.98920	4.98960	-4.99960	-14.97880	.00430	301.03908
3.900	12.510	-.01903	-10.00690	4.97830	-5.02860	-14.98519	.00437	301.03106
3.900	16.618	-.01898	-10.03010	4.95510	-5.07500	-14.98519	.00442	300.99898
3.900	20.653	-.01882	-9.99760	4.97480	-5.02280	-14.97241	.00442	301.03908
3.900	24.755	-.01877	-9.97091	4.98871	-4.98220	-14.95962	.00439	301.02304
3.900	28.754	-.01851	-9.97061	4.98261	-4.98800	-14.95323	.00441	300.99096
3.900	32.833	-.01842	-10.00601	4.96001	-5.04600	-14.96601	.00441	300.95888

## LA75 TABULATED SAUCE DATA

PAGE 186

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM020)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 268/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.268	-.01904	-9.99678	5.02038	-4.97640	-15.01716	.00305	235.17303
4.600	-1.242	-.01874	-10.00577	5.01778	-4.98800	-15.02355	.00304	235.10627
4.600	.796	-.01852	-10.00258	5.01458	-4.98800	-15.01716	.00302	235.17303
4.600	2.755	-.01847	-9.99938	5.01138	-4.98800	-15.01076	.00300	235.23980
4.600	4.841	-.01846	-10.00548	5.01168	-4.99380	-15.01716	.00300	235.23980
4.600	6.840	-.01844	-10.00548	5.01168	-4.99380	-15.01716	.00304	235.23980
4.600	8.855	-.01845	-10.00548	5.01168	-4.99380	-15.01716	.00307	235.17303
4.600	12.852	-.01824	-10.00808	5.00268	-5.00540	-15.01076	.00309	235.17303
4.600	16.930	-.01800	-10.00199	5.00239	-4.99960	-15.00437	.00311	235.17303
4.600	20.964	-.01797	-10.00779	4.99659	-5.01120	-15.00437	.00311	235.17303
4.600	24.972	-.01781	-9.98459	5.01979	-4.96480	-15.00437	.00311	235.17303
4.600	29.025	-.01781	-9.99358	5.01718	-4.97640	-15.01076	.00311	235.17303
4.600	33.115	-.01763	-10.01217	5.02417	-4.98800	-15.03634	.00311	235.17303

## LA75 TABULATED SAUCE DATA

PAGE 197

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJH021)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 252/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.360	3.01530	-9.99589	5.00209	-4.99380	-14.99798	.00654	396.59771
2.860	-2.307	3.01406	-10.00867	5.01487	-4.99380	-15.02355	.00667	396.53994
2.860	-.239	3.01357	-10.02726	5.02186	-5.00540	-15.04912	.00680	396.52068
2.860	1.716	3.01313	-10.02317	5.00037	-5.02280	-15.02355	.00690	396.50143
2.860	3.823	3.01316	-10.04146	5.00126	-5.04020	-15.04273	.00697	396.65548
2.860	5.839	3.01313	-9.98251	4.97711	-5.00540	-14.95962	.00713	396.57845
2.860	7.844	3.01316	-9.98831	4.97131	-5.01700	-14.95962	.00721	396.42440
2.860	11.890	3.01314	-10.00772	4.93272	-5.07500	-14.94044	.00748	396.46292
2.860	15.971	3.01430	-10.00719	4.98439	-5.02280	-14.99158	.00774	396.52068
2.860	20.135	3.01617	-10.04206	5.01346	-5.02860	-15.05552	.00786	396.50143
2.860	24.162	3.01748	-10.00838	5.00878	-4.99960	-15.01716	.00788	396.53994
2.860	28.214	3.01811	-10.01009	4.98149	-5.02860	-14.99158	.00787	396.46292
2.860	32.375	3.01785	-10.01708	5.00008	-5.01700	-15.01716	.00766	396.52068

RUN NO. 258/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.673	3.00622	-9.94652	4.98752	-4.95900	-14.93405	.00420	300.96690
3.900	-1.664	3.00559	-9.94593	4.97533	-4.97060	-14.92126	.00420	300.93482
3.900	.390	3.00477	-9.94883	4.97243	-4.97640	-14.92126	.00423	300.95086
3.900	2.363	3.00462	-9.94214	4.95994	-4.98220	-14.90208	.00424	300.94284
3.900	4.397	3.00451	-9.98950	4.99570	-4.99380	-14.98519	.00423	300.98294
3.900	6.455	3.00412	-9.98630	4.99250	-4.99380	-14.97880	.00426	300.88671
3.900	8.463	3.00400	-9.98920	4.98960	-4.99960	-14.97880	.00431	300.93482
3.900	12.486	3.00415	-9.99470	4.97770	-5.01700	-14.97241	.00439	300.89473
3.900	16.556	3.00440	-10.01530	4.96350	-5.05180	-14.97880	.00443	300.91077
3.900	20.644	3.00564	-9.97612	4.97072	-5.00540	-14.94683	.00445	300.91878
3.900	24.655	3.00608	-9.99091	4.96231	-5.02860	-14.95323	.00450	300.91077
3.900	28.830	3.00600	-9.98890	4.98350	-5.00540	-14.97241	.00452	300.94284
3.900	32.815	3.00593	-10.01968	4.99108	-5.02860	-15.01076	.00446	300.91878



## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM021)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 269/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.262	3.00220	-9.97440	4.99800	-4.97640	-14.97241	.00300	235.10627
4.600	-1.220	3.00194	-9.97470	5.00410	-4.97060	-14.97880	.00304	235.17303
4.600	.757	3.00181	-9.98719	5.01079	-4.97640	-14.99798	.00302	235.23980
4.600	2.764	3.00157	-9.98749	5.01689	-4.97060	-15.00437	.00302	235.23980
4.600	4.778	3.00143	-9.98719	5.01079	-4.97640	-14.99798	.00304	235.23980
4.600	6.857	3.00117	-9.99678	5.02038	-4.97640	-15.01716	.00305	235.17303
4.600	8.899	3.00100	-9.97730	4.99510	-4.98220	-14.97241	.00307	235.10627
4.600	12.842	3.00122	-9.98340	4.99540	-4.98800	-14.97880	.00312	235.10627
4.600	16.919	3.00138	-9.98020	4.99220	-4.98800	-14.97241	.00314	235.23980
4.600	20.964	3.00185	-9.98251	4.97711	-5.00540	-14.95962	.00312	235.23980
4.600	24.984	3.00198	-10.01441	4.94521	-5.06920	-14.95962	.00316	235.30656
4.600	29.056	3.00210	-9.97121	4.99481	-4.97640	-14.96601	.00314	235.17303
4.600	33.083	3.00186	-9.98340	4.99540	-4.98800	-14.97880	.00314	235.10627

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM022)

## PARAMETRIC DATA

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 174/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.092	-.01890	-.00059	.01219	.01160	-.01279	.00658	393.49748
2.860	-2.076	-.01864	-.00349	.00929	.00580	-.01279	.00672	394.49880
2.860	-.022	-.01830	-.02238	.02238	.00000	-.04475	.00676	396.96357
2.860	1.942	-.01803	-.04126	.03546	-.00580	-.07672	.00677	395.90449
2.860	4.022	-.01800	-.06535	.03055	-.03480	-.09590	.00697	396.27036
2.860	6.119	-.01810	.00728	-.02468	-.01740	.03197	.00718	396.48217
2.860	8.125	-.01813	-.02699	-.00781	-.03480	-.01918	.00724	396.67473
2.860	12.186	-.01800	-.00840	-.01480	-.02320	.00639	.00752	396.61696
2.860	16.232	-.01778	-.00461	-.03019	-.03480	.02557	.00765	395.92375
2.860	20.330	-.01728	-.03918	-.00722	-.04640	-.03197	.00766	396.09705
2.860	24.380	-.01691	-.00840	-.01480	-.02320	.00639	.00761	395.96226
2.860	28.484	-.01704	.02788	-.01048	.01740	.03836	.00770	396.09705
2.860	32.593	-.01720	-.01130	-.01770	-.02900	.00639	.00771	396.13556

RUN NO. 178/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.427	-.00033	-.01569	-.00989	.00580	.02557	.00417	301.54430
3.900	-1.435	-.00017	.00669	-.01249	-.00580	.01918	.00419	300.62207
3.900	.614	-.00007	.00409	-.02149	-.01740	.02557	.00422	301.23154
3.900	2.621	-.00023	-.00142	-.03338	-.03480	.03197	.00419	300.50178
3.900	4.642	-.00019	-.00432	-.03628	-.04060	.03197	.00419	300.11685
3.900	6.703	-.00026	.04208	.01012	.05220	.03197	.00423	300.16496
3.900	8.713	-.00025	.03628	.00432	.04060	.03197	.00429	300.69424
3.900	12.819	-.00026	.03137	-.01977	.01160	.05114	.00435	300.73434
3.900	16.775	-.00023	-.00059	.01219	.01160	-.01279	.00444	300.75840
3.900	20.900	-.00010	-.01071	-.02989	-.04060	.01918	.00445	300.73434
3.900	24.940	-.00003	.01509	.00231	.01740	.01279	.00441	300.69424
3.900	28.968	.00025	-.08334	.02534	-.05800	-.10868	.00440	300.69424
3.900	33.102	.00011	.01018	-.02178	-.01160	.03197	.00444	300.71830

## LA75 TABULATED SAOUCE DATA

PAGE 190

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5VBW

(SJM022)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BOFLAP = .000

RUN NO. 182/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.031	.00008	-.01160	-.01160	-.02320	.00000	.00310	235.90851
4.600	-1.034	.00002	-.01160	-.01160	-.02320	.00000	.00312	236.04204
4.600	1.010	.00009	-.01420	-.02060	-.03480	.00639	.00314	236.04204
4.600	3.010	.00040	-.02290	-.02930	-.05220	.00639	.00310	236.04204
4.600	5.022	.00014	.02900	.02900	.05800	.00000	.00312	236.04204
4.600	7.108	.00018	.01420	.02060	.03480	-.00639	.00314	235.90851
4.600	9.076	.00030	-.00469	.02149	.01740	-.02557	.00317	236.04204
4.600	13.177	.00050	-.03747	.02007	-.01740	-.05754	.00319	235.90851
4.600	17.170	.00062	-.03108	.01368	-.01740	-.04475	.00321	235.77498
4.600	21.224	.00084	-.00089	.01829	.01740	-.01918	.00321	235.70821
4.600	25.236	.00098	-.01101	-.02379	-.03480	.01279	.00319	235.70821
4.600	29.299	.00109	.00959	-.00959	.00000	.01918	.00321	235.70821
4.600	33.403	.00086	-.05806	.00000	-.05220	-.06393	.00324	235.77498

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM023)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. X0  
 LREF = 474.8000 INCHES YMRP = .0000 IN. Y0  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 175/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.083	-.01868	-9.97573	.02293	-9.95280	-9.99865	.00643	396.30887
2.860	-2.072	-.01880	-10.00183	-.00317	-10.00500	-9.99865	.00647	396.21259
2.860	-.005	-.01842	-10.00183	-.00317	-10.00500	-9.99865	.00656	396.25110
2.860	1.977	-.01817	-10.01082	-.00578	-10.01660	-10.00504	.00659	396.40515
2.860	4.070	-.01868	-10.01982	-.00838	-10.02820	-10.01144	.00671	396.15482
2.860	6.054	-.01819	-10.00532	.00612	-9.99920	-10.01144	.00701	396.42440
2.860	8.126	-.01822	-10.00852	.00932	-9.99920	-10.01783	.00708	396.32812
2.860	12.195	-.01815	-10.03639	.01979	-10.01860	-10.05619	.00736	396.42440
2.860	16.237	-.01799	-10.02562	-.01418	-10.03980	-10.01144	.00771	396.21259
2.860	20.326	-.01739	-9.98443	.01423	-9.97020	-9.99865	.00789	396.23184
2.860	24.434	-.01709	-9.99632	.00872	-9.98760	-10.00504	.00782	396.40515
2.860	28.571	-.01693	-10.01722	.00062	-10.01660	-10.01783	.00772	396.34738
2.860	32.660	-.01735	-10.04799	.00819	-10.03980	-10.05619	.00761	396.57845

RUN NO. 179/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.399	-.00065	-9.98354	-.00406	-9.98760	-9.97947	.00417	300.46970
3.900	-1.372	-.00066	-9.99543	-.00957	-10.00500	-9.98587	.00419	300.46970
3.900	.623	-.00056	-9.99833	-.01247	-10.01080	-9.98587	.00420	300.39753
3.900	2.622	-.00068	-10.00123	-.01537	-10.01660	-9.98587	.00420	300.34941
3.900	4.634	-.00059	-10.01082	-.00578	-10.01660	-10.00504	.00422	300.27724
3.900	6.698	-.00071	-10.00792	-.00288	-10.01080	-10.00504	.00424	300.17298
3.900	8.729	-.00069	-10.01372	-.00868	-10.02240	-10.00504	.00428	300.12487
3.900	12.749	-.00072	-10.02302	-.00518	-10.02820	-10.01783	.00437	300.33337
3.900	16.837	-.00025	-10.03260	.00441	-10.02820	-10.03701	.00441	300.35743
3.900	20.882	-.00010	-9.97596	-.03484	-10.01080	-9.94111	.00439	300.39753
3.900	24.916	-.00011	-9.99425	-.03395	-10.02820	-9.96029	.00441	300.46970
3.900	29.013	-.00021	-9.98934	-.00986	-9.99920	-9.97947	.00442	300.41356
3.900	33.066	-.00006	-10.02941	.00121	-10.02820	-10.03062	.00441	300.45366

## LA75 TABULATED SAOUCE DATA

PAGE 192

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM023)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 183/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.033	.00045	-9.97365	-.01975	-9.99340	-9.95390	.00312	235.97527
4.600	-.992	.00025	-9.97685	-.01655	-9.99340	-9.96029	.00312	235.84174
4.600	1.057	.00049	-9.97975	-.01945	-9.99920	-9.96029	.00312	235.90851
4.600	2.999	.00050	-9.98294	-.01626	-9.99920	-9.96669	.00308	235.97527
4.600	5.050	.00030	-9.98294	-.01626	-9.99920	-9.96669	.00310	235.90851
4.600	7.081	.00053	-9.99224	-.01276	-10.00500	-9.97947	.00314	235.84174
4.600	9.079	.00036	-9.99224	-.01276	-10.00500	-9.97947	.00315	235.84174
4.600	13.142	.00053	-9.99833	-.01247	-10.01080	-9.98587	.00319	235.90851
4.600	17.123	.00082	-9.99863	-.00637	-10.00500	-9.99226	.00324	235.84174
4.600	21.178	.00098	-10.00183	-.00317	-10.00500	-9.99865	.00324	235.84174
4.600	25.258	.00104	-10.00792	-.00288	-10.01080	-10.00504	.00319	235.84174
4.600	29.272	.00100	-10.01692	-.00548	-10.02240	-10.01144	.00322	235.77498
4.600	33.359	.00110	-9.97365	-.01975	-9.99340	-9.95390	.00317	235.84174

## LA75 TABULATED SAOUCE DATA

PAGE 193

LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W

(SJM024)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 176/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.079	-.01982	-10.00607	5.02387	-4.98220	-15.02994	.00646	396.53994
2.860	-2.025	-.02006	-10.02176	5.03376	-4.98800	-15.05552	.00651	396.57845
2.860	-.015	-.01925	-9.98890	4.98350	-5.00540	-14.97241	.00670	396.44366
2.860	1.988	-.01906	-9.98221	4.97101	-5.01120	-14.95323	.00675	396.71325
2.860	4.062	-.01879	-10.00571	4.95391	-5.05180	-14.95962	.00685	396.50143
2.860	6.073	-.01872	-9.96742	4.97942	-4.98800	-14.94683	.00700	396.53994
2.860	8.081	-.01853	-9.97902	4.96782	-5.01120	-14.94683	.00715	396.65548
2.860	12.233	-.01827	-10.02311	4.93651	-5.08660	-14.95962	.00730	396.52068
2.860	16.220	-.01795	-10.02027	5.00328	-5.01700	-15.02355	.00759	396.55920
2.860	20.317	-.01724	-9.96422	4.97622	-4.98800	-14.94044	.00791	396.67473
2.860	24.382	-.01655	-9.99754	4.91094	-5.08660	-14.90848	.00778	396.63622
2.860	28.446	-.01641	-9.97902	4.96782	-5.01120	-14.94683	.00770	396.50143
2.860	32.611	-.01640	-10.03619	4.95539	-5.08080	-14.99158	.00763	396.46292

RUN NO. 180/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.423	-.00085	-9.98109	5.01049	-4.97060	-14.99158	.00414	300.92680
3.900	-1.410	-.00067	-9.98719	5.01079	-4.97640	-14.99798	.00415	300.93482
3.900	.648	-.00072	-9.99009	5.00789	-4.98220	-14.99798	.00416	301.03908
3.900	2.623	-.00083	-9.99009	5.00789	-4.98220	-14.99798	.00418	301.13531
3.900	4.677	-.00052	-9.98340	4.99540	-4.98800	-14.97880	.00418	301.17540
3.900	6.631	-.00052	-9.98630	4.99250	-4.99380	-14.97880	.00423	301.42400
3.900	8.715	-.00062	-9.99240	4.99280	-4.99960	-14.98519	.00430	301.65657
3.900	12.715	-.00035	-9.98950	4.99570	-4.99380	-14.98519	.00433	301.76884
3.900	16.809	-.00010	-10.00749	4.99049	-5.01700	-14.99798	.00441	301.99338
3.900	20.858	.00005	-10.01708	5.00008	-5.01700	-15.01716	.00441	301.84903
3.900	24.915	.00018	-9.99559	4.99599	-4.99960	-14.99158	.00438	301.05511
3.900	28.996	.00025	-10.00139	4.99019	-5.01120	-14.99158	.00440	300.42158
3.900	33.150	.00034	-9.99790	4.98090	-5.01700	-14.97880	.00438	299.95646

## LA75 TABULATED SAOUCE DATA

PAGE 194

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM024)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 184/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.012	.00012	-9.97612	4.97072	-5.00540	-14.94683	.00310	235.57468
4.600	-1.006	.00013	-9.97902	4.96782	-5.01120	-14.94683	.00306	235.50791
4.600	1.023	.00020	-9.94741	5.00581	-4.94160	-14.95323	.00312	235.44115
4.600	3.008	.00030	-9.95262	4.98782	-4.96480	-14.94044	.00310	235.44115
4.600	5.013	.00023	-9.94942	4.98462	-4.96480	-14.93405	.00312	235.44115
4.600	7.076	.00039	-9.94303	4.97823	-4.96480	-14.92126	.00314	235.44115
4.600	9.112	.00047	-9.94593	4.97533	-4.97060	-14.92126	.00317	235.37438
4.600	13.142	.00055	-9.95753	4.96373	-4.99380	-14.92126	.00321	235.37438
4.600	17.151	.00079	-9.98719	5.01079	-4.97640	-14.99798	.00322	235.44115
4.600	21.216	.00085	-10.00228	5.00848	-4.99380	-15.01076	.00324	235.37438
4.600	25.315	.00085	-9.95582	4.99102	-4.96480	-14.94683	.00324	235.44115
4.600	29.269	.00108	-10.00110	4.98410	-5.01700	-14.98519	.00324	235.37438
4.600	33.330	.00124	-10.01418	5.00298	-5.01120	-15.01716	.00324	235.50791

## LA75 TABULATED SAUCE DATA

PAGE 195

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM025)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRX = 52.700  
 RUDDER = -2.750 BDFLAP = .000

RUN NO. 177/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.094	3.01389	-9.97849	5.01949	-4.95900	-14.99798	.00653	395.24978
2.860	-2.043	3.01321	-9.99707	5.02648	-4.97060	-15.02355	.00662	395.36532
2.860	-.053	3.01252	-10.01276	5.03636	-4.97640	-15.04912	.00679	395.42309
2.860	1.975	3.01194	-9.98370	5.00150	-4.98220	-14.98519	.00690	395.38458
2.860	4.042	3.01199	-9.98370	5.00150	-4.98220	-14.98519	.00696	395.28830
2.860	6.036	3.01183	-9.98310	4.98930	-4.99380	-14.97241	.00705	395.28830
2.860	8.120	3.01167	-9.97701	4.98901	-4.98800	-14.96601	.00717	395.57714
2.860	12.151	3.01198	-10.05850	4.91390	-5.14460	-14.97241	.00738	395.34607
2.860	16.238	3.01317	-9.97358	5.04358	-4.93000	-15.01716	.00779	395.53863
2.860	20.306	3.01499	-10.01359	4.99079	-5.02280	-15.00437	.00789	395.46160
2.860	24.398	3.01661	-10.03797	4.99197	-5.04600	-15.02994	.00786	395.40383
2.860	28.500	3.01723	-10.02146	5.02766	-4.99380	-15.04912	.00784	395.48086
2.860	32.622	3.01709	-10.04763	5.06543	-4.98220	-15.11305	.00767	395.44235

RUN NO. 181/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.417	3.00557	-9.99151	4.97451	-5.01700	-14.96601	.00418	300.81453
3.900	-1.347	3.00477	-9.99151	4.97451	-5.01700	-14.96601	.00418	301.03908
3.900	.659	3.00432	-9.98801	4.96521	-5.02280	-14.95323	.00419	301.06313
3.900	2.635	3.00396	-9.98132	4.95272	-5.02860	-14.93405	.00422	300.60603
3.900	4.675	3.00371	-9.97463	4.94023	-5.03440	-14.91487	.00424	299.94844
3.900	6.759	3.00352	-9.95984	4.94864	-5.01120	-14.90848	.00426	300.10883
3.900	8.708	3.00373	-10.01388	4.99688	-5.01700	-15.01076	.00434	301.15937
3.900	12.744	3.00369	-10.01998	4.99718	-5.02280	-15.01716	.00436	301.35985
3.900	16.770	3.00427	-10.00808	5.00268	-5.00540	-15.01076	.00440	301.54430
3.900	20.855	3.00516	-10.00779	4.99659	-5.01120	-15.00437	.00443	301.27966
3.900	24.971	3.00609	-9.99009	5.00789	-4.98220	-14.99798	.00447	301.28768
3.900	28.991	3.00595	-10.02027	5.00328	-5.01700	-15.02355	.00449	300.87869
3.900	33.041	3.00569	-10.02377	5.01257	-5.01120	-15.03634	.00444	300.88671



## LA75 TABULATED SAOUCE DATA

PAGE 196

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM025)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -2.750 BOFLAP = .000

RUN NO. 185/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.035	3.00218	-10.02057	5.00937	-5.01120	-15.02994	.00310	236.04204
4.600	-.994	3.00161	-10.02057	5.00937	-5.01120	-15.02994	.00314	236.04204
4.600	1.014	3.00146	-10.02027	5.00328	-5.01700	-15.02355	.00315	235.97527
4.600	3.029	3.00129	-10.02986	5.01286	-5.01700	-15.04273	.00314	235.90851
4.600	5.031	3.00121	-9.95924	4.93644	-5.02280	-14.89569	.00314	235.90851
4.600	7.052	3.00111	-9.94824	4.96024	-4.98800	-14.90848	.00315	235.90851
4.600	9.087	3.00088	-9.99938	5.01138	-4.98800	-15.01076	.00321	235.97527
4.600	13.099	3.00074	-10.00808	5.00268	-5.00540	-15.01076	.00322	235.90851
4.600	17.121	3.00067	-10.03187	4.99167	-5.04020	-15.02355	.00331	235.77498
4.600	21.190	3.00115	-9.96883	4.94603	-5.02280	-14.91487	.00335	235.77498
4.600	25.300	3.00164	-9.93954	4.96894	-4.97060	-14.90848	.00335	235.84174
4.600	29.297	3.00151	-9.97173	4.94313	-5.02860	-14.91487	.00336	235.77498
4.600	33.349	3.00171	-9.94244	4.96604	-4.97640	-14.90848	.00329	235.77498

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 197

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM026)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 186/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.328	-.00108	.04765	-.04185	.00580	.08950	.00651	395.96226
2.860	-2.303	-.00078	-.04646	.01747	-.02900	-.06393	.00666	396.27036
2.860	-.263	-.00052	.01776	-.05256	-.03480	.07032	.00672	395.98151
2.860	1.714	-.00001	.06298	.01822	.08120	.04475	.00674	395.92375
2.860	3.770	-.00001	.01249	-.00669	.00580	.01918	.00685	396.00077
2.860	5.794	-.00015	-.02379	-.01101	-.03480	-.01279	.00710	395.96226
2.860	7.852	.00004	-.05658	-.02462	-.08120	-.03197	.00718	395.88523
2.860	11.936	-.00012	-.02379	-.01101	-.03480	-.01279	.00756	395.86598
2.860	16.008	.00029	.04380	.03740	.08120	.00639	.00757	395.86598
2.860	20.074	.00098	-.09181	.07441	-.01740	-.16622	.00759	395.82747
2.860	24.182	.00103	.04126	-.03546	.00580	.07672	.00756	396.07780
2.860	28.250	.00123	.02504	-.07724	-.05220	.10029	.00761	395.71193
2.860	32.314	.00107	.03019	.00461	.03480	.02557	.00764	395.84672

RUN NO. 190/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.682	-.01983	.02178	-.01018	.01160	.03197	.00413	300.75840
3.900	-1.661	-.01980	.02208	-.01628	.00580	.03836	.00416	300.39753
3.900	.375	-.01972	.02208	-.01628	.00580	.03836	.00417	300.53386
3.900	2.363	-.01961	.03108	-.01368	.01740	.04475	.00417	300.55791
3.900	4.415	-.01974	.02498	-.01338	.01160	.03836	.00416	300.56593
3.900	6.489	-.01981	.02528	-.01948	.00580	.04475	.00419	300.63009
3.900	8.524	-.01960	.01948	-.02528	-.00580	.04475	.00423	300.65415
3.900	12.436	-.01967	.01397	-.03717	-.02320	.05114	.00430	300.76642
3.900	16.592	-.01944	.02616	-.03776	-.01160	.06393	.00437	300.87869
3.900	20.720	-.01906	.00705	-.08245	-.07540	.08950	.00437	300.86265
3.900	24.627	-.01906	-.03747	.02007	-.01740	-.05754	.00430	301.01502
3.900	28.718	-.01876	.02587	-.03167	-.00580	.05754	.00437	301.23154
3.900	32.799	-.01882	.02847	-.02267	.00580	.05114	.00438	300.87869

## LA75 TABULATED SAOUCE DATA

PAGE 198

LARC UPWT 1173(LA75)B26C9E43F8M16N2RR5V8W

(SJH026)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 194/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.273	-.01963	-.06416	.00616	-.05800	-.07032	.00312	235.20815
4.600	-1.260	-.01960	-.06706	.00326	-.06380	-.07032	.00310	235.80904
4.600	.779	-.01948	-.05706	.00326	-.06380	-.07032	.00312	236.14286
4.600	2.785	-.01953	-.06676	-.00283	-.06960	-.06393	.00312	236.27639
4.600	4.798	-.01938	-.06966	-.00573	-.07540	-.06393	.00310	236.14286
4.600	6.735	-.01926	-.07286	-.00254	-.07540	-.07032	.00314	236.00933
4.600	8.819	-.01943	-.07896	-.00224	-.08120	-.07672	.00315	235.87580
4.600	12.895	-.01910	-.09145	.00445	-.08700	-.09590	.00321	235.87580
4.600	16.887	-.01915	-.13442	.01262	-.12180	-.14704	.00329	235.74227
4.600	20.919	-.01874	-.04788	-.01592	-.06380	-.03197	.00324	235.87580
4.600	24.974	-.01866	-.04989	-.03711	-.08700	-.01279	.00324	235.74227
4.600	28.982	-.01859	-.04841	-.06759	-.11600	.01918	.00324	235.80904
4.600	33.136	-.01871	-.06215	.02735	-.03480	-.08950	.00324	235.87580

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH027)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 187/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.341	-.00136	-9.99105	-.03715	-10.02820	-9.95390	.00637	396.11631
2.860	-2.318	-.00067	-9.97945	-.02555	-10.00500	-9.95390	.00642	395.82747
2.860	-.261	-.00059	-9.98525	-.03135	-10.01660	-9.95390	.00650	395.78895
2.860	1.752	-.00024	-9.99105	-.03715	-10.02820	-9.95390	.00654	396.27036
2.860	3.756	-.00029	-9.98555	-.02525	-10.01080	-9.96029	.00666	395.84672
2.860	5.826	-.00047	-9.98614	-.01306	-9.99920	-9.97308	.00691	396.07780
2.860	7.846	-.00035	-9.99224	-.01276	-10.00500	-9.97947	.00701	395.94300
2.860	11.943	-.00028	-10.00763	-.00897	-10.01660	-9.99865	.00730	396.02003
2.860	15.981	.00024	-10.03491	-.01069	-10.04560	-10.02422	.00762	396.00077
2.860	20.059	.00062	-9.99224	-.01276	-10.00500	-9.97947	.00787	396.15482
2.860	24.181	.00121	-9.97774	.00174	-9.97600	-9.97947	.00779	396.15482
2.860	28.262	.00094	-9.99224	-.01276	-10.00500	-9.97947	.00764	396.03928
2.860	32.323	.00119	-10.01082	-.00578	-10.01660	-10.00504	.00753	396.11631

RUN NO. 191/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.681	-.01992	-9.98762	.01742	-9.97020	-10.00504	.00410	300.37347
3.900	-1.621	-.01994	-9.99662	.01482	-9.98180	-10.01144	.00412	300.36545
3.900	.358	-.01980	-9.99052	.01452	-9.97600	-10.00504	.00410	300.22912
3.900	2.363	-.02000	-9.99952	.01192	-9.98760	-10.01144	.00412	300.11685
3.900	4.413	-.01988	-9.99662	.01482	-9.98180	-10.01144	.00412	300.03665
3.900	6.490	-.01971	-9.99632	.00872	-9.98760	-10.00504	.00417	299.96448
3.900	8.489	-.01975	-10.00562	.01222	-9.99340	-10.01783	.00425	299.87627
3.900	12.578	-.01962	-9.99922	.00582	-9.99340	-10.00504	.00430	300.91878
3.900	16.640	-.01932	-10.00212	.00292	-9.99920	-10.00504	.00434	300.64613
3.900	20.617	-.01912	-10.01112	.00032	-10.01080	-10.01144	.00437	300.09279
3.900	24.662	-.01907	-10.01171	.01251	-9.99920	-10.02422	.00434	300.34139
3.900	28.765	-.01900	-10.00792	-.00288	-10.01080	-10.00504	.00434	300.47772
3.900	32.809	-.01898	-10.01053	-.01187	-10.02240	-9.99865	.00434	300.62207

## LA75 TABULATED SAOUCE DATA

PAGE 200

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH027)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 195/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.285	-.01946	-10.03722	-.02578	-10.06300	-10.01144	.00310	235.74227
4.600	-1.248	-.01931	-10.04012	-.02868	-10.06880	-10.01144	.00310	235.67550
4.600	.786	-.01916	-10.04302	-.03158	-10.07460	-10.01144	.00308	235.74227
4.600	2.745	-.01937	-10.05202	-.03418	-10.08620	-10.01783	.00308	235.74227
4.600	4.754	-.01942	-10.06131	-.03069	-10.09200	-10.03062	.00310	235.67550
4.600	6.805	-.01926	-10.06131	-.03069	-10.09200	-10.03062	.00312	235.74227
4.600	8.819	-.01938	-10.06421	-.03359	-10.09780	-10.03062	.00313	235.74227
4.600	12.831	-.01894	-10.04710	-.01009	-10.05720	-10.03701	.00317	235.74227
4.600	16.870	-.01867	-10.05320	-.00980	-10.06300	-10.04340	.00321	235.80904
4.600	21.010	-.01871	-10.05640	-.00660	-10.06300	-10.04980	.00321	235.80904
4.600	25.005	-.01852	-10.06539	-.00921	-10.07460	-10.05619	.00319	235.74227
4.600	29.028	-.01850	-10.09008	-.00192	-10.09200	-10.08815	.00322	235.80904
4.600	33.125	-.01855	-10.11127	-.00393	-10.11520	-10.10733	.00319	235.80904

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJH028)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 188/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.356	-.00264	-10.00808	5.00268	-5.00540	-15.01076	.00642	396.23184
2.860	-2.270	-.00199	-10.02406	5.01866	-5.00540	-15.04273	.00645	396.27036
2.860	-.281	-.00162	-10.01566	5.03346	-4.98220	-15.04912	.00663	395.96226
2.860	1.726	-.00104	-9.97002	4.97042	-4.99960	-14.94044	.00672	396.09705
2.860	3.776	-.00090	-9.96043	4.96083	-4.99960	-14.92126	.00683	396.59771
2.860	5.808	-.00090	-10.04786	5.00766	-5.04020	-15.05552	.00701	396.27036
2.860	7.837	-.00080	-9.94705	4.93585	-5.01120	-14.88290	.00712	396.44366
2.860	11.901	-.00057	-9.99091	4.96231	-5.02860	-14.95323	.00740	396.21259
2.860	15.980	-.00021	-10.00518	5.00558	-4.99960	-15.01076	.00759	396.48217
2.860	20.049	.00033	-10.01737	5.00618	-5.01120	-15.02355	.00789	396.19333
2.860	24.171	.00113	-9.99039	5.01399	-4.97640	-15.00437	.00776	396.09705
2.860	28.242	.00107	-10.01649	4.98789	-5.02860	-15.00437	.00770	396.48217
2.860	32.345	.00130	-10.03886	5.01026	-5.02860	-15.04912	.00755	396.07780

RUN NO. 192/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.685	-.02037	-9.95143	4.96343	-4.98800	-14.91487	.00412	301.29570
3.900	-1.654	-.02036	-9.94504	4.95704	-4.98800	-14.90208	.00411	301.28768
3.900	.370	-.02009	-9.94504	4.95704	-4.98800	-14.90208	.00415	301.19946
3.900	2.356	-.02011	-9.94794	4.95414	-4.99380	-14.90208	.00415	301.15135
3.900	4.420	-.02010	-9.95084	4.95124	-4.99960	-14.90208	.00415	301.09521
3.900	6.434	-.02014	-9.94764	4.94805	-4.99960	-14.89569	.00418	301.08719
3.900	8.445	-.02022	-9.95344	4.94225	-5.01120	-14.89569	.00422	301.03106
3.900	12.488	-.01976	-9.94185	4.95385	-4.98800	-14.89569	.00431	300.99898
3.900	16.528	-.01946	-9.96943	4.95823	-5.01120	-14.92766	.00437	300.90275
3.900	20.599	-.01923	-9.98801	4.96521	-5.02280	-14.95323	.00438	300.91878
3.900	24.615	-.01906	-9.96570	5.00670	-4.95900	-14.97241	.00435	300.90275
3.900	28.737	-.01890	-9.99180	4.98060	-5.01120	-14.97241	.00437	300.82255
3.900	32.803	-.01879	-10.00258	5.01458	-4.98800	-15.01716	.00437	300.80651

## LA75 TABULATED SAOUCE DATA

PAGE 202

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH028)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 196/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.244	-.01972	-9.99938	5.01138	-4.98800	-15.01076	.00312	235.67550
4.600	-1.264	-.01959	-10.00867	5.01487	-4.99380	-15.02355	.00312	235.74227
4.600	.790	-.01969	-10.00838	5.00878	-4.99960	-15.01716	.00312	235.67550
4.600	2.774	-.01945	-10.00518	5.00558	-4.99960	-15.01076	.00310	235.74227
4.600	4.850	-.01951	-10.00518	5.00558	-4.99960	-15.01076	.00312	235.67550
4.600	6.790	-.01942	-10.00808	5.00268	-5.00540	-15.01076	.00315	235.67550
4.600	8.809	-.01928	-10.00489	4.99949	-5.00540	-15.00437	.00315	235.67550
4.600	12.841	-.01914	-10.00808	5.00268	-5.00540	-15.01076	.00322	235.67550
4.600	16.904	-.01882	-10.01069	4.99369	-5.01700	-15.00437	.00324	235.67550
4.600	20.934	-.01883	-10.01009	4.98149	-5.02860	-14.99158	.00324	235.67550
4.600	24.957	-.01843	-10.04519	4.95279	-5.09240	-14.99798	.00322	235.67550
4.600	29.022	-.01845	-10.02258	4.98818	-5.03440	-15.01076	.00326	235.67550
4.600	33.068	-.01843	-10.03767	4.98587	-5.05180	-15.02355	.00321	235.80904

## LA75 TABULATED SAOUCE DATA

PAGE 203

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM029)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

RUN NO. 189/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSP)
2.860	-4.359	3.01350	-9.91977	4.93757	-4.98220	-14.85733	.00648	396.19333
2.860	-2.309	3.01213	-9.99938	5.01138	-4.98800	-15.01076	.00660	396.25110
2.860	-.254	3.01196	-10.01187	5.01807	-4.99380	-15.02994	.00675	396.69399
2.860	1.728	3.01159	-10.03365	5.02825	-5.00540	-15.06191	.00688	396.67473
2.860	3.825	3.01104	-9.99470	4.97770	-5.01700	-14.97241	.00694	396.36664
2.860	5.832	3.01116	-9.98541	4.97421	-5.01120	-14.95962	.00708	396.59771
2.860	7.870	3.01144	-9.98511	4.96811	-5.01700	-14.95323	.00717	396.38589
2.860	11.907	3.01163	-9.98712	4.94692	-5.04020	-14.93405	.00740	396.65548
2.860	15.975	3.01266	-10.00429	4.98729	-5.01700	-14.99158	.00762	396.50143
2.860	20.126	3.01470	-10.04756	5.00156	-5.04600	-15.04912	.00781	396.48217
2.860	24.161	3.01629	-9.98221	4.97101	-5.01120	-14.95323	.00781	396.63622
2.860	28.245	3.01700	-10.03708	4.97368	-5.06340	-15.01076	.00780	396.50143
2.860	32.378	3.01683	-9.97783	4.94343	-5.03440	-14.92126	.00758	396.52068

RUN NO. 193/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSP)
3.900	-3.676	3.00467	-10.01240	4.96640	-5.04600	-14.97880	.00416	300.69424
3.900	-1.659	3.00405	-9.98600	4.98640	-4.99960	-14.97241	.00416	300.67018
3.900	.377	3.00327	-9.99760	4.97460	-5.02280	-14.97241	.00419	300.71830
3.900	2.378	3.00316	-10.00311	4.96291	-5.04020	-14.96601	.00420	300.67018
3.900	4.409	3.00292	-9.99671	4.95651	-5.04020	-14.95323	.00419	300.66216
3.900	6.414	3.00289	-9.98221	4.97101	-5.01120	-14.95323	.00423	300.69424
3.900	8.487	3.00270	-9.93611	5.02351	-4.91260	-14.95962	.00428	300.62207
3.900	12.530	3.00271	-9.98890	4.98350	-5.00540	-14.97241	.00434	300.63811
3.900	16.641	3.00314	-9.94890	5.03630	-4.91260	-14.98519	.00439	300.59801
3.900	20.646	3.00461	-9.99968	5.01748	-4.98220	-15.01716	.00441	300.67018
3.900	24.699	3.00527	-10.04466	5.00446	-5.04020	-15.04912	.00445	300.70226
3.900	28.732	3.00515	-9.97500	5.01020	-4.96480	-14.98519	.00446	300.71028
3.900	32.845	3.00516	-9.99790	4.98090	-5.01700	-14.97880	.00442	300.66216



LA75 TABULATED SAOUCE DATA  
 LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM029)

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -5.600 BDFLAP = .000

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

RUN NO. 197/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.278	3.00127	-9.98867	5.04127	-4.94740	-15.02994	.00312	235.74227
4.600	-1.251	3.00075	-9.99187	5.04447	-4.94740	-15.03634	.00313	235.74227
4.600	.765	3.00032	-10.00406	5.04506	-4.95900	-15.04912	.00313	235.74227
4.600	2.744	3.00028	-10.00696	5.04216	-4.96480	-15.04912	.00313	235.67550
4.600	4.791	3.00033	-10.02235	5.04595	-4.97640	-15.06830	.00314	235.80904
4.600	6.807	2.99987	-10.03715	5.03755	-4.99960	-15.07469	.00315	235.67550
4.600	8.827	2.99977	-10.04934	5.03814	-5.01120	-15.08748	.00319	235.67550
4.600	12.969	2.99988	-10.06153	5.03873	-5.02280	-15.10027	.00321	235.74227
4.600	16.904	3.00033	-10.07343	5.03323	-5.04020	-15.10666	.00326	235.80904
4.600	20.948	3.00097	-10.09113	5.02193	-5.06920	-15.11305	.00324	235.74227
4.600	25.032	3.00099	-9.99500	4.98380	-5.01120	-14.97880	.00329	235.74227
4.600	29.022	3.00125	-10.00660	4.97220	-5.03440	-14.97880	.00333	235.74227
4.600	33.064	3.00103	-10.01820	4.96060	-5.05760	-14.97880	.00328	235.74227

## LA75 TABULATED SAOUCE DATA

PAGE 205

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH030)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 15/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.335	-.00271	.09754	-.00474	.09280	.10229	.00642	396.00077
2.860	-2.347	-.00189	.07464	-.03404	.04060	.10868	.00661	395.32681
2.860	-.259	-.00174	.06594	-.04274	.02320	.10868	.00662	395.19202
2.860	1.703	-.00169	.06334	-.05174	.01160	.11507	.00663	395.86598
2.860	3.783	-.00154	.06073	-.06073	.00000	.12147	.00676	395.03797
2.860	5.845	-.00126	.06103	-.06683	-.00580	.12786	.00691	395.46160
2.860	7.868	-.00164	.04528	-.00692	.05220	.03836	.00713	396.19333
2.860	11.870	-.00129	.01628	-.02208	-.00580	.03836	.00734	395.73119
2.860	15.969	-.00082	-.03279	-.01361	-.04640	-.01918	.00755	396.17408
2.860	20.040	.00001	-.13501	.02481	-.11020	-.15982	.00755	396.25110
2.860	24.145	.00011	.00053	.05167	.05220	-.05114	.00741	395.96226
2.860	28.218	.00041	-.01078	.03398	.02320	-.04475	.00757	395.80821
2.860	32.351	.00060	-.05108	-.01272	-.06380	-.03836	.00754	396.13556

RUN NO. 32/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.676	-.02107	.00491	.02409	.02900	-.01918	.00390	301.28768
3.900	-1.653	-.02082	.00201	.02119	.02320	-.01918	.00398	300.75038
3.900	.369	-.02057	-.00089	.01829	.01740	-.01918	.00394	300.49376
3.900	2.372	-.02060	-.00379	.01539	.01160	-.01918	.00394	300.95888
3.900	4.395	-.02053	-.00669	.01249	.00580	-.01918	.00394	300.95888
3.900	6.437	-.02053	-.01539	.00379	-.01160	-.01918	.00403	301.23956
3.900	8.451	-.02066	-.02729	-.00171	-.02900	-.02557	.00405	300.92680
3.900	12.478	-.02048	-.03249	-.01971	-.05220	-.01279	.00412	300.27724
3.900	16.570	-.01968	.00290	.00290	.00580	.00000	.00415	300.56593
3.900	20.600	-.01936	-.00840	-.01480	-.02320	.00639	.00411	301.21550
3.900	24.675	-.01909	-.02060	-.01420	-.03480	-.00639	.00408	301.34381
3.900	28.770	-.01877	-.04014	.07494	.03480	-.11507	.00410	301.38391
3.900	32.819	-.01869	-.01331	-.03889	-.05220	.02557	.00414	301.52024

## LA75 TABULATED SAOUCE DATA

PAGE 206

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM030)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 48/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.263	-.02033	.00000	.00000	.00000	.00000	.00276	233.33690
4.600	-1.263	-.02029	.00000	.00000	.00000	.00000	.00276	233.27014
4.600	.747	-.02027	.00000	.00000	.00000	.00000	.00279	233.27014
4.600	2.787	-.02005	.00320	-.00320	.00000	.00639	.00278	233.27014
4.600	4.792	-.02004	-.00610	.00030	-.00580	-.00639	.00279	233.33690
4.600	6.813	-.02005	-.01539	.00379	-.01160	-.01918	.00283	233.27014
4.600	8.807	-.01985	-.02178	.01018	-.01160	-.03197	.00285	233.20337
4.600	12.831	-.01978	-.03078	.00758	-.02320	-.03836	.00290	233.13660
4.600	16.917	-.01941	-.04587	.00527	-.04060	-.05114	.00292	233.27014
4.600	20.941	-.01899	.01509	.00231	.01740	.01279	.00292	233.13660
4.600	24.997	-.01898	.00409	-.02149	-.01740	.02557	.00293	233.13660
4.600	29.022	-.01872	-.00982	-.04818	-.05800	.03836	.00297	233.06984
4.600	33.112	-.01870	.00669	-.01249	-.00580	.01918	.00293	233.06984

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 207

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM031)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 22/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.331	3.01342	-.02439	.00119	-.02320	-.02557	.00643	396.13556
2.860	-2.286	3.01252	-.04877	.00237	-.04640	-.05114	.00664	395.90449
2.860	-.275	3.01175	-.07286	-.00254	-.07540	-.07032	.00676	395.98151
2.860	1.764	3.01122	-.06185	.02125	-.04060	-.08311	.00681	396.00077
2.860	3.818	3.01086	-.07754	.03114	-.04640	-.10868	.00688	396.05854
2.860	5.803	3.01088	-.06535	.03055	-.03480	-.09590	.00698	395.98151
2.860	7.885	3.01085	-.09204	.01664	-.07540	-.10868	.00711	396.09705
2.860	11.899	3.01117	-.03279	.01361	.04640	.01918	.00745	396.17408
2.860	15.977	3.01258	-.02201	-.04759	-.06960	.02557	.00771	395.96226
2.860	20.024	3.01424	-.06871	-.08789	-.15660	.01918	.00770	396.02003
2.860	24.156	3.01584	-.11211	.05411	-.05800	-.16622	.00752	395.86598
2.860	28.218	3.01649	-.14147	.09507	-.04640	-.23654	.00764	396.00077
2.860	32.317	3.01659	.02870	.03510	.06380	-.00639	.00762	395.98151

RUN NO. 39/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.634	3.00480	.00409	-.02149	-.01740	.02557	.00396	300.94284
3.900	-1.642	3.00446	-.00171	-.02729	-.02900	.02557	.00393	300.93482
3.900	.362	3.00366	-.00751	-.03309	-.04060	.02557	.00397	301.02304
3.900	2.365	3.00355	-.01071	-.02989	-.04060	.01918	.00397	300.98294
3.900	4.457	3.00334	-.01911	-.04469	-.06380	.02557	.00399	300.99898
3.900	6.445	3.00316	-.00751	-.03309	-.04060	.02557	.00401	301.01502
3.900	8.488	3.00295	.01308	-.01888	-.00580	.03197	.00410	300.97492
3.900	12.530	3.00333	-.01562	-.05398	-.06960	.03836	.00414	300.92680
3.900	16.540	3.00398	-.00633	-.05747	-.06380	.05114	.00418	300.98294
3.900	20.579	3.00528	.02729	.00171	.02900	.02557	.00421	300.91878
3.900	24.657	3.00600	-.03457	.02297	-.01160	-.05754	.00423	300.94284
3.900	28.725	3.00603	.02847	-.02267	.00580	.05114	.00426	300.91878
3.900	32.794	3.00590	.00000	.00000	.00000	.00000	.00423	300.98294

## LA75 TABULATED SAUCE DATA

PAGE 208

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM031)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 55/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.254	3.00041	-.00491	-.02409	-.02900	.01918	.00278	233.33690
4.600	-1.320	2.99967	-.00171	-.02729	-.02900	.02557	.00276	233.33690
4.600	.792	2.99953	.02409	.00491	.02900	.01918	.00278	233.33690
4.600	2.721	2.99940	.00119	-.02439	-.02320	.02557	.00279	233.40367
4.600	4.794	2.99937	-.00142	-.03338	-.03480	.03197	.00278	233.40367
4.600	6.832	2.99916	.13139	.11221	.24360	.01918	.00279	233.33690
4.600	8.765	2.99882	.00438	-.02758	-.02320	.03197	.00286	233.40367
4.600	12.886	2.99919	-.00722	-.03918	-.04640	.03197	.00290	233.40367
4.600	16.877	2.99978	-.01852	-.05688	-.07540	.03836	.00292	233.40367
4.600	20.900	3.00026	.00237	-.04877	-.04640	.05114	.00294	233.33690
4.600	25.034	3.00038	.03717	-.01397	.02320	.05114	.00297	233.33690
4.600	28.980	3.00078	-.00722	-.03918	-.04640	.03197	.00297	233.33690
4.600	33.068	3.00077	-.00066	.07606	.07540	-.07672	.00295	233.40367

LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM032)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 16/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.270	-.00281	-9.97945	-.02555	-10.00500	-9.95390	.00633	395.96226
2.860	-2.343	-.00228	-9.97915	-.03165	-10.01080	-9.94751	.00636	395.84672
2.860	-.270	-.00199	-9.99164	-.02495	-10.01660	-9.96669	.00644	395.73119
2.860	1.765	-.00179	-9.99484	-.02176	-10.01660	-9.97308	.00644	395.78895
2.860	3.791	-.00180	-10.00993	-.02407	-10.03400	-9.98587	.00659	395.98151
2.860	5.850	-.00139	-10.01313	-.02087	-10.03400	-9.99226	.00679	395.53863
2.860	7.848	-.00156	-10.02213	-.02347	-10.04560	-9.99865	.00688	395.73119
2.860	12.052	-.00133	-10.03201	-.00779	-10.03980	-10.02422	.00714	395.88523
2.860	16.020	-.00060	-10.07238	.00938	-10.06300	-10.08176	.00763	395.80821
2.860	20.127	-.00007	-10.03468	.04708	-9.99760	-10.08176	.00782	395.75044
2.860	24.256	.00041	-10.03758	.04418	-9.99340	-10.08176	.00769	395.82747
2.860	28.236	.00082	-10.02680	.01021	-10.01660	-10.03701	.00748	395.90449
2.860	32.421	.00071	-10.02882	-.01098	-10.03980	-10.01783	.00741	395.92375

RUN NO. 31/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.900	-4.353	-.02104	-9.98845	-.02815	-10.01660	-9.96029	.00622	390.81353
2.900	-2.322	-.02088	-9.98845	-.02815	-10.01660	-9.96029	.00627	391.31663
2.900	-.289	-.02044	-9.99164	-.02496	-10.01660	-9.96669	.00632	392.43462
2.900	1.752	-.02044	-9.99135	-.03105	-10.02240	-9.96029	.00630	392.37872
2.900	3.756	-.02021	-9.98845	-.02815	-10.01660	-9.96029	.00646	392.30419
2.900	5.830	-.02005	-9.99135	-.03105	-10.02240	-9.96029	.00664	392.39736
2.900	7.854	-.01994	-9.99135	-.03105	-10.02240	-9.96029	.00676	391.57749
2.900	11.916	-.01977	-10.00904	-.04236	-10.05140	-9.96669	.00712	391.52159
2.900	15.995	-.01929	-9.99744	-.03076	-10.02820	-9.96669	.00739	391.54023
2.900	20.056	-.01893	-10.00674	-.02726	-10.03400	-9.97947	.00754	391.61476
2.900	24.126	-.01825	-10.02183	-.02957	-10.05140	-9.99226	.00740	391.72656
2.900	28.244	-.01787	-10.04160	.00180	-10.03980	-10.04340	.00729	391.14893
2.900	32.342	-.01770	-10.01283	-.02697	-10.03980	-9.98587	.00722	391.57749

## LA75 TABULATED SAOUCE DATA

PAGE 210

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(5JM032)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 33/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.645	-.02102	-9.98845	-.02815	-10.01660	-9.96029	.00386	300.41356
3.900	-1.659	-.02082	-9.99425	-.03395	-10.02820	-9.96029	.00387	300.30129
3.900	.374	-.02074	-9.99425	-.03395	-10.02820	-9.96029	.00390	300.07675
3.900	2.368	-.02053	-9.99425	-.03395	-10.02820	-9.96029	.00388	299.91636
3.900	4.393	-.02067	-9.99425	-.03395	-10.02820	-9.96029	.00391	299.91636
3.900	6.427	-.02050	-9.99105	-.03715	-10.02820	-9.95390	.00398	299.88429
3.900	8.482	-.02070	-9.99105	-.03715	-10.02820	-9.95390	.00404	300.25318
3.900	12.489	-.02045	-9.99715	-.03685	-10.03400	-9.96029	.00410	300.96690
3.900	16.548	-.01998	-10.00005	-.03975	-10.03980	-9.96029	.00413	300.40555
3.900	20.618	-.01955	-9.99975	-.04585	-10.04560	-9.95390	.00415	300.46168
3.900	24.688	-.01937	-10.00614	-.03946	-10.04560	-9.96669	.00412	300.48574
3.900	28.742	-.01900	-10.01224	-.03916	-10.05140	-9.97308	.00414	301.01502
3.900	32.811	-.01900	-10.03023	-.04437	-10.07460	-9.98587	.00414	301.14333

RUN NO. 49/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.276	-.02032	-10.00123	-.01537	-10.01660	-9.98587	.00279	233.06984
4.600	-1.251	-.02037	-10.00123	-.01537	-10.01660	-9.98587	.00281	233.00307
4.600	.750	-.02010	-10.00443	-.01217	-10.01660	-9.99226	.00277	233.06984
4.600	2.752	-.02016	-10.00733	-.01507	-10.02240	-9.99226	.00279	233.06984
4.600	4.788	-.02002	-10.01343	-.01477	-10.02820	-9.99865	.00279	233.00307
4.600	6.799	-.02014	-10.01343	-.01477	-10.02820	-9.99865	.00283	233.13660
4.600	8.828	-.01996	-10.01662	-.01158	-10.02820	-10.00504	.00288	233.00307
4.600	12.855	-.01950	-10.01982	-.00838	-10.02820	-10.01144	.00293	233.00307
4.600	16.929	-.01911	-10.02592	-.00808	-10.03400	-10.01783	.00293	233.06984
4.600	20.983	-.01911	-10.04101	-.01039	-10.05140	-10.03062	.00293	233.06984
4.600	25.010	-.01887	-10.04391	-.01329	-10.05720	-10.03062	.00293	233.06984
4.600	28.987	-.01870	-10.00502	.00002	-10.00500	-10.00504	.00293	233.06984
4.600	33.111	-.01879	-10.00502	.00002	-10.00500	-10.00504	.00292	233.13660

## LA75 TABULATED SAOUCE DATA

PAGE 211

LARC UPHT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM033)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1075.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 21/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.376	3.01343	-9.95246	-.01774	-9.97020	-9.93472	.00640	395.98151
2.860	-2.282	3.01224	-9.95187	-.02993	-9.98180	-9.92194	.00643	395.86598
2.860	-.274	3.01154	-9.95796	-.02964	-9.98760	-9.92833	.00647	396.07780
2.860	1.722	3.01084	-9.96086	-.03254	-9.99340	-9.92833	.00660	396.05854
2.860	3.741	3.01073	-9.96376	-.03544	-9.99920	-9.92833	.00670	395.98151
2.860	5.855	3.01093	-9.96057	-.03863	-9.99920	-9.92194	.00682	396.03928
2.860	7.871	3.01072	-9.96347	-.04153	-10.00500	-9.92194	.00694	396.23184
2.860	11.942	3.01130	-9.97276	-.03804	-10.01080	-9.93472	.00730	395.90449
2.860	15.961	3.01217	-10.00585	-.04555	-10.05140	-9.96029	.00770	395.88523
2.860	20.054	3.01425	-10.03343	-.04117	-10.07460	-9.99226	.00784	396.00077
2.860	24.204	3.01578	-10.02651	.00411	-10.02240	-10.03062	.00765	395.98151
2.860	28.201	3.01657	-10.06108	.02708	-10.03400	-10.08815	.00758	395.84672
2.860	32.362	3.01650	-10.00934	-.03626	-10.04560	-9.97308	.00744	395.94300

RUN NO. 38/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.676	3.00487	-9.99893	-.00027	-9.99920	-9.99865	.00390	301.06313
3.900	-1.646	3.00431	-10.00183	-.00317	-10.00500	-9.99865	.00390	301.11927
3.900	.386	3.00376	-10.00502	.00002	-10.00500	-10.00504	.00390	301.14333
3.900	2.389	3.00357	-10.00502	.00002	-10.00500	-10.00504	.00392	301.16739
3.900	4.405	3.00314	-10.00822	.00322	-10.00500	-10.01144	.00393	300.66216
3.900	6.423	3.00284	-10.01432	.00352	-10.01080	-10.01783	.00403	300.91878
3.900	8.427	3.00300	-10.01751	.00671	-10.01080	-10.02422	.00410	301.19144
3.900	12.528	3.00332	-10.02071	.00991	-10.01080	-10.03062	.00414	301.19946
3.900	16.537	3.00382	-10.03260	.00441	-10.02820	-10.03701	.00418	301.23956
3.900	20.569	3.00532	-9.98235	-.02845	-10.01080	-9.95390	.00422	301.19946
3.900	24.685	3.00628	-9.98845	-.02815	-10.01660	-9.96029	.00422	301.15135
3.900	28.749	3.00612	-9.98845	-.02815	-10.01660	-9.96029	.00423	301.25560
3.900	32.796	3.00598	-9.99105	-.03715	-10.02820	-9.95390	.00418	301.19144



## LA75 TABULATED SAUCE DATA

PAGE 212

LARC UP4T 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM033)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 54/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.270	3.00023	-9.99052	.01452	-9.97600	-10.00504	.00278	233.20337
4.600	-1.276	2.99997	-9.98762	.01742	-9.97020	-10.00504	.00276	233.33690
4.600	.757	2.99957	-9.99372	.01772	-9.97600	-10.01144	.00278	233.33690
4.600	2.775	2.99927	-9.99692	.02092	-9.97600	-10.01783	.00276	233.40367
4.600	4.808	2.99927	-9.99692	.02092	-9.97600	-10.01783	.00278	233.27014
4.600	6.791	2.99918	-10.00621	.02441	-9.98180	-10.03062	.00281	233.27014
4.600	8.797	2.99900	-10.00940	.02761	-9.98180	-10.03701	.00283	233.27014
4.600	12.914	2.99918	-10.01260	.03080	-9.98180	-10.04340	.00292	233.33690
4.600	16.967	2.99976	-9.97105	-.01075	-9.98180	-9.96029	.00295	233.33690
4.600	20.903	3.00031	-9.97395	-.01365	-9.98760	-9.96029	.00295	233.33690
4.600	25.052	3.00043	-9.97685	-.01655	-9.99340	-9.96029	.00297	233.33690
4.600	28.990	3.00086	-9.98235	-.02845	-10.01080	-9.95390	.00297	233.40367
4.600	33.170	3.00067	-10.00265	-.04875	-10.05140	-9.95390	.00292	233.33690

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 213

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH034)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 17/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.309	-.00374	-9.89999	4.90619	-4.99380	-14.80619	.00646	395.63491
2.860	-2.330	-.00302	-9.91159	4.89459	-5.01700	-14.80619	.00648	395.65416
2.860	-.248	-.00277	-9.93479	4.87139	-5.06340	-14.80619	.00655	395.76970
2.860	1.739	-.00247	-9.88520	4.91460	-4.97060	-14.79980	.00661	395.88523
2.860	3.812	-.00206	-9.89070	4.90270	-4.98800	-14.79340	.00671	395.78895
2.860	5.825	-.00189	-10.03856	5.00416	-5.03440	-15.04273	.00684	395.82747
2.860	7.858	-.00196	-10.06555	4.99635	-5.06920	-15.06191	.00694	395.69267
2.860	11.845	-.00147	-10.03484	5.05264	-4.98220	-15.08748	.00728	395.61565
2.860	15.948	-.00092	-10.06153	5.03873	-5.02280	-15.10027	.00749	395.78895
2.860	20.088	.00013	-9.94883	4.97243	-4.97640	-14.92126	.00780	395.73119
2.860	24.150	.00075	-9.96534	4.93674	-5.02860	-14.90208	.00759	395.69267
2.860	28.192	.00097	-9.99872	4.93532	-5.06340	-14.93405	.00753	395.55788
2.860	32.350	.00118	-10.00891	4.95711	-5.05180	-14.96601	.00745	395.63491

RUN NO. 34/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.660	-.02178	-10.00139	4.99019	-5.01120	-14.99158	.00390	300.76642
3.900	-1.664	-.02160	-10.01359	4.99079	-5.02280	-15.00437	.00392	300.69424
3.900	.357	-.02137	-10.01737	5.00618	-5.01120	-15.02355	.00394	300.84661
3.900	2.375	-.02107	-9.97552	4.95852	-5.01700	-14.93405	.00394	300.76642
3.900	4.418	-.02127	-9.97842	4.95562	-5.02280	-14.93405	.00394	300.71830
3.900	6.437	-.02109	-9.98132	4.95272	-5.02860	-14.93405	.00397	300.68622
3.900	8.438	-.02110	-9.98393	4.94373	-5.04020	-14.92766	.00405	300.68622
3.900	12.481	-.02070	-9.98132	4.95272	-5.02860	-14.93405	.00415	300.66216
3.900	16.534	-.02014	-9.98653	4.93473	-5.05180	-14.92126	.00423	300.57395
3.900	20.618	-.01961	-9.97552	4.95852	-5.01700	-14.93405	.00426	300.86265
3.900	24.676	-.01937	-9.97813	4.94953	-5.02860	-14.92766	.00420	300.85463
3.900	28.730	-.01876	-9.96452	4.98232	-4.98220	-14.94683	.00422	300.92680
3.900	32.808	-.01875	-9.98831	4.97131	-5.01700	-14.95962	.00420	300.91077

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM034)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 50/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.280	-.02074	-10.00779	4.99659	-5.01120	-15.00437	.00277	233.06984
4.600	-1.235	-.02063	-10.01678	4.99398	-5.02280	-15.01076	.00279	233.06984
4.600	.797	-.02042	-10.02258	4.98818	-5.03440	-15.01076	.00277	233.06984
4.600	2.721	-.02024	-10.01678	4.99398	-5.02280	-15.01076	.00279	233.06984
4.600	4.846	-.02017	-9.96860	5.00380	-4.96480	-14.97241	.00277	233.13660
4.600	6.852	-.02022	-9.96801	4.99161	-4.97640	-14.95962	.00279	233.00307
4.600	8.786	-.02020	-9.97701	4.98901	-4.98800	-14.96601	.00283	233.00307
4.600	16.873	-.01949	-9.99180	4.98060	-5.01120	-14.97241	.00288	233.06984
4.600	20.902	-.01920	-10.00021	4.96581	-5.03440	-14.96601	.00290	233.06984
4.600	25.064	-.01881	-9.96221	4.99741	-4.96480	-14.95962	.00290	233.06984
4.600	29.098	-.01881	-9.96771	4.98551	-4.98220	-14.95323	.00292	233.00307
4.600	33.010	-.01891	-9.97961	4.98001	-4.99961	-14.95962	.00292	233.06984

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM035)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 20/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.318	3.01173	-9.96742	4.97942	-4.98800	-14.94683	.00653	396.11631
2.860	-2.321	3.01088	-9.98571	4.98031	-5.00540	-14.96601	.00660	395.94300
2.860	-.266	3.01026	-10.01039	4.98759	-5.02280	-14.99798	.00668	395.96226
2.860	1.726	3.01003	-10.03537	5.00097	-5.03440	-15.03634	.00680	396.30887
2.860	3.800	3.01001	-10.05715	5.01115	-5.04600	-15.06830	.00680	396.40515
2.860	5.813	3.00994	-10.07864	5.01524	-5.06340	-15.09387	.00685	395.92375
2.860	7.805	3.01015	-10.06793	5.04513	-5.02280	-15.11305	.00703	396.15482
2.860	11.912	3.01053	-10.05105	5.01085	-5.04020	-15.06191	.00737	396.28961
2.860	16.005	3.01196	-10.08763	5.01263	-5.07500	-15.10027	.00764	395.96226
2.860	20.061	3.01398	-10.01388	4.99688	-5.01700	-15.01076	.00778	396.11631
2.860	24.173	3.01581	-10.06064	5.02044	-5.04020	-15.08109	.00767	396.02003
2.860	28.266	3.01650	-10.04028	4.97688	-5.06340	-15.01716	.00766	396.03928
2.860	32.374	3.01638	-10.03998	4.97078	-5.06920	-15.01076	.00754	395.86598

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM035)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 36/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.673	3.00387	-9.93677	5.09957	-4.83720	-15.03634	.00411	300.91077
3.900	-1.642	3.00335	-9.96541	5.00061	-4.96480	-14.96601	.00403	300.97492
3.900	.387	3.00270	-9.97500	5.01020	-4.96480	-14.98519	.00401	300.99096
3.900	2.391	3.00251	-9.99068	5.02008	-4.97060	-15.01076	.00401	300.90275
3.900	4.392	3.00226	-10.00287	5.02068	-4.98220	-15.02355	.00400	300.91077
3.900	6.447	3.00237	-10.01797	5.01837	-4.99960	-15.03634	.00404	300.94284
3.900	8.457	3.00228	-10.02406	5.01866	-5.00540	-15.04273	.00407	300.92680
3.900	12.501	3.00257	-10.03626	5.01926	-5.01700	-15.05552	.00411	300.94284
3.900	16.543	3.00320	-9.97493	4.94633	-5.02860	-14.92126	.00419	300.96690
3.900	20.609	3.00501	-9.98043	4.93443	-5.04600	-14.91487	.00425	300.94284
3.900	24.691	3.00549	-9.94853	4.96633	-4.98220	-14.91487	.00427	301.01502
3.900	28.718	3.00580	-9.95984	4.94864	-5.01120	-14.90848	.00427	300.92680
3.900	32.792	3.00576	-9.97753	4.93733	-5.04020	-14.91487	.00419	300.95086

RUN NO. 53/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.268	2.99972	-9.96949	5.02209	-4.94740	-14.99158	.00297	233.13660
4.600	-1.423	2.99935	-9.97269	5.02529	-4.94740	-14.99798	.00292	233.20337
4.600	.764	2.99895	-9.97559	5.02239	-4.95320	-14.99798	.00288	233.27014
4.600	2.762	2.99910	-9.97529	5.01629	-4.95900	-14.99158	.00286	233.20337
4.600	4.771	2.99901	-9.98429	5.01369	-4.97060	-14.99798	.00283	233.20337
4.600	6.795	2.99898	-9.99559	4.99599	-4.99960	-14.99158	.00285	233.27014
4.600	10.189	2.99886	-10.00429	4.98729	-5.01700	-14.99158	.00290	233.20337
4.600	12.878	2.99899	-10.01009	4.98149	-5.02860	-14.99158	.00290	233.33690
4.600	16.885	2.99961	-10.00429	4.98729	-5.01700	-14.99158	.00297	233.20337
4.600	20.948	3.00019	-10.00980	4.97540	-5.03440	-14.98519	.00297	233.20337
4.600	25.028	3.00033	-9.96340	5.02180	-4.94160	-14.98519	.00299	233.20337
4.600	29.014	3.00079	-9.98719	5.01079	-4.97640	-14.99798	.00297	233.33690
4.600	33.116	3.00061	-10.01708	5.00008	-5.01700	-15.01716	.00295	233.27014

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM036)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BOFLAP = .000

RUN NO. 198/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.352	-.00337	.01539	-.00379	.01160	.01918	.00650	395.05854
2.860	-2.288	-.00304	.00989	-.01569	-.00580	.02557	.00670	396.02003
2.860	-.265	-.00225	-.01799	-.00521	-.02320	-.01279	.00673	395.98151
2.860	1.715	-.00240	-.04007	.01107	-.02900	-.05114	.00675	395.98151
2.860	3.770	-.00222	-.08713	.04073	-.04640	-.12786	.00691	395.92375
2.860	5.808	-.00200	-.05339	-.02781	-.08120	-.02557	.00706	395.03928
2.860	7.827	-.00218	-.06120	-.05480	-.11600	-.00639	.00720	395.84672
2.860	11.979	-.00183	-.03539	-.02261	-.05800	-.01279	.00743	395.80821
2.860	16.024	-.00106	-.16467	.07187	-.09280	-.23654	.00760	395.76970
2.860	20.055	-.00031	-.01130	-.01770	-.02900	.00639	.00758	395.88523
2.860	24.170	.00040	-.03190	-.03190	-.06380	.00000	.00749	395.84672
2.860	28.218	.00068	-.03249	-.01971	-.05220	-.01279	.00768	395.73119
2.860	32.285	.00073	-.02491	-.05049	-.07540	.02557	.00767	395.86598

RUN NO. 202/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.680	-.02146	.01770	.01130	.02900	.00639	.00410	300.99898
3.900	-1.646	-.02106	.02089	.00811	.02900	.01279	.00418	300.57395
3.900	.371	-.02115	.01480	.00840	.02320	.00639	.00418	300.51782
3.900	2.376	-.02103	.00840	.01480	.02320	-.00639	.00417	300.52564
3.900	4.402	-.02101	.00491	.02409	.02900	-.01918	.00418	300.47772
3.900	6.424	-.02092	-.00758	.03078	.02320	-.03836	.00422	300.71830
3.900	8.456	-.02103	.04007	-.01107	.02900	.05114	.00427	301.07115
3.900	12.509	-.02077	.03836	-.03836	.00000	.07672	.00433	300.83057
3.900	16.553	-.02017	-.03019	-.00461	-.03480	-.02557	.00439	300.42158
3.900	20.634	-.01940	-.00811	-.02089	-.02900	.01279	.00439	300.44564
3.900	24.753	-.01930	-.01012	-.04208	-.05220	.03197	.00436	300.44564
3.900	28.745	-.01884	.01977	-.03137	-.01160	.05114	.00437	300.42960
3.900	32.823	-.01893	-.01420	-.02060	-.03480	.00639	.00440	300.41356

## LA75 TABULATED SAOUCE DATA

PAGE 217

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM036)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 206/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.278	-.00138	.00900	.00260	.01160	.00639	.00309	235.37679
4.600	-1.245	-.00101	.01509	.00231	.01740	.01279	.00309	235.44356
4.600	.764	-.00088	.00610	-.00030	.00580	.00639	.00311	235.37679
4.600	2.759	-.00090	.00610	-.00030	.00580	.00639	.00309	235.31003
4.600	4.761	-.00082	.00320	-.00320	.00000	.00639	.00309	235.31003
4.600	6.861	-.00077	-.00290	-.00290	-.00580	.00000	.00311	235.31003
4.600	8.911	-.00064	-.01219	.00059	-.01160	-.01279	.00311	235.44356
4.600	12.881	-.00026	-.04007	.01107	-.02900	-.05114	.00318	235.31003
4.600	16.905	.00031	-.00171	-.02729	-.02900	.02557	.00323	235.37679
4.600	20.941	.00069	.02326	-.04066	-.01740	.06393	.00321	235.24326
4.600	25.054	.00085	.03345	-.06245	-.02900	.09590	.00323	235.37679
4.600	29.065	.00090	-.04498	-.01302	-.05800	-.03197	.11323	235.24326
4.600	33.106	.00107	.00758	-.03078	-.02320	.03836	.00323	235.44356

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM037)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 199/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.346	-.00388	-10.01573	-.02997	-10.04560	-9.98587	.00643	396.13556
2.860	-2.303	-.00338	-10.01893	-.02667	-10.04560	-9.99226	.00644	396.03928
2.860	-.289	-.00281	-10.02503	-.02637	-10.05140	-9.99865	.00652	395.86598
2.860	1.677	-.00260	-10.02822	-.02318	-10.05140	-10.00504	.00657	396.15482
2.860	3.765	-.00256	-10.04681	-.01619	-10.06300	-10.03062	.00673	396.19333
2.860	5.835	-.00264	-10.03692	-.03188	-10.06880	-10.00504	.00699	396.32812
2.860	7.875	-.00254	-10.01982	-.00838	-10.02820	-10.01144	.00705	396.15482
2.860	11.939	-.00221	-10.00763	-.00897	-10.01660	-9.99865	.00737	396.21259
2.860	15.988	-.00174	-9.99662	.01482	-9.98180	-10.01144	.00774	396.27036
2.860	20.139	-.00073	-10.01171	.01251	-9.99920	-10.02422	.00783	396.11631
2.860	24.160	.00009	-10.03959	.02299	-10.01660	-10.06258	.00773	396.25110
2.860	28.284	.00039	-10.01053	-.01187	-10.02240	-9.99865	.00755	396.28961
2.860	32.315	.00087	-10.00763	-.00897	-10.01660	-9.99865	.00753	396.23184

RUN NO. 203/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.661	-.02149	-9.98093	.00493	-9.97600	-9.98587	.00407	300.87869
3.900	-1.634	-.02127	-9.98093	.00493	-9.97600	-9.98587	.00410	300.84661
3.900	.434	-.02118	-9.98093	.00493	-9.97600	-9.98587	.00416	300.83057
3.900	2.375	-.02136	-9.98383	.00203	-9.98180	-9.98587	.00413	300.89473
3.900	4.404	-.02121	-9.98383	.00203	-9.98180	-9.98587	.00416	300.81453
3.900	6.402	-.02133	-9.98064	-.00116	-9.98180	-9.97947	.00422	300.81453
3.900	8.358	-.02110	-9.98383	.00203	-9.98180	-9.98587	.00426	300.75038
3.900	12.526	-.02106	-9.98064	-.00116	-9.98180	-9.97947	.00433	300.75038
3.900	16.527	-.02038	-9.98963	-.00377	-9.99340	-9.98587	.00443	300.84661
3.900	20.642	-.01981	-9.99253	-.00667	-9.99920	-9.98587	.00440	300.74236
3.900	24.652	-.01944	-10.00153	-.00927	-10.01080	-9.99226	.00439	300.76642
3.900	28.731	-.01938	-10.02852	-.01708	-10.04560	-10.01144	.00440	300.79047
3.900	32.803	-.01922	-10.01751	.00671	-10.01080	-10.02422	.00439	300.80651

## LA75 TABULATED SAOUCE DATA

PAGE 219

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM037)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 207/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.276	-.00133	-9.99342	.01162	-9.98180	-10.00504	.00314	235.17650
4.600	-1.251	-.00112	-9.99342	.01162	-9.98180	-10.00504	.00312	235.17650
4.600	.797	-.00078	-9.96785	-.01395	-9.98180	-9.95390	.00312	235.17650
4.600	2.752	-.00068	-9.97395	-.01365	-9.98760	-9.96029	.00311	235.24326
4.600	4.834	-.00052	-9.97395	-.01365	-9.98760	-9.96029	.00312	235.17650
4.600	6.837	-.00069	-9.97714	-.01046	-9.98760	-9.96669	.00316	235.24326
4.600	8.837	-.00048	-9.97395	-.01365	-9.98760	-9.96029	.00318	235.17650
4.600	12.938	-.00009	-9.97075	-.01685	-9.98760	-9.95390	.00320	235.17650
4.600	16.965	.00056	-9.97075	-.01685	-9.98760	-9.95390	.00321	235.17650
4.600	20.944	.00082	-9.97395	-.01365	-9.98760	-9.96029	.00323	235.24326
4.600	24.978	.00116	-9.99194	-.01886	-10.01080	-9.97308	.00323	235.17650
4.600	29.042	.00115	-9.99514	-.01566	-10.01080	-9.97947	.00323	235.17650
4.600	33.129	.00132	-9.99543	-.00957	-10.00500	-9.98587	.00323	235.24326



## LA75 TABULATED SAOUCE DATA

PAGE 220

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM038)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 200/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.323	-.00511	-9.98340	4.99540	-4.98800	-14.97880	.00644	396.65548
2.860	-2.310	-.00440	-9.99180	4.98060	-5.01120	-14.97241	.00648	396.38589
2.860	-.269	-.00373	-10.00630	4.96610	-5.04020	-14.97241	.00661	396.61696
2.860	1.739	-.00313	-9.98251	4.97711	-5.00540	-14.95962	.00676	396.77101
2.860	3.779	-.00325	-9.99121	4.96841	-5.02280	-14.95962	.00686	396.80953
2.860	5.893	-.00318	-9.99470	4.97770	-5.01700	-14.97241	.00702	396.77101
2.860	7.868	-.00285	-9.99909	5.00529	-4.99380	-15.00437	.00715	396.77101
2.860	11.958	-.00247	-10.01477	5.01517	-4.99960	-15.02994	.00728	396.75176
2.860	16.022	-.00141	-9.98287	5.04707	-4.93580	-15.02994	.00776	396.71325
2.860	20.068	-.00057	-9.99790	4.98090	-5.01700	-14.97880	.00781	396.61696
2.860	24.176	.00011	-9.96452	4.98232	-4.98220	-14.94683	.00768	396.67473
2.860	28.244	.00109	-10.00630	4.96610	-5.04020	-14.97241	.00761	395.71193
2.860	32.344	.00110	-10.00867	5.01487	-4.99380	-15.02355	.00759	396.15482

RUN NO. 204/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.674	-.02228	-9.96191	4.99131	-4.97060	-14.95323	.00411	300.44564
3.900	-1.660	-.02188	-9.96771	4.98551	-4.98220	-14.95323	.00416	301.35985
3.900	.351	-.02171	-9.97061	4.98261	-4.98800	-14.95323	.00418	301.31975
3.900	2.399	-.02153	-9.96452	4.98232	-4.98220	-14.94683	.00418	301.35183
3.900	4.428	-.02160	-9.96392	4.97012	-4.99380	-14.93405	.00418	301.24758
3.900	6.464	-.02140	-9.97002	4.97042	-4.99960	-14.94044	.00423	301.28768
3.900	8.451	-.02139	-9.97262	4.96142	-5.01120	-14.93405	.00427	301.28768
3.900	12.540	-.02112	-9.96682	4.96722	-4.99960	-14.93405	.00434	301.20748
3.900	16.540	-.02035	-9.97872	4.96172	-5.01700	-14.94044	.00440	301.19946
3.900	20.643	-.01994	-9.98920	4.98960	-4.99960	-14.97880	.00443	301.18342
3.900	24.752	-.01977	-10.00779	4.99659	-5.01120	-15.00437	.00442	301.18342
3.900	28.760	-.01918	-10.01507	5.02127	-4.99380	-15.03634	.00440	301.15135
3.900	32.867	-.01903	-10.00080	4.97800	-5.02280	-14.97880	.00440	301.11125

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM038)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 208/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.272	-.00154	-10.00228	5.00848	-4.99380	-15.01076	.00312	235.17650
4.600	-1.235	-.00116	-10.00518	5.00558	-4.99960	-15.01076	.00313	235.24326
4.600	.777	-.00080	-9.99849	4.99309	-5.00540	-14.99158	.00311	235.17650
4.600	2.763	-.00068	-10.00169	4.99629	-5.00540	-14.99798	.00312	235.17650
4.600	4.801	-.00038	-9.97239	5.01919	-4.95320	-14.99158	.00312	235.17650
4.600	6.856	-.00041	-9.97529	5.01629	-4.95900	-14.99158	.00316	235.24326
4.600	8.909	-.00038	-9.98370	5.00150	-4.98220	-14.98519	.00316	235.24326
4.600	12.919	.00006	-9.98950	4.99570	-4.99380	-14.98519	.00321	235.17650
4.600	16.850	.00049	-10.01270	4.97250	-5.04020	-14.98519	.00327	235.17650
4.600	20.994	.00090	-9.98630	4.99250	-4.99380	-14.97880	.00327	235.31003
4.600	24.985	.00110	-10.00370	4.97510	-5.02860	-14.97880	.00327	235.17650
4.600	29.082	.00121	-10.00400	4.98120	-5.02280	-14.98519	.00327	235.17650
4.600	33.097	.00122	-10.00429	4.98729	-5.01700	-14.99158	.00327	235.24326

## LA75 TABULATED SAUCE DATA

PAGE 222

LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W

(SJM039)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 201/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.336	3.01059	-10.01128	5.00588	-5.00540	-15.01716	.00648	396.02003
2.860	-2.333	3.00977	-10.02667	5.00967	-5.01700	-15.03634	.00661	396.03928
2.860	-.261	3.00932	-10.00459	4.99339	-5.01120	-14.99798	.00679	396.42440
2.860	1.738	3.00909	-10.00139	4.99019	-5.01120	-14.99158	.00687	396.21259
2.860	3.793	3.00872	-10.00400	4.98120	-5.02280	-14.98519	.00692	396.09705
2.860	5.837	3.00902	-9.99500	4.98380	-5.01120	-14.97880	.00704	396.42440
2.860	7.835	3.00927	-10.00050	4.97190	-5.02860	-14.97241	.00713	396.27036
2.860	11.939	3.00959	-10.00719	4.98439	-5.02280	-14.99158	.00744	396.30887
2.860	16.089	3.01110	-10.05916	4.98996	-5.06920	-15.04912	.00763	396.21259
2.860	20.092	3.01343	-9.97203	4.94923	-5.02280	-14.92126	.00782	396.38589
2.860	24.141	3.01534	-9.95924	4.93644	-5.02280	-14.89569	.00777	396.21259
2.860	28.234	3.01649	-10.00920	4.96320	-5.04600	-14.97241	.00778	396.19333
2.860	32.341	3.01660	-9.95901	4.99421	-4.96480	-14.95323	.00767	396.27036

RUN NO. 205/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.679	3.02177	-9.96831	4.99771	-4.97060	-14.96601	.00416	300.99096
3.900	-1.627	3.00223	-9.97961	4.98001	-4.99960	-14.95962	.00418	300.99096
3.900	.423	3.00202	-9.98511	4.96811	-5.01700	-14.95323	.00421	301.02304
3.900	2.270	3.00195	-9.98801	4.96521	-5.02280	-14.95323	.00421	301.03908
3.900	4.420	3.00160	-9.96712	4.97332	-4.99380	-14.94044	.00422	301.03106
3.900	6.445	3.00152	-9.96682	4.96722	-4.99960	-14.93405	.00422	301.02304
3.900	8.529	3.00145	-9.96043	4.96083	-4.99960	-14.92126	.00427	301.03908
3.900	12.472	3.00170	-9.97203	4.94923	-5.02280	-14.92126	.00436	300.99898
3.900	16.570	3.00258	-9.97582	4.96462	-5.01120	-14.94044	.00443	301.01502
3.900	20.630	3.00411	-9.99470	4.97770	-5.01700	-14.97241	.00446	300.95086
3.900	24.604	3.00500	-10.00489	4.99949	-5.00540	-15.00437	.00449	301.00700
3.900	28.744	3.00520	-10.02317	5.00037	-5.02280	-15.02355	.00451	301.00700
3.900	32.798	3.00499	-9.95901	4.99421	-4.96480	-14.95323	.00443	300.98294

## LA75 TABULATED SAOUCE DATA

PAGE 223

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM039)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -16.900 BDFLAP = .000

RUN NO. 209/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.262	3.00048	-9.98920	4.98960	-4.99960	-14.97880	.00313	235.24326
4.600	-1.236	3.00065	-9.98630	4.99250	-4.93380	-14.97880	.00311	235.24326
4.600	.764	3.00020	-9.99240	4.99280	-4.99960	-14.98519	.00311	235.24326
4.600	2.760	3.00034	-10.00139	4.99019	-5.01120	-14.99158	.00313	235.31003
4.600	4.808	3.00035	-10.01069	4.99369	-5.01700	-15.00437	.00313	235.24326
4.600	6.789	2.99986	-10.01069	4.99369	-5.01700	-15.00437	.00313	235.31003
4.600	8.868	2.99973	-9.99098	5.02618	-4.96480	-15.01716	.00316	235.24326
4.600	12.852	3.00040	-10.00607	5.02387	-4.98220	-15.02994	.00320	235.24326
4.600	16.926	3.00101	-10.01797	5.01837	-4.99960	-15.03634	.00323	235.31003
4.600	20.947	3.00148	-9.96244	4.93964	-5.02280	-14.90208	.00327	235.24326
4.600	24.993	3.00176	-10.00980	4.97540	-5.03440	-14.98519	.00330	235.24326
4.600	29.022	3.00222	-9.98950	4.99570	-4.99380	-14.98519	.00330	235.31003
4.600	33.112	3.00222	-9.99500	4.98380	-5.01120	-14.97880	.00325	235.44356

## LA75 TABULATED SAOUCE DATA

PAGE 224

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW

(SJM040)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRF = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRF = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRF = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 210/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.358	-.02263	-.03048	.00148	-.02900	-.03197	.00650	396.27036
2.860	-2.310	-.02230	-.02379	-.01101	-.03480	-.01279	.00665	396.30887
2.860	-.261	-.02167	-.01391	-.02669	-.04060	.01279	.00671	396.02003
2.860	1.734	-.02152	-.01361	-.03279	-.04640	.01918	.00673	395.96151
2.860	3.805	-.02152	-.01911	-.04469	-.06380	.02557	.00680	396.00077
2.860	5.830	-.02130	.02409	.00491	.02900	.01918	.00701	395.92375
2.860	7.812	-.02136	-.02528	.01948	-.00580	-.04475	.00713	395.96226
2.860	11.953	-.02108	-.00982	-.04818	-.05800	.03836	.00740	395.88523
2.860	15.977	-.01997	.03836	-.03836	.00000	.07672	.00755	395.76970
2.860	20.075	-.01958	-.01012	-.04208	-.05220	.03197	.00755	395.65416
2.860	24.176	-.01881	-.12638	.09738	-.02900	-.22375	.00747	395.75044
2.860	28.239	-.01840	.03575	-.04735	-.01160	.08311	.00761	395.67342
2.860	32.322	-.01812	.02007	-.03747	-.01740	.05754	.00763	395.63491

RUN NO. 214/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.679	-.00309	-.02149	.00409	-.01740	-.02557	.00403	300.72632
3.900	-1.644	-.00290	-.01829	.00089	-.01740	-.01918	.00411	300.80651
3.900	.387	-.00253	-.01829	.00089	-.01740	-.01918	.00413	300.67018
3.900	2.408	-.00249	-.02149	.00409	-.01740	-.02557	.00410	300.73434
3.900	4.421	-.00260	-.02788	.01048	-.01740	-.03836	.00410	300.61405
3.900	6.390	-.00251	-.03108	.01368	-.01740	-.04475	.00413	300.64613
3.900	8.475	-.00263	-.04297	.00817	-.03480	-.05114	.00418	300.58999
3.900	12.507	-.00220	.01747	-.04646	-.02900	.06393	.00424	300.59801
3.900	16.546	-.00159	.01196	-.05836	-.04640	.07032	.00429	300.59801
3.900	20.600	-.00072	-.04936	.01456	-.03480	-.06393	.00429	300.48574
3.900	24.642	-.00053	-.02290	-.02930	-.05220	.00639	.00425	300.52584
3.900	28.755	-.00019	-.03160	-.03800	-.06960	.00639	.00428	300.46970
3.900	32.840	-.00016	.00610	-.00030	.00580	.00639	.00432	300.54389

## LA75 TABULATED SAOUCE DATA

PAGE 225

LARC UPWT 1173(LA75)B26C9E43F0M16N20R5V0W

(SJM040)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6000 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BOFLAP = .000

RUN NO. 218/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.268	-.02087	.00870	.00870	.01740	.00000	.00297	235.35630
4.600	-1.249	-.02039	.00260	.00900	.01160	-.00639	.00297	235.35630
4.600	.760	-.02050	.00290	.00290	.00580	.00000	.00298	235.35630
4.600	2.750	-.02038	-.00610	.00030	-.00580	-.00639	.00298	235.28953
4.600	4.803	-.02027	-.01219	.00059	-.01160	-.01279	.00298	235.28953
4.600	6.822	-.02026	-.01829	.00089	-.01740	-.01918	.00302	235.35630
4.600	8.840	-.02012	-.03078	.00758	-.02320	-.03836	.00304	235.28953
4.600	12.883	-.01953	-.00662	-.05138	-.05800	.04475	.00311	235.35630
4.600	16.933	-.01923	.03628	.00432	.04060	.03197	.00312	235.35630
4.600	20.940	-.01873	.04066	-.02326	.01740	.06393	.00311	235.42306
4.600	24.992	-.01864	.02676	-.04996	-.02320	.07672	.00314	235.35630
4.600	29.034	-.01874	-.00662	-.05138	-.05800	.04475	.00318	235.22277
4.600	33.137	-.01866	-.02699	-.00781	-.03480	-.01918	.00319	235.15600

## LA75 TABULATED SAOUCE DATA

PAGE 226

LARC UPWT 1173(LA75)B26C9E43FBM16N2BR5V8W

(SJK041)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 211/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.361	-.02266	-9.98614	-.01306	-9.99920	-9.97308	.00640	395.94300
2.860	-2.319	-.02253	-10.00703	-.02117	-10.02820	-9.98587	.00642	395.55788
2.860	-.259	-.02204	-10.00733	-.01507	-10.02240	-9.99226	.00649	395.90449
2.860	1.756	-.02215	-10.00822	.00322	-10.00500	-10.01144	.00654	395.75044
2.860	3.770	-.02178	-10.00621	.02441	-9.98180	-10.03062	.00670	395.71193
2.860	5.808	-.02166	-9.98093	.00493	-9.97600	-9.98587	.00683	395.67342
2.860	7.860	-.02143	-9.98383	.00203	-9.98180	-9.98587	.00698	395.61565
2.860	11.916	-.02119	-9.98354	-.00406	-9.98760	-9.97947	.00725	395.78895
2.860	16.003	-.02065	-9.99573	-.00347	-9.99920	-9.99226	.00763	395.61565
2.860	20.053	-.01943	-10.00212	.00292	-9.99920	-10.00504	.00779	395.80821
2.860	24.160	-.01927	-9.98993	.00233	-9.98760	-9.99226	.00762	395.86598
2.860	28.227	-.01837	-9.99573	-.00347	-9.99920	-9.99226	.00754	395.65416
2.860	32.322	-.01860	-10.00881	.01541	-9.99340	-10.02422	.00753	395.67342

RUN NO. 215/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.659	-.00310	-9.99804	-.01856	-10.01660	-9.97947	.00404	300.42158
3.900	-1.617	-.00274	-10.00413	-.01827	-10.02240	-9.98587	.00404	300.46168
3.900	.385	-.00261	-10.00413	-.01827	-10.02240	-9.98587	.00404	300.47772
3.900	2.381	-.00252	-9.98993	.00233	-9.98760	-9.99226	.00404	300.46168
3.900	4.393	-.00237	-9.98993	.00233	-9.98760	-9.99226	.00404	300.46970
3.900	6.494	-.00258	-9.99603	.00263	-9.99340	-9.99865	.00409	300.73434
3.900	8.498	-.00266	-9.99313	.00553	-9.98760	-9.99865	.00413	300.79047
3.900	12.492	-.00213	-9.99922	.00582	-9.99340	-10.00504	.00424	300.81453
3.900	16.597	-.00155	-10.00881	.01541	-9.99340	-10.02422	.00428	300.86265
3.900	20.596	-.00090	-9.99573	-.00347	-9.99920	-9.99226	.00426	300.79047
3.900	24.670	-.00071	-9.99863	-.00637	-10.00500	-9.99226	.00426	300.81453
3.900	28.801	-.00029	-10.01603	-.02377	-10.03980	-9.99226	.00429	300.87067
3.900	32.842	-.00033	-9.99543	-.00957	-10.00500	-9.98587	.00429	300.79047

## LA75 TABULATED SAUCE DATA

PAGE 227

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM041)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 219/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.264	-.02104	-9.98614	-.01306	-9.99920	-9.97308	.00307	235.15600
4.600	-1.245	-.02045	-9.98904	-.01596	-10.00500	-9.97308	.00305	235.28953
4.600	.767	-.02039	-9.99224	-.01276	-10.00500	-9.97947	.00302	235.15600
4.600	2.777	-.02020	-9.99514	-.01566	-10.01080	-9.97947	.00302	235.22277
4.600	4.799	-.02017	-9.99224	-.01276	-10.00500	-9.97947	.00302	235.22277
4.600	6.839	-.02006	-9.99543	-.00957	-10.00500	-9.98587	.00305	235.35630
4.600	8.825	-.02034	-10.00443	-.01217	-10.01660	-9.99226	.00309	235.15600
4.600	12.884	-.01978	-10.00443	-.01217	-10.01660	-9.99226	.00314	235.22277
4.600	16.914	-.01929	-10.01053	-.01187	-10.02240	-9.99865	.00316	235.22277
4.600	20.980	-.01888	-9.99313	.00553	-9.98760	-9.99865	.00319	235.22277
4.600	25.027	-.01862	-9.99952	.01192	-9.98760	-10.01144	.00316	235.15600
4.600	29.023	-.01862	-10.01840	.02500	-9.99340	-10.04340	.00319	235.22277
4.600	33.110	-.01862	-10.01722	.00062	-10.01660	-10.01783	.00316	235.28953



## LA75 TABULATED SAOUCE DATA

PAGE 228

LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W

(SJH042)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDGRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 212/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.353	-.02393	-10.00897	5.02097	-4.98800	-15.02994	.00642	395.80821
2.860	-2.298	-.02352	-9.98630	4.99250	-4.99380	-14.97880	.00649	396.25110
2.860	-.279	-.02276	-9.98600	4.98640	-4.99960	-14.97241	.00660	395.82747
2.860	1.723	-.02272	-9.97440	4.99800	-4.97640	-14.97241	.00672	396.19333
2.860	3.786	-.02226	-9.97701	4.98901	-4.98800	-14.96601	.00682	396.32812
2.860	5.825	-.02214	-9.97671	4.98291	-4.99380	-14.95962	.00694	395.96226
2.860	7.859	-.02223	-9.97991	4.98611	-4.99380	-14.96601	.00713	396.27036
2.860	11.926	-.02139	-9.98370	5.00150	-4.98220	-14.98519	.00725	396.25110
2.860	15.996	-.02057	-10.00838	5.00878	-4.99960	-15.01716	.00749	396.23184
2.860	20.097	-.01939	-10.01507	5.02127	-4.99380	-15.03634	.00772	396.07780
2.860	24.178	-.01869	-10.00495	5.06335	-4.94160	-15.06830	.00763	396.25110
2.860	28.204	-.01788	-9.98689	5.00469	-4.98220	-14.99158	.00756	396.03928
2.860	32.363	-.01777	-9.99500	4.98380	-5.01120	-14.97880	.00754	396.05854

RUN NO. 216/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.665	-.00376	-9.99820	4.98700	-5.01120	-14.98519	.00406	300.89473
3.900	-1.660	-.00330	-9.99760	4.97480	-5.02280	-14.97241	.00404	300.87869
3.900	.383	-.00288	-9.98920	4.98960	-4.99960	-14.97880	.00407	300.88671
3.900	2.395	-.00284	-9.99500	4.98380	-5.01120	-14.97880	.00409	300.83859
3.900	4.414	-.00284	-9.95961	5.00641	-4.95320	-14.96601	.00407	300.88671
3.900	6.445	-.00272	-9.97411	4.99191	-4.98220	-14.96601	.00410	300.91878
3.900	8.472	-.00292	-9.98340	4.99540	-4.98800	-14.97880	.00418	300.85463
3.900	12.503	-.00245	-10.00110	4.98410	-5.01700	-14.98519	.00425	300.86265
3.900	16.578	-.00178	-9.96689	5.03109	-4.93580	-14.99798	.00435	300.86265
3.900	20.637	-.00116	-9.98198	5.02878	-4.95320	-15.01076	.00435	300.89473
3.900	24.661	-.00089	-10.01187	5.01807	-4.99380	-15.02994	.00432	300.78246
3.900	28.751	-.00031	-9.97908	5.03168	-4.94740	-15.01076	.00435	300.83057
3.900	32.839	-.00020	-9.99559	4.99599	-4.99960	-14.99158	.00431	300.91077

## LA75 TABULATED SAOUCE DATA

PAGE 229

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJM042)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.6000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPD BRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 220/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.247	-.02114	-9.99358	5.01718	-4.97640	-15.01076	.00305	235.15600
4.600	-1.246	-.02092	-9.99678	5.02038	-4.97640	-15.01716	.00305	235.15600
4.600	.763	-.02054	-9.99968	5.01748	-4.98220	-15.01716	.00307	235.15600
4.600	2.749	-.02049	-10.00548	5.01168	-4.99380	-15.01716	.00307	235.08924
4.600	4.841	-.02053	-10.00228	5.00848	-4.99380	-15.01076	.00305	235.15600
4.600	6.796	-.02047	-10.00228	5.00848	-4.99380	-15.01076	.00314	235.08924
4.600	8.813	-.02043	-10.00518	5.00558	-4.99960	-15.01076	.00318	235.08924
4.600	12.819	-.01998	-10.00518	5.00558	-4.99960	-15.01076	.00319	235.02247
4.500	16.889	-.01934	-10.01678	4.99398	-5.02280	-15.01076	.00323	235.15600
4.600	20.944	-.01906	-10.00228	5.00848	-4.99380	-15.01076	.00323	235.15600
4.600	25.015	-.01877	-9.98571	4.98031	-5.00540	-14.96601	.00323	235.15600
4.600	29.017	-.01856	-10.01418	5.00298	-5.01120	-15.01716	.00323	235.35630
4.600	33.161	-.01855	-9.98429	5.01369	-4.97060	-14.99798	.00320	235.48983

LA75 TABULATED SAOUCE DATA

LARC UPHT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM043)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 213/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.330	3.01057	-10.00867	5.01487	-4.99380	-15.02355	.00640	396.03928
2.860	-2.299	3.00967	-10.02116	5.02156	-4.99960	-15.04273	.00651	396.23184
2.860	-.255	3.00919	-9.94972	4.99072	-4.95900	-14.94044	.00673	396.23184
2.860	1.735	3.00898	-9.95232	4.98172	-4.97060	-14.93405	.00679	396.38589
2.860	3.809	3.00869	-9.95173	4.96953	-4.98220	-14.92126	.00688	396.65548
2.860	5.812	3.00903	-9.95463	4.96663	-4.98800	-14.92126	.00701	396.19333
2.860	7.913	3.00896	-9.96883	4.94603	-5.02280	-14.91487	.00710	396.46292
2.860	11.910	3.00956	-9.98221	4.97101	-5.01120	-14.95323	.00742	396.13556
2.860	15.985	3.01126	-10.01708	5.00008	-5.01700	-15.01716	.00762	396.57845
2.860	20.190	3.01360	-10.01566	5.03346	-4.98220	-15.04912	.00776	396.25110
2.860	24.145	3.01538	-9.96363	4.96403	-4.99960	-14.92766	.00773	396.63622
2.860	28.322	3.01653	-9.96303	4.95183	-5.01120	-14.91487	.00773	396.52068
2.860	32.337	3.01637	-9.93433	4.98693	-4.94740	-14.92126	.00769	395.69267

RUN NO. 217/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.662	3.00291	-9.99530	4.98990	-5.00540	-14.98519	.00409	300.91878
3.900	-1.645	3.00253	-10.00429	4.98729	-5.01700	-14.99158	.00409	300.87869
3.900	.400	3.00187	-9.98198	5.02878	-4.95320	-15.01076	.00413	300.95888
3.900	2.366	3.00187	-9.97908	5.03168	-4.94740	-15.01076	.00411	300.95086
3.900	4.423	3.00182	-9.99707	5.02648	-4.97060	-15.02355	.00410	300.90275
3.900	6.417	3.00152	-10.01217	5.02417	-4.98800	-15.03634	.00413	300.88671
3.900	8.466	3.00137	-9.97641	4.97681	-4.99960	-14.95323	.00418	300.88671
3.900	12.493	3.00193	-9.99151	4.97451	-5.01700	-14.96601	.00431	300.86265
3.900	16.613	3.00295	-9.93581	5.01741	-4.91840	-14.95323	.00431	300.93482
3.900	20.589	3.00457	-9.93113	4.98373	-4.94740	-14.91487	.00438	300.94284
3.900	24.685	3.00535	-9.94853	4.96633	-4.98220	-14.91487	.00439	300.93482
3.900	28.720	3.00550	-9.95552	4.98492	-4.97060	-14.94044	.00440	300.95888
3.900	32.821	3.00542	-9.99151	4.97451	-5.01700	-14.96601	.00439	300.91878

## LA75 TABULATED SAOUCE DATA

PAGE 231

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM043)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -23.300 BDFLAP = .000

RUN NO. 221/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.292	2.99933	-9.96541	5.00061	-4.96480	-14.96601	.00312	235.28953
4.600	-1.296	2.99948	-9.97150	5.00090	-4.97060	-14.97241	.00313	235.42306
4.600	.742	2.99901	-9.97121	4.99481	-4.97640	-14.96601	.00313	235.42306
4.600	2.754	2.99923	-9.97091	4.98871	-4.98220	-14.95962	.00311	235.48983
4.600	4.745	2.99922	-9.96742	4.97942	-4.98800	-14.94683	.00309	235.48983
4.600	6.795	2.99891	-9.95173	4.96953	-4.98220	-14.92126	.00311	235.48983
4.600	8.828	2.99887	-9.95753	4.96373	-4.99380	-14.92126	.00313	235.48983
4.600	12.843	2.99928	-9.95723	4.95763	-4.99960	-14.91487	.00316	235.55659
4.600	16.940	3.00058	-9.97582	4.96462	-5.01120	-14.94044	.00316	235.55659
4.600	21.005	3.00084	-9.97701	4.98901	-4.98800	-14.96601	.00320	235.48983
4.600	24.976	3.00100	-9.89269	4.99889	-4.99380	-14.99158	.00323	235.55659
4.600	29.044	3.00132	-10.01098	4.99978	-5.01120	-15.01076	.00323	235.55659
4.600	33.053	3.00126	-10.00317	5.02677	-4.97640	-15.02994	.00323	235.48983

## LA75 TABULATED SAOUCE DATA

PAGE 232

LARC UPW: 1173(LA75)B26C9E43FBM16N2BR5V8W

(SJM044)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BCFLAP = 22.500

RUN NO. 244/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.336	-.01786	9.98673	.00087	9.98760	9.98587	.00693	396.17408
2.860	-2.300	-.01797	9.97134	.00466	9.97600	9.96669	.00699	396.19333
2.860	-.301	-.01766	9.95536	.02064	9.97600	9.93472	.00692	396.15482
2.860	1.781	-.01750	9.91091	.05929	9.97020	9.85161	.00689	396.05854
2.860	3.799	-.01738	9.98733	-.01133	9.97600	9.99865	.00697	396.15482
2.860	5.809	-.01762	9.98123	-.01103	9.97020	9.99226	.00714	396.28961
2.860	7.881	-.01761	9.98762	-.01742	9.97020	10.00504	.00724	396.34738
2.860	11.940	-.01746	9.82816	.07244	9.90060	9.75572	.00736	396.00077
2.860	15.973	-.01719	10.05037	-.05697	9.99340	10.10733	.00736	396.17408
2.860	20.077	-.01671	10.01201	-.01861	9.99340	10.03062	.00750	396.34738
2.860	24.092	-.01649	10.02687	-.07407	9.95280	10.10094	.00770	396.30887
2.860	28.201	-.01641	10.08138	-.00678	10.07460	10.08815	.00779	395.96226
2.860	32.346	-.01673	10.06948	-.01228	10.05720	10.08176	.00779	396.34738

RUN NO. 245/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.300	-.01891	10.04628	-.03548	10.01080	10.08176	.00316	236.23223
4.600	-1.243	-.01882	10.04948	-.03868	10.01080	10.08815	.00316	235.89841
4.600	.780	-.01890	10.04948	-.03868	10.01080	10.08815	.00314	235.63135
4.600	2.740	-.01900	10.04628	-.03548	10.01080	10.08176	.00314	235.83164
4.600	4.791	-.01890	10.04658	-.04158	10.00500	10.08815	.00314	235.83164
4.600	6.762	-.01895	10.04048	-.04128	9.99920	10.08176	.00316	235.49782
4.600	8.801	-.01883	10.04018	-.03518	10.00500	10.07537	.00314	235.76468
4.600	12.877	-.01886	10.02769	-.02849	9.99920	10.05619	.00321	235.43105
4.600	16.878	-.01862	10.00911	-.02151	9.98760	10.03062	.00321	235.69811
4.600	20.972	-.01862	9.95856	.01744	9.97600	9.94111	.00317	235.49782
4.600	24.979	-.01849	10.01669	-.05229	9.96440	10.06897	.00317	235.63135
4.600	29.012	-.01852	9.97520	-.07460	9.90060	10.04980	.00317	235.63135
4.600	33.126	-.01859	10.02219	-.04039	9.98180	10.06258	.00321	235.49782

LA75 TABULATED SAOUCE DATA

PAGE 233

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM045)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 52.700  
 RUDDER = .000 BDFLAP = 22.500

RUN NO. 242/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.332	-.01764	.00728	-.02468	-.01740	.03197	.00679	395.57714
2.860	-2.268	-.01751	-.00171	-.02729	-.02900	.02557	.00689	395.44235
2.860	-.265	-.01726	-.02060	-.01420	-.03480	-.00639	.00686	395.57714
2.860	1.723	-.01713	-.05457	-.00343	-.05800	-.05114	.00675	395.86598
2.860	3.747	-.01717	-.08565	.01025	-.07540	-.09590	.00682	395.92375
2.860	5.775	-.01704	-.13851	.03411	-.10440	-.17261	.00701	396.03928
2.860	7.852	-.01702	-.20646	.05566	-.15080	-.26211	.00733	396.15482
2.860	11.942	-.01716	.05576	-.02096	-.03480	.07672	.00765	396.17408
2.860	16.005	-.01696	.04913	-.07233	-.02320	.12147	.00769	396.00077
2.860	20.063	-.01644	-.03302	-.07138	-.10440	.03836	.00793	396.05854
2.860	24.111	-.01641	.00995	-.07955	-.06960	.08950	.00781	396.15482
2.860	28.232	-.01667	-.05190	-.05830	-.11020	.00639	.00777	396.21259
2.860	32.336	-.01667	-.02475	.07115	-.04640	-.09590	.00768	396.19333

RUN NO. 247/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.270	-.01899	.02498	-.01338	-.01160	.03836	.00316	235.56458
4.600	-1.251	-.01895	-.01888	-.01308	-.00580	.03197	.00316	235.49782
4.600	.794	-.01894	.01598	-.01598	.00000	.03197	.00316	235.49782
4.600	2.751	-.01905	.00959	-.00959	.00000	.01918	.00317	235.49782
4.600	4.799	-.01897	-.00610	-.00030	-.00580	-.00639	.00317	235.56458
4.600	6.840	-.01910	-.01219	.00059	-.01160	-.01279	.00317	235.49782
4.600	8.822	-.01905	-.03078	.00758	-.02320	-.03836	.00317	235.56458
4.600	12.830	-.01885	-.05866	.01806	-.04060	-.07672	.00321	235.56458
4.600	16.910	-.01879	.02564	-.08944	-.06380	.11507	.00321	235.49782
4.600	20.945	-.01876	.01545	-.06765	-.05220	.08311	.00323	235.49782
4.600	25.003	-.01857	-.02149	.00409	-.01740	-.02557	.00319	235.43105
4.600	29.099	-.01849	-.09992	.05352	-.04640	-.15343	.00321	235.56458
4.600	33.136	-.01863	-.01302	-.04498	-.05800	.03197	.00324	235.63135

## LA75 TABULATED SAOUCE DATA

PAGE 234

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM046)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 22.500

RUN NO. 243/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.356	-.01776	-9.97454	-.00146	-9.97600	-9.97308	.00670	395.92375
2.860	-2.287	-.01773	-9.98673	-.00087	-9.98760	-9.98587	.00665	396.21259
2.860	-.278	-.01751	-10.00443	-.01217	-10.01660	-9.99226	.00668	396.17408
2.860	1.712	-.01756	-10.04302	-.03158	-10.07460	-10.01144	.00666	396.07780
2.860	3.787	-.01735	-10.04361	-.01939	-10.06300	-10.02422	.00675	396.03928
2.860	5.845	-.01724	-10.05610	-.01270	-10.06880	-10.04340	.00694	395.92375
2.860	7.831	-.01750	-10.06249	-.00631	-10.06880	-10.05619	.00714	396.07780
2.860	11.918	-.01738	-9.99052	.01452	-9.97600	-10.00504	.00770	395.98151
2.860	15.944	-.01733	-10.03373	-.03507	-10.06880	-9.99865	.00780	396.05854
2.860	20.068	-.01666	-10.05693	-.05827	-10.11520	-9.99865	.00802	396.09705
2.860	24.155	-.01664	-10.02680	.01021	-10.01660	-10.03701	.00797	395.96226
2.860	28.172	-.01656	-10.06889	.00009	-10.06880	-10.06897	.00777	395.98151
2.860	32.331	-.01652	-10.07060	-.02720	-10.09780	-10.04340	.00764	396.07780

RUN NO. 246/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.292	-.01894	-10.01023	-.01797	-10.02820	-9.99226	.00316	235.49782
4.600	-1.264	-.01900	-10.01343	-.01477	-10.02820	-9.99865	.00316	235.56458
4.600	.759	-.01903	-10.01893	-.02667	-10.04560	-9.99226	.00312	235.63135
4.600	2.778	-.01896	-10.01893	-.02667	-10.04560	-9.99226	.00314	235.43105
4.600	4.753	-.01880	-10.02473	-.03247	-10.05720	-9.99226	.00316	235.49782
4.600	6.810	-.01903	-10.03053	-.03827	-10.06880	-9.99226	.00316	235.49782
4.600	8.871	-.01906	-10.03343	-.04117	-10.07460	-9.99226	.00317	235.49782
4.600	12.828	-.01881	-10.03633	-.04407	-10.08040	-9.99226	.00321	235.56458
4.600	16.882	-.01877	-10.03893	-.05307	-10.09200	-9.98587	.00323	235.56458
4.600	20.951	-.01869	-10.04763	-.06177	-10.10940	-9.98587	.00323	235.56458
4.600	25.039	-.01864	-10.05923	-.07337	-10.13260	-9.98587	.00323	235.49782
4.600	29.069	-.01861	-10.04243	-.04377	-10.08620	-9.99865	.00323	235.63135
4.600	33.105	-.01854	-9.99313	.00553	-9.98760	-9.99865	.00321	235.43105

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAUCE DATA

PAGE 235

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH047)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 224/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.340	-.01797	9.98265	.02235	10.00500	9.96029	.00675	396.21259
2.860	-2.331	-.01776	9.96057	.03863	9.99920	9.92194	.00689	396.38589
2.860	-.302	-.01735	10.01550	-.02790	9.98760	10.04340	.00688	396.30887
2.860	1.729	-.01762	10.00360	-.03341	9.97020	10.03701	.00690	396.36664
2.860	3.773	-.01766	10.01201	-.01861	9.99340	10.03062	.00702	396.21259
2.860	5.794	-.01758	10.00852	-.00932	9.99920	10.01783	.00721	396.61696
2.860	7.822	-.01756	9.99023	-.00843	9.98180	9.99865	.00728	396.11631
2.860	11.913	-.01715	9.84348	.13252	9.97600	9.71097	.00751	396.38589
2.860	15.959	-.01720	9.95276	.01164	9.96440	9.94111	.00743	396.28961
2.860	20.064	-.01681	9.88243	.08197	9.96440	9.80047	.00751	396.32812
2.860	24.130	-.01656	10.02160	-.02820	9.99340	10.04980	.00763	396.32812
2.860	28.186	-.01679	10.00390	-.03950	9.96440	10.04340	.00765	395.96226
2.860	32.301	-.01668	9.99780	-.03921	9.95860	10.03701	.00770	396.17408

RUN NO. 229/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.289	.00070	10.01603	.02377	10.03980	9.99226	.00310	235.49782
4.600	-1.252	.00043	10.01923	.02057	10.03980	9.99865	.00310	235.43105
4.600	.749	.00065	10.01923	.02057	10.03980	9.99865	.00312	235.49782
4.600	2.760	.00064	10.01952	.01448	10.03400	10.00504	.00310	235.56458
4.600	4.785	.00073	10.01313	.02087	10.03400	9.99226	.00312	235.49782
4.600	6.811	.00056	9.98087	.05893	10.03980	9.92194	.00314	235.56458
4.600	8.805	.00071	10.00733	.01507	10.02240	9.99226	.00316	235.49782
4.600	12.816	.00074	9.99224	.01276	10.00500	9.97947	.00319	235.49782
4.600	16.843	.00099	9.98324	.01016	9.99340	9.97308	.00317	235.49782
4.600	20.944	.00083	10.00792	.00288	10.01080	10.00504	.00316	235.49782
4.600	24.984	.00116	9.99662	-.01482	9.98180	10.01144	.00312	235.49782
4.600	29.052	.00127	9.99342	-.01162	9.98180	10.00504	.00316	235.49782
4.600	33.066	.00128	9.91872	.08628	10.00500	9.83243	.00317	235.49782



LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

(SJM048)

PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 225/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.343	-.01723	10.03712	4.96748	15.00460	5.06965	.00688	396.46292
2.860	-2.310	-.01689	10.03103	4.96777	14.99880	5.06326	.00699	396.48217
2.860	-.268	-.01613	10.02783	4.97097	14.99880	5.05686	.00696	396.21259
2.860	1.726	-.01578	10.02434	4.98026	15.00460	5.04408	.00688	396.38589
2.860	3.790	-.01558	10.01854	4.97446	14.99300	5.04408	.00708	396.30887
2.860	5.817	-.01540	10.01185	4.98695	14.99300	5.02490	.00708	396.27036
2.860	7.818	-.01520	10.00575	4.98725	14.99880	5.01851	.00726	396.27036
2.860	11.910	-.01441	9.98048	5.00672	14.98720	4.97375	.00763	396.36664
2.860	15.974	-.01319	9.87700	5.13340	15.01040	4.74361	.00757	396.48217
2.860	20.046	-.01217	10.00196	5.00264	15.00460	4.99933	.00766	396.28961
2.860	24.129	-.01089	10.00196	5.00264	15.00460	4.99933	.00764	396.48217
2.860	28.232	-.01020	9.97988	5.01892	14.99880	4.96097	.00772	396.32812
2.860	32.329	-.00985	9.99616	4.99684	14.99300	4.99933	.00773	396.21259

RUN NO. 230/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.291	.00083	10.02085	4.98955	15.01040	5.03129	.00312	235.56458
4.600	-1.280	.00099	10.01505	4.98375	14.99880	5.03129	.00314	235.49782
4.600	.763	.00108	10.01505	4.98375	14.99880	5.03129	.00312	235.43105
4.600	2.738	.00109	10.01215	4.98085	14.99300	5.03129	.00312	235.43105
4.600	4.767	.00147	10.00345	4.97215	14.97560	5.03129	.00314	235.56458
4.600	6.777	.00149	9.99735	4.97245	14.96980	5.02490	.00316	235.49782
4.600	8.838	.00174	10.02635	5.00145	15.02780	5.02490	.00319	235.43105
4.600	12.805	.00209	10.00865	4.99015	14.99880	5.01851	.00324	235.43105
4.600	16.889	.00285	10.00285	4.98435	14.98720	5.01851	.00323	235.49782
4.600	17.152	.00297	9.99705	4.97855	14.97560	5.00572	.00319	235.49782
4.600	20.926	.00316	9.99066	4.98494	15.01040	4.99933	.00317	235.43105
4.600	24.978	.00408	10.00486	5.00554	14.99880	4.96736	.00319	235.49782
4.600	29.029	.00473	9.98308	5.01572	14.99880	4.96736	.00321	235.49782
4.600	33.091	.00511	10.02375	4.99245	15.01620	5.03129		

## LA75 TABULATED SAOUCE DATA

PAGE 237

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8M

(SJM049)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = 10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = 16.300

RUN NO. 226/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.372	3.03657	9.99326	4.99394	14.98720	4.99933	.00685	396.36664
2.860	-2.309	3.03568	9.99036	4.99104	14.98140	4.99933	.00692	396.21259
2.860	-.301	3.03493	9.99066	4.98494	14.97560	5.00572	.00697	396.21259
2.860	1.727	3.03473	10.00776	5.00844	15.01620	4.99933	.07701	396.57845
2.860	3.775	3.03469	9.99587	5.00293	14.99880	4.99293	.00708	396.34738
2.860	5.807	3.03473	10.00107	5.02093	15.02200	4.98015	.00722	396.52068
2.860	7.827	3.03503	9.98308	5.01572	14.99880	4.96736	.00732	396.46292
2.860	11.898	3.03569	9.95378	4.99282	14.94660	4.96097	.00752	396.57845
2.860	15.959	3.03734	9.97408	5.01312	14.98720	4.96097	.00766	396.30887
2.860	20.062	3.03945	10.02717	5.04703	15.07420	4.98015	.00774	396.42440
2.860	24.150	3.04182	9.97148	5.00412	14.97560	4.96736	.00774	396.50143
2.860	28.206	3.04268	9.99409	5.03951	15.03360	4.95458	.00781	396.42440
2.860	32.310	3.04332	9.97669	5.02211	14.99880	4.95458	.00784	396.34738

RUN NO. 231/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.276	3.00276	9.99587	5.00293	14.99880	4.99293	.00312	235.49782
4.600	-1.274	3.00240	9.99587	5.00293	14.99880	4.99293	.00312	235.56458
4.600	.759	3.00201	9.99587	5.00293	14.99880	4.99293	.00312	235.43105
4.600	2.713	3.00216	9.98687	5.00033	14.98720	4.98654	.00316	235.49782
4.600	4.792	3.00185	10.01126	4.99914	15.01040	5.01211	.00314	235.49782
4.600	6.810	3.00181	10.00516	4.99944	15.00460	5.00572	.00316	235.49782
4.600	8.807	3.00176	10.00196	5.00264	15.00460	4.99933	.00319	235.49782
4.600	12.839	3.00223	9.99297	5.00003	14.99300	4.99293	.00321	235.56458
4.600	16.884	3.00294	9.97468	5.00092	14.97560	4.97375	.00323	235.56458
4.600	20.906	3.00378	10.03304	4.98896	15.02200	5.04408	.00323	235.49782
4.600	24.977	3.00447	10.02434	4.98026	15.00460	5.04408	.00323	235.49782
4.600	29.002	3.00510	10.01274	4.96866	14.98140	5.04408	.00324	235.56458
4.600	33.103	3.00544	10.02114	4.98346	15.00460	5.03768	.00321	235.49782

## LA75 TABULATED SAOUCE DATA

PAGE 238

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8M

(SJH050)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = 16.300

RUN NO. 222/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.351	-.01791	-.00580	-.00580	-.01160	.00000	.00676	395.46160
2.860	-2.329	-.01769	-.00521	-.01799	-.02320	.01279	.00692	395.46160
2.860	-.293	-.01741	-.02089	-.00811	-.02900	-.01279	.00688	395.30755
2.860	1.740	-.01733	-.04238	-.00402	-.04640	-.03836	.00675	395.23053
2.860	3.781	-.01723	-.00610	-.00030	-.00580	-.00639	.00687	395.07648
2.860	5.758	-.01713	.00089	-.01829	-.01740	.01918	.00718	395.11499
2.860	7.837	-.01732	-.00461	-.03019	-.03480	.02557	.00732	395.73119
2.860	11.876	-.01715	.00527	-.04587	-.04060	.05114	.00767	396.28961
2.860	15.998	-.01684	.01078	-.03398	-.02320	.04475	.00765	396.19333
2.860	20.065	-.01682	-.11181	.04801	-.06380	-.15982	.00772	395.80821
2.860	24.138	-.01665	-.00372	-.04848	-.05220	.04475	.00768	396.03928
2.860	28.232	-.01664	-.04587	.00527	-.04060	-.05114	.00772	396.19333
2.860	32.323	-.01690	.06357	.06603	.06960	.05754	.00768	396.27036

RUN NO. 227/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.290	.00053	-.01539	.00379	-.01160	-.01918	.00310	235.36429
4.600	-1.274	.00048	-.01859	.00699	-.01160	-.02557	.00310	235.36429
4.600	.765	.00062	-.01829	.00089	-.01740	-.01918	.00310	235.43105
4.600	2.735	.00078	-.01509	-.00231	-.01740	-.01279	.00308	235.43105
4.600	4.805	.00061	-.01829	.00089	-.01740	-.01918	.00312	235.36429
4.600	6.795	.00061	-.01829	.00089	-.01740	-.01918	.00314	235.36429
4.600	8.791	.00072	-.00900	-.00260	-.01160	-.00639	.00317	235.43105
4.600	12.807	.00068	-.00550	-.01190	-.01740	.00639	.00321	235.43105
4.600	16.855	.00082	-.03398	.01078	-.02320	-.04475	.00319	235.49782
4.600	20.920	.00106	.01948	-.02528	-.00580	.04475	.00317	235.43105
4.600	24.954	.00103	.01427	-.04327	-.02900	.05754	.00316	235.49782
4.600	29.006	.00095	.01397	-.03717	-.02320	.05114	.00316	235.49782
4.600	33.135	.00117	-.03978	.00498	-.03480	-.04475	.00316	235.49782

## LA75 TABULATED SAOUCE DATA

PAGE 239

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM051)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BOFLAP = 16.300

RUN NO. 223/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.197	-.01823	-9.99632	.00872	-9.98760	-10.00504	.00659	396.36664
2.860	-2.314	-.01805	-10.01491	.01571	-9.99920	-10.03062	.00657	396.38589
2.860	-.298	-.01764	-10.02740	.02240	-10.00500	-10.04920	.00661	396.25110
2.860	1.738	-.01765	-10.00502	.00002	-10.00500	-10.00504	.00659	396.25110
2.860	3.751	-.01739	-10.01662	-.01158	-10.02820	-10.00504	.00676	396.36664
2.860	5.801	-.01760	-10.00473	-.00607	-10.01080	-9.99865	.00692	396.21259
2.860	7.840	-.01752	-9.98443	.01423	-9.97020	-9.99865	.00705	395.36664
2.860	11.884	-.01761	-9.99952	.01192	-9.98760	-10.01144	.00753	396.28961
2.860	15.987	-.01716	-10.00502	.00002	-10.00500	-10.00504	.00782	396.27036
2.860	20.082	-.01686	-10.00153	-.00927	-10.01080	-9.99226	.00801	396.25110
2.860	24.152	-.01685	-10.01372	-.00868	-10.02240	-10.00504	.00784	396.25110
2.860	28.209	-.01672	-10.00473	-.00607	-10.01080	-9.99865	.00768	396.42440
2.860	32.316	-.01670	-10.01603	-.02377	-10.03980	-9.99226	.00756	396.19333

RUN NO. 228/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.309	.00055	-9.97424	-.00756	-9.98180	-9.96669	.00312	235.36429
4.600	-1.258	.00053	-9.97744	-.00436	-9.98180	-9.97308	.00308	235.43105
4.600	.773	.00055	-9.97744	-.00436	-9.98180	-9.97308	.00310	235.43105
4.600	2.779	.00059	-9.97744	-.00436	-9.98180	-9.97308	.00307	235.49782
4.600	4.768	.00066	-9.97744	-.00436	-9.98180	-9.97308	.00310	235.49782
4.600	6.774	.00076	-9.97744	-.00436	-9.98180	-9.97308	.00314	235.43105
4.600	8.811	.00073	-9.97744	-.00436	-9.98180	-9.97308	.00315	235.43105
4.600	12.838	.00072	-9.97744	-.00436	-9.98180	-9.97308	.00321	235.49782
4.600	16.920	.00086	-9.97424	-.00756	-9.98180	-9.96669	.00319	235.49782
4.600	20.955	.00094	-9.98034	-.00726	-9.98760	-9.97308	.00315	235.43105
4.600	24.996	.00120	-9.97714	-.01046	-9.98760	-9.96669	.00315	235.43105
4.600	29.068	.00116	-9.99774	-.02466	-10.02240	-9.97308	.00316	235.56458
4.600	33.200	.00104	-9.98354	-.00406	-9.98760	-9.97947	.00310	235.49782

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAUCE DATA

PAGE 240

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM052)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = 10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 236/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.364	-.01839	10.02882	.01098	10.03980	10.01783	.00663	396.46292
2.860	-2.321	-.01812	10.01982	.00838	10.02820	10.01144	.00674	396.61696
2.860	-.290	-.01805	9.99774	.02466	10.02240	9.97308	.00691	396.69399
2.860	1.731	-.01797	10.01082	.00578	10.01660	10.00504	.00694	396.59771
2.860	3.781	-.01768	10.00473	.00607	10.01080	9.99865	.00700	396.52068
2.860	5.842	-.01780	10.00532	-.00612	9.99920	10.01144	.00715	396.69399
2.860	7.869	-.01789	9.96152	-.04352	9.91800	10.00504	.00729	396.61696
2.860	11.927	-.01763	10.00502	-.00002	10.00500	10.00504	.00773	396.73250
2.860	15.965	-.01752	10.00763	.00897	10.01660	9.99865	.00775	396.52068
2.860	20.073	-.01717	9.95968	.05692	10.01660	9.90276	.00754	396.79027
2.860	24.163	-.01698	9.98993	-.00233	9.98760	9.99226	.00752	396.65548
2.860	28.290	-.01705	10.00123	.01537	10.01660	9.98587	.00751	396.48217
2.860	32.330	-.01708	9.99283	.00057	9.99340	9.99226	.00751	396.73250

RUN NO. 237/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.294	-.01895	10.01313	.02087	10.03400	9.99226	.00305	235.23075
4.600	-1.258	-.01909	9.99543	.00957	10.00500	9.98587	.00305	235.29752
4.600	.747	-.01917	9.99573	.00347	9.99920	9.99226	.00307	235.43105
4.600	2.747	-.01908	9.99573	.00347	9.99920	9.99226	.00308	235.03046
4.600	4.816	-.01908	9.99922	-.00582	9.99340	10.00504	.00310	235.23075
4.600	6.783	-.01903	9.99922	-.00582	9.99340	10.00504	.00312	235.16399
4.600	8.842	-.01917	9.99342	-.01162	9.98180	10.00504	.00312	235.29752
4.600	12.908	-.01893	9.93967	.03052	9.97020	9.90915	.00317	235.03046
4.600	16.895	-.01876	9.99952	-.01192	9.98760	10.01144	.00322	235.29752
4.600	20.944	-.01875	9.99692	-.02092	9.97600	10.01783	.00321	235.36429
4.600	25.046	-.01867	10.00852	-.00932	9.99920	10.01783	.00321	235.09722
4.600	29.079	-.01857	10.00763	.00897	10.01660	9.99865	.00321	235.16399
4.600	33.212	-.01853	9.96726	.02614	9.99340	9.94111	.00323	235.36429

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH053)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT.    XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES    YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES    ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000    ELEVON = .000  
 AILRON = .000    SPDBRK = 52.700  
 RUDDER = .000    BDFLAP = -11.700

RUN NO. 232/ 0    RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.341	.00147	.01888	-.01308	.00580	.03197	.00638	395.30755
2.860	-2.288	.00143	.02847	-.02267	.00580	.05114	.00671	395.36532
2.860	-.277	.00154	.03206	-.03226	.00580	.07032	.00683	395.28830
2.860	1.717	.00157	.04096	-.02936	.01160	.07032	.00690	395.42309
2.860	3.807	.00160	.02847	-.02267	.00580	.05114	.00698	395.48086
2.860	5.781	.00148	.01888	-.01308	.00580	.03197	.00711	395.65416
2.860	7.819	.00157	-.00959	.00959	.00000	-.01918	.00730	395.69267
2.860	11.990	.00156	-.08914	.01954	-.06960	-.10868	.00751	395.76970
2.860	15.988	.00185	-.00171	-.02729	-.02900	.02557	.00759	395.78895
2.860	20.087	.00217	.02267	-.02847	-.00580	.05114	.00758	395.63491
2.860	24.186	.00220	.01397	-.03717	-.02320	.05114	.00753	396.02003
2.860	28.261	.00210	-.02900	-.02900	-.05800	.00000	.00756	395.84672
2.860	32.377	.00192	-.00171	-.02729	-.02900	.02557	.00763	395.92375

RUN NO. 238/ 0    RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.254	-.01906	-.04066	.02326	-.01740	-.06393	.00305	235.29752
4.600	-1.215	-.01908	-.04037	.01717	-.02320	-.05754	.00307	235.09722
4.600	.754	-.01918	-.03717	.01397	-.02320	-.05114	.00310	235.16399
4.600	2.765	-.01927	-.03398	.01078	-.02320	-.04475	.00308	235.16399
4.600	4.773	-.01924	-.03108	.01368	-.01740	-.04475	.00310	235.23075
4.600	6.827	-.01919	-.02758	.00438	-.02320	-.03197	.00312	235.29752
4.600	8.911	-.01921	-.02758	.00438	-.02320	-.03197	.00314	235.29752
4.600	12.901	-.01911	-.02409	-.00491	-.02900	-.01918	.00317	235.23075
4.600	16.930	-.01904	-.02610	-.02610	-.05220	.00000	.00319	235.09722
4.600	20.906	-.01879	.00030	-.00610	-.00580	.00639	.00319	235.09722
4.600	24.985	-.01867	-.02788	.01048	-.01740	-.03836	.00319	235.23075
4.600	29.101	-.01877	-.05895	.02415	-.03480	-.09311	.00319	235.16399
4.600	33.129	-.01878	-.01302	-.04498	-.05800	.03197	.00321	235.23075

## LA75 TABULATED SAUCE DATA

PAGE 242

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM054)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 233/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.343	.00056	-9.96874	.00434	-9.96440	-9.97308	.00640	396.05854
2.860	-2.290	.00097	-9.97134	-.00466	-9.97600	-9.96669	.00644	396.40515
2.860	-.294	.00102	-9.98324	-.01016	-9.99340	-9.97308	.00657	396.57845
2.860	1.724	.00121	-9.98614	-.01306	-9.99920	-9.97308	.00664	396.23184
2.860	3.774	.00119	-9.98874	-.02206	-10.01080	-9.96669	.00676	396.36664
2.860	5.789	.00131	-9.99774	-.02466	-10.02240	-9.97308	.00695	396.50143
2.860	7.885	.00129	-9.98644	-.00696	-9.99340	-9.97947	.00711	396.36664
2.860	11.947	.00128	-10.00183	-.00317	-10.00500	-9.99865	.00742	396.53994
2.860	16.020	.00137	-10.03551	.00151	-10.03400	-10.03701	.00764	396.40515
2.860	20.076	.00171	-9.99164	-.02496	-10.01660	-9.96669	.00784	396.42440
2.860	24.154	.00215	-9.98265	-.02235	-10.00500	-9.96029	.00768	396.36664
2.860	28.232	.00185	-9.99484	-.02176	-10.01660	-9.97308	.00754	396.53994
2.860	32.370	.00202	-10.02242	-.01738	-10.03980	-10.00504	.00751	396.61696

RUN NO. 239/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.277	-.01935	-9.99863	-.00637	-10.00500	-9.99226	.00310	235.36429
4.600	-1.215	-.01941	-10.00183	-.00317	-10.00500	-9.99865	.00308	235.36429
4.600	.752	-.01915	-10.00502	.00002	-10.00500	-10.00504	.00310	235.16399
4.600	2.768	-.01917	-10.01402	-.00258	-10.01660	-10.01144	.00308	235.23075
4.600	4.764	-.01922	-10.01432	.00352	-10.01080	-10.01783	.00308	235.23075
4.600	6.815	-.01919	-10.01722	.00062	-10.01660	-10.01783	.00312	235.29752
4.600	8.835	-.01907	-9.97424	-.00756	-9.98180	-9.96669	.00317	235.16399
4.600	12.847	-.01892	-9.98034	-.00726	-9.98760	-9.97308	.00321	235.36429
4.600	16.970	-.01887	-9.98034	-.00726	-9.98760	-9.97308	.00322	235.16399
4.600	20.956	-.01875	-9.97744	-.00436	-9.98180	-9.97308	.00321	235.36429
4.600	25.079	-.01871	-9.98034	-.00726	-9.98760	-9.97308	.00322	235.23075
4.600	29.052	-.01877	-9.98324	-.01016	-9.99340	-9.97308	.00324	235.16399
4.600	33.115	-.01869	-9.99514	-.01566	-10.01080	-9.97947	.00321	235.36429

## LA75 TABULATED SAOUCE DATA

PAGE 243

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM055)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 234/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.355	-.00065	-9.98080	5.00440	-4.97640	-14.98519	.00643	396.53994
2.860	-2.312	.00001	-10.00258	5.01458	-4.98800	-15.01716	.00653	396.69399
2.860	-.256	.00017	-10.02116	5.02156	-4.99960	-15.04273	.00668	396.82878
2.860	1.743	.00032	-10.01388	4.99688	-5.01700	-15.01076	.00679	396.57845
2.860	3.785	.00078	-10.02229	4.98209	-5.04020	-15.00427	.00689	396.73250
2.860	5.817	.00076	-9.99909	5.00529	-4.99380	-15.00437	.00705	397.02134
2.860	7.761	.00081	-10.00169	4.99629	-5.00540	-14.99798	.00717	396.84804
2.860	11.949	.00080	-10.00980	4.97540	-5.03440	-14.98519	.00737	396.94432
2.860	16.020	.00117	-10.01447	5.00907	-5.00540	-15.02355	.00758	396.92506
2.860	20.108	.00199	-9.98749	5.01689	-4.97060	-15.00437	.00790	396.92506
2.860	24.139	.00224	-9.99530	4.98990	-5.00540	-14.98519	.00771	396.71325
2.860	28.186	.00220	-10.01240	4.96640	-5.04600	-14.97880	.00761	396.88655
2.860	32.382	.00203	-10.03537	5.00097	-5.03440	-15.03634	.00754	395.94300

RUN NO. 240/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.280	-.01970	-9.95664	4.94544	-5.01120	-14.90208	.00312	235.29752
4.600	-1.239	-.01966	-9.94214	4.95994	-4.98220	-14.90208	.00308	235.09722
4.600	.780	-.01945	-9.95404	4.95444	-4.99960	-14.90848	.00310	235.09722
4.600	2.750	-.01926	-9.96303	4.95183	-5.01120	-14.91487	.00310	235.23075
4.600	4.791	-.01936	-9.96623	4.95503	-5.01120	-14.92126	.00310	235.29752
4.600	6.856	-.01928	-9.97552	4.95852	-5.01700	-14.93405	.00310	235.23075
4.600	8.827	-.01917	-9.96162	4.98522	-4.97640	-14.94683	.00314	235.29752
4.600	12.885	-.01921	-9.97872	4.96172	-5.01700	-14.94044	.00315	235.29752
4.600	16.899	-.01883	-9.96831	4.99771	-4.97060	-14.96601	.00319	235.29752
4.600	21.033	-.01889	-9.98600	4.98640	-4.99960	-14.97241	.00319	235.29752
4.600	25.019	-.01884	-10.00050	4.97190	-5.02860	-14.97241	.00322	235.29752
4.600	29.067	-.01872	-9.97790	5.00730	-4.97060	-14.98519	.00321	235.09722
4.600	33.114	-.01873	-10.00927	5.02707	-4.98220	-15.03634	.00321	235.29752



## LA75 TABULATED SAOUCE DATA

PAGE 244

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH056)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = -11.700

RUN NO. 235/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.328	3.01481	-9.98281	4.98321	-4.99960	-14.96601	.00649	396.32812
2.860	-2.286	3.01377	-10.00370	4.97510	-5.02860	-14.97880	.00659	396.13556
2.860	-.274	3.01292	-10.01939	4.98499	-5.03440	-15.00437	.00678	396.50143
2.860	1.720	3.01257	-10.03537	5.00097	-5.03440	-15.03634	.00690	396.32812
2.860	3.796	3.01242	-10.00950	4.96930	-5.04020	-14.97880	.00699	396.46292
2.860	5.843	3.01243	-9.97150	5.00090	-4.97060	-14.97241	.00712	396.30887
2.860	7.840	3.01258	-9.97411	4.99191	-4.98220	-14.96601	.00718	396.28961
2.860	11.910	3.01254	-9.97322	4.97362	-4.99960	-14.94683	.00746	396.44366
2.860	16.020	3.01366	-9.98660	4.99860	-4.98800	-14.98519	.00770	396.46292
2.860	20.072	3.01534	-10.03827	4.99807	-5.04020	-15.03634	.00784	396.17408
2.860	24.165	3.01703	-10.00838	5.00878	-4.99960	-15.01716	.00780	396.34738
2.860	28.240	3.01759	-10.01649	4.98789	-5.02860	-15.00437	.00777	396.50143
2.860	32.377	3.01731	-9.99417	5.02937	-4.96480	-15.02355	.00767	396.63622

RUN NO. 241/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.280	3.00134	-9.94102	4.99942	-4.94160	-14.94044	.00310	235.16399
4.600	-1.258	3.00095	-9.95552	4.98492	-4.97060	-14.94044	.00310	235.23075
4.600	.793	3.00047	-9.96132	4.97912	-4.98220	-14.94044	.00312	235.09722
4.600	2.740	3.00026	-9.96102	4.97302	-4.99800	-14.93405	.00312	235.29752
4.600	4.789	3.00032	-9.95783	4.96983	-4.98800	-14.92766	.00314	235.23075
4.600	6.832	3.00002	-9.95783	4.96983	-4.98800	-14.92766	.00314	235.09722
4.600	8.814	2.99995	-9.95783	4.96983	-4.98800	-14.92766	.00314	235.29752
4.600	12.853	3.00013	-9.96303	4.95183	-5.01120	-14.91487	.00321	235.29752
4.600	16.919	3.00015	-9.97203	4.94923	-5.02280	-14.92126	.00324	235.36429
4.600	20.994	3.00060	-9.94563	4.96923	-4.97640	-14.91487	.00326	235.23075
4.600	25.088	3.00066	-9.95493	4.97273	-4.98220	-14.92766	.00328	235.36429
4.600	29.033	3.00107	-9.98571	4.98031	-5.00540	-14.96601	.00328	235.16399
4.600	33.130	3.00115	-9.94540	5.02700	-4.91840	-14.97241	.00324	235.23075

## LA75 TABULATED SAOUCE DATA

PAGE 245

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW

(SJM057)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 139/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.348	-.01959	.01107	-.04007	-.02900	.05114	.00658	395.65416
2.860	-2.305	-.01925	.01747	-.04646	-.02900	.06393	.00677	395.84672
2.860	-.262	-.01903	.02096	-.05576	-.03480	.07672	.00682	395.65416
2.860	1.752	-.01879	-.02409	-.00491	-.02900	-.01918	.00684	395.03797
2.860	3.810	-.01898	-.03978	.00498	-.03480	-.04475	.00697	396.17408
2.860	5.825	-.01891	-.06185	.02125	-.04060	-.08311	.00718	396.11631
2.860	7.859	-.01906	-.02640	-.02000	-.04640	-.00639	.00732	395.92375
2.860	11.923	-.01874	.03813	-.09613	-.05800	.13425	.00763	396.03928
2.860	15.960	-.01838	.01806	-.05866	-.04060	.07672	.00787	395.98151
2.860	20.087	-.01797	.01681	.02959	.04640	-.01279	.00797	395.82747
2.860	24.202	-.01793	.00349	-.00929	-.00580	.01279	.00781	395.44235
2.860	28.266	-.01797	-.00982	-.04818	-.05800	.03836	.00777	395.75044
2.860	32.332	-.01826	.05138	.00662	.05800	.04475	.00776	395.69267

RUN NO. 944/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.701	-.00025	.02356	-.04676	-.02320	.07032	.00411	301.12729
3.900	-1.644	-.00007	.02676	-.04996	-.02320	.07672	.00415	300.44564
3.900	.389	-.00025	.02096	-.05576	-.03480	.07672	.00418	301.18342
3.900	2.370	-.00028	.01806	-.05866	-.04060	.07672	.00416	301.22352
3.900	4.403	-.00025	.01806	-.05866	-.04060	.07672	.00416	300.26922
3.900	6.455	-.00046	.01516	-.06156	-.04640	.07672	.00419	300.67820
3.900	8.529	-.00057	.01545	-.06765	-.05220	.08311	.00425	301.19144
3.900	12.585	-.00044	.01634	-.08594	-.06960	.10229	.00429	301.65657
3.900	16.627	-.00008	.03173	-.08973	-.05800	.12147	.00436	301.65657
3.900	20.604	.00013	.01806	-.05866	-.04060	.07672	.00445	300.91878
3.900	24.654	.00012	-.00135	-.09725	-.09860	.09590	.00437	300.88671
3.900	28.768	.00027	-.03747	.02007	-.01740	-.05754	.00444	300.86265
3.900	32.837	-.00003	-.12401	.04861	-.07540	-.17261	.00444	300.92680

LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5VBW

(SJM057)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 150/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.283	-.01839	.00030	-.00610	-.00580	.00639	.00315	236.31438
4.600	-1.278	-.01842	.00639	-.00639	.00000	.01279	.00314	236.11408
4.600	.844	-.01849	-.00260	-.00900	-.01160	.00639	.00315	235.98055
4.600	2.777	-.01848	-.01480	-.00840	-.02320	-.00639	.00319	235.78026
4.600	4.814	-.01847	-.01509	-.00231	-.01740	-.01279	.00313	235.84702
4.600	6.778	-.01840	-.02409	-.00491	-.02900	-.01918	.00315	235.78026
4.600	8.797	-.01836	-.03019	-.00461	-.03480	-.02557	.00319	235.78026
4.600	12.848	-.01824	-.05806	.00587	-.05220	-.06393	.00326	235.64673
4.600	16.947	-.01795	-.02030	-.02030	-.04060	.00000	.00327	235.64673
4.600	21.046	-.01784	-.00260	-.00900	-.01160	.00639	.00329	235.64673
4.600	24.980	-.01775	-.00432	-.03628	-.04060	.03197	.00326	235.71349
4.600	29.095	-.01787	-.00432	-.03628	-.04060	.03197	.00333	235.64673
4.600	33.076	-.01773	-.00320	.00320	.00000	-.00639	.00329	235.64673

## LA75 TABULATED SAOUCE DATA

PAGE 247

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM058)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 140/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.358	-.01968	-10.01053	-.01187	-10.02240	-9.99865	.00655	396.13556
2.860	-2.328	-.01941	-10.02503	-.02637	-10.05140	-9.99865	.00660	396.19333
2.860	-.300	-.01951	-10.00443	-.01217	-10.01660	-9.99226	.00666	396.19333
2.860	1.732	-.01931	-10.01893	-.02667	-10.04560	-9.99226	.00665	395.71193
2.860	3.793	-.01884	-10.01313	-.02087	-10.03400	-9.99226	.00685	396.07780
2.860	5.832	-.01881	-10.01313	-.02087	-10.03400	-9.99226	.00708	395.09705
2.860	7.821	-.01893	-10.02213	-.02347	-10.04560	-9.99865	.00715	396.05854
2.860	11.928	-.01902	-10.03521	-.00459	-10.03980	-10.03062	.00750	396.21259
2.860	16.009	-.01854	-10.06338	.01198	-10.05140	-10.07537	.00787	395.96226
2.860	20.084	-.01845	-9.96643	.01943	-9.94700	-9.98587	.00817	396.21259
2.860	24.141	-.01798	-10.02733	-.04147	-10.06880	-9.98587	.00796	395.98151
2.860	28.234	-.01802	-10.01603	-.02377	-10.03980	-9.99226	.00770	396.02003
2.860	32.361	-.01834	-9.99342	.01162	-9.98180	-10.00504	.00758	396.15482

RUN NO. 145/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.662	.00034	-9.99023	.00843	-9.98180	-9.99865	.00404	300.80651
3.900	-1.664	.00002	-9.99922	.00582	-9.99340	-10.00504	.00408	300.76642
3.900	.414	.00042	-9.99313	.00553	-9.98760	-9.99865	.00406	300.79047
3.900	2.346	-.00026	-10.00502	.00002	-10.00500	-10.00504	.00412	300.80651
3.900	4.455	.00008	-9.99893	-.00027	-9.99920	-9.99865	.00406	300.75840
3.900	6.419	.00006	-10.00502	.00002	-10.00500	-10.00504	.00417	300.77444
3.900	8.521	.00008	-10.00183	-.00317	-10.00500	-9.99865	.00419	300.76642
3.900	12.459	.00005	-10.00153	-.00927	-10.01080	-9.99226	.00424	300.74236
3.900	16.537	-.00007	-10.01952	-.01448	-10.03400	-10.00504	.00444	300.78246
3.900	20.632	.00005	-10.01053	-.01187	-10.02240	-9.99865	.00444	300.78246
3.900	24.728	-.00007	-10.02272	-.01128	-10.03400	-10.01144	.00441	300.76642
3.900	28.698	-.00004	-10.03491	-.01069	-10.04560	-10.02422	.00444	300.77444
3.900	32.854	-.00018	-9.97975	-.01945	-9.99920	-9.96029	.00441	300.82255

## LA75 TABULATED SAOUCE DATA

PAGE 248

LARC UPWT 1173(LA75)B26C9E43FBM16N2BR5V8W

(5JM058)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = 000 BDFLAP = .000

RUN NO. 152/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.268	-.01812	-10.00183	-.00317	-10.00500	-9.99865	.00324	235.57996
4.600	-1.253	-.01832	-10.00792	-.00288	-10.01080	-10.00504	.00319	235.57996
4.600	.793	-.01842	-10.01402	-.00258	-10.01660	-10.01144	.00320	235.51320
4.600	2.709	-.01821	-10.01112	.00032	-10.01080	-10.01144	.00315	235.64673
4.600	4.768	-.01822	-9.99082	.02062	-9.97020	-10.01144	.00315	235.57996
4.600	6.802	-.01840	-10.00011	.02411	-9.97600	-10.02422	.00317	235.57996
4.600	8.812	-.01831	-9.99342	.01162	-9.98180	-10.00504	.00322	235.57996
4.600	12.886	-.01801	-9.97105	-.01075	-9.98180	-9.96029	.00327	235.57996
4.600	16.908	-.01782	-9.98004	-.01336	-9.99340	-9.96669	.00331	235.64673
4.600	20.929	-.01761	-9.98294	-.01626	-9.99920	-9.96669	.00331	235.64673
4.600	25.105	-.01772	-9.98874	-.02206	-10.01080	-9.96669	.00333	235.57996
4.600	29.078	-.01760	-9.99164	-.02496	-10.01660	-9.96669	.00333	235.64673
4.600	33.096	-.01764	-10.00324	-.03656	-10.03980	-9.96669	.00329	235.71349

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM059)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 141/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.338	-.02047	-10.00920	4.96320	-5.04600	-14.97241	.00663	396.19333
2.860	-2.296	-.02005	-9.99441	4.97161	-5.02280	-14.96601	.00665	396.07780
2.860	-.268	-.01958	-10.00311	4.96291	-5.04020	-14.96601	.00674	396.00077
2.860	1.537	-.01934	-10.00980	4.97540	-5.03440	-14.98519	.00683	395.96226
2.860	3.787	-.01886	-9.99760	4.97480	-5.02280	-14.97241	.00695	396.13556
2.860	5.809	-.01887	-10.01240	4.96640	-5.04600	-14.97880	.00706	396.02003
2.860	7.854	-.01863	-9.99240	4.99280	-4.99960	-14.98519	.00721	395.98151
2.860	11.940	-.01870	-10.03418	4.97658	-5.05760	-15.01076	.00755	396.07780
2.860	15.980	-.01839	-9.95723	4.95763	-4.99960	-14.91487	.00791	396.02003
2.860	20.066	-.01769	-9.96564	4.94284	-5.02280	-14.90848	.00821	395.96226
2.860	24.156	-.01729	-9.97612	4.97072	-5.00540	-14.94683	.00798	395.86598
2.860	28.254	-.01707	-10.02779	4.97019	-5.05760	-14.99798	.00784	395.96226
2.860	32.329	-.01715	-10.04763	5.06543	-4.98220	-15.11305	.00768	396.00077

RUN NO. 146/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.688	-.00058	-9.97032	4.97652	-4.99380	-14.94683	.00415	300.78246
3.900	-1.642	-.00040	-9.97612	4.97072	-5.00540	-14.94683	.00413	300.72632
3.900	.401	-.00054	-9.98482	4.96202	-5.02280	-14.94683	.00417	300.75840
3.900	2.410	-.00038	-9.98742	4.95302	-5.03440	-14.94044	.00417	300.77444
3.900	4.441	-.00042	-9.98162	4.95882	-5.02280	-14.94044	.00415	300.72632
3.900	6.417	-.00050	-9.98742	4.95302	-5.03440	-14.94044	.00420	300.70226
3.900	8.194	-.00050	-9.98251	4.97711	-5.00540	-14.95962	.00424	300.77444
3.900	12.539	-.00047	-10.00021	4.96581	-5.03440	-14.96601	.00433	300.75038
3.900	16.539	-.00015	-9.99240	4.99280	-4.99960	-14.92519	.00449	300.75840
3.900	20.664	.00029	-10.01009	4.98149	-5.02860	-14.99158	.00446	300.67018
3.900	24.704	.00009	-10.04927	4.97428	-5.07500	-15.02355	.00446	300.75038
3.900	28.692	.00014	-9.99760	4.97480	-5.02280	-14.97241	.00446	300.75038
3.900	32.914	.00013	-9.94392	4.99652	-4.94740	-14.94044	.00444	300.73434

## LA75 TABULATED SAOUCE DATA

PAGE 250

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM059)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 153/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.270	-.01854	-9.95812	4.97592	-4.98220	-14.93405	.00317	235.64673
4.600	-1.206	-.01859	-9.96712	4.97332	-4.99380	-14.94044	.00315	235.51320
4.600	.728	-.01837	-9.96712	4.97332	-4.99380	-14.94044	.00317	235.57996
4.600	2.772	-.01831	-9.96682	4.96722	-4.99960	-14.93405	.00315	235.64673
4.600	4.759	-.01813	-9.96363	4.96403	-4.99960	-14.92766	.00312	235.64673
4.600	6.779	-.01812	-9.96043	4.96083	-4.99960	-14.92126	.00313	235.64673
4.600	8.888	-.01819	-9.97203	4.94923	-5.02280	-14.92126	.00319	235.57996
4.600	12.854	-.01799	-9.96883	4.94603	-5.02280	-14.91487	.00324	235.57996
4.600	16.883	-.01792	-9.97173	4.94313	-5.02860	-14.91487	.00327	235.64673
4.600	20.955	-.01774	-9.97203	4.94923	-5.02280	-14.92126	.00329	235.64673
4.600	24.963	-.01780	-9.97552	4.95852	-5.01700	-14.93405	.00333	235.57996
4.600	29.044	-.01774	-9.98162	4.95882	-5.02280	-14.94044	.00331	235.64673
4.600	33.024	-.01750	-9.99991	4.95971	-5.04020	-14.95962	.00331	235.64673

## LA75 TABULATED SAOUCE DATA

PAGE 251

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM060)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 142/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.342	3.01471	-9.99151	4.97451	-5.01700	-14.96601	.00674	396.05854
2.860	-2.316	3.01368	-9.99091	4.96231	-5.02860	-14.95323	.00682	395.86598
2.860	-.266	3.01281	-9.99542	4.95042	-5.04600	-14.94683	.00690	395.76970
2.860	1.746	3.01224	-10.00512	4.94172	-5.06340	-14.94683	.00700	395.86598
2.860	3.786	3.01233	-9.99352	4.95332	-5.04020	-14.94683	.00704	396.05854
2.860	5.805	3.01215	-10.00482	4.93562	-5.06920	-14.94044	.00716	395.86598
2.860	7.831	3.01228	-9.97641	4.97681	-4.99960	-14.95323	.00731	395.80821
2.860	11.894	3.01234	-10.00400	4.98120	-5.02280	-14.98519	.00759	395.69267
2.860	16.002	3.01387	-9.97216	5.07696	-4.89520	-15.04912	.00794	395.88523
2.860	20.085	3.01593	-10.00429	4.98729	-5.01700	-14.99158	.00813	396.02003
2.860	24.138	3.01762	-10.01181	4.95421	-5.05760	-14.96601	.00813	395.88523
2.860	28.247	3.01826	-10.00779	4.99659	-5.01120	-15.00437	.00795	396.13556
2.860	32.321	3.01794	-10.04087	4.98907	-5.05180	-15.02994	.00769	396.03928

RUN NO. 147/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.669	3.00548	-9.96883	4.94603	-5.02280	-14.91487	.00420	300.77444
3.900	-1.732	3.00463	-9.97493	4.94633	-5.02860	-14.92126	.00422	300.79849
3.900	.439	3.00398	-9.99470	4.97770	-5.01700	-14.97241	.00423	300.75038
3.900	2.385	3.00374	-9.98801	4.96521	-5.02280	-14.95323	.00423	300.72632
3.900	4.418	3.00342	-9.98772	4.95912	-5.02860	-14.94683	.00423	300.80651
3.900	6.455	3.00339	-9.98742	4.95302	-5.03440	-14.94044	.00423	300.82255
3.900	8.504	3.00331	-9.99002	4.94402	-5.04600	-14.93405	.00426	300.79849
3.900	12.495	3.00342	-9.97463	4.94023	-5.03440	-14.91487	.00437	300.80651
3.900	16.655	3.00385	-9.96303	4.95183	-5.01120	-14.91487	.00442	300.76642
3.900	20.633	3.00506	-9.99731	4.96871	-5.02860	-14.96601	.00444	300.81453
3.900	24.652	3.00557	-10.01098	4.99978	-5.01120	-15.01076	.00451	300.78246
3.900	28.738	3.00560	-10.03537	5.00097	-5.03440	-15.03634	.00453	300.77444
3.900	32.807	3.00532	-10.01359	4.99079	-5.02280	-15.00437	.00448	300.83859



## LA75 TABULATED SAOUCE DATA

PAGE 252

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM060)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BOFLAP = .000

RUN NO. 1547 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.266	3.00215	-10.00110	4.98410	-5.01700	-14.98519	.00322	235.51320
4.600	-1.218	3.00195	-9.99210	4.98670	-5.00540	-14.97880	.00317	235.57996
4.600	.780	3.00134	-10.00080	4.97800	-5.02280	-14.97880	.00320	235.57996
4.600	2.788	3.00122	-9.97440	4.99800	-4.97640	-14.97241	.00317	235.57996
4.600	4.759	3.00100	-9.97701	4.98901	-4.98800	-14.96601	.00319	235.57996
4.600	6.919	3.00083	-9.98600	4.98640	-4.99960	-14.97241	.00320	235.51320
4.600	8.872	3.00074	-9.97931	4.97391	-5.00540	-14.95323	.00322	235.57996
4.600	12.987	3.00073	-9.98221	4.97101	-5.01120	-14.95323	.00329	235.64673
4.600	16.906	3.00099	-9.99091	4.96231	-5.02860	-14.95323	.00333	235.57996
4.600	20.929	3.00179	-9.98511	4.96811	-5.01700	-14.95323	.00333	235.57996
4.600	25.035	3.00185	-9.99961	4.95361	-5.04600	-14.95323	.00336	235.57996
4.600	29.059	3.00217	-9.99790	4.98090	-5.01700	-14.97880	.00340	235.64673
4.600	33.102	3.00189	-10.00370	4.97510	-5.02860	-14.97880	.00333	235.64673

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 253

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM061)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 168/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.351	-.02051	-.03978	.00498	-.03480	-.04475	.00635	395.38456
2.860	-2.309	-.02052	-.04238	-.00402	-.04640	-.03836	.00659	395.84672
2.860	-.249	-.02003	-.01569	.00989	-.00580	-.02557	.00656	395.65416
2.860	1.752	-.01991	-.01829	.00089	-.01740	-.01918	.00662	395.21127
2.860	3.798	-.01994	.00521	.01799	.02320	-.01279	.00682	396.34738
2.860	5.827	-.01964	.00870	.00870	.01740	.00000	.00695	396.34738
2.860	7.859	-.01997	-.00610	.00030	-.00580	-.00639	.00710	396.46292
2.860	11.919	-.01999	-.13827	.09187	-.04640	-.23015	.00737	396.02003
2.860	16.014	-.01913	-.02758	.00438	-.02320	-.03197	.00759	396.25110
2.860	20.080	-.01835	-.00491	-.02409	-.02900	.01918	.00761	396.34738
2.860	24.184	-.01825	.01397	-.03717	-.02320	.05114	.00755	396.09705
2.860	28.264	-.01600	.00675	-.07635	-.06960	.08311	.00761	396.28961
2.860	32.397	-.01793	.02699	.00781	.03480	.01918	.00757	396.07780

RUN NO. 156/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.678	-.00209	-.01829	.00089	-.01740	-.01918	.00414	300.27724
3.900	-1.632	-.00175	-.01799	-.00521	-.02320	-.01279	.00418	300.83859
3.900	.365	-.00187	-.01799	-.00521	-.02320	-.01279	.00421	300.33337
3.900	2.370	-.00186	-.03019	-.00461	-.03480	-.02557	.00422	299.91636
3.900	4.472	-.00173	-.01770	-.01130	-.02900	-.00639	.00422	300.40555
3.900	6.433	-.00185	-.02640	-.02000	-.04640	-.00639	.00427	300.34139
3.900	8.452	-.00197	-.01420	-.02060	-.03480	.00639	.00432	299.86825
3.900	12.471	-.00141	-.02610	-.02610	-.05220	.00000	.00438	300.60603
3.900	16.577	-.00086	-.08565	.01025	-.07540	-.09590	.00443	301.01502
3.900	20.674	-.00041	-.02781	-.05339	-.08120	.02557	.00444	300.54187
3.900	24.671	-.00028	.00237	-.04877	-.04640	.05114	.00442	300.26120
3.900	28.683	-.00008	.00616	-.06416	-.05800	.07032	.00444	300.16496
3.900	32.794	-.00024	-.00432	-.03628	-.04060	.03197	.00447	299.99656

## LA75 TABULATED SAUCE DATA

PAGE 254

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH061)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 162/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.279	-.02071	-.02616	.03776	.01160	-.06393	.00317	236.96953
4.600	-1.241	-.02066	.03806	-.03226	.00580	.07032	.00318	236.76923
4.600	.756	-.02033	-.04155	.04155	.00000	-.08311	.00318	236.70246
4.600	2.743	-.02035	-.03516	.03516	.00000	-.07032	.00318	236.30187
4.600	4.772	-.02027	.02238	-.02238	.00000	.04475	.00318	235.90128
4.600	6.783	-.02032	.01308	-.01888	-.00580	.03197	.00322	236.03481
4.600	8.844	-.02033	.00349	-.00929	-.00580	.01279	.00325	235.76775
4.600	12.847	-.01981	-.00550	-.01190	-.01740	.00639	.00329	235.83451
4.600	16.977	-.01937	-.04528	-.00692	-.05220	-.03836	.00334	235.63422
4.600	20.988	-.01920	-.04037	.01717	-.02320	-.05754	.00336	235.63422
4.600	25.042	-.01880	.01516	-.06156	-.04640	.07672	.00334	235.50069
4.600	29.032	-.01875	-.02290	-.02930	-.05220	.00639	.00339	235.43392
4.600	33.065	-.01872	-.03019	-.00461	-.03480	-.02557	.00337	235.36716

## LA75 TABULATED SAOUCE DATA

PAGE 255

LARC UPWT 1173(LA75)B26C9L43F8M16N28R5V8W

(SJM062)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 169/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(P5F)
2.860	-4.346	-.02129	-9.98294	-.01626	-9.99920	-9.96669	.00627	396.19333
2.860	-2.285	-.02066	-9.99194	-.01886	-10.01080	-9.97308	.00629	395.88523
2.860	-.271	-.02051	-9.99514	-.01566	-10.01080	-9.97947	.00636	396.09705
2.860	1.744	-.02032	-10.00443	-.01217	-10.01660	-9.99226	.00641	396.05854
2.860	3.808	-.02031	-10.01692	-.00548	-10.02240	-10.01144	.00659	396.13556
2.860	5.842	-.02025	-10.00881	.01541	-9.99340	-10.02422	.00682	396.36664
2.860	7.903	-.02014	-10.00532	.00612	-9.99920	-10.01144	.00696	395.94300
2.860	11.945	-.02009	-9.99543	-.00957	-10.00500	-9.98587	.00728	396.13556
2.860	15.974	-.01960	-9.99253	-.00667	-9.99920	-9.98587	.00768	396.27036
2.860	20.107	-.01859	-10.00443	-.01217	-10.01660	-9.99226	.00789	396.11631
2.860	24.145	-.01860	-9.98703	.00523	-9.98180	-9.99226	.00773	396.05854
2.860	28.246	-.01793	-9.99283	-.00057	-9.99340	-9.99226	.00751	395.51937
2.860	32.352	-.01808	-10.00473	-.00607	-10.01080	-9.99865	.00741	396.03928

RUN NO. 158/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(P5F)
3.900	-3.651	-.02135	-9.99952	.01192	-9.98760	-10.01144	.00417	301.35183
3.900	-1.634	-.02141	-10.00242	.00902	-9.99340	-10.01144	.00416	301.72072
3.900	.369	-.02099	-10.00242	.00902	-9.99340	-10.01144	.00415	301.84903
3.900	2.369	-.02111	-10.00852	.00932	-9.99920	-10.01783	.00417	299.86825
3.900	4.415	-.02111	-10.01171	.01251	-9.99920	-10.02422	.00414	300.81453
3.900	6.433	-.02113	-10.00532	.00612	-9.99920	-10.01144	.00428	300.06873
3.900	8.421	-.02125	-10.00532	.00612	-9.99920	-10.01144	.00428	299.89231
3.900	12.508	-.02103	-10.01432	.00352	-10.01080	-10.01783	.00438	300.71028
3.900	16.572	-.02019	-9.96086	-.03254	-9.99340	-9.92833	.00442	300.53386
3.900	20.606	-.01990	-9.96406	-.02934	-9.99340	-9.93472	.00443	300.58999
3.900	24.733	-.01954	-9.96666	-.03834	-10.00500	-9.92833	.00442	300.61405
3.900	28.721	-.01961	-9.99046	-.04934	-10.03980	-9.94111	.00444	300.46168
3.900	32.856	-.01962	-9.99744	-.03076	-10.02820	-9.96669	.00446	300.41356

## LA75 TABULATED SAOUCE DATA

PAGE 256

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM062)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 164/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.273	-.00152	-9.97335	-.02585	-9.99920	-9.94751	.00323	235.23363
4.600	-1.226	-.00162	-9.97945	-.02555	-10.00500	-9.95390	.00323	235.16686
4.600	.771	-.00139	-9.97945	-.02555	-10.00500	-9.95390	.00318	235.30039
4.600	2.763	-.00116	-9.98235	-.02845	-10.01080	-9.95390	.00314	235.30039
4.600	4.773	-.00113	-9.98815	-.03425	-10.02240	-9.95390	.00316	235.23363
4.600	6.831	-.00130	-9.98235	-.02845	-10.01080	-9.95390	.00320	235.30039
4.600	8.849	-.00131	-9.98525	-.03135	-10.01660	-9.95390	.00323	235.23363
4.600	12.880	-.00075	-9.98815	-.03425	-10.02240	-9.95390	.00325	235.23363
4.600	16.935	-.00040	-9.99425	-.03395	-10.02820	-9.96029	.00334	235.30039
4.600	20.959	.00004	-9.97335	-.02585	-9.99920	-9.94751	.00334	235.30039
4.600	24.941	.00012	-9.98845	-.02815	-10.01660	-9.96029	.00336	235.30039
4.600	29.002	.00028	-9.99454	-.02786	-10.02240	-9.96669	.00336	235.30039
4.600	33.091	.00013	-9.99744	-.03076	-10.02820	-9.96669	.00336	235.36716

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)826C9E43F8M16N28R5V8W

(SJM063)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 170/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.330	-.02207	-10.00779	4.99659	-5.01120	-15.00437	.00631	396.30887
2.860	-2.285	-.02161	-9.97589	5.02849	-4.94740	-15.00437	.00639	395.94300
2.860	-.268	-.02121	-9.98749	5.01689	-4.97060	-15.00437	.00653	396.38589
2.860	1.761	-.02059	-9.99329	5.01109	-4.98220	-15.00437	.00660	396.13556
2.860	3.768	-.02076	-10.01968	4.99108	-5.02860	-15.01076	.00677	396.53143
2.860	5.796	-.02047	-10.00199	5.00239	-4.99960	-15.00437	.00691	396.27036
2.860	7.836	-.02037	-10.02258	4.98818	-5.03440	-15.01076	.00702	396.57845
2.860	11.909	-.02017	-10.01737	5.00618	-5.01120	-15.02355	.00728	396.42440
2.860	16.001	-.01932	-10.01075	5.05755	-4.95320	-15.06830	.00768	396.27036
2.860	20.043	-.01832	-9.96972	4.96432	-5.00540	-14.93405	.00785	396.36664
2.860	24.142	-.01796	-9.94652	4.98752	-4.95900	-14.93405	.00773	396.32812
2.860	28.257	-.01736	-9.96073	4.96693	-4.99380	-14.92766	.00761	396.48217
2.860	32.378	-.01763	-10.01820	4.96060	-5.05760	-14.97880	.00751	396.32812

RUN NO. 159/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.657	-.02229	-10.02116	5.02156	-4.99960	-15.04273	.00420	300.87067
3.900	-1.636	-.02170	-9.93604	4.95964	-4.97640	-14.89569	.00417	300.93482
3.900	.365	-.02181	-10.00169	4.99629	-5.00540	-14.99798	.00422	299.65172
3.900	2.369	-.02149	-10.01619	4.98179	-5.03440	-14.99798	.00420	300.50980
3.900	4.398	-.02140	-9.98589	5.00469	-4.98220	-14.99158	.00419	299.98854
3.900	6.506	-.02159	-9.99559	4.99599	-4.99960	-14.99158	.00425	300.12487
3.900	8.511	-.02151	-9.99269	4.99889	-4.99380	-14.99158	.00431	300.49376
3.900	12.527	-.02098	-10.01009	4.98149	-5.02860	-14.99158	.00437	300.04467
3.900	16.620	-.02036	-10.00459	4.99339	-5.01120	-14.99798	.00443	300.59801
3.900	20.632	-.01978	-9.99269	4.99889	-4.99380	-14.99158	.00450	300.31733
3.900	24.662	-.01985	-9.99039	5.01399	-4.97640	-15.00437	.00449	300.27224
3.900	28.774	-.01940	-9.99329	5.01109	-4.98220	-15.00437	.00450	300.40555
3.900	32.787	-.01947	-10.01879	4.97273	-5.04600	-14.99158	.00450	301.00700

## LA75 TABULATED SAUCE DATA

PAGE 258

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM063)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 165/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.262	-.00188	-9.98571	4.98031	-5.00540	-14.96601	.00316	235.23363
4.600	-1.210	-.00167	-9.98571	4.98031	-5.00540	-14.96601	.00314	235.23363
4.600	.788	-.00157	-9.98571	4.98031	-5.00540	-14.96601	.00318	235.23363
4.600	2.761	-.00137	-9.98251	4.97711	-5.00540	-14.95962	.00318	235.30039
4.600	4.720	-.00141	-9.97872	4.96172	-5.01700	-14.94044	.00320	235.23363
4.600	6.770	-.00151	-9.97262	4.96142	-5.01120	-14.93405	.00322	235.23363
4.600	8.832	-.00134	-9.97262	4.96142	-5.01120	-14.93405	.00325	235.30039
4.600	12.905	-.00075	-10.02986	5.01286	-5.01700	-15.04273	.00332	235.30039
4.600	16.876	-.00014	-10.01678	4.99398	-5.02280	-15.01076	.00336	235.30039
4.600	20.948	.00014	-10.03158	4.98558	-5.04600	-15.01716	.00336	235.23363
4.600	24.968	.00039	-9.98890	4.98350	-5.00540	-14.97241	.00339	235.30039
4.600	29.048	.00039	-9.99441	4.97161	-5.02280	-14.96601	.00336	235.23363
4.600	33.095	.00064	-9.98861	4.97741	-5.01120	-14.96601	.00336	235.30039

LA75 TABULATED SAUCE DATA

PAGE 259

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJM064)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 171/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.337	3.03023	-9.98660	4.99860	-4.98800	-14.98519	.00639	396.25110
2.860	-2.331	3.02926	-10.00199	5.00239	-4.99960	-15.00437	.00650	396.32812
2.860	-.249	3.02891	-10.03217	4.99777	-5.03440	-15.02994	.00669	396.50143
2.860	1.736	3.02817	-9.96504	4.93064	-5.03440	-14.89569	.00678	395.94300
2.860	3.775	3.02827	-10.00228	5.00848	-4.99380	-15.01076	.00688	396.53994
2.860	5.804	3.02815	-9.96712	4.97332	-4.99380	-14.94044	.00704	396.38589
2.860	7.875	3.02830	-9.95872	4.98812	-4.97060	-14.94683	.00714	396.48217
2.860	11.905	3.02874	-9.96682	4.96722	-4.99960	-14.93405	.00740	396.27036
2.860	15.968	3.03059	-9.96132	4.97912	-4.98220	-14.94044	.00772	396.53934
2.860	20.097	3.03287	-10.02288	4.99428	-5.02860	-15.01716	.00789	396.23184
2.860	24.183	3.03459	-10.00548	5.01168	-4.99380	-15.01716	.00790	396.40515
2.860	28.237	3.03533	-9.98600	4.98640	-4.99960	-14.97241	.00784	396.46292
2.860	32.394	3.03505	-9.99671	4.95651	-5.04020	-14.95323	.00757	396.48217

RUN NO. 160/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.662	3.00300	-10.00258	5.01458	-4.98800	-15.01716	.00417	300.34941
3.900	-1.617	3.00264	-10.01507	5.02127	-4.99380	-15.03634	.00420	301.01502
3.900	.383	3.00219	-9.96073	4.96693	-4.99380	-14.92766	.00421	301.52826
3.900	2.386	3.00198	-9.95114	4.95734	-4.99380	-14.90848	.00423	302.00140
3.900	4.416	3.00171	-9.94474	4.95094	-4.99380	-14.89569	.00423	302.19386
3.900	6.478	3.00139	-9.95054	4.94514	-5.00540	-14.89569	.00426	301.44004
3.900	8.466	3.00130	-9.95504	4.93064	-5.03440	-14.89569	.00434	300.70226
3.900	12.467	3.00179	-9.97374	4.92194	-5.05180	-14.89569	.00443	300.75038
3.900	16.609	3.00269	-9.96214	4.93355	-5.02860	-14.89569	.00449	300.65415
3.900	20.644	3.00441	-9.97931	4.97391	-5.00540	-14.95323	.00451	300.90275
3.900	24.754	3.00513	-9.99470	4.97770	-5.01700	-14.97241	.00456	300.97492
3.900	28.736	3.00514	-10.01388	4.99688	-5.01700	-15.01076	.00458	300.88671
3.900	32.809	3.00506	-9.99909	5.00529	-4.99380	-15.00437	.00451	300.89473



## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH064)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 166/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.210	3.00001	-9.99210	4.98670	-5.00540	-14.97880	.00325	235.23363
4.600	-1.259	2.99953	-9.99500	4.98380	-5.01120	-14.97880	.00323	235.23363
4.600	.762	2.99921	-9.99500	4.98380	-5.01120	-14.97880	.00325	235.23363
4.600	2.752	2.99915	-9.99470	4.97770	-5.01700	-14.97241	.00322	235.23363
4.600	4.783	2.99901	-10.00110	4.98410	-5.01700	-14.98519	.00323	235.23363
4.600	6.813	2.99888	-10.01359	4.99079	-5.02280	-15.00437	.00322	235.23363
4.600	8.822	2.99884	-9.98488	5.02588	-4.95900	-15.01076	.00325	235.23363
4.600	12.900	2.99938	-9.99388	5.02328	-4.97060	-15.01716	.00332	235.36716
4.600	16.947	3.00036	-10.00607	5.02387	-4.98220	-15.02994	.00339	235.30039
4.600	20.939	3.00065	-9.98541	4.97421	-5.01120	-14.95962	.00343	235.30039
4.600	25.140	3.00086	-10.00139	4.99019	-5.01120	-14.99158	.00346	235.30039
4.600	29.029	3.00111	-10.01329	4.98469	-5.02860	-14.99798	.00344	235.30039
4.600	33.142	3.00106	-10.00867	5.01487	-4.99380	-15.02355	.00339	235.30039

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM065)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 66/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.085	-.01859	.01799	.00521	.02320	.01279	.00624	395.55788
2.860	-2.069	-.01834	.02149	-.00409	.01740	.02557	.00639	396.44366
2.860	-.021	-.01808	.01598	-.01598	.00000	.03197	.00649	396.71325
2.860	1.990	-.01796	.00349	-.00929	-.00580	.01279	.00653	396.34738
2.860	4.014	-.01782	-.01829	.00089	-.01740	-.01918	.00663	396.30887
2.860	6.081	-.01786	-.02640	-.02000	-.04640	-.00639	.00688	396.00077
2.860	8.102	-.01804	-.03450	-.04090	-.07540	.00639	.00698	395.80821
2.860	12.147	-.01790	-.00313	-.06067	-.06380	.05754	.00720	395.88523
2.860	16.227	-.01760	-.04149	-.02231	-.06380	-.01918	.00750	395.69267
2.860	20.349	-.01700	-.04759	-.02201	-.06960	-.02557	.00762	395.42309
2.860	24.412	-.01680	.00409	-.02149	-.01740	.02557	.00749	395.67342
2.860	28.492	-.01701	.01918	-.01918	.00000	.03836	.00742	395.53863
2.860	32.605	-.01752	-.03338	-.00142	-.03480	-.03197	.00741	395.46160

RUN NO. 72/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.417	-.00040	.05025	-.03285	.01740	.08311	.00379	300.64613
3.900	-1.400	-.00050	.01859	-.00699	.01160	.02557	.00387	300.51782
3.900	.625	-.00040	.02468	-.00728	.01740	.03197	.00387	300.49376
3.900	2.638	-.00038	.02788	-.01048	.01740	.03836	.00385	300.23714
3.900	4.667	-.00043	.02498	-.01338	.01160	.03836	.00388	300.16496
3.900	6.687	-.00021	.02528	-.01948	.00580	.04475	.00395	300.28525
3.900	8.706	-.00039	.02267	-.02847	-.00580	.05114	.00400	300.97492
3.900	12.738	-.00043	.00876	-.05516	-.04640	.06393	.00407	301.53628
3.900	16.776	.00004	-.05078	-.01882	-.06960	-.03197	.00415	301.90517
3.900	20.857	.00045	.03546	-.04126	-.00580	.07572	.00412	300.17298
3.900	24.929	.00021	-.01651	-.03569	-.05220	.01918	.00412	300.43762
3.900	28.969	.00034	-.02432	-.06268	-.08700	.03836	.00416	300.81453
3.900	33.049	.00041	.01397	-.03717	-.02320	.05114	.00419	300.97492

## LA75 TABULATED SAOUCE DATA

PAGE 262

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM065)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPOBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 78/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.020	-.01838	-.04617	.01137	-.03480	-.05754	.00273	235.44732
4.600	-1.001	-.01836	-.02616	.03776	.01160	-.06393	.00274	235.31379
4.600	1.004	-.01822	-.03226	.03806	.00580	-.07032	.00273	235.31379
4.600	3.008	-.01820	-.04155	.04155	.00000	-.08311	.00273	235.24702
4.600	5.029	-.01824	-.05375	.04215	-.01160	-.09590	.00274	235.31379
4.600	7.037	-.01824	-.05694	.04534	-.01160	-.10229	.00274	235.24702
4.600	9.071	-.01828	-.06884	.03984	-.02900	-.10868	.00280	235.24702
4.600	13.099	-.01801	-.06416	.00616	-.05800	-.07032	.00290	235.18026
4.600	17.149	-.01792	.07204	-.04304	.02900	.11507	.00294	235.18026
4.600	21.161	-.01765	.06452	-.07612	-.01160	.14065	.00294	235.18026
4.600	25.254	-.01756	-.02290	-.02930	-.05220	.00639	.00294	235.11349
4.600	29.231	-.01738	-.10914	-.00686	-.11600	-.10229	.00296	235.11349
4.600	33.335	-.01756	-.03457	.02297	-.01160	-.05754	.00292	235.04673

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## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM066)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPOBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 67/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.096	-.01868	-9.99833	-.01247	-10.01080	-9.98587	.00620	396.61696
2.860	-2.057	-.01864	-10.01633	-.01767	-10.03400	-9.99865	.00622	396.17408
2.860	-.006	-.01846	-9.99543	-.00957	-10.00500	-9.98587	.00630	396.00077
2.860	2.018	-.01836	-10.01023	-.01797	-10.02820	-9.99226	.00635	396.02003
2.860	4.031	-.01815	-9.99253	-.00667	-9.99920	-9.98587	.00651	395.98151
2.860	6.118	-.01793	-9.98963	-.00377	-9.99340	-9.98587	.00673	396.03928
2.860	8.136	-.01811	-10.00733	-.01507	-10.02240	-9.99226	.00678	395.75044
2.860	12.182	-.01770	-10.01142	.00642	-10.00500	-10.01783	.00722	395.86523
2.860	16.231	-.01748	-9.98845	-.02815	-10.01660	-9.96029	.00768	395.63491
2.860	20.321	-.01693	-9.99194	-.01896	-10.01080	-9.97308	.00785	395.98151
2.860	24.421	-.01705	-10.00591	.01831	-9.98760	-10.02422	.00761	395.80821
2.860	28.498	-.01696	-9.99573	-.00347	-9.99920	-9.99226	.00733	395.90449
2.860	32.621	-.01725	-9.98993	.00233	-9.98760	-9.99226	.00724	395.63491

RUN NO. 73/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.411	-.00040	-10.01082	-.00578	-10.01660	-10.00504	.00376	300.64613
3.900	-1.397	-.00041	-10.01372	-.00868	-10.02240	-10.00504	.00382	300.61405
3.900	.636	-.00027	-10.01372	-.00868	-10.02240	-10.00504	.00380	300.59801
3.900	2.643	-.00043	-10.01372	-.00868	-10.02240	-10.00504	.00381	300.54187
3.900	4.653	-.00033	-10.01662	-.01158	-10.02820	-10.00504	.00384	300.58197
3.900	6.670	-.00024	-10.01662	-.01158	-10.02820	-10.00504	.00390	300.57395
3.900	8.692	-.00027	-10.01952	-.01448	-10.03400	-10.00504	.00399	300.71830
3.900	12.736	-.00037	-10.02592	-.00808	-10.03400	-10.01783	.00409	300.64613
3.900	16.810	.00012	-10.03811	-.00749	-10.04560	-10.03062	.00416	300.61405
3.900	20.873	.00047	-9.95566	-.01454	-9.97020	-9.94111	.00413	300.54187
3.900	24.909	.00045	-9.96436	-.02324	-9.98760	-9.94111	.00415	300.52584
3.900	28.970	.00052	-9.97306	-.03194	-10.00500	-9.94111	.00416	300.56593
3.900	33.054	.00055	-9.97886	-.03774	-10.01660	-9.94111	.00410	300.60603

## LA75 TABULATED SAOUCE DATA

PAGE 264

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM066)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 79/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.021	-.01833	-9.97513	.01073	-9.96440	-9.98587	.00274	234.91320
4.600	-1.010	-.01827	-9.98733	.01133	-9.97600	-9.99865	.00274	234.77967
4.600	1.014	-.01832	-9.98993	.00233	-9.98760	-9.99226	.00273	234.91320
4.600	3.002	-.01832	-9.99632	.00872	-9.98760	-10.00504	.00271	235.58085
4.600	5.033	-.01824	-9.99313	.00553	-9.98760	-9.99865	.00273	236.04821
4.600	7.028	-.01826	-9.99922	.00582	-9.99340	-10.00504	.00275	236.18174
4.600	9.049	-.01810	-9.99922	.00582	-9.99340	-10.00504	.00278	236.31527
4.600	13.127	-.01793	-10.00822	.00322	-10.00500	-10.01144	.00284	236.58233
4.600	17.168	-.01777	-10.01432	.00352	-10.01080	-10.01783	.00293	236.58233
4.600	21.044	-.01775	-10.02012	-.00228	-10.02240	-10.01783	.00294	236.18174
4.600	25.256	-.01748	-10.03840	-.00139	-10.03980	-10.03701	.00292	236.11497
4.600	29.233	-.01752	-10.04710	-.01009	-10.05720	-10.03701	.00294	235.78115
4.600	33.540	-.01765	-10.13140	.09740	-10.03400	-10.22880	.00285	235.64762

LA75 TABULATED SAUCE DATA

PAGE 265

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJM067)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 68/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.062	-.01955	-10.00577	5.01778	-4.98800	-15.02355	.00626	395.53863
2.860	-2.046	-.01913	-10.00199	5.00239	-4.99960	-15.00437	.00630	395.84672
2.860	.005	-.01861	-10.02027	5.00328	-5.01700	-15.02355	.00640	395.76970
2.860	2.017	-.01847	-9.98511	4.96811	-5.01700	-14.95323	.00651	395.88523
2.860	4.054	-.01827	-9.96191	4.99131	-4.97060	-14.95323	.00664	395.92375
2.860	6.089	-.01823	-9.98162	4.95882	-5.02280	-14.94044	.00677	395.78895
2.860	8.103	-.01819	-9.98132	4.95272	-5.02860	-14.93405	.00688	395.96226
2.860	12.169	-.01775	-9.97002	4.97042	-4.99960	-14.94044	.00720	395.55788
2.860	16.223	-.01747	-9.98950	4.99570	-4.99380	-14.98519	.00760	395.86598
2.860	20.330	-.01675	-10.00347	5.03287	-4.97060	-15.03634	.00787	395.76970
2.860	24.436	-.01627	-9.97440	4.99800	-4.97640	-14.97241	.00759	395.75044
2.860	28.501	-.01637	-9.98251	4.97711	-5.00540	-14.95962	.00745	395.63491
2.860	32.590	-.01659	-10.00482	4.93562	-5.06920	-14.94044	.00736	396.03928

RUN NO. 74/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.427	-.00112	-9.98950	4.99570	-4.99380	-14.98519	.00381	300.56593
3.900	-1.404	-.00070	-10.00400	4.98120	-5.02280	-14.98519	.00386	300.67018
3.900	.612	-.00053	-10.01560	4.96960	-5.04600	-14.98519	.00386	300.68622
3.900	2.636	-.00067	-10.01619	4.98179	-5.03440	-14.99798	.00384	300.70226
3.900	4.662	-.00045	-10.01879	4.97279	-5.04600	-14.99158	.00384	300.71028
3.900	6.670	-.00025	-9.98808	5.02908	-4.95900	-15.01716	.00391	300.75840
3.900	8.699	-.00032	-9.99039	5.01399	-4.97640	-15.00437	.00401	300.75840
3.900	12.731	-.00025	-10.01418	5.00298	-5.01120	-15.01716	.00408	300.73434
3.900	16.804	.00023	-10.01471	4.95131	-5.06340	-14.96601	.00419	300.67018
3.900	20.852	.00050	-9.97411	4.99191	-4.98220	-14.96601	.00416	300.71028
3.900	24.930	.00074	-10.00311	4.96291	-5.04020	-14.96601	.00416	300.76642
3.900	28.970	.00072	-10.03151	4.92171	-5.10980	-14.95323	.00417	300.76642
3.900	33.041	.00083	-9.97061	4.99261	-4.98800	-14.95323	.00416	300.72632

## LA75 TABULATED SAOUCE DATA

PAGE 266

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH067)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BOFLAP = .000

RUN NO. 80/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.014	-.01862	-10.03448	4.98268	-5.05180	-15.01716	.00275	235.51409
4.600	-1.088	-.01860	-9.98518	5.03198	-4.95320	-15.01716	.00271	235.51409
4.600	1.012	-.01869	-9.99447	5.03547	-4.95900	-15.02994	.00273	235.51409
4.600	3.009	-.01848	-9.99707	5.02648	-4.97060	-15.02355	.00271	235.51409
4.600	5.055	-.01830	-10.00607	5.02387	-4.98220	-15.02994	.00271	235.58085
4.600	7.059	-.01820	-10.02406	5.01866	-5.00540	-15.04273	.00278	235.58085
4.600	9.036	-.01834	-10.02696	5.01576	-5.01120	-15.04273	.00280	235.51409
4.600	15.816	-.01788	-10.05076	5.00476	-5.04600	-15.05552	.00290	235.58085
4.600	17.157	-.01789	-10.05105	5.01085	-5.04020	-15.06191	.00294	235.58085
4.600	21.168	-.01776	-10.06035	5.01435	-5.04600	-15.07469	.00292	235.51409
4.600	25.240	-.01766	-10.05834	5.03554	-5.02280	-15.09387	.00294	235.58085
4.600	29.290	-.01748	-10.07462	5.05762	-5.01700	-15.13223	.00296	235.51409
4.600	33.352	-.01740	-9.96340	5.02180	-4.94160	-14.98519	.00292	235.51409

## LA75 TABULATED SAOUCE DATA

PAGE 267

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM068)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 69/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-3.988	2.99526	-10.00080	4.97800	-5.02280	-14.97880	.00643	395.73119
2.860	-2.046	2.99425	-10.00080	4.97800	-5.02280	-14.97880	.00652	395.94300
2.860	-.033	2.99381	-10.00050	4.97190	-5.02860	-14.97241	.00656	395.75044
2.860	1.978	2.99333	-9.96481	4.98841	-4.97640	-14.95323	.00667	395.92375
2.860	4.063	2.99314	-9.97612	4.97072	-5.00540	-14.94683	.00672	395.76970
2.860	6.076	2.99299	-9.98950	4.99570	-4.99380	-14.98519	.00687	395.71193
2.860	8.123	2.99293	-9.99210	4.98670	-5.00540	-14.97880	.00697	395.84672
2.860	12.147	2.99344	-10.01157	5.01198	-4.99960	-15.02355	.00739	395.92375
2.860	16.248	2.99488	-10.00980	4.97540	-5.03440	-14.98519	.00774	395.65416
2.860	20.367	2.99687	-9.99411	4.96551	-5.02860	-14.95962	.00781	395.90449
2.860	24.419	2.99867	-9.98719	5.01079	-4.97640	-14.99798	.00779	395.92375
2.860	28.513	2.99932	-9.99820	4.98700	-5.01120	-14.98519	.00761	395.73119
2.860	32.568	2.99875	-9.99441	4.97161	-5.02280	-14.96601	.00736	395.80821

RUN NO. 75/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.408	3.00503	-9.95961	5.00841	-4.95320	-14.96601	.00386	300.77444
3.900	-1.428	3.00458	-9.97991	4.98611	-4.99380	-14.96601	.00386	300.73434
3.900	.612	3.00384	-9.99470	4.97770	-5.01700	-14.97241	.00391	300.70226
3.900	2.610	3.00357	-10.01270	4.97250	-5.04020	-14.98519	.00391	300.73434
3.900	4.644	3.00346	-10.00459	4.99339	-5.01120	-14.99798	.00388	300.72632
3.900	6.670	3.00322	-10.01039	4.98759	-5.02280	-14.99798	.00394	300.69424
3.900	8.686	3.00319	-10.03158	4.98558	-5.04600	-15.01716	.00402	300.74236
3.900	12.757	3.00342	-9.97552	4.95852	-5.01700	-14.93405	.00413	300.70226
3.900	16.801	3.00395	-10.01902	4.91502	-5.10400	-14.93405	.00421	300.78246
3.900	20.857	3.00565	-9.98073	4.94053	-5.04020	-14.92126	.00426	300.80651
3.900	24.918	3.00624	-10.05211	4.90751	-5.14460	-14.95962	.00428	300.77444
3.900	28.983	3.00579	-10.00080	4.97800	-5.02280	-14.97880	.00427	300.63009
3.900	33.058	3.00581	-10.02258	4.98818	-5.03440	-15.01076	.00416	300.75038



LA75 TABULATED SAUCE DATA

PAGE 268

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM068)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 81/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.018	3.00204	-10.02548	4.98528	-5.04020	-15.01076	.00278	235.44732
4.600	-1.018	3.00138	-9.99905	5.00529	-4.99380	-15.00437	.00278	235.51409
4.600	1.015	3.00112	-10.00779	4.99659	-5.01120	-15.00437	.00278	235.44732
4.600	2.998	3.00083	-10.01619	4.98179	-5.03440	-14.99798	.00278	235.51409
4.600	5.025	3.00070	-10.02199	4.97599	-5.04600	-14.99798	.00276	235.51409
4.600	7.040	3.00049	-10.02489	4.97309	-5.05180	-14.99798	.00278	235.51409
4.600	9.075	3.00044	-10.02489	4.97309	-5.05180	-14.99798	.00282	235.51409
4.600	13.124	3.00054	-10.00459	4.99339	-5.01120	-14.99798	.00289	235.44732
4.600	17.125	3.00090	-10.03619	4.95539	-5.08080	-14.99158	.00290	235.51409
4.600	21.188	3.00172	-10.02459	4.96699	-5.05760	-14.99158	.00296	235.51409
4.600	25.222	3.00174	-10.00400	4.98120	-5.02280	-14.99519	.00299	235.44732
4.600	29.293	3.00210	-10.02459	4.96699	-5.05760	-14.99158	.00297	235.51409
4.600	33.355	3.00188	-10.03099	4.97339	-5.05760	-15.00437	.00292	235.51409

## LA75 TABULATED SAOUCE DATA

PAGE 269

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM069)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 84/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.340	-.02082	.02149	-.00409	.01740	.02557	.00627	396.71325
2.860	-2.289	-.02028	.02498	-.01338	.01160	.03836	.00645	395.55788
2.860	-.279	-.02014	.01918	-.01918	.00000	.03836	.00652	395.09574
2.860	1.749	-.02004	.01948	-.02528	-.00580	.04475	.00656	394.82615
2.860	3.777	-.01989	.02297	-.03457	-.01160	.05754	.00670	394.82615
2.860	5.820	-.01981	.01717	-.04037	-.02320	.05754	.00685	394.90318
2.860	7.826	-.01999	.01196	-.05836	-.04640	.07032	.00697	395.26904
2.860	11.941	-.01947	-.03882	-.07718	-.11600	.03836	.00723	395.07648
2.860	15.987	-.01891	-.04623	.07523	.02900	-.12147	.00751	395.34607
2.860	20.069	-.01818	-.00171	-.02729	-.02900	.02557	.00759	395.30755
2.860	24.168	-.01813	-.00544	-.07576	-.08120	.07032	.00750	395.24978
2.860	28.255	-.01782	-.03220	-.02580	-.05800	-.00639	.00753	395.26904
2.860	32.305	-.01767	-.11649	.08169	-.03480	-.19818	.00752	395.69267

RUN NO. 90/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.579	-.02172	.00989	-.01569	-.00580	.02557	.00386	300.63009
3.900	.352	-.02150	.01308	-.01888	-.00580	.03197	.00395	300.17298
3.900	2.386	-.02143	.01628	-.02208	-.00580	.03836	.00396	300.52584
3.900	4.387	-.02148	.01018	-.02178	-.01160	.03197	.00397	300.41356
3.900	6.428	-.02152	.01018	-.02178	-.01160	.03197	.00405	300.63009
3.900	8.474	-.02151	.01078	-.03398	-.02320	.04475	.00407	300.52584
3.900	12.502	-.02116	.02185	-.07405	-.05220	.09590	.00416	300.50980
3.900	16.534	-.02057	-.03539	-.02261	-.05800	-.01279	.00427	300.48574
3.900	20.585	-.01995	-.04966	.02066	-.02900	-.07032	.00424	300.47772
3.900	28.754	-.01945	.01249	-.00669	.00580	.01918	.00429	300.83057
3.900	32.832	-.01947	-.00142	-.03338	-.03480	.03197	.00429	300.73434

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJM069)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 SDFLAP = .000

RUN NO. 96/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.251	-.02079	-.03019	-.00461	-.03480	-.02557	.00284	235.80722
4.600	-1.275	-.02053	-.03338	-.00142	-.03480	-.03197	.00286	235.60692
4.600	.775	-.02046	-.01368	.03108	.01740	-.04475	.00286	235.60692
4.600	2.776	-.02054	-.02297	.03457	.01160	-.05754	.00284	235.60692
4.600	4.781	-.02050	-.03197	.03197	.00000	-.06393	.00286	235.60692
4.600	6.807	-.02040	-.02468	.00728	-.01740	-.03197	.00291	235.54016
4.600	8.821	-.02044	-.03338	-.00142	-.03480	-.03197	.00293	235.54016
4.600	12.869	-.02000	-.01279	.01279	.00000	-.02557	.00298	235.54016
4.600	16.889	-.01952	-.02669	-.01391	-.04060	-.01279	.00305	235.54016
4.600	20.918	-.01926	.00900	.00260	.01160	.00639	.00305	235.47339
4.600	24.966	-.01896	-.01041	-.03599	-.04640	.02557	.00305	235.54016
4.600	29.022	-.01868	-.01420	-.02060	-.03480	.00639	.00307	235.54016
4.600	33.100	-.01882	-.01480	-.00840	-.02320	-.00639	.00305	235.47339

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## LA75 TABULATED SAUCE DATA

PAGE 271

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH070)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 85/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.350	-.02098	-10.00852	.00932	-9.99920	-10.01783	.00624	395.59639
2.860	-2.298	-.02066	-10.00822	.00322	-10.00500	-10.01144	.00624	395.42309
2.860	-.261	-.02047	-10.01722	.00062	-10.01660	-10.01783	.00632	395.59639
2.860	1.730	-.02025	-10.03580	.00760	-10.02820	-10.04340	.00637	395.63491
2.860	3.775	-.01996	-10.05149	.01749	-10.03400	-10.06897	.00654	395.50011
2.860	5.811	-.01994	-10.01603	-.02377	-10.03980	-9.99226	.00675	395.44235
2.860	7.809	-.02012	-10.00703	-.02117	-10.02820	-9.98587	.00687	395.73119
2.860	11.909	-.01979	-10.00993	-.02407	-10.03400	-9.98587	.00720	395.63491
2.860	15.975	-.01907	-10.03722	-.02578	-10.06300	-10.01144	.00760	395.59639
2.860	20.082	-.01835	-10.02621	-.00199	-10.02820	-10.02422	.00783	395.50011
2.860	24.171	-.01801	-10.01662	-.01158	-10.02820	-10.00504	.00769	395.50011
2.860	28.254	-.01795	-10.01923	-.02057	-10.03980	-9.99865	.00748	395.53863
2.860	32.342	-.01804	-10.02503	-.02637	-10.05140	-9.99865	.00738	395.40383

RUN NO. 91/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.661	-.02173	-10.00703	-.02117	-10.02820	-9.98587	.00383	300.76642
3.900	-1.616	-.02171	-10.01283	-.02697	-10.03980	-9.98587	.00389	300.75840
3.900	.395	-.02152	-10.01573	-.02987	-10.04560	-9.98587	.00389	300.74236
3.900	2.384	-.02148	-9.97513	.01173	-9.96440	-9.98587	.00389	300.73434
3.900	4.452	-.02149	-9.97543	.01683	-9.95860	-9.99226	.00392	300.72632
3.900	6.423	-.02170	-9.98123	.01103	-9.97020	-9.99226	.00400	300.73434
3.900	8.440	-.02168	-9.98153	.01713	-9.96440	-9.99865	.00405	300.73434
3.900	12.481	-.02117	-9.98762	.01742	-9.97020	-10.00504	.00415	300.72632
3.900	16.546	-.02058	-10.00591	.01831	-9.98760	-10.02422	.00426	300.74236
3.900	20.644	-.02006	-10.01781	.01281	-10.00500	-10.03062	.00425	300.70226
3.900	24.662	-.01964	-10.02680	.01021	-10.01660	-10.03701	.00425	300.72632
3.900	28.758	-.01959	-10.03870	.00470	-10.03400	-10.04340	.00425	300.75840
3.900	32.823	-.01944	-10.01603	-.02377	-10.03980	-9.99226	.00420	300.71830

## LA75 TABULATED SAOUCE DATA

PAGE 272

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM070)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = .000 ELEVON = -10.000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 97/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.216	-.02048	-10.01082	-.00578	-10.01660	-10.00504	.00284	235.54016
4.600	-1.231	-.02036	-10.01692	-.00548	-10.02240	-10.01144	.00282	235.54016
4.600	.790	-.02042	-10.01692	-.00548	-10.02240	-10.01144	.00282	235.47339
4.600	2.794	-.02052	-10.02302	-.00518	-10.02820	-10.01783	.00284	235.54016
4.600	4.807	-.02028	-10.02621	-.00199	-10.02820	-10.02422	.00282	235.47339
4.600	6.774	-.02034	-10.02941	.00121	-10.02820	-10.03062	.00286	235.54016
4.600	8.809	-.02039	-10.03290	.01050	-10.02240	-10.04340	.00293	235.54016
4.600	12.832	-.01981	-10.01372	-.00868	-10.02240	-10.00504	.00303	235.47339
4.600	16.884	-.01947	-10.01372	-.00868	-10.02240	-10.00504	.00308	235.54016
4.600	20.913	-.01908	-10.01982	-.00838	-10.02820	-10.01144	.00307	235.47339
4.600	24.994	-.01891	-10.02562	-.01418	-10.03980	-10.01144	.00310	235.54016
4.600	29.048	-.01872	-10.00242	.00902	-9.99340	-10.01144	.00307	235.60692
4.600	33.092	-.01858	-10.00822	.00322	-10.00500	-10.01144	.00303	235.54016

## LA75 TABULATED SAOUCE DATA

PAGE 273

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM071)

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

BETA = .000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 86/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.342	-.02222	-9.97061	4.98261	-4.98800	-14.95323	.00633	395.32681
2.860	-2.295	-.02170	-9.97931	4.97391	-5.00540	-14.95323	.00633	395.65416
2.860	-.277	-.02106	-9.98482	4.96202	-5.02280	-14.94683	.00643	395.55788
2.860	1.754	-.02092	-9.99381	4.95941	-5.03440	-14.95323	.00652	395.69267
2.860	3.782	-.02064	-10.01181	4.95421	-5.05760	-14.96601	.00667	395.75044
2.860	5.825	-.02032	-9.99210	4.98670	-5.00540	-14.97880	.00679	395.73119
2.860	7.864	-.02045	-10.02229	4.98209	-5.04020	-15.00437	.00694	395.76970
2.860	11.906	-.02000	-9.98192	4.96492	-5.01700	-14.94683	.00727	395.67342
2.860	15.978	-.01929	-9.98162	4.95882	-5.02280	-14.94044	.00772	395.80821
2.860	20.059	-.01852	-10.00772	4.93272	-5.07500	-14.94044	.00784	395.80821
2.860	24.149	-.01792	-10.00660	4.97220	-5.03440	-14.97880	.00773	395.98151
2.860	28.255	-.01759	-10.04637	4.97717	-5.06920	-15.02355	.00758	395.82747
2.860	32.335	-.01767	-9.99121	4.96841	-5.02280	-14.95962	.00737	395.34607

RUN NO. 92/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.652	-.02232	-9.99879	4.99919	-4.99960	-14.99798	.00386	300.76642
3.900	-1.648	-.02208	-9.99849	4.99309	-5.00540	-14.99158	.00392	300.83057
3.900	.384	-.02199	-10.01649	4.98789	-5.02860	-15.00437	.00393	300.76642
3.900	2.391	-.02187	-10.03477	4.98878	-5.04600	-15.02355	.00394	300.79849
3.900	4.427	-.02185	-10.03247	5.00387	-5.02860	-15.03634	.00396	300.79047
3.900	6.440	-.02169	-10.04466	5.00446	-5.04020	-15.04912	.00400	300.76642
3.900	8.211	-.02157	-10.00169	4.99629	-5.00540	-14.99798	.00407	300.79047
3.900	12.491	-.02134	-9.97589	5.02849	-4.94740	-15.00437	.00419	300.80651
3.900	16.566	-.02054	-10.00199	5.00239	-4.99960	-15.00437	.00429	300.82255
3.900	20.611	-.02008	-10.01039	4.98759	-5.02280	-14.99798	.00427	300.82255
3.900	24.668	-.01985	-9.97790	5.00730	-4.97060	-14.98519	.00427	300.89473
3.900	28.755	-.01943	-10.00139	4.99019	-5.01120	-14.99158	.00427	300.82255
3.900	32.817	-.01940	-10.01009	4.98149	-5.02860	-14.99158	.00423	300.83057

## LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43FBM16N28R5V8W

(SJM071)

## PARAMETRIC DATA

BETA	=	.000	ELEVON	=	-10.000
AILRON	=	5.000	SPDBRK	=	82.500
RUDDER	=	-10.000	BDFLAP	=	.000

## REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.7000	IN. XO
LREF	=	474.8000	INCHES	YMRP	=	.0000	IN. YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN. ZO
SCALE	=	.0150					

RUN NO. 98/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.258	-.02090	-9.99240	4.99280	-4.99960	-14.98519	.00286	235.47339
4.600	-1.245	-.02078	-10.01039	4.98759	-5.02280	-14.99798	.00286	235.47339
4.600	.775	-.02066	-9.96719	5.03719	-4.93000	-15.00437	.00284	235.47339
4.600	2.792	-.02053	-10.02027	5.00328	-5.01700	-15.02355	.00282	235.54016
4.600	4.788	-.02034	-10.02897	4.99457	-5.03440	-15.02355	.00284	235.54016
4.600	6.793	-.02042	-10.00347	5.03287	-4.97060	-15.03634	.00289	235.54016
4.600	8.811	-.02049	-10.00897	5.02097	-4.98800	-15.02994	.00293	235.54016
4.600	12.853	-.01989	-9.99530	4.98990	-5.00540	-14.98519	.00301	235.54016
4.600	16.901	-.01947	-10.00980	4.97540	-5.03440	-14.98519	.00308	235.54016
4.600	20.947	-.01921	-9.97180	5.00700	-4.96480	-14.97880	.00308	235.54016
4.600	24.964	-.01876	-9.99500	4.98380	-5.01120	-14.97880	.00308	235.60692
4.600	29.036	-.01880	-9.99790	4.98090	-5.01700	-14.97880	.00310	235.60692
4.600	33.111	-.01869	-10.00340	4.96900	-5.03440	-14.97241	.00307	235.54016

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM072)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 87/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-4.337	3.01147	-9.96860	5.00380	-4.96480	-14.97241	.00644	395.67342
2.860	-2.297	3.01071	-9.97180	5.00700	-4.96490	-14.97880	.00652	395.57714
2.860	-.277	3.01004	-9.98109	5.01049	-4.97060	-14.99158	.00661	395.90449
2.860	1.734	3.00975	-9.92675	4.95615	-4.97060	-14.88290	.00673	395.42309
2.860	3.787	3.00964	-9.93575	4.95355	-4.98220	-14.88930	.00675	395.80821
2.860	5.818	3.00960	-9.93285	4.95645	-4.97640	-14.88930	.00685	395.51937
2.860	7.844	3.00967	-9.92705	4.96225	-4.96480	-14.88930	.00698	395.59639
2.860	11.916	3.01029	-9.96735	4.91555	-5.05180	-14.88290	.00740	395.67342
2.860	16.005	3.01206	-9.95025	4.93905	-5.01120	-14.88930	.00764	395.59639
2.860	20.088	3.01463	-10.00601	4.96001	-5.04600	-14.96601	.00776	395.61565
2.860	24.179	3.01628	-10.02087	5.01547	-5.00540	-15.03634	.00782	395.67342
2.860	28.221	3.01699	-9.99760	4.97480	-5.02280	-14.97241	.00775	395.78895
2.860	32.343	3.01652	-10.02051	4.94551	-5.07500	-14.96601	.00747	395.75044

RUN NO. 93/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-3.651	3.00246	-9.98920	4.98960	-4.99960	-14.97880	.00394	300.78246
3.900	-1.639	3.00212	-9.99210	4.98670	-5.00540	-14.97880	.00394	300.83859
3.900	.364	3.00159	-9.99180	4.98060	-5.01120	-14.97241	.00397	300.77444
3.900	2.422	3.00113	-9.99151	4.97451	-5.01700	-14.96601	.00397	300.79849
3.900	4.428	3.00105	-9.97902	4.96782	-5.01120	-14.94683	.00397	300.83057
3.900	6.425	3.00092	-9.97872	4.96172	-5.01700	-14.94044	.00401	300.86265
3.900	8.448	3.00081	-9.97872	4.96172	-5.01700	-14.94044	.00408	300.86265
3.900	12.498	3.00145	-9.98801	4.96521	-5.02280	-14.95323	.00418	300.84661
3.900	16.549	3.00266	-10.00080	4.97800	-5.02280	-14.97880	.00426	300.91878
3.900	20.587	3.00407	-10.01649	4.98789	-5.02860	-15.00437	.00433	300.87869
3.900	24.685	3.00487	-10.00518	5.00558	-4.99960	-15.01076	.00434	300.86265
3.900	28.748	3.00505	-10.01767	5.01227	-5.00540	-15.02994	.00436	300.87067
3.900	32.837	3.00454	-10.05105	5.01085	-5.04020	-15.06191	.00430	300.85463



## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJH072)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

BETA = 3.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 99/ 0 RN/L = .00

MACH	ALPHA	BETA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-3.261	2.99990	-9.99269	4.99889	-4.99380	-14.99158	.00286	235.54016
4.600	-1.256	2.99913	-9.99299	5.00499	-4.98800	-14.99798	.00286	235.54016
4.600	.772	2.99873	-9.99299	5.00499	-4.98800	-14.99798	.00287	235.54016
4.600	2.752	2.99860	-10.00228	5.00848	-4.99380	-15.01076	.00289	235.60692
4.600	4.785	2.99846	-10.01157	5.01198	-4.99960	-15.02355	.00287	235.54016
4.600	6.813	2.99811	-10.02087	5.01547	-5.00540	-15.03634	.00291	235.54016
4.600	8.825	2.99808	-10.03596	5.01316	-5.02280	-15.04912	.00296	235.54016
4.600	12.868	2.99877	-9.99032	4.95012	-5.04020	-14.94044	.00301	235.47339
4.600	16.918	2.99965	-9.99032	4.95012	-5.04020	-14.94044	.00301	235.60692
4.600	20.927	3.00021	-9.95723	4.95763	-4.99960	-14.91487	.00307	235.54016
4.600	25.006	3.00027	-9.97434	4.93414	-5.04020	-14.90848	.00310	235.60692
4.600	28.999	3.00071	-9.93374	4.97474	-4.95900	-14.90848	.00312	235.60692
4.600	33.099	3.00071	-9.96073	4.96693	-4.99380	-14.92766	.00308	235.60692

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJH073)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 7/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.068	5.79168	-.01078	.03398	.02320	-.04475	.00723	396.63622
2.860	-4.032	5.77450	-.01338	.02498	.01160	-.03836	.00712	396.69399
2.860	-2.019	5.76257	-.01338	.02498	.01160	-.03836	.00712	396.42440
2.860	-.990	5.79134	-.01368	.03108	.01740	-.04475	.00716	396.79027
2.860	-.018	5.79103	-.01658	.02818	.01160	-.04475	.00714	396.48217
2.860	.954	5.78823	-.02267	.02847	.00580	-.05114	.00714	396.50143
2.860	1.965	5.79324	-.02297	.03457	.01160	-.05754	.00714	396.63622
2.860	4.064	5.80988	-.02616	.03776	.01160	-.06393	.00716	396.71325
2.860	6.082	5.82283	-.03197	.03197	.00000	-.06393	.00727	396.46292
2.860	8.100	5.81975	-.03486	.02906	-.00580	-.06393	.00739	396.53994

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## LA75 TABULATED SAOUCE DATA

PAGE 277

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM074)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 8/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.049	11.88575	-.02758	.00438	-.02320	-.03197	.00781	396.59771
2.860	-4.051	11.89207	-.02729	-.00171	-.02900	-.02557	.00779	396.46292
2.860	-2.000	11.88558	-.03019	-.00461	-.03480	-.02557	.00762	396.53994
2.860	-1.028	11.88109	-.02989	-.01071	-.04060	-.01918	.00754	396.57845
2.860	.001	11.88442	-.03019	-.00461	-.03480	-.02557	.00757	396.65548
2.860	.974	11.87632	-.03309	-.00751	-.04060	-.02557	.00757	396.53994
2.860	2.004	11.87896	-.03628	-.00432	-.04060	-.03197	.00762	396.48217
2.860	4.025	11.88823	-.03338	-.00142	-.03480	-.03197	.00774	396.67473
2.860	6.044	11.89010	-.03658	.00178	-.03480	-.03836	.00779	396.48217
2.860	8.081	11.89096	-.03628	-.00432	-.04060	-.03197	.00787	396.71325

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM075)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 9/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.032	20.03661	.01658	-.02818	-.01160	.04475	.00767	396.84672
2.860	-4.033	19.99197	.01948	-.02528	-.00580	.04475	.00779	396.05854
2.860	-2.019	20.01723	.01948	-.02528	-.00580	.04475	.00762	396.07780
2.860	-1.028	20.04916	.01658	-.02818	-.01160	.04475	.00747	396.27036
2.860	-.017	20.04347	.02557	-.02557	.00000	.05114	.00748	396.13556
2.860	1.013	20.05507	.02557	-.02557	.00000	.05114	.00743	396.17408
2.860	2.024	20.04293	.02238	-.02238	.00000	.04475	.00749	395.98151
2.860	4.028	20.05158	.01948	-.02528	-.00580	.04475	.00773	396.09705
2.860	6.085	20.05684	.01948	-.02528	-.00580	.04475	.00772	396.17408
2.860	8.085	20.04226	.01658	-.02818	-.01160	.04475	.00789	396.09705

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM076)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 283/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.10699	.00231	.01509	.01740	-.01279	.00789	395.82747
2.860	-4.034	20.06407	-.00669	.01249	.00580	-.01918	.00798	395.80821
2.860	-2.002	20.04505	-.00030	.00610	.00580	-.00639	.00788	395.67342
2.860	-1.010	20.03666	-.00320	.00320	.00000	-.00639	.00780	395.73119
2.860	-.018	20.02803	-.00320	.00320	.00000	-.00639	.00777	395.80821
2.860	.993	20.02891	-.00320	.00320	.00000	-.00639	.00767	395.78895
2.860	1.984	20.02547	.00000	.00000	.00000	-.00639	.00770	395.76970
2.860	4.026	20.04448	-.00320	.00320	.00000	-.00639	.00796	395.84672
2.860	6.065	20.03906	-.00030	.00610	.00580	-.00639	.00794	395.71193
2.860	8.084	20.02765	-.00030	.00610	.00580	-.00639	.00812	395.88523

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM077)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 10/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.072	32.33932	-.03256	.04416	.01160	-.07672	.00768	396.40515
2.860	-4.034	32.31809	-.03546	.04126	.00580	-.07672	.00770	396.05854
2.860	-2.001	32.30132	-.03256	.04416	.01160	-.07672	.00773	396.27036
2.860	-1.009	32.29513	-.03546	.04126	.00580	-.07672	.00781	396.34738
2.860	.001	32.30884	-.03546	.04126	.00580	-.07672	.00774	396.00077
2.860	.995	32.30550	-.03546	.04126	.00580	-.07672	.00777	396.25110
2.860	1.987	32.30591	-.03865	.04445	.00580	-.08311	.00774	396.03928
2.860	4.029	32.33142	-.03256	.04416	.01160	-.07672	.00771	396.13556
2.860	6.050	32.32383	-.02995	.05315	.02320	-.08311	.00773	396.02003
2.860	8.069	32.30101	-.02386	.05286	.02900	-.07672	.00780	396.19333

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH078)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 14/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.050	5.78708	-10.02347	5.00647	-5.01700	-15.02994	.00714	396.21259
2.860	-4.051	5.80397	-10.02347	5.00647	-5.01700	-15.02994	.00692	396.15482
2.860	-2.020	5.79687	-10.02347	5.00647	-5.01700	-15.02994	.00685	396.30867
2.860	-1.009	5.79423	-10.02957	5.00677	-5.02280	-15.03634	.00690	396.25110
2.860	.000	5.79625	-10.03247	5.00387	-5.02860	-15.03634	.00694	396.05854
2.860	.993	5.79600	-10.02667	5.00967	-5.01700	-15.03634	.00698	396.40515
2.860	2.022	5.79803	-10.03276	5.00996	-5.02280	-15.04273	.00700	396.32812
2.860	4.063	5.81511	-10.02986	5.01286	-5.01700	-15.04273	.00709	396.11631
2.860	6.081	5.84302	-10.02347	5.00647	-5.01700	-15.02994	.00721	396.42440
2.860	8.099	5.80301	-10.01968	4.99108	-5.02860	-15.01076	.00734	396.28961

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH079)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 13/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.068	11.90252	-10.02377	5.01257	-5.01120	-15.03634	.00763	396.19333
2.860	-4.012	11.88501	-10.01767	5.01227	-5.00540	-15.02994	.00760	396.30887
2.860	-1.963	11.88487	-10.02377	5.01257	-5.01120	-15.03634	.00755	396.32812
2.860	-1.009	11.87984	-10.02696	5.01576	-5.01120	-15.04273	.00746	396.27036
2.860	.000	11.88507	-10.02986	5.01286	-5.01700	-15.04273	.00746	396.36664
2.860	.954	11.87737	-10.03016	5.01896	-5.01120	-15.04912	.00740	396.25110
2.860	1.984	11.87717	-10.03306	5.01606	-5.01700	-15.04912	.00749	396.07780
2.860	4.043	11.89163	-10.03626	5.01926	-5.01700	-15.05552	.00760	396.27036
2.860	6.082	11.88812	-10.03626	5.01926	-5.01700	-15.05552	.00766	396.25110
2.860	8.118	11.89761	-10.04235	5.01955	-5.02280	-15.06191	.00780	396.27036

## LA75 TABULATED SAOUCE DATA

PAGE 280

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH080)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 12/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.051	20.05936	-9.98020	4.99220	-4.98800	-14.97241	.00781	396.09705
2.860	-4.033	20.01468	-9.98950	4.99570	-4.99380	-14.98519	.00788	395.82747
2.860	-1.962	19.99131	-9.99559	4.99599	-4.99960	-14.99158	.00783	396.07780
2.860	-1.009	20.05731	-9.99879	4.99919	-4.99960	-14.99798	.00775	396.11631
2.860	-.017	20.04936	-9.99559	4.99599	-4.99960	-14.99158	.00777	396.25110
2.860	.956	20.04877	-9.99559	4.99599	-4.99960	-14.99158	.00771	396.15482
2.860	2.024	20.05483	-9.99559	4.99599	-4.99960	-14.99158	.00766	396.09705
2.860	4.027	20.06008	-10.00489	4.99949	-5.00540	-15.00437	.00790	396.17408
2.860	6.047	20.05917	-10.00808	5.00268	-5.00540	-15.01076	.00770	396.17408
2.860	8.104	20.05891	-10.01447	5.00907	-5.00540	-15.02355	.00784	396.07780

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH081)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 282/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.04272	-9.99820	4.98700	-5.01120	-14.98519	.00792	395.80821
2.860	-4.034	20.01279	-9.99530	4.98990	-5.00540	-14.98519	.00798	395.96226
2.860	-2.002	20.02611	-10.00429	4.98729	-5.01700	-14.99158	.00799	395.65416
2.860	-1.010	20.00720	-10.01039	4.98759	-5.02280	-14.99798	.00801	395.75044
2.860	-.019	20.00196	-10.00749	4.99049	-5.01700	-14.99798	.00801	395.84672
2.860	.974	19.99843	-10.01069	4.99369	-5.01700	-15.00437	.00794	395.59639
2.860	1.985	19.99813	-10.01069	4.99369	-5.01700	-15.00437	.00787	395.86598
2.860	4.026	20.02047	-10.01388	4.99688	-5.01700	-15.01076	.00798	395.94300
2.860	6.084	20.01757	-10.01708	5.00008	-5.01700	-15.01716	.00790	395.90449
2.860	8.084	20.01182	-10.02317	5.00037	-5.02280	-15.02355	.00801	395.86598

## LA75 TABULATED SAOUCE DATA

PAGE 281

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH082)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 25.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 11/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	32.30279	-10.02957	5.00677	-5.02280	-15.03634	.00759	396.15482
2.860	-4.053	32.31196	-10.02637	5.00357	-5.02280	-15.02994	.00765	396.19333
2.860	-2.001	32.29448	-10.02957	5.00677	-5.02280	-15.03634	.00765	396.38589
2.860	-1.008	32.29224	-10.02957	5.00677	-5.02280	-15.03634	.00765	396.38589
2.860	-.016	32.30742	-10.03247	5.00387	-5.02860	-15.03634	.00762	396.25110
2.860	.976	32.30845	-10.03537	5.00097	-5.03440	-15.03634	.00761	396.19333
2.860	1.988	32.29851	-10.03247	5.00387	-5.02860	-15.03634	.00759	396.03928
2.860	4.030	32.31701	-10.03537	5.00097	-5.03440	-15.03634	.00761	395.98151
2.860	6.069	32.34492	-10.03827	4.99807	-5.04020	-15.03634	.00760	396.13556
2.860	8.106	32.31561	-10.03187	4.99167	-5.04020	-15.02355	.00777	396.42440

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH083)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 107/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.049	17.24549	-.01160	-.01160	-.02320	.00000	.00765	395.75044
2.860	-4.031	17.22051	-.01130	-.01770	-.02900	.00639	.00793	395.48086
2.860	-2.000	17.19615	-.01420	-.02060	-.03480	.00639	.00793	395.51937
2.860	-1.008	17.19409	-.01130	-.01770	-.02900	.00639	.00789	395.73119
2.860	-.017	17.17761	-.02409	-.00491	-.02900	-.01918	.00786	395.53863
2.860	.975	17.17453	-.02379	-.01101	-.03480	-.01279	.00800	395.71193
2.860	2.005	17.17982	-.02699	-.00781	-.03480	-.01918	.00800	395.48086
2.860	4.026	17.19599	-.02669	-.01391	-.04060	-.01279	.00799	395.59639
2.860	6.065	17.20122	-.02379	-.01101	-.03480	-.01279	.00785	395.63491
2.860	8.083	17.20878	-.02989	-.01071	-.04060	-.01918	.00799	395.69267

## LA75 TABULATED SAUCE DATA

PAGE 282

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH083)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPOBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 113/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	20.65953	-.02060	-.01420	-.03480	-.00639	.00447	300.73434
3.900	-4.021	20.62807	-.01770	-.01130	-.02900	-.00639	.00449	300.71028
3.900	-1.995	20.60845	-.01450	-.01450	-.02900	.00000	.00447	300.74236
3.900	-1.006	20.60603	-.03309	-.00751	-.04060	-.02557	.00437	300.72632
3.900	-.018	20.60054	-.03628	-.00432	-.04060	-.03197	.00436	300.74236
3.900	.991	20.59745	-.03628	-.00432	-.04060	-.03197	.00437	300.75038
3.900	1.979	20.61191	-.03628	-.00432	-.04060	-.03197	.00438	300.70226
3.900	4.015	20.59998	-.03918	-.00722	-.04640	-.03197	.00444	300.64613
3.900	6.067	20.61435	-.03628	-.00432	-.04060	-.03197	.00449	300.66216
3.900	8.061	20.60559	-.03309	-.00751	-.04060	-.02557	.00459	300.70226

RUN NO. 120/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.025	20.97937	.01018	-.02178	-.01160	.03197	.00333	235.35207
4.600	-4.016	20.96199	.00119	-.02439	-.02320	.02557	.00335	235.28531
4.600	-1.992	20.95039	.00438	-.02758	-.02320	.03197	.00333	235.28531
4.600	-1.005	20.95032	.00148	-.03048	-.02900	.03197	.00328	235.28531
4.600	-.018	20.93549	-.00171	-.02729	-.02900	.02557	.00322	235.35207
4.600	.970	20.93533	-.00171	-.02729	-.02900	.02557	.00322	235.28531
4.600	1.977	20.94427	-.00171	-.02729	-.02900	.02557	.00322	235.35207
4.600	4.048	20.89899	-.00751	-.03309	-.04060	.02557	.00326	235.35207
4.600	6.039	20.94405	-.00461	-.03019	-.03480	.02557	.00333	235.35207
4.600	8.030	20.93189	-.00781	-.02699	-.03480	.01918	.00335	235.35207

## LA75 TABULATED SAOUCE DATA

PAGE 283

LARC UPWT 1173(LA75)1826C9E43F8M16N28R5V8W

(SJH084)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 106/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.049	17.23910	-9.98340	4.99540	-4.99800	-14.97880	.00784	395.21127
2.860	-4.032	17.20938	-9.99269	4.99889	-4.99380	-14.99158	.00801	395.80821
2.860	-2.000	17.18304	-9.99589	5.00209	-4.99380	-14.99798	.00802	395.73119
2.860	-1.009	17.17512	-9.99589	5.00209	-4.99380	-14.99798	.00800	395.88523
2.860	-.017	17.16943	-9.98950	4.99570	-4.99380	-14.99519	.00793	395.71193
2.860	.975	17.16359	-9.98920	4.98960	-4.99960	-14.97880	.00796	395.28830
2.860	2.004	17.16094	-9.98600	4.98640	-4.99960	-14.97241	.00797	395.46160
2.860	4.026	17.17385	-9.97641	4.97681	-4.99960	-14.95323	.00803	395.51937
2.860	6.064	17.18221	-9.97292	4.96752	-5.00540	-14.94044	.00782	395.71193
2.860	8.083	17.18666	-9.96653	4.96113	-5.00540	-14.92766	.00790	395.65416

RUN NO. 114/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.034	20.64547	-9.99388	5.02328	-4.97060	-15.01716	.00451	300.74236
3.900	-4.041	20.60817	-10.00027	5.02967	-4.97060	-15.02994	.00452	300.75038
3.900	-1.976	20.59708	-10.00027	5.02967	-4.97060	-15.02994	.00449	300.65415
3.900	-1.025	20.58635	-10.00347	5.03287	-4.97060	-15.03634	.00447	300.55791
3.900	-.018	20.58072	-9.95872	4.98812	-4.97060	-14.94683	.00440	300.68622
3.900	.990	20.58995	-9.95872	4.98812	-4.97060	-14.94683	.00440	300.69424
3.900	1.979	20.58632	-9.96801	4.99161	-4.97640	-14.95962	.00442	300.70226
3.900	4.015	20.57745	-9.96801	4.99161	-4.97640	-14.95962	.00448	300.59801
3.900	6.067	20.59162	-9.96191	4.99131	-4.97060	-14.95323	.00452	300.70226
3.900	8.060	20.57687	-9.96191	4.99131	-4.97060	-14.95323	.00459	300.61405

RUN NO. 119/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.025	20.93534	-9.98310	4.98930	-4.99380	-14.97241	.00326	235.41884
4.600	-4.016	20.92414	-9.98920	4.98960	-4.99960	-14.97880	.00329	235.35207
4.600	-2.107	20.91877	-9.98920	4.98960	-4.99960	-14.97880	.00328	235.28531
4.600	-1.005	20.91013	-9.98920	4.98960	-4.99960	-14.97880	.00326	235.28531
4.600	-.018	20.93282	-9.98920	4.98960	-4.99960	-14.97880	.00326	235.28531
4.600	.951	20.93015	-9.99240	4.99280	-4.99960	-14.98519	.00326	235.28531
4.600	1.996	20.93580	-9.99240	4.99280	-4.99960	-14.98519	.00326	235.35207
4.600	4.029	20.92695	-9.98920	4.98960	-4.99960	-14.97880	.00329	235.28531
4.600	6.039	20.92419	-9.99530	4.98990	-5.00540	-14.98519	.00333	235.35207
4.600	8.030	20.92383	-9.99210	4.98670	-5.00540	-14.97880	.00335	235.35207



## LA75 TABULATED SAOUCE DATA

PAGE 284

LARC UPWT 1173(LA75)B26C9E43F8M16N2BR5V8W

(SJM085)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 126/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.05501	.00498	-.03978	-.03480	.04475	.00811	395.96226
2.860	-4.034	20.05120	.01747	-.04646	-.02900	.06393	.00826	395.80821
2.860	-2.002	20.05019	.01717	-.04037	-.02320	.05754	.00804	395.96226
2.860	-1.010	20.05071	.01427	-.04327	-.02900	.05754	.00801	395.69267
2.860	-.019	20.08362	-.01598	.01598	.00000	-.03197	.00794	396.07780
2.860	.973	20.06955	-.04788	-.01592	-.06380	-.03197	.00785	395.98151
2.860	1.966	20.04497	-.04498	-.01302	-.05800	-.03197	.00802	395.90449
2.860	4.027	20.06159	-.03889	-.01331	-.05220	-.02557	.00825	395.90449
2.860	6.065	20.08268	-.03309	-.00751	-.04060	-.02557	.00823	396.13556
2.860	8.066	20.06173	-.01829	.00089	-.01740	-.01918	.00847	396.05854

RUN NO. 132/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.054	20.61535	-.06067	-.00313	-.06380	-.05754	.00493	300.86265
3.900	-4.023	20.59649	-.05457	-.00343	-.05800	-.05114	.00491	300.95086
3.900	-1.997	20.61530	-.05138	-.00662	-.05800	-.04475	.00487	300.91077
3.900	-1.008	20.60650	-.03628	-.00432	-.04060	-.03197	.00481	300.91077
3.900	-.020	20.60106	-.03309	-.00751	-.04060	-.02557	.00478	300.89473
3.900	.970	20.60347	-.02959	-.01681	-.04640	-.01279	.00485	300.93482
3.900	1.978	20.60106	-.02669	-.01391	-.04060	-.01279	.00493	300.87067
3.900	4.014	20.59765	-.02669	-.01391	-.04060	-.01279	.00500	300.83859
3.900	6.046	20.60038	-.01770	-.01130	-.02900	-.00639	.00507	300.83859
3.900	8.078	20.60622	-.00290	-.00290	-.00580	.00000	.00511	300.89473

RUN NO. 138/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.026	20.94710	-.02699	-.00781	-.03480	-.01918	.00384	235.62260
4.600	-3.997	20.93281	-.02409	-.00491	-.02900	-.01918	.00382	235.75613
4.600	-1.993	20.94829	-.02119	-.00201	-.02320	-.01918	.00377	235.75613
4.600	-1.006	20.94259	-.01799	-.00521	-.02320	-.01279	.00377	235.82290
4.600	.000	20.94542	-.01190	-.00550	-.01740	-.00639	.00382	235.88966
4.600	.969	20.93652	-.01190	-.00550	-.01740	-.00639	.00388	235.88966
4.600	1.995	20.93336	-.00900	-.00260	-.01160	-.00639	.00391	235.95643
4.600	4.009	20.92229	-.00610	.00030	-.00580	-.00639	.00396	235.95643
4.600	6.039	20.92782	.00000	.00000	.00000	.00000	.00395	236.08996
4.600	8.048	20.93060	.01160	.01160	.02320	.00000	.00393	236.15672

REPRODUCIBILITY OF THE  
 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 285

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM086)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 39.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 125/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.070	20.04918	-9.97500	5.01020	-4.96480	-14.98519	.00824	395.65416
2.860	-4.014	20.05789	-9.97790	5.00730	-4.97060	-14.98519	.00833	396.07780
2.860	-2.001	20.03975	-9.98109	5.01049	-4.97060	-14.99158	.00831	395.59639
2.860	-.991	20.02952	-9.97790	5.00730	-4.97060	-14.98519	.00831	396.03928
2.860	-.018	20.03265	-9.98109	5.01049	-4.97060	-14.99158	.00831	395.69267
2.860	.974	20.04940	-9.98109	5.01049	-4.97060	-14.99158	.00819	395.63491
2.860	2.023	20.05820	-9.98429	5.01369	-4.97060	-14.99798	.00810	396.00077
2.860	4.045	20.07248	-9.98429	5.01369	-4.97060	-14.99798	.00828	395.78895
2.860	6.084	20.05116	-9.98459	5.01979	-4.96480	-15.00437	.00817	395.94300
2.860	8.065	20.04539	-9.99388	5.02328	-4.97060	-15.01716	.00832	396.23184

RUN NO. 131/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.054	20.59766	-9.96570	5.00670	-4.95900	-14.97241	.00493	300.87067
3.900	-4.023	20.57627	-9.96280	5.00960	-4.95320	-14.97241	.00493	300.86265
3.900	-1.978	20.58995	-9.96890	5.00990	-4.95900	-14.97880	.00494	300.89473
3.900	-1.008	20.58149	-9.97150	5.00090	-4.97060	-14.97241	.00491	300.79047
3.900	-.019	20.60135	-9.98020	4.99220	-4.98800	-14.97241	.00484	300.84661
3.900	.950	20.59868	-9.97061	4.98261	-4.98800	-14.95323	.00482	300.85463
3.900	1.978	20.59889	-9.97032	4.97652	-4.99380	-14.94683	.00485	300.94284
3.900	4.052	20.59546	-9.97032	4.97652	-4.99380	-14.94683	.00491	300.81453
3.900	6.046	20.60418	-9.97641	4.97681	-4.99960	-14.95323	.00495	300.84661
3.900	8.078	20.60699	-9.96712	4.97332	-4.99380	-14.94044	.00502	300.90275

RUN NO. 137/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.045	20.94488	-9.98689	5.00469	-4.98220	-14.99158	.00389	236.22349
4.600	-4.036	20.93098	-9.99009	5.00789	-4.98220	-14.99798	.00386	236.35702
4.600	-2.012	20.91742	-9.99009	5.00789	-4.98220	-14.99798	.00388	236.42378
4.600	-1.005	20.94019	-9.99299	5.00499	-4.98800	-14.99798	.00384	236.49055
4.600	-.018	20.93723	-9.99299	5.00499	-4.98800	-14.99798	.00381	236.62408
4.600	.950	20.93184	-9.99299	5.00499	-4.98800	-14.99798	.00381	236.62408
4.600	1.995	20.93151	-9.99619	5.00819	-4.98800	-15.00437	.00381	236.62408
4.600	4.028	20.93143	-9.99619	5.00819	-4.98800	-15.00437	.00386	236.69085
4.600	6.039	20.92311	-9.99909	5.00529	-4.99380	-15.00437	.00389	236.62408
4.600	8.048	20.92583	-9.99909	5.00529	-4.99380	-15.00437	.00393	236.49055

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH087)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 274/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.024	6.79726	.03078	-.00758	.02320	.03836	.00311	235.03950
4.600	-4.015	6.78598	.02788	-.01048	.01740	.03836	.00311	235.17303
4.600	-1.991	6.77507	.02498	-.01338	.01160	.03836	.00314	235.03950
4.600	-1.004	6.77049	.02498	-.01338	.01160	.03836	.00312	235.10627
4.600	-.017	6.76848	.02498	-.01338	.01160	.03836	.00314	235.10627
4.600	.970	6.76338	.02208	-.01628	.00580	.03836	.00312	235.17303
4.600	1.996	6.76336	.01628	-.02208	-.00580	.03836	.00312	235.17303
4.600	4.010	6.76774	.01598	-.01598	.00000	.03197	.00311	235.03950
4.600	6.040	6.77931	.01918	-.01918	.00000	.03836	.00314	235.17303
4.600	8.049	6.78407	.01628	-.02208	-.00580	.03836	.00314	235.10627

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH088)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 275/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.023	12.88479	.00438	-.02758	-.02320	.03197	.00321	235.23980
4.600	-4.014	12.87374	.00148	-.03048	-.02900	.03197	.00323	235.23980
4.600	-1.972	12.85834	.00148	-.03048	-.02900	.03197	.00321	235.03950
4.600	-1.003	12.85559	.00438	-.02758	-.02320	.03197	.00319	235.10627
4.600	-.017	12.84523	.00148	-.03048	-.02900	.03197	.00321	235.10627
4.600	.971	12.84527	.00468	-.03368	-.02900	.03836	.00321	235.03950
4.600	2.110	12.84492	.00148	-.03048	-.02900	.03197	.00321	235.17303
4.600	4.009	12.84780	-.00142	-.03338	-.03480	.03197	.00321	235.23980
4.600	6.039	12.85582	.00148	-.03048	-.02900	.03197	.00325	235.17303
4.600	8.049	12.86902	.00148	-.03048	-.02900	.03197	.00323	235.10627

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH089)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 276/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	20.98968	.01048	-.02788	-.01740	.03836	.00323	235.17303
4.600	-4.014	20.97815	.00788	-.03688	-.02900	.04475	.00321	235.23980
4.600	-1.991	20.96324	.00468	-.03368	-.02900	.03836	.00323	235.23980
4.600	-1.004	20.95476	.00788	-.03688	-.02900	.04475	.00319	235.03950
4.600	-.017	20.94624	.00468	-.03368	-.02900	.03836	.00314	235.17303
4.600	.971	20.94300	.00788	.03688	-.02900	.04475	.00316	235.17303
4.600	1.978	20.94017	-.00171	-.02729	-.02900	.02557	.00316	235.10627
4.600	4.010	20.93688	.01948	-.02528	-.00580	.04475	.00321	235.17303
4.600	6.059	20.93991	.01658	-.02818	-.01160	.04475	.00325	235.17303
4.600	8.050	20.94301	.01048	-.02788	-.01740	.03836	.00328	235.17303

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH090)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 254/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.069	20.11551	-.01160	-.01160	-.02320	.00000	.00778	395.73119
2.860	-.032	20.07878	-.02119	-.00201	-.02320	-.01918	.00788	395.86598
2.860	-2.000	20.05057	-.02729	-.00171	-.02900	-.02557	.00767	395.71193
2.860	-1.008	20.04939	-.03048	.00148	-.02900	-.03197	.00760	395.84672
2.860	-.016	20.04604	-.03048	.00148	-.02900	-.03197	.00766	395.67342
2.860	.976	20.03531	-.03078	.00758	-.02320	-.03836	.00763	395.90449
2.860	1.987	20.04070	-.03048	.00148	-.02900	-.03197	.00771	395.78895
2.860	4.028	20.05053	-.03048	.00148	-.02900	-.03197	.00789	395.80821
2.860	6.067	20.05008	-.03368	.00468	-.02900	-.03836	.00785	396.05854
2.860	8.086	20.03800	-.03078	.00758	-.02320	-.03836	.00803	395.78895

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH090)

## PARAMETRIC DATA

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 263/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	20.66304	-.04439	-.02521	-.06960	-.01918	.00452	301.03106
3.900	-4.021	20.63812	-.00379	.01539	.01160	-.01918	.00453	301.02304
3.900	-1.995	20.62150	-.00959	.00959	.00000	-.01918	.00450	301.02304
3.900	-1.006	20.61315	-.00959	.00959	.00000	-.01918	.00443	301.06313
3.900	-.018	20.60118	-.00559	.01249	.00580	-.01918	.00439	301.06313
3.900	.972	20.59848	-.01279	.01279	.00000	-.02557	.00438	301.03908
3.900	1.980	20.60132	-.00959	.00959	.00000	-.01918	.00441	301.04709
3.900	4.015	20.60148	-.01859	.00699	-.01160	-.02557	.00448	301.06313
3.900	6.048	20.61020	-.01249	.00669	-.00580	-.01918	.00452	301.02304
3.900	8.061	20.61891	-.01249	.00669	-.00580	-.01918	.00461	301.07115

RUN NO. 276/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	20.98968	.01048	-.02788	-.01740	.03836	.00323	235.17303
4.600	-4.014	20.97815	.00788	-.03688	-.02900	.04475	.00321	235.23980
4.600	-1.991	20.96324	.00468	-.03368	-.02900	.03836	.00323	235.23980
4.600	-1.004	20.95476	.00788	-.03688	-.02900	.04475	.00319	235.03950
4.600	-.017	20.94624	.00468	-.03368	-.02900	.03836	.00314	235.17303
4.600	.971	20.94300	.00788	-.03688	-.02900	.04475	.00316	235.17303
4.600	1.978	20.94017	-.00171	-.02729	-.02900	.02557	.00316	235.10627
4.600	4.010	20.93689	-.01948	-.02528	-.00580	.04475	.00321	235.17303
4.600	6.059	20.93991	.01658	-.02818	-.01160	.04475	.00325	235.17303
4.600	8.050	20.94301	.01048	-.02788	-.01740	.03836	.00328	235.17303

## LA75 TABULATED SAOUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM091)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

RUN NO. 277/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	31.23013	-.01101	-.02379	-.03480	.01279	.00318	235.17303
4.600	-4.014	31.22093	-.00781	-.02699	-.03480	.01918	.00318	235.17303
4.600	-1.991	31.21478	-.00461	-.03019	-.03480	.02557	.00318	235.17303
4.600	-1.004	31.20835	-.00461	-.03019	-.03480	.02557	.00318	235.10627
4.600	-.017	31.19615	-.00461	-.03019	-.03480	.02557	.00318	235.17303
4.600	.971	31.19313	-.00142	-.03338	-.03480	.03197	.00319	235.17303
4.600	1.997	31.18983	-.00142	-.03338	-.03480	.03197	.00319	235.17303
4.600	4.011	31.17050	-.00142	-.03338	-.03480	.03197	.00318	235.10627
4.600	6.040	31.15771	.00178	-.03658	-.03480	.03836	.00319	235.10627
4.600	8.049	31.14725	.00148	-.03048	-.02900	.03197	.00316	235.17303

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM092)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

RUN NO. 249/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.047	5.82745	-9.99530	4.98990	-5.00540	-14.98519	.00716	395.96226
2.860	-4.030	5.81167	-10.00110	4.98410	-5.01700	-14.98519	.00704	396.03928
2.860	-1.999	5.79988	-9.98399	5.00759	-4.97640	-14.99158	.00706	395.71193
2.860	-1.008	5.79715	-9.98080	5.00440	-4.97640	-14.98519	.00707	395.82747
2.860	-.018	5.79032	-9.98050	4.99830	-4.98220	-14.97880	.00711	396.11631
2.860	.974	5.79013	-9.98080	5.00440	-4.97640	-14.98519	.00710	395.88523
2.860	2.004	5.79668	-9.97121	4.99481	-4.97640	-14.96601	.00709	396.00077
2.860	4.044	5.81544	-9.95522	4.97882	-4.97640	-14.93405	.00719	395.94300
2.860	6.062	5.83630	-9.98370	5.00150	-4.98220	-14.98519	.00736	396.21259
2.860	8.080	5.84265	-9.99329	5.01109	-4.98220	-15.00437	.00740	396.03928

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH092)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 259/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.051	6.47143	-9.97032	4.97652	-4.99380	-14.94683	.00435	300.95086
3.900	-4.021	6.45514	-9.97671	4.98291	-4.99380	-14.95962	.00435	301.00700
3.900	-1.995	6.44159	-9.97671	4.98291	-4.99380	-14.95962	.00435	300.95888
3.900	-1.007	6.43412	-9.97671	4.98291	-4.99380	-14.95962	.00432	300.99096
3.900	-.019	6.42936	-9.98251	4.97711	-5.00540	-14.95962	.00434	300.94284
3.900	.970	6.42686	-9.97961	4.98001	-4.99960	-14.95962	.00431	300.95888
3.900	1.978	6.42444	-9.98600	4.98640	-4.99960	-14.97241	.00432	300.95888
3.900	4.013	6.43153	-9.98890	4.98350	-5.00540	-14.97241	.00432	300.99898
3.900	6.045	6.44568	-9.99530	4.98990	-5.00540	-14.98519	.00434	300.97492
3.900	8.058	6.45939	-9.99820	4.98700	-5.01120	-14.98519	.00437	300.99898

RUN NO. 270/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.006	6.86287	-9.98689	5.00469	-4.98220	-14.99158	.00307	235.17303
4.600	-4.015	6.84649	-9.99299	5.00499	-4.98800	-14.99798	.00307	235.17303
4.600	-1.992	6.83725	-9.99299	5.00499	-4.98800	-14.99798	.00307	235.23980
4.600	-1.004	6.83486	-9.99299	5.00499	-4.98800	-14.99798	.00311	235.10627
4.600	-.018	6.82550	-9.99299	5.00499	-4.98800	-14.99798	.00311	235.03950
4.600	.970	6.82542	-9.99299	5.00499	-4.98800	-14.99798	.00311	235.23980
4.600	1.996	6.82051	-9.99299	5.00499	-4.98800	-14.99798	.00311	235.17303
4.600	4.009	6.82235	-9.99619	5.00819	-4.98800	-15.00437	.00309	235.30656
4.600	6.039	6.83426	-9.99009	5.00789	-4.98220	-14.99798	.00309	235.17303
4.600	8.049	6.83878	-9.99938	5.01138	-4.98800	-15.01076	.00311	235.23980

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM093)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPOBRK = 52.700  
 RUDDER = .000 BOFLAP = .000

RUN NO. 250/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.047	11.95520	-10.00199	5.00239	-4.99960	-15.00437	.00763	395.82747
2.860	-4.030	11.93589	-10.00808	5.00268	-5.00540	-15.01076	.00767	396.02003
2.860	-1.999	11.92639	-10.00459	4.99339	-5.01120	-14.99798	.00764	396.36664
2.860	-1.009	11.91809	-10.01388	4.99688	-5.01700	-15.01076	.00761	396.30887
2.860	-.017	11.92990	-10.00139	4.99019	-5.01120	-14.99158	.00757	396.42440
2.860	.994	11.92972	-9.98950	4.99570	-4.99380	-14.98519	.00753	396.11631
2.860	2.004	11.92642	-9.98950	4.99570	-4.99380	-14.98519	.00756	396.23184
2.860	4.025	11.93150	-9.97061	4.98261	-4.98800	-14.95323	.00766	396.34738
2.860	6.063	11.94084	-9.99619	5.00819	-4.98800	-15.00437	.00768	396.27036
2.860	8.080	11.94159	-10.00258	5.01458	-4.98800	-15.01716	.00783	396.17408

RUN NO. 260/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.033	12.53052	-9.98801	4.96521	-5.02280	-14.95323	.00453	300.95086
3.900	-4.021	12.51220	-9.99441	4.97161	-5.02280	-14.96601	.00453	301.02304
3.900	-1.995	12.49957	-9.98571	4.98031	-5.00540	-14.96601	.00450	300.99096
3.900	-1.006	12.49448	-9.99151	4.97451	-5.01700	-14.96601	.00449	300.93482
3.900	-.019	12.48430	-9.98861	4.97741	-5.01120	-14.96601	.00445	300.93482
3.900	.971	12.48180	-9.99180	4.98060	-5.01120	-14.97241	.00445	300.99096
3.900	1.997	12.48898	-9.99500	4.98380	-5.01120	-14.97880	.00445	301.02304
3.900	4.013	12.49765	-9.99470	4.97770	-5.01700	-14.97241	.00449	300.98294
3.900	6.046	12.50502	-9.99790	4.98090	-5.01700	-14.97880	.00450	300.99096
3.900	8.058	12.52132	-9.99500	4.98380	-5.01120	-14.97880	.00453	300.98294

RUN NO. 271/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.023	12.88173	-9.99299	5.00499	-4.98800	-14.99798	.00316	235.17303
4.600	-4.014	12.86840	-9.99299	5.00499	-4.98800	-14.99798	.00316	235.30656
4.600	-1.991	12.85515	-9.98979	5.00179	-4.98800	-14.99158	.00319	235.23980
4.600	-1.004	12.84714	-9.99299	5.00499	-4.98800	-14.99798	.00316	235.37333
4.600	-.017	12.84230	-9.99299	5.00499	-4.98800	-14.99798	.00318	235.64039
4.600	.970	12.84000	-9.99299	5.00499	-4.98800	-14.99798	.00318	235.64039
4.600	2.110	12.83353	-9.99299	5.00499	-4.98800	-14.99798	.00318	235.37333
4.600	4.009	12.84233	-9.99909	5.00529	-4.99380	-15.00437	.00318	235.30656
4.600	6.039	12.85294	-9.99909	5.00529	-4.99380	-15.00437	.00321	235.23980
4.600	8.048	12.86620	-9.99589	5.00209	-4.99380	-14.99798	.00321	235.23980



## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM094)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 251/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.050	20.18467	-10.00169	4.99629	-5.00540	-14.99798	.00787	396.28961
2.860	-4.032	20.15116	-10.00489	4.99949	-5.00540	-15.00437	.00792	396.34738
2.860	-2.000	20.12631	-10.01098	4.99978	-5.01120	-15.01076	.00790	396.30887
2.860	-1.008	20.11735	-10.00808	5.00268	-5.00540	-15.01076	.00791	396.21259
2.860	-.016	20.10659	-10.01098	4.99978	-5.01120	-15.01076	.00795	396.50143
2.860	.976	20.09780	-10.01128	5.00588	-5.00540	-15.01716	.00789	396.40515
2.860	2.006	20.10640	-10.01128	5.00588	-5.00540	-15.01716	.00783	396.46292
2.860	4.028	20.11363	-10.01737	5.00618	-5.01120	-15.02355	.00792	396.32812
2.860	6.086	20.10743	-10.01767	5.01227	-5.00540	-15.02994	.00785	396.38589
2.860	8.086	20.10672	-10.01767	5.01227	-5.00540	-15.02994	.00800	396.50143

RUN NO. 261/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.034	20.68662	-10.00169	4.99629	-5.00540	-14.99798	.00454	301.01502
3.900	-4.022	20.67362	-10.00139	4.99019	-5.01120	-14.99158	.00457	300.98294
3.900	-1.976	20.65087	-9.99820	4.98700	-5.01120	-14.98519	.00452	300.96690
3.900	-1.007	20.64233	-10.00110	4.98410	-5.01700	-14.98519	.00446	301.08719
3.900	-.018	20.63375	-9.98861	4.97741	-5.01120	-14.98601	.00443	301.02304
3.900	.971	20.63084	-9.98251	4.97711	-5.00540	-14.95962	.00441	301.03908
3.900	2.017	20.63042	-9.98221	4.97101	-5.01120	-14.95323	.00442	300.99898
3.900	4.015	20.63350	-9.98541	4.97421	-5.01120	-14.95962	.00449	301.03908
3.900	6.047	20.63665	-9.98541	4.97421	-5.01120	-14.95962	.00453	300.99898
3.900	8.060	20.64793	-9.97612	4.97072	-5.00540	-14.94683	.00463	300.97492

RUN NO. 272/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	20.98964	-9.99530	4.98990	-5.00540	-14.98519	.00321	235.17303
4.600	-4.014	20.97484	-9.99530	4.98990	-5.00540	-14.98519	.00321	235.30656
4.600	-1.991	20.95799	-9.99849	4.99309	-5.00540	-14.99158	.00319	235.17303
4.600	-1.004	20.95185	-9.99820	4.98700	-5.01120	-14.98519	.00318	235.30656
4.600	-.017	20.94271	-9.99849	4.99309	-5.00540	-14.99158	.00312	235.10627
4.600	.990	20.93423	-9.99849	4.99309	-5.00540	-14.99158	.00318	235.03950
4.600	1.978	20.93415	-9.99530	4.98990	-5.00540	-14.98519	.00318	235.23980
4.600	4.010	20.93119	-9.99849	4.99309	-5.00540	-14.99158	.00318	235.10627
4.600	6.040	20.93710	-9.99849	4.99309	-5.00540	-14.99158	.00325	235.10627
4.600	8.049	20.94617	-9.99849	4.99309	-5.00540	-14.99158	.00326	235.17303

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 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 293

LARC UPWT 1173(LA75)B26C9E43F6M16N26R5V8M

(SJH095)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 253/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.070	30.42243	-10.00779	4.99659	-5.01120	-15.00437	.00797	395.71193
2.860	-4.033	30.35885	-10.00489	4.99949	-5.00540	-15.00437	.00786	395.80821
2.860	-2.000	30.34169	-10.00459	4.99339	-5.01120	-14.99798	.00774	395.73119
2.860	-1.008	30.33268	-10.01069	4.99369	-5.01700	-15.00437	.00762	395.78895
2.860	-.016	30.33304	-9.99500	4.98380	-5.01120	-14.97880	.00763	395.75044
2.860	.977	30.32341	-9.99620	4.98700	-5.01120	-14.98519	.00764	395.82747
2.860	2.008	30.32021	-9.99790	4.98090	-5.01700	-14.97880	.00772	395.82747
2.860	4.031	30.31047	-9.99180	4.98060	-5.01120	-14.97241	.00790	395.61565
2.860	6.089	30.30084	-9.98541	4.97421	-5.01120	-14.95962	.00799	395.73119
2.860	8.089	30.27874	-9.97612	4.97072	-5.00540	-14.94683	.00803	395.78895

RUN NO. 262/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.035	30.85122	-9.99240	4.99280	-4.99960	-14.98519	.00443	301.00700
3.900	-4.022	30.84658	-9.99559	4.99599	-4.99960	-14.99158	.00442	301.01502
3.900	-1.995	30.82893	-9.99269	4.99889	-4.99380	-14.99158	.00441	301.07917
3.900	-1.006	30.82648	-9.99589	5.00209	-4.99380	-14.99798	.00442	301.02304
3.900	-.018	30.82353	-9.99589	5.00209	-4.99380	-14.99798	.00443	301.05511
3.900	.972	30.81398	-9.99269	4.99889	-4.99380	-14.99158	.00442	301.01502
3.900	1.980	30.81141	-9.99299	5.00499	-4.98800	-14.99798	.00443	301.04709
3.900	4.016	30.80515	-9.99299	5.00499	-4.98800	-14.99798	.00446	301.03106
3.900	6.049	30.79592	-9.99589	5.00209	-4.99380	-14.99798	.00449	301.03106
3.900	8.062	30.78006	-9.99589	5.00209	-4.99380	-14.99798	.00452	301.01502

RUN NO. 273/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	31.22161	-10.00489	4.99949	-5.00540	-15.00437	.00311	235.03950
4.600	-3.996	31.21002	-10.00808	5.00268	-5.00540	-15.01076	.00311	234.97274
4.600	-1.991	31.19401	-10.00808	5.00268	-5.00540	-15.01076	.00309	235.17303
4.600	-1.004	31.19437	-10.01418	5.00298	-5.01120	-15.01716	.00311	235.10627
4.600	-.017	31.19099	-10.01128	5.00588	-5.00540	-15.01716	.00312	235.23980
4.600	.971	31.18155	-10.01737	5.00618	-5.01120	-15.02355	.00312	235.17303
4.600	1.978	31.16599	-10.01737	5.00618	-5.01120	-15.02355	.00311	235.23980
4.600	4.010	31.16510	-10.01737	5.00618	-5.01120	-15.02355	.00314	235.17303
4.600	6.040	31.14890	-10.01737	5.00618	-5.01120	-15.02355	.00314	235.17303
4.600	8.050	31.14202	-9.99820	4.98700	-5.01120	-14.98519	.00316	235.23980

## LA75 TABULATED SAOUCE DATA

PAGE 294

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH096)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 6.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 23/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.050	5.82953	-.03658	.00178	-.03480	-.03836	.00710	395.90449
2.860	-4.032	5.80035	-.03628	-.00432	-.04060	-.03197	.00700	395.82747
2.860	-1.983	5.78655	-.03309	-.00751	-.04060	-.02557	.00705	396.02003
2.860	-.992	5.81345	-.03599	-.01041	-.04640	-.02557	.00703	395.86598
2.860	-.020	5.81091	-.03889	-.01331	-.05220	-.02557	.00699	396.07780
2.860	.972	5.81371	-.03279	-.01361	-.04640	-.01918	.00699	395.82747
2.860	2.002	5.81854	-.03599	-.01041	-.04640	-.02557	.00700	395.73119
2.860	4.042	5.80884	-.03599	-.01041	-.04640	-.02557	.00705	395.75044
2.860	6.060	5.80891	-.04208	-.01012	-.05220	-.03197	.00713	395.88523
2.860	8.097	5.82027	-.04208	-.01012	-.05220	-.03197	.00721	395.73119

RUN NO. 40/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.052	6.46065	-.02149	.00409	-.01740	-.02557	.00415	300.92680
3.900	-4.022	6.44522	-.02149	.00409	-.01740	-.02557	.00412	300.97492
3.900	-2.016	6.43660	-.02149	.00409	-.01740	-.02557	.00412	300.95086
3.900	-1.008	6.43184	-.01829	.00089	-.01740	-.01918	.00411	301.02304
3.900	-.020	6.42997	-.02439	.00119	-.02320	-.02557	.00408	300.96690
3.900	.969	6.43046	-.02439	.00119	-.02320	-.02557	.00408	300.95888
3.900	1.996	6.42838	-.02439	.00119	-.02320	-.02557	.00410	300.99898
3.900	4.031	6.43850	-.02119	-.00201	-.02320	-.01918	.00410	301.03106
3.900	6.064	6.45032	-.02729	-.00171	-.02900	-.02557	.00408	300.97492
3.900	8.057	6.43073	-.03338	-.00142	-.03480	-.03197	.00412	301.06313

RUN NO. 56/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.046	6.81854	-.02900	-.02900	-.05800	.00000	.00290	233.40367
4.600	-4.037	6.80225	-.01160	-.01160	-.02320	.00000	.00290	233.47043
4.600	-1.994	6.78215	-.01450	-.01450	-.02900	.00000	.00290	233.47043
4.600	-1.007	6.78515	-.01450	-.01450	-.02900	.00000	.00290	233.47043
4.600	-.020	6.79729	-.01770	-.01130	-.02900	-.00639	.00290	233.47043
4.600	.987	6.79291	-.01740	-.01740	-.02900	.00000	.00292	233.47043
4.600	1.974	6.79525	.02610	.02610	-.03480	.00000	.00292	233.40367
4.600	4.006	6.79546	.00000	.00000	.05220	.00000	.00290	233.47043
4.600	6.036	6.80511	-.00290	-.00290	.00000	.00000	.00290	233.40367
4.600	8.027	6.81715	-.00580	-.00580	-.00580	.00000	.00290	233.40367
					-.01160	.00000	.00290	233.40367

## LA75 TABULATED SAOUCE DATA

PAGE 295

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJH097)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 24/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.049	11.96018	-.02089	-.00811	-.02900	-.01279	.00764	395.80821
2.860	-4.224	11.92219	-.02089	-.00811	-.02900	-.01279	.00762	395.78895
2.860	-2.001	11.90227	-.02699	-.00781	-.03480	-.01918	.00752	395.78895
2.860	-1.010	11.89592	-.02409	-.00491	-.02900	-.01918	.00741	395.84672
2.860	-.019	11.89161	-.02699	-.00781	-.03480	-.01918	.00744	395.80821
2.860	.991	11.89380	-.02699	-.00781	-.03480	-.01918	.00750	395.86598
2.860	1.983	11.88661	-.03309	-.00751	-.04060	-.02557	.00750	395.82747
2.860	4.042	11.90930	-.03628	-.00432	-.04060	-.03197	.00759	395.51937
2.860	6.099	11.90092	-.03918	-.00722	-.04640	-.03197	.00766	395.59639
2.860	8.060	11.90276	-.03918	-.00722	-.04640	-.03197	.00772	395.86598

RUN NO. 41/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.052	12.47789	-.00119	.02439	.02320	-.02557	.00427	300.99898
3.900	-4.022	12.49546	-.00728	.02468	.01740	-.03197	.00425	301.04709
3.900	-2.016	12.48842	-.00728	.02468	.01740	-.03197	.00421	301.00700
3.900	-1.008	12.48672	-.00728	.02468	.01740	-.03197	.00419	301.03106
3.900	-.001	12.48948	-.00728	.02468	.01740	-.03197	.00419	301.01502
3.900	.969	12.48989	-.00119	.02439	.02320	-.02557	.00422	301.04709
3.900	1.996	12.49312	-.00728	.02468	.01740	-.03197	.00425	300.99096
3.900	4.012	12.49083	-.00438	.02758	.02320	-.03197	.00427	301.04709
3.900	6.045	12.49603	-.00438	.02758	.02320	-.03197	.00427	301.06313
3.900	8.057	12.49553	.00461	.03019	.03480	-.02557	.00423	301.01502

RUN NO. 57/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.026	12.86458	-.00550	-.01190	-.01740	.00639	.00302	233.47043
4.600	-4.017	12.85436	-.00550	-.01190	-.01740	.00639	.00301	233.40367
4.600	-1.994	12.83434	-.00231	-.01509	-.01740	.01279	.00299	233.47043
4.600	-.988	12.84026	-.00231	-.01509	-.01740	.01279	.00301	233.47043
4.600	-.020	12.83501	-.00231	-.01509	-.01740	.01279	.00301	233.47043
4.600	.968	12.83293	-.00231	-.01509	-.01740	.01279	.00301	233.47043
4.600	2.031	12.83287	-.00231	-.01509	-.01740	.01279	.00301	233.47043
4.600	4.006	12.83333	-.00231	-.01509	-.01740	.01279	.00301	233.40367
4.600	6.036	12.84100	-.00231	-.01509	-.01740	.01279	.00299	233.47043
4.600	8.027	12.84599	-.00231	-.01509	-.01740	.01279	.00297	233.47043

## LA75 TABULATED SAOUCE DATA

PAGE 296

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH098)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 25/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.070	20.06750	-.03510	-.02870	-.06380	-.00639	.00751	395.84672
2.860	-4.034	20.06156	-.03770	-.03770	-.07540	.00000	.00778	396.05854
2.860	-2.002	20.03813	-.04090	-.03450	-.07540	-.00639	.00761	395.90449
2.860	-1.010	20.03023	-.04409	-.03131	-.07540	-.01279	.00757	395.65416
2.860	-.019	20.03598	-.04759	-.02201	-.06960	-.02557	.00753	395.76970
2.860	.993	20.02139	-.04119	-.02841	-.06960	-.01279	.00739	395.59639
2.860	2.023	20.03543	-.03510	-.02870	-.06380	-.00639	.00747	395.65416
2.860	4.027	20.04545	-.03510	-.02870	-.06380	-.00639	.00766	395.78895
2.860	6.085	20.03713	-.03829	-.02551	-.06380	-.01279	.00762	395.75044
2.860	8.084	20.02000	-.03249	-.01971	-.05220	-.01279	.00786	395.73119

RUN NO. 42/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.054	20.59983	-.02936	.04096	.01160	-.07032	.00429	301.10323
3.900	-3.994	20.59544	-.04185	.04765	.00580	-.08950	.00426	301.02304
3.900	-1.990	20.58622	-.04824	.05404	.00580	-.10229	.00425	301.02304
3.900	-.988	20.57777	-.05114	.05114	.00000	-.10229	.00423	301.02304
3.900	-.019	20.56946	-.05434	.05434	.00000	-.10868	.00416	301.00700
3.900	.990	20.60047	-.05144	.05724	.00580	-.10868	.00415	300.99898
3.900	2.017	20.60016	-.05434	.05434	.00000	-.10868	.00415	301.01502
3.900	3.995	20.59999	-.04824	.05404	.00580	-.10229	.00423	300.98294
3.900	6.028	20.60283	-.04824	.05404	.00580	-.10229	.00426	300.98294
3.900	8.078	20.60297	-.04824	.05404	.00580	-.10229	.00436	301.04709

RUN NO. 58/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.027	20.94987	-.01101	-.02379	-.03480	.01279	.00302	233.53720
4.600	-3.998	20.93900	-.01101	-.02379	-.03480	.01279	.00304	233.60396
4.600	-2.013	20.91684	-.00781	-.02699	-.03480	.01918	.00301	233.53720
4.600	-1.025	20.93128	-.01101	-.02379	-.03480	.01279	.00297	233.60396
4.600	-.020	20.92543	-.00811	-.02089	-.02900	.01279	.00294	233.47043
4.600	.968	20.92255	-.01391	-.02669	-.04060	.01279	.00290	233.53720
4.600	1.994	20.92818	-.00811	-.02089	-.02900	.01279	.00294	233.53720
4.600	4.008	20.91692	-.01101	-.02379	-.03480	.01279	.00297	233.53720
4.600	6.057	20.91700	-.01101	-.02379	-.03480	.01279	.00301	233.53720
4.600	8.047	20.91697	-.00781	-.02699	-.03480	.01918	.00308	233.53720

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM099)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 26/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.072	32.32640	-.02320	-.02320	-.04640	.00000	.00744	395.69267
2.860	-4.035	32.31214	-.01420	-.02060	-.03480	.00639	.00744	395.78895
2.860	-1.983	32.29457	-.00811	-.02089	-.02900	.01279	.00753	395.71193
2.960	-1.009	32.28559	-.00840	-.01480	-.02320	.00639	.00760	395.73119
2.860	-.018	32.29566	-.00811	-.02089	-.02900	.01279	.00756	395.69267
2.860	.995	32.29303	-.00811	-.02089	-.02900	.01279	.00759	395.80821
2.860	2.024	32.28653	-.00491	-.02409	-.02900	.01918	.00766	395.63491
2.860	4.029	32.28359	-.00491	-.02409	-.02900	.01918	.00761	395.75044
2.860	6.088	32.27679	.01308	-.01888	-.00580	.03197	.00770	395.61565
2.860	8.106	32.25329	.01948	-.02528	-.00580	.04475	.00778	395.53863

RUN NO. 43/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	32.80043	-.01770	-.01130	-.02900	-.00639	.00421	301.02304
3.900	-4.022	32.82419	-.01480	-.00840	-.02320	-.00639	.00421	301.02304
3.900	-1.996	32.81271	-.00550	-.01190	-.01740	.00639	.00423	301.02304
3.900	-.969	32.80956	.02995	-.05315	-.02320	.08311	.00422	301.03908
3.900	.000	32.80976	-.05315	.02995	-.02320	-.08311	.00423	301.08719
3.900	.971	32.80665	-.05025	.03285	-.01740	-.08311	.00421	301.10323
3.900	1.998	32.83269	-.04386	.02646	-.01740	-.07032	.00422	300.98294
3.900	4.015	32.82287	-.03776	.02616	-.01160	-.06393	.00423	300.98294
3.900	6.067	32.80648	-.03457	.02297	-.01160	-.05754	.00425	300.97492
3.900	8.079	32.81635	-.02847	.02267	-.00580	-.05114	.00425	301.04709

RUN NO. 59/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.044	33.11478	-.03285	.05025	.01740	-.08311	.00290	233.53720
4.600	-4.016	33.10255	-.03285	.05025	.01740	-.08311	.00290	233.53720
4.600	-1.993	33.09366	-.02676	.04996	.02320	-.07672	.00290	233.47043
4.600	-1.025	33.11317	-.02676	.04996	.02320	-.07672	.00292	233.53720
4.600	.000	33.11641	-.02966	.04706	.01740	-.07672	.00290	233.60396
4.600	.969	33.10365	-.02066	.04966	.02900	-.07032	.00292	233.60396
4.600	1.976	33.15148	-.01427	.04327	.02900	-.05754	.00294	233.53720
4.600	4.008	33.12552	-.01107	.04007	.02900	-.05114	.00295	233.60396
4.600	6.038	33.11165	-.00788	.03688	.02900	-.04475	.00299	233.53720
4.600	8.047	33.08827	.00112	.03948	.04060	-.03836	.00301	233.60396

LA75 TABULATED SAUCE DATA

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM100)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
SCALE = .0150

PARAMETRIC DATA

ALPHA = 6.000 ELEVON = -10.000  
AILRON = 5.000 SPDBRK = 52.700  
RUDDER = -10.000 BDFLAP = .000

RUN NO. 30/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.070	5.80900	-10.02176	5.03376	-4.98800	-15.05552	.00700	395.73119
2.860	-4.034	5.79305	-10.02466	5.03086	-4.99380	-15.05552	.00688	395.86598
2.860	-1.030	5.81330	-10.02176	5.03376	-4.98800	-15.05552	.00687	395.86598
2.860	-.002	5.81143	-10.02176	5.03376	-4.98800	-15.05552	.00685	395.84672
2.860	.990	5.81374	-10.02466	5.03086	-4.99380	-15.05552	.00687	395.90449
2.860	1.963	5.81628	-10.02785	5.03405	-4.99380	-15.06191	.00689	395.86598
2.860	4.022	5.80138	-10.02815	5.04015	-4.98800	-15.06830	.00699	395.78895
2.860	6.078	5.80831	-10.03744	5.04364	-4.99380	-15.08109	.00711	395.78895
2.860	8.078	5.80764	-10.03744	5.04364	-4.99380	-15.08109	.00715	395.94300

RUN NO. 47/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.035	6.42027	-9.99180	4.98060	-5.01120	-14.97241	.00414	301.02304
3.900	-4.024	6.44553	-9.98890	4.98350	-5.00540	-14.97241	.00408	300.99898
3.900	-1.998	6.43959	-9.98571	4.98031	-5.00540	-14.96601	.00407	301.04709
3.900	-1.028	6.43273	-9.98571	4.98031	-5.00540	-14.96601	.00405	301.06313
3.900	-.021	6.43510	-9.98571	4.98031	-5.00540	-14.96601	.00404	301.04709
3.900	.987	6.43540	-9.98861	4.97741	-5.01120	-14.96601	.00405	301.05511
3.900	1.976	6.43825	-9.98571	4.98031	-5.00540	-14.96601	.00405	301.06313
3.900	4.011	6.44108	-9.98861	4.97741	-5.01120	-14.96601	.00405	301.01502
3.900	6.043	6.40748	-9.98861	4.97741	-5.01120	-14.96601	.00408	301.06313
3.900	8.056	6.41655	-10.03336	5.02216	-5.01120	-15.05552	.00414	301.23956

RUN NO. 63/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.046	6.82244	-9.98459	5.01979	-4.96480	-15.00437	.00292	233.67073
4.600	-4.018	6.81364	-9.98139	5.01659	-4.96480	-14.99798	.00292	233.73749
4.600	-1.975	6.80022	-9.98459	5.01979	-4.96480	-15.00437	.00290	233.73749
4.600	-1.007	6.79817	-9.98459	5.01979	-4.96480	-15.00437	.00290	233.73749
4.600	-.002	6.80307	-9.98459	5.01979	-4.96480	-15.00437	.00288	233.73749
4.600	.967	6.79408	-9.98778	5.02298	-4.96480	-15.01076	.00288	233.73749
4.600	1.993	6.79181	-9.98749	5.01689	-4.97060	-15.00437	.00288	233.73749
4.600	4.025	6.79192	-9.99068	5.02008	-4.97060	-15.01076	.00288	233.67073
4.600	6.036	6.79870	-9.98459	5.01979	-4.96480	-15.00437	.00290	233.67073
4.600	8.046	6.80342	-9.97009	5.03429	-4.93580	-15.00437	.00295	233.67073

## LA75 TABULATED SAOUCE DATA

PAGE 299

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM101)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 12.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 29/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.050	11.91642	-9.94043	4.98723	-4.95320	-14.92766	.00747	395.71193
2.860	-4.052	11.96861	-9.96653	4.96113	-5.00540	-14.92766	.00746	395.55788
2.860	-1.982	11.90820	-9.96943	4.95823	-5.01120	-14.92766	.00745	395.63491
2.860	-1.011	11.90118	-9.96943	4.95823	-5.01120	-14.92766	.00735	395.61565
2.860	-.002	11.90961	-9.97552	4.95852	-5.01700	-14.93405	.00733	395.73119
2.860	.972	11.90301	-9.97552	4.95852	-5.01700	-14.93405	.00736	395.75044
2.860	2.001	11.90771	-9.97582	4.96462	-5.01120	-14.94044	.00741	395.55788
2.860	4.022	11.89964	-9.97233	4.95533	-5.01700	-14.92766	.00748	395.86598
2.860	6.060	11.90660	-9.95344	4.94225	-5.01120	-14.89569	.00750	395.80821
2.860	8.059	11.91088	-9.95315	4.93615	-5.01700	-14.88930	.00762	395.76970

RUN NO. 46/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.052	12.48793	-9.98778	5.02298	-4.96480	-15.01076	.00433	301.00700
3.900	-4.041	12.48968	-9.98459	5.01979	-4.96480	-15.00437	.00433	301.04709
3.900	-1.978	12.48369	-9.99098	5.02618	-4.96480	-15.01716	.00429	301.10323
3.900	-.989	12.47907	-9.98778	5.02298	-4.96480	-15.01076	.00426	301.08719
3.900	-.020	12.51165	-9.98370	5.00150	-4.98220	-14.98519	.00423	301.07115
3.900	.969	12.50857	-9.98340	4.99540	-4.98800	-14.97880	.00421	301.09521
3.900	1.977	12.49014	-9.98340	4.99540	-4.98800	-14.97880	.00422	301.03908
3.900	4.012	12.48545	-9.98620	4.99220	-4.98800	-14.97241	.00423	301.06313
3.900	6.063	12.53136	-10.00897	5.02097	-4.98800	-15.02994	.00432	301.26362
3.900	8.057	12.54190	-10.01536	5.02736	-4.98800	-15.04273	.00432	301.20748

RUN NO. 62/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.007	12.84718	-9.99187	5.04447	-4.94740	-15.03634	.00301	233.67073
4.600	-4.017	12.84069	-9.99796	5.04476	-4.95320	-15.04273	.00303	233.67073
4.600	-1.994	12.84905	-9.99187	5.04447	-4.94740	-15.03634	.00301	233.67073
4.600	-1.006	12.84699	-9.99796	5.04476	-4.95320	-15.04273	.00301	233.67073
4.600	-.020	12.84443	-9.99506	5.04766	-4.94740	-15.04273	.00301	233.73749
4.600	.968	12.84490	-9.99477	5.04157	-4.95320	-15.03634	.00299	233.73749
4.600	1.974	12.84771	-9.99477	5.04157	-4.95320	-15.03634	.00299	233.67073
4.600	4.007	12.85051	-9.99187	5.04447	-4.94740	-15.03634	.00299	233.67073
4.600	6.036	12.86648	-9.99477	5.04157	-4.95320	-15.03634	.00299	233.60396
4.600	8.027	12.88015	-9.99477	5.04157	-4.95320	-15.03634	.00301	233.60396



## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V6W

(SJH102)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 28/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.05627	-10.01069	4.99369	-5.01700	-15.00437	.00769	395.67342
2.860	-4.034	20.03387	-10.02607	4.99748	-5.02860	-15.02355	.00784	395.73119
2.860	-1.983	20.03111	-10.03247	5.00387	-5.02860	-15.03634	.00782	395.65416
2.860	-1.030	20.06236	-10.03247	5.00387	-5.02860	-15.03634	.00785	395.50011
2.860	-.019	20.06282	-10.03247	5.00387	-5.02860	-15.03634	.00787	395.63491
2.860	.993	20.03973	-10.03566	5.00706	-5.02860	-15.04273	.00776	395.67342
2.860	2.022	20.05047	-10.03566	5.00706	-5.02860	-15.04273	.00764	395.63491
2.860	4.026	20.06105	-10.04205	5.01346	-5.02860	-15.05552	.00779	395.67342
2.860	6.084	20.05539	-10.04496	5.01056	-5.03440	-15.05552	.00769	395.71193
2.860	8.065	20.05227	-10.04525	5.01665	-5.02860	-15.06191	.00782	395.57714

RUN NO. 45/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	20.60462	-9.99009	5.00789	-4.98220	-14.99798	.00430	301.00700
3.900	-4.022	20.61867	-9.99009	5.00789	-4.98220	-14.99798	.00426	301.03908
3.900	-1.996	20.60271	-9.99009	5.00789	-4.98220	-14.99798	.00421	301.02304
3.900	-1.007	20.59470	-9.99329	5.01109	-4.98220	-15.00437	.00418	301.03908
3.900	.000	20.59439	-9.98719	5.01079	-4.97640	-14.99798	.00419	301.01502
3.900	.970	20.59445	-9.98689	5.00469	-4.98220	-14.99158	.00425	301.00700
3.900	1.979	20.59389	-9.98689	5.00469	-4.98220	-14.99158	.00427	301.00700
3.900	4.014	20.58833	-9.98689	5.00469	-4.98220	-14.99158	.00433	300.97492
3.900	6.066	20.58858	-9.98080	5.00440	-4.97640	-14.98519	.00438	301.03908
3.900	8.060	20.59669	-9.96511	4.99451	-4.97060	-14.95962	.00441	301.05511

RUN NO. 61/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.026	20.93150	-10.00607	5.02387	-4.98220	-15.02994	.00301	233.73749
4.600	-3.998	20.92680	-10.00897	5.02097	-4.98800	-15.02994	.00299	233.67073
4.600	-1.975	20.94719	-10.00607	5.02387	-4.98220	-15.02994	.00297	233.67073
4.600	-1.006	20.93572	-10.00927	5.02707	-4.98220	-15.03634	.00295	233.73749
4.600	.000	20.93543	-10.00927	5.02707	-4.98220	-15.03634	.00297	233.67073
4.600	.969	20.93243	-10.00607	5.02387	-4.98220	-15.02994	.00301	233.67073
4.600	1.994	20.92983	-10.00317	5.02677	-4.97640	-15.02994	.00303	233.67073
4.600	4.008	20.94444	-10.00607	5.02387	-4.98220	-15.02994	.00304	233.60396
4.600	6.038	20.95033	-10.00317	5.02677	-4.97640	-15.02994	.00303	233.73749
4.600	8.047	20.93277	-10.00317	5.02677	-4.97640	-15.02994	.00297	233.67073

## LA75 TABULATED SAOUCE DATA

PAGE 301

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH103)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 30.000 ELEVON = -10.000  
 AILRON = 5.000 SPD8RK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 27/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.054	32.35025	-9.98950	4.99570	-4.99380	-14.98519	.00731	395.84672
2.860	-4.016	32.33306	-9.98950	4.99570	-4.99380	-14.98519	.00743	395.92375
2.860	-2.002	32.31201	-9.99559	4.99599	-4.99960	-14.99158	.00745	395.55788
2.860	-1.010	32.30039	-9.99879	4.99919	-4.99960	-14.99798	.00751	395.73119
2.860	-.018	32.29328	-10.00169	4.99629	-5.00540	-14.99798	.00745	395.55788
2.860	.995	32.29077	-9.99849	4.99309	-5.00540	-14.99158	.00746	395.51937
2.860	2.006	32.28185	-9.99849	4.99309	-5.00540	-14.99158	.00745	395.59639
2.860	4.048	32.33270	-10.00489	4.99949	-5.00540	-15.00437	.00747	395.65416
2.860	6.068	32.31934	-10.00779	4.99659	-5.01120	-15.00437	.00755	395.55788
2.860	8.069	32.30897	-10.00169	4.99629	-5.00540	-14.99798	.00774	395.55788

RUN NO. 44/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	32.79191	-9.99269	4.99889	-4.99380	-14.99158	.00412	301.06313
3.900	-4.041	32.77510	-9.99589	5.00209	-4.99380	-14.99798	.00411	300.99898
3.900	-2.014	32.78255	-10.00199	5.00239	-4.99960	-15.00437	.00411	300.98294
3.900	-1.006	32.77652	-10.00808	5.00268	-5.00540	-15.01076	.00412	300.99898
3.900	-.018	32.79884	-10.00808	5.00268	-5.00540	-15.01076	.00415	301.00700
3.900	.991	32.79297	-10.01128	5.00588	-5.00540	-15.01716	.00415	301.03908
3.900	1.980	32.78407	-10.01418	5.00298	-5.01120	-15.01716	.00414	301.06313
3.900	4.015	32.77761	-10.00808	5.00268	-5.00540	-15.01076	.00412	300.99096
3.900	6.029	32.76773	-10.01128	5.00588	-5.00540	-15.01716	.00412	300.99898
3.900	8.061	32.74243	-10.01128	5.00588	-5.00540	-15.01716	.00421	300.99898

RUN NO. 60/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.044	33.10318	-9.97760	5.00120	-4.97640	-14.97880	.00285	233.60396
4.600	-4.016	33.07914	-9.99009	5.00789	-4.98220	-14.99798	.00285	233.60396
4.600	-1.993	33.07603	-9.99619	5.00819	-4.98800	-15.00437	.00285	233.53720
4.600	-1.006	33.09850	-9.99938	5.01138	-4.98800	-15.01076	.00285	233.60396
4.600	-.019	33.08938	-10.00548	5.01168	-4.99380	-15.01716	.00285	233.60396
4.600	.969	33.08903	-10.00867	5.01487	-4.99380	-15.02355	.00288	233.60396
4.600	1.976	33.07069	-10.00548	5.01168	-4.99380	-15.01716	.00285	233.67073
4.600	4.008	33.05422	-10.00548	5.01168	-4.99380	-15.01716	.00285	233.67073
4.600	6.019	33.08803	-10.00548	5.01168	-4.99380	-15.01716	.00287	233.60396
4.600	8.047	33.07116	-10.00548	5.01168	-4.99380	-15.01716	.00288	233.67073

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM104)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 144/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.069	20.06549	-.01509	-.00231	-.01740	-.01279	.00785	395.78895
2.860	-4.032	20.03858	-.01509	-.00231	-.01740	-.01279	.00810	395.78895
2.860	-2.000	20.05350	-.01480	-.00840	-.02320	-.00639	.00790	395.84672
2.860	-1.009	20.05138	-.00870	-.00870	-.01740	.00000	.00792	395.84672
2.860	.002	20.05090	-.00870	-.00870	-.01740	.00000	.00795	395.88523
2.860	.976	20.04195	-.00550	-.01190	-.01740	.00639	.00784	395.63491
2.860	2.006	20.05112	-.00260	-.00900	-.01160	.00639	.00791	396.05854
2.860	4.047	20.06288	.00059	-.01219	-.01160	.01279	.00808	396.00077
2.860	6.066	20.10949	.00059	-.01219	-.01160	.01279	.00796	395.73119
2.860	8.066	20.09074	.01279	-.01279	.00000	.02557	.00826	395.86598

RUN NO. 149/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.034	20.63881	-.02557	.02557	.00000	-.05114	.00456	300.77444
3.900	-4.022	20.62537	-.02818	.01658	-.01160	-.04475	.00457	300.81453
3.900	-1.996	20.60552	-.02877	.02877	.00000	-.05754	.00456	300.79047
3.900	-1.007	20.59570	-.03486	.02906	-.00580	-.06393	.00448	300.76642
3.900	-.018	20.59252	-.04096	.02936	-.01160	-.07032	.00444	300.79849
3.900	.971	20.59246	.00030	-.00610	-.00580	.00639	.00442	300.75038
3.900	1.980	20.58905	-.00610	.00030	-.00580	-.00639	.00448	300.76642
3.900	4.015	20.59434	-.00900	-.00260	-.01160	-.00639	.00453	300.80651
3.900	6.047	20.59952	-.00900	-.00260	-.01160	-.00639	.00457	300.79849
3.900	8.059	20.60215	-.01799	-.00521	-.02320	-.01279	.00467	300.76642

RUN NO. 151/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.025	20.94294	.02238	-.02238	.00000	.04475	.00336	235.51320
4.600	-4.015	20.92337	.00349	-.00929	-.00580	.01279	.00343	235.57996
4.600	-1.992	20.91247	-.00320	.00320	.00000	-.00639	.00340	235.64673
4.600	-1.004	20.90410	-.00959	.00959	.00000	-.01918	.00338	235.51320
4.600	-.018	20.90130	-.00959	.00959	.00000	-.01918	.00334	235.64673
4.600	.970	20.89862	-.00959	.00959	.00000	-.01918	.00336	235.57996
4.600	1.920	20.89547	-.01279	.01279	.00000	-.02557	.00334	235.57996
4.600	4.010	20.89207	-.01598	.01598	.00000	-.03197	.00340	235.57996
4.600	6.039	20.89788	-.01598	.01598	.00000	-.03197	.00343	235.64673
4.600	8.068	20.90056	-.02208	.01628	-.00580	-.03836	.00347	235.57996

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 ORIGINAL PAGE IS POOR

## LA75 TABULATED SAOUCE DATA

PAGE 303

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM105)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = .000 BDFLAP = .000

RUN NO. 143/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.069	20.05807	-10.01359	4.99079	-5.02280	-15.00437	.00799	395.90449
2.860	-4.051	20.04611	-10.01968	4.99108	-5.02860	-15.01076	.00813	395.90449
2.860	-2.000	20.06305	-10.02258	4.98818	-5.03440	-15.01076	.00817	396.05854
2.860	-1.027	20.05287	-10.02258	4.98818	-5.03440	-15.01076	.00819	395.92375
2.860	.002	20.06060	-10.02548	4.98528	-5.04020	-15.01076	.00829	395.73119
2.860	.976	20.05257	-10.02317	5.00037	-5.02280	-15.02355	.00818	395.92375
2.860	2.006	20.06367	-10.01708	5.00008	-5.01700	-15.01716	.00810	395.88523
2.860	4.028	20.06428	-10.02637	5.00357	-5.02280	-15.02994	.00817	395.92375
2.860	6.067	20.06110	-10.02957	5.00677	-5.02280	-15.03634	.00798	396.25110
2.860	8.066	20.05940	-10.02986	5.01286	-5.01700	-15.04273	.00811	395.61565

RUN NO. 148/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.034	20.63342	-9.98920	4.98960	-4.99960	-14.97880	.00456	300.75038
3.900	-4.022	20.61426	-9.98950	4.99570	-4.99380	-14.98519	.00462	300.76642
3.900	-1.996	20.59848	-9.98370	5.00150	-4.98220	-14.98519	.00457	300.75840
3.900	-1.007	20.58780	-9.98660	4.99860	-4.98800	-14.98519	.00452	300.76642
3.900	-.019	20.58446	-9.98370	5.00150	-4.98220	-14.98519	.00448	300.79849
3.900	.990	20.58446	-9.98689	5.00469	-4.98220	-14.99158	.00446	300.79849
3.900	1.979	20.58106	-9.99299	5.00499	-4.98800	-14.99798	.00451	300.76642
3.900	4.014	20.58042	-9.99009	5.00789	-4.98220	-14.99798	.00456	300.71028
3.900	6.065	20.59152	-9.99909	5.00529	-4.99380	-15.00437	.00460	300.74236
3.900	8.059	20.59425	-9.99909	5.00529	-4.99380	-15.00437	.00464	300.81453

RUN NO. 155/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.025	20.95692	-9.97760	5.00120	-4.97640	-14.97880	.00336	235.57996
4.600	-4.016	20.94013	-9.98050	4.99830	-4.98220	-14.97880	.00340	235.64673
4.600	-1.973	20.92918	-9.98080	5.00440	-4.97640	-14.98519	.00340	235.64673
4.600	-1.005	20.92321	-9.97470	5.00410	-4.97060	-14.97880	.00338	235.64673
4.600	-.018	20.91769	-9.97790	5.00730	-4.97060	-14.98519	.00338	235.57996
4.600	.971	20.91473	-9.97470	5.00410	-4.97060	-14.97880	.00336	235.64673
4.600	1.996	20.91463	-9.97470	5.00410	-4.97060	-14.97880	.00338	235.57996
4.600	4.009	20.90313	-9.98080	5.00440	-4.97640	-14.98519	.00343	235.57996
4.600	6.039	20.91136	-9.98370	5.00150	-4.98220	-14.98519	.00345	235.57996
4.600	8.049	20.91123	-9.98370	5.00150	-4.98220	-14.98519	.00349	235.57996

## LA75 TABULATED SAOUCE DATA

PAGE 304

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH106)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 70.000  
 RUDDER = -10.000 BOFLAP = .000

RUN NO. 173/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.051	20.10491	.01338	-.02498	-.01160	.03836	.00769	396.28961
2.860	-4.033	20.06471	.01977	-.03137	-.01160	.05114	.00783	396.38589
2.860	-2.002	20.04350	.02007	-.03747	-.01740	.05754	.00772	396.30887
2.860	-1.010	20.03204	.01397	-.03717	-.02320	.05114	.00766	396.15482
2.860	-.018	20.04542	.02036	-.04356	-.02320	.06393	.00767	396.23184
2.860	.974	20.04252	-.00840	-.01480	-.02320	.00639	.00762	396.48217
2.860	2.023	20.06160	-.00550	-.01190	-.01740	.00639	.00771	396.21259
2.860	4.046	20.06504	.00089	-.01829	-.01740	.01918	.00781	396.36664
2.860	6.084	20.06202	-.00231	-.01509	-.01740	.01279	.00786	395.96226
2.860	8.084	20.04755	.00089	-.01829	-.01740	.01918	.00805	396.27036

RUN NO. 157/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.035	20.66115	.00171	.02729	.02900	-.02557	.00454	301.31975
3.900	-4.023	20.63636	-.00148	.03048	.02900	-.03197	.00457	300.95888
3.900	-1.970	20.62353	-.00119	.02439	.02320	-.02557	.00457	300.10081
3.900	-1.008	20.61162	-.00438	.02758	.02320	-.03197	.00451	299.72390
3.900	-.020	20.60619	-.00758	.03078	.02320	-.03836	.00447	300.30931
3.900	.970	20.60317	-.00758	.03078	.02320	-.03836	.00449	300.43762
3.900	1.997	20.59692	-.00758	.03078	.02320	-.03836	.00451	300.57395
3.900	4.014	20.59973	-.00788	.03688	.02900	-.04475	.00454	301.82304
3.900	6.046	20.60613	-.00788	.03688	.02900	-.04475	.00458	301.41599
3.900	8.059	20.60898	-.01107	.04007	.02900	-.05114	.00469	301.56835

RUN NO. 163/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.026	20.98094	.00580	.00580	.01160	.00000	.00344	235.36716
4.600	-4.017	20.96422	.00580	.00580	.01160	.00000	.00346	235.36716
4.600	-1.993	20.95609	.00260	.00900	.01160	-.00639	.00346	235.30039
4.600	-1.006	20.95007	-.00059	.01219	.01160	-.01279	.00343	235.36716
4.600	-.019	20.94724	-.00030	.00610	.00560	-.00639	.00339	235.30039
4.600	.969	20.94112	-.00349	.00929	.00580	-.01279	.00339	235.30039
4.600	1.995	20.94090	-.00059	.01219	.01160	-.01279	.00339	235.30039
4.600	4.008	20.93525	-.00059	.01219	.01160	-.01279	.00346	235.30039
4.600	6.038	20.94142	-.00059	.01219	.01160	-.01279	.00351	235.36716
4.600	8.048	20.94138	-.00959	.00959	.00000	-.01918	.00353	235.30039

## LA75 TABULATED SAOUCE DATA

PAGE 305

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8H

(SJH107)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 70.000  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 172/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.13284	-10.00287	5.02068	-4.98220	-15.02355	.00772	395.98151
2.860	-4.033	20.04193	-10.00287	5.02068	-4.98220	-15.02355	.00785	395.98151
2.860	-2.002	20.03227	-10.00577	5.01778	-4.98800	-15.02355	.00792	396.23184
2.860	-1.010	20.00658	-9.95753	4.96373	-4.99380	-14.92126	.00796	396.03928
2.860	-.018	20.06335	-9.94824	4.96024	-4.98800	-14.90848	.00795	396.17408
2.860	.994	20.06298	-9.99299	5.00499	-4.98800	-14.99798	.00786	396.27036
2.860	2.004	20.05988	-10.00548	5.01168	-4.99380	-15.01716	.00781	396.19333
2.860	4.045	20.08464	-10.00577	5.01778	-4.98800	-15.02355	.00789	396.21259
2.860	6.065	20.07195	-10.00577	5.01778	-4.98800	-15.02355	.00783	396.34738
2.860	8.102	20.07211	-10.00607	5.02387	-4.98220	-15.02994	.00800	396.23184

RUN NO. 161/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.054	20.71138	-9.99299	5.00499	-4.98800	-14.99798	.00458	300.71830
3.900	-4.023	20.69263	-9.99589	5.00209	-4.99380	-14.99798	.00461	300.77444
3.900	-1.997	20.68009	-9.99299	5.00499	-4.98800	-14.99798	.00460	300.63811
3.900	-1.008	20.67426	-9.99589	5.00209	-4.99380	-14.99798	.00458	300.70226
3.900	-.019	20.66517	-9.99909	5.00529	-4.99380	-15.00437	.00451	300.58999
3.900	.970	20.66277	-9.99589	5.00209	-4.99380	-14.99798	.00450	300.64613
3.900	1.997	20.66207	-9.99909	5.00529	-4.99380	-15.00437	.00451	300.50178
3.900	4.014	20.65592	-9.99909	5.00529	-4.99380	-15.00437	.00458	300.50178
3.900	6.065	20.66274	-10.00199	5.00239	-4.99960	-15.00437	.00461	300.63811
3.900	8.058	20.67137	-10.00489	4.99949	-5.00540	-15.00437	.00469	300.95086

RUN NO. 167/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.007	20.99357	-9.97790	5.00730	-4.97060	-14.98519	.00344	235.30039
4.600	-4.017	20.97705	-9.98689	5.00469	-4.98220	-14.99158	.00346	235.23363
4.600	-1.993	20.96886	-9.98080	5.00440	-4.97640	-14.98519	.00346	235.30039
4.600	-1.006	20.96000	-9.98080	5.00440	-4.97640	-14.98519	.00344	235.30039
4.600	-.019	20.95381	-9.98399	5.00759	-4.97640	-14.99158	.00343	235.30039
4.600	.969	20.95363	-9.98399	5.00759	-4.97640	-14.99158	.00343	235.23363
4.600	1.995	20.95058	-9.98080	5.00440	-4.97640	-14.98519	.00344	235.23363
4.600	4.008	20.94195	-9.98399	5.00759	-4.97640	-14.99158	.00348	235.30039
4.600	6.038	20.94780	-9.98719	5.01079	-4.97640	-14.99798	.00350	235.30039
4.600	8.048	20.94799	-9.99299	5.00499	-4.98800	-14.99798	.00357	235.23363

LA75 TABULATED SAOUCE DATA

PAGE 306

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH108)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 70/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.050	20.41315	.00900	.00260	.01160	.00639	.00746	395.71193
2.860	-4.033	20.30904	-.01308	.01888	.00580	-.03197	.00777	395.92375
2.860	-2.001	20.29074	-.01279	.01279	.00000	-.02557	.00758	395.80821
2.860	-1.008	20.26607	.00669	-.01249	-.00580	.01918	.00757	395.76970
2.860	-.017	20.26860	.01308	-.01888	-.00580	.03197	.00764	395.98151
2.860	.976	20.29718	.01888	-.01308	.00580	.03197	.00752	395.78895
2.860	1.987	20.30185	.01859	-.00699	.01160	.02557	.00754	395.59639
2.860	4.047	20.31082	.01279	-.01279	.00000	.02557	.00774	395.76970
2.860	6.085	20.30882	.01829	-.00089	.01740	.01918	.00755	395.82747
2.860	8.103	20.28890	.00409	-.02149	-.01740	.02557	.00788	395.92375

RUN NO. 76/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.053	20.86243	-.03160	-.03800	-.06960	.00639	.00427	300.79849
3.900	-4.022	20.84329	-.01190	-.00550	-.01740	-.00639	.00428	300.66216
3.900	-1.996	20.84006	-.01480	-.00840	-.02320	-.00639	.00426	300.71028
3.900	-1.006	20.85500	-.02089	-.00811	-.02900	-.01279	.00416	300.75038
3.900	-.018	20.85188	-.01770	-.01130	-.02900	-.00639	.00413	300.71830
3.900	.991	20.85221	-.02379	-.01101	-.03480	-.01279	.00415	300.78246
3.900	1.999	20.85150	-.02089	-.00811	-.02900	-.01279	.00419	300.72632
3.900	4.015	20.85044	-.02959	-.01681	-.02900	-.01279	.00426	300.75840
3.900	6.047	20.85311	-.02959	-.01681	-.04640	-.01279	.00428	300.72632
3.900	8.060	20.85546	-.02640	-.02000	-.04640	-.00639	.00438	300.78246

RUN NO. 83/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.025	21.18055	.00847	-.04907	-.04060	.05754	.00306	235.18026
4.600	-4.016	21.16394	.01427	-.04327	-.02900	.05754	.00301	235.38056
4.600	-1.992	21.20242	.01397	-.03717	-.02320	.05114	.00299	235.51409
4.600	-1.005	21.19971	.01397	-.03717	-.02320	.05114	.00296	235.51409
4.600	-.018	21.19933	-.01822	-.06298	-.08120	.04475	.00299	235.51409
4.600	.970	21.19359	-.01822	-.06298	-.08120	.04475	.00303	235.51409
4.600	1.996	21.19043	-.02142	-.05978	-.08120	.04475	.00308	235.44732
4.600	4.009	21.17852	-.01532	-.06008	-.07540	.03836	.00310	235.51409
4.600	6.039	21.18560	-.01242	-.05718	-.06960	.04475	.00313	235.44732
4.600	8.048	21.18363	-.00952	-.05428	-.06380	.04475	.00313	235.44732

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM109)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = .000 BDFLAP = .000

RUN NO. 71/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.069	20.31049	-9.99559	4.99599	-4.99960	-14.99158	.00766	395.80821
2.860	-4.032	20.27378	-10.00169	4.99629	-5.00540	-14.99798	.00781	395.71193
2.860	-2.000	20.30627	-10.00489	4.99949	-5.00540	-15.00437	.00785	395.50011
2.860	-1.008	20.30109	-10.00489	4.99949	-5.00540	-15.00437	.00786	395.67342
2.860	.002	20.30354	-10.00808	5.00268	-5.00540	-15.01076	.00795	395.59639
2.860	.995	20.30414	-10.00808	5.00268	-5.00540	-15.01076	.00786	395.86598
2.860	2.006	20.29270	-10.00808	5.00268	-5.00540	-15.01076	.00776	396.05854
2.860	4.047	20.30023	-10.00838	5.00878	-4.99960	-15.01716	.00783	395.80821
2.860	6.066	20.30474	-10.01447	5.00907	-5.00540	-15.02355	.00755	395.73119
2.860	8.085	20.29544	-10.00169	4.99629	-5.00540	-14.99798	.00784	395.82747

RUN NO. 77/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.034	20.87499	-10.00838	5.00878	-4.99960	-15.01716	.00428	300.79047
3.900	-4.022	20.85565	-10.01157	5.01198	-4.99960	-15.02355	.00431	300.79047
3.900	-1.996	20.84650	-10.01187	5.01807	-4.99380	-15.02994	.00431	300.76642
3.900	-1.007	20.83836	-9.96363	4.96403	-4.99960	-14.92766	.00424	300.79047
3.900	-.018	20.85868	-9.96392	4.97012	-4.99380	-14.93405	.00419	300.80651
3.900	.972	20.85874	-9.97002	4.97042	-4.99960	-14.94044	.00419	300.74236
3.900	1.980	20.86713	-9.97351	4.97971	-4.99380	-14.95323	.00421	300.71830
3.900	4.015	20.86006	-9.97671	4.98291	-4.99380	-14.95962	.00427	300.70226
3.900	6.047	20.86555	-9.98281	4.98321	-4.99960	-14.96601	.00431	300.76642
3.900	8.060	20.86202	-9.98281	4.98321	-4.99960	-14.96601	.00438	300.72632

RUN NO. 82/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.043	21.17225	-10.00749	4.99049	-5.01700	-14.99798	.00303	235.51409
4.600	-4.015	21.15893	-10.01069	4.99369	-5.01700	-15.00437	.00304	235.44732
4.600	-2.011	21.16555	-10.01069	4.99369	-5.01700	-15.00437	.00303	235.51409
4.600	-1.024	21.15984	-10.01359	4.99079	-5.02280	-15.00437	.00303	235.51409
4.600	-.018	21.18503	-10.01369	4.99369	-5.01700	-15.00437	.00301	235.51409
4.600	.990	21.18498	-10.01678	4.99398	-5.02280	-15.01076	.00301	235.51409
4.600	2.015	21.18203	-10.01678	4.99398	-5.02280	-15.01076	.00299	235.51409
4.600	4.009	21.17322	-10.01359	4.99079	-5.02280	-15.00437	.00303	235.44732
4.600	6.039	21.17875	-10.01678	4.98789	-5.02860	-15.00437	.00304	235.51409
4.600	8.048	21.17837	-10.01968	4.99108	-5.02860	-15.01076	.00306	235.51409



## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH110)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000  
 AILRON = .000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 89/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.04411	-.00989	.01569	.00580	-.02557	.00751	396.27026
2.860	-4.034	20.09712	.00171	.02729	.02900	-.02557	.00777	395.63491
2.860	-2.002	20.07202	-.03279	-.01361	-.04640	-.01918	.00757	395.76970
2.860	-.992	20.06934	-.03279	-.01361	-.04640	-.01918	.00760	396.00077
2.860	-.019	20.06581	-.02959	-.01681	-.04640	-.01279	.00759	395.78895
2.860	.973	20.06274	-.02989	-.01071	-.04060	-.01918	.00752	395.84672
2.860	2.004	20.06701	-.02669	-.01391	-.04060	-.01279	.00761	395.86598
2.860	4.027	20.07053	-.02060	-.01420	-.03480	-.00639	.00769	395.96226
2.860	6.065	20.07941	-.02060	-.01420	-.03480	-.00639	.00772	395.78895
2.860	8.064	20.05835	-.00870	-.00870	-.01740	.00000	.00804	395.96226

RUN NO. 94/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.035	20.58857	-.02119	-.00201	-.02320	-.01918	.00436	300.96690
3.900	-4.042	20.58777	-.01829	.00089	-.01740	-.01918	.00436	300.89473
3.900	-1.997	20.57390	-.02119	-.00201	-.02320	-.01918	.00436	300.87869
3.900	-1.027	20.56791	-.02119	-.00201	-.02320	-.01918	.00431	300.90275
3.900	-.001	20.56532	-.02119	-.00201	-.02320	-.01918	.00426	300.88671
3.900	.970	20.55617	-.02409	-.00491	-.02900	-.01918	.00427	300.90275
3.900	1.978	20.55550	-.02729	-.00171	-.02900	-.02557	.00427	300.90275
3.900	4.033	20.60622	-.03048	.00148	-.02900	-.03197	.00433	300.83859
3.900	6.046	20.60949	-.02729	-.00171	-.02900	-.02557	.00437	300.88671
3.900	8.058	20.60948	-.02729	-.00171	-.02900	-.02557	.00445	300.84661

RUN NO. 101/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.045	20.95174	-.00870	-.00870	-.01740	.00000	.00319	235.54016
4.600	-4.017	20.93745	-.00260	-.00900	-.01160	.00639	.00314	235.54016
4.600	-1.994	20.94155	-.00260	-.00900	-.01160	.00639	.00310	235.54016
4.600	-1.006	20.93853	.00030	-.00610	-.00580	.00639	.00312	235.54016
4.600	-.019	20.93545	.00030	-.00610	-.00580	.00639	.00314	235.54016
4.600	.969	20.93803	.00320	-.00320	.00000	.00639	.00319	235.54016
4.600	1.976	20.93191	.00349	-.00929	-.00580	.01279	.00322	235.60692
4.600	4.027	20.92383	.00929	-.00349	.00580	.01279	.00328	235.60692
4.600	6.038	20.92958	.01249	-.00669	.00580	.01918	.00324	235.60692
4.600	8.047	20.92973	-.01651	-.03569	-.05220	.01918	.00329	235.60692

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM111)

## REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.000 ELEVON = -10.000  
 AILRON = 5.000 SPDBRK = 82.500  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 98/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
2.860	-6.052	20.07717	-9.98020	4.99220	-4.99800	-14.97241	.00767	395.84672
2.860	-4.034	20.03801	-9.98630	4.99250	-4.99380	-14.97880	.00784	395.82747
2.860	-2.002	20.01973	-9.98950	4.99570	-4.99380	-14.98519	.00786	396.02003
2.860	-1.010	20.01383	-9.98979	5.00179	-4.98800	-14.99158	.00790	395.78895
2.860	.000	20.09540	-9.99269	4.99889	-4.99380	-14.99158	.00796	395.98151
2.860	.993	20.05542	-9.99269	4.99889	-4.99380	-14.99158	.00786	395.69267
2.860	1.985	20.07221	-9.99589	5.00209	-4.99380	-14.99798	.00772	395.76970
2.860	4.026	20.07199	-9.99589	5.00209	-4.99380	-14.99798	.00780	395.59639
2.860	6.065	20.07524	-10.00548	5.01168	-4.99380	-15.01716	.00767	395.86598
2.860	8.064	20.06659	-10.00228	5.00848	-4.99360	-15.01076	.00793	395.98151

RUN NO. 95/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
3.900	-6.035	20.57785	-10.00400	4.98120	-5.02280	-14.98519	.00441	300.90275
3.900	-4.023	20.60641	-10.00400	4.98120	-5.02280	-14.98519	.00438	300.90275
3.900	-1.998	20.61211	-10.00110	4.98410	-5.01700	-14.98519	.00433	300.91878
3.900	-1.008	20.60058	-10.00400	4.98120	-5.02280	-14.98519	.00430	300.93482
3.900	-.020	20.60307	-10.00110	4.98410	-5.01700	-14.98519	.00431	300.88671
3.900	.950	20.59990	-10.00110	4.98410	-5.01700	-14.98519	.00436	300.87869
3.900	2.016	20.59909	-9.99790	4.98090	-5.01700	-14.97880	.00440	300.92680
3.900	4.032	20.59278	-9.99470	4.97770	-5.01700	-14.97241	.00444	300.84661
3.900	6.046	20.59604	-9.99180	4.98060	-5.01120	-14.97241	.00448	300.87067
3.900	8.058	20.60099	-9.98571	4.98031	-5.00540	-14.96601	.00451	300.87067

RUN NO 100/ 0 RN/L = .00

MACH	BETA	ALPHA	ELEVON	AILRON	ELVN-L	ELVN-R	CAC	Q(PSF)
4.600	-6.026	20.93997	-10.00400	4.98120	-5.02280	-14.98519	.00312	235.54016
4.600	-4.036	20.92938	-10.00400	4.98120	-5.02280	-14.98519	.00314	235.54016
4.600	-1.994	20.91619	-10.00400	4.98120	-5.02280	-14.98519	.00314	235.54016
4.600	-1.006	20.92765	-10.00400	4.98120	-5.02280	-14.98519	.00314	235.54016
4.600	-.019	20.92182	-10.00719	4.98439	-5.02280	-14.99158	.00312	235.54016
4.600	.969	20.95296	-10.01009	4.98149	-5.02280	-14.99158	.00312	235.54016
4.600	1.975	20.95295	-10.01009	4.98149	-5.02860	-14.99158	.00314	235.60692
4.600	4.008	20.94437	-10.01009	4.98149	-5.02860	-14.99158	.00315	235.60692
4.600	6.057	20.93294	-10.01009	4.98149	-5.02860	-14.99158	.00322	235.54016
4.600	8.047	20.93286	-10.01299	4.97859	-5.03440	-14.99158	.00322	235.54016

## LA75 TABULATED SAUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH112)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.115 ELEVON = 10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 18/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-5.035	9.98837	4.95320	15.02355	.00730	395.55788	20.11499	-.00429
2.860	-4.035	10.00361	5.96820	14.03903	.00728	395.73119	20.05632	-.00329
2.860	-2.004	10.00213	7.99820	12.00605	.00726	395.63491	20.05300	-.00179
2.860	-1.026	9.97588	8.94940	11.00235	.00724	395.75044	20.05048	-.00094
2.860	.028	10.05841	10.08620	10.03062	.00722	395.69267	20.05039	-.00007
2.860	.979	10.01215	10.99100	9.03331	.00722	395.75044	20.05027	.00077
2.860	1.984	10.03929	12.02340	8.05518	.00724	395.71193	20.04746	.00175
2.860	4.029	10.01892	14.04760	5.99024	.00727	395.55788	20.04422	.00319
2.860	5.036	9.99728	15.03360	4.96097	.00730	395.80821	20.04707	.00419

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH113)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.078 ELEVON = 10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 19/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-4.987	9.99210	5.00540	14.97880	.00760	396.21259	20.07807	3.00989
2.860	-4.013	9.98733	5.97400	14.00067	.00759	396.05854	20.07229	3.01057
2.860	-2.010	10.00242	7.99240	12.01245	.00759	396.50143	20.06996	3.01224
2.860	-.986	10.02257	9.03640	11.00875	.00757	396.23184	20.06693	3.01314
2.860	.012	9.99833	10.01080	9.98587	.00757	396.21259	20.06678	3.01390
2.860	1.021	9.95841	10.97940	8.93741	.00758	396.19333	20.06071	3.01470
2.860	1.943	10.01088	11.95380	8.06797	.00759	396.17408	20.05754	3.01522
2.860	3.957	9.98590	13.94320	6.02860	.00763	395.92375	20.05447	3.01711
2.860	5.024	9.99178	15.01620	4.96736	.00764	395.73119	20.05116	3.01797

## LA75 TABULATED SAOUCE DATA

PAGE 311

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM114)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.036 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 255/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-5.021	-9.99498	-15.01620	-4.97375	.00799	395.86598	20.03634	-.01665
2.860	-3.997	-9.98702	-13.98380	-5.99024	.00803	395.71193	20.03574	-.01631
2.860	-2.014	-9.98004	-11.99440	-7.96568	.00803	395.76970	20.03325	-.01665
2.860	-1.002	-9.98368	-10.98520	-8.98217	.00803	395.80821	20.03075	-.01656
2.860	-.004	-9.97744	-9.98180	-9.97308	.00800	395.76970	20.03314	-.01670
2.860	.998	-10.01097	-9.01320	-11.00875	.00799	395.76970	20.03304	-.01639
2.860	2.004	-9.99603	-7.99240	-11.99966	.00798	395.90449	20.03278	-.01662
2.860	3.967	-9.98206	-6.01460	-13.94953	.00799	395.69267	20.03047	-.01663
2.860	5.005	-9.99909	-4.99380	-15.00437	.00797	395.84672	20.03349	-.01665
2.860	6.033	-9.98823	-3.95560	-16.02086	.00797	395.84672	20.03276	-.01643
2.860	7.998	-10.01084	-2.01260	-18.00908	.00795	395.96226	20.03280	-.01654
2.860	9.987	-10.01635	-.02900	-20.00370	.00790	395.78895	20.03268	-.01632

RUN NO. 264/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
3.900	-5.034	-9.97609	-15.01040	-4.94179	.00426	300.80651	20.55469	.00045
3.900	-4.044	-9.95736	-14.00120	-5.91352	.00426	300.83057	20.54914	.00040
3.900	-1.988	-9.96004	-11.94800	-7.37207	.00424	300.82255	20.60908	.00039
3.900	-1.057	-9.96882	-11.02580	-8.91184	.00424	300.73434	20.60009	.00034
3.900	-.011	-9.97105	-9.98180	-9.96029	.00424	300.76642	20.59465	.00033
3.900	1.016	-10.00577	-8.99000	-11.02153	.00424	300.73434	20.59173	.00028
3.900	2.001	-10.00503	-8.00400	-12.00605	.00424	300.71830	20.58628	.00045
3.900	3.981	-10.01314	-6.03200	-13.99428	.00425	300.65415	20.57477	.00011
3.900	5.024	-9.99997	-4.97640	-15.02355	.00426	300.67820	20.57176	.00007
3.900	5.969	-9.98816	-4.01940	-15.95693	.00426	300.67820	20.56348	.00002
3.900	8.004	-10.00504	-2.00100	-18.00908	.00426	300.63811	20.56052	.00010
3.900	10.019	-10.03612	-.01740	-20.05484	.00425	300.62207	20.55439	.00008

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH114)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.036 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 256/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
4.600	-4.994	-9.99326	-14.98720	-4.99933	.00304	235.23980	20.93371	-.01847
4.600	-3.983	-9.94813	-13.93160	-5.96467	.00309	235.23980	20.93376	-.01849
4.600	-1.951	-9.97401	-11.92480	-8.02321	.00309	235.23980	20.92582	-.01844
4.600	-1.006	-10.00777	-11.01420	-9.00134	.00307	235.17303	20.92817	-.01848
4.600	.013	-10.01171	-9.99920	-10.02422	.00307	235.23980	20.92826	-.01854
4.600	.930	-9.99552	-9.06540	-10.92564	.00307	235.30656	20.92544	-.01838
4.600	2.013	-9.99952	-7.98660	-12.01245	.00309	235.23980	20.92552	-.01843
4.600	3.970	-9.97307	-6.00300	-13.94313	.00309	235.17303	20.92541	-.01844
4.600	5.051	-9.99826	-4.94740	-15.04912	.00309	235.30656	20.92499	-.01844
4.600	5.993	-9.98935	-3.99620	-15.98250	.00309	235.17303	20.92511	-.01840
4.600	7.997	-9.98645	-1.98940	-17.98351	.00309	235.30656	20.92522	-.01823
4.600	9.995	-10.04713	-.05220	-20.04206	.00307	235.23980	20.92509	-.01824

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH115)

## REFERENCE DATA

SREF = 2690.0000 FT. SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.046 ELEVON = -10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 256/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-4.994	-9.99326	-14.98720	-4.99933	.00797	395.03928	20.04600	3.01629
2.860	-3.972	-10.00650	-13.97800	-6.03499	.00799	395.88523	20.04930	3.01616
2.860	-2.021	-9.97365	-11.99440	-7.95289	.00798	395.82747	20.04930	3.01597
2.860	-1.025	-10.00079	-11.02580	-8.97577	.00800	395.76970	20.04888	3.01601
2.860	-.015	-10.01343	-10.02820	-9.99865	.00799	395.80821	20.05190	3.01595
2.860	1.011	-9.96599	-8.95520	-10.97678	.00799	395.94300	20.04637	3.01609
2.860	1.988	-9.98005	-7.99240	-11.96770	.00797	395.86598	20.04911	3.01603
2.860	3.996	-10.00473	-6.00880	-14.00067	.00796	395.69267	20.04879	3.01614
2.860	5.017	-9.99358	-4.97640	-15.01076	.00793	395.88523	20.04614	3.01597
2.860	6.005	-9.97775	-3.97300	-15.98250	.00791	395.75044	20.04299	3.01589
2.860	7.991	-9.98006	-1.98940	-17.97072	.00789	395.84672	20.04286	3.01577
2.860	10.029	-10.00623	.02320	-20.03566	.00787	395.73119	20.03975	3.01591

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## LA75 TABULATED SAOUC DATA

PAGE 313

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJM115)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.046 ELEVON = -10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = .000 BDFLAP = .000

RUN NO. 265/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
3.900	-4.989	-10.03304	-15.02200	-5.04408	.00439	300.55791	20.60319	3.00518
3.900	-3.976	-9.97282	-13.94900	-5.99663	.00439	300.57395	20.60032	3.00512
3.900	-1.976	-9.96063	-11.93640	-7.98486	.00440	300.54989	20.60372	3.00509
3.900	-1.025	-9.99469	-11.02000	-8.96938	.00440	300.55791	20.60620	3.00509
3.900	.005	-9.96703	-9.98180	-9.99226	.00440	300.54989	20.60610	3.00482
3.900	.987	-9.98309	-8.99580	-10.97039	.00442	300.60603	20.60620	3.00493
3.900	1.986	-10.00124	-8.01560	-11.98687	.00440	300.58999	20.60891	3.00499
3.900	4.005	-10.00213	-5.99720	-14.00706	.00440	300.59801	20.60906	3.00475
3.900	5.018	-10.01797	-4.99960	-15.03634	.00442	300.60603	20.60629	3.00485
3.900	6.007	-9.96375	-3.96140	-15.97611	.00440	300.63811	20.60912	3.00494
3.900	7.985	-9.98586	-2.00100	-17.97072	.00437	300.60603	20.60859	3.00498
3.900	9.949	-9.98409	-.03480	-19.93337	.00435	300.55791	20.60859	3.00490

RUN NO. 267/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
4.600	-4.990	-10.02085	-15.01040	-5.03129	.00319	235.17303	20.94291	3.00141
4.600	-3.979	-9.96962	-13.94900	-5.99024	.00318	235.23980	20.93960	3.00139
4.600	-2.014	-9.99223	-12.00600	-7.97846	.00319	235.23980	20.93976	3.00151
4.600	-.996	-10.03565	-11.03160	-9.03970	.00319	235.30656	20.93666	3.00147
4.600	-.006	-9.99863	-10.00500	-9.99226	.00319	235.17303	20.93389	3.00136
4.600	.996	-9.97439	-8.97840	-10.97039	.00319	235.10627	20.93117	3.00108
4.600	2.019	-9.99982	-7.98080	-12.01884	.00323	235.17303	20.92851	3.00103
4.600	3.983	-9.98585	-6.00300	-13.95870	.00319	235.17303	20.92822	3.00117
4.600	5.002	-10.00199	-4.99960	-15.00437	.00319	235.23980	20.92545	3.00117
4.600	5.986	-9.95857	-3.97300	-15.94414	.00319	235.23980	20.92262	3.00095
4.600	7.965	-9.95449	-1.98940	-17.91958	.00319	235.23980	20.91971	3.00120
4.600	9.974	-9.93360	.04060	-19.90780	.00316	235.17303	20.92244	3.00112

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH116)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.069 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 64/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-5.018	-9.99208	-15.01040	-4.97375	.00776	395.55788	20.06897	-.01819
2.860	-4.021	-9.92807	-13.94900	-5.90713	.00777	395.05722	20.06534	-.01794
2.860	-2.025	-9.95216	-11.97700	-7.92732	.00780	395.48086	20.06655	-.01816
2.860	-1.032	-9.98220	-11.01420	-8.95020	.00784	395.24978	20.06530	-.01812
2.860	-.035	-9.96986	-10.00500	-9.93472	.00786	395.53863	20.06632	-.01796
2.860	1.015	-9.99357	-8.97840	-11.00875	.00785	395.36532	20.06894	-.01797
2.860	1.965	-9.95767	-7.99240	-11.92294	.00785	395.21127	20.07199	-.01770
2.860	3.981	-9.95537	-5.97400	-13.93674	.00786	395.36532	20.07155	-.01785
2.860	4.973	-9.96712	-4.99380	-14.94044	.00786	395.30755	20.07168	-.01780
2.860	5.966	-9.98497	-4.01940	-15.95054	.00786	395.13425	20.07483	-.01778
2.860	7.997	-9.98036	-1.98360	-17.97712	.00784	395.50011	20.07488	-.01793
2.860	9.941	-9.99279	-.05220	-19.93337	.00781	395.48086	20.07459	-.01785

RUN NO. 35/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
3.900	-5.013	-9.96799	-14.98140	-4.95458	.00414	300.95086	20.60626	-.01925
3.900	-3.971	-10.01259	-13.98380	-6.04138	.00414	300.90275	20.60623	-.01923
3.900	-2.025	-10.00993	-12.03500	-7.98486	.00415	300.92680	20.60635	-.01933
3.900	-1.056	-9.98711	-11.04320	-8.93102	.00414	300.94284	20.60627	-.01933
3.900	-.022	-9.98874	-10.01080	-9.96669	.00414	301.01502	20.60346	-.01954
3.900	1.021	-10.04554	-9.02480	-11.06628	.00414	300.92680	20.60343	-.01945
3.900	2.016	-9.99053	-7.97500	-12.00605	.00414	300.94284	20.60324	-.01950
3.900	4.009	-10.02971	-6.02040	-14.03903	.00415	300.91077	20.60048	-.01960
3.900	4.945	-10.01441	-5.06920	-14.95962	.00415	301.01502	20.60001	-.01965
3.900	5.960	-10.00296	-4.04260	-15.96332	.00415	300.97492	20.60006	-.01963
3.900	8.021	-9.98154	-1.96040	-18.00269	.00414	300.91878	20.59995	-.01965
3.900	10.032	-9.99723	.03480	-20.02927	.00415	300.99898	20.59947	-.01964

## LA75 TABULATED SAOUCE DATA

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LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH116)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.069 ELEVON = -10.000  
 BETA = .000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 51/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
4.600	-5.024	-9.99788	-15.02200	-4.97375	.00285	233.00307	20.93078	-.01922
4.600	-3.979	-9.98181	-13.96060	-6.00303	.00288	233.06984	20.93063	-.01920
4.600	-1.977	-9.99401	-11.97120	-8.01682	.00290	233.06984	20.93059	-.01921
4.600	-1.008	-10.03506	-11.04320	-9.02692	.00292	233.06984	20.93059	-.01924
4.600	-.008	-9.97424	-9.98180	-9.96669	.00290	233.06984	20.92769	-.01923
4.600	1.012	-9.99647	-8.98420	-11.00875	.00293	233.13660	20.92520	-.01934
4.600	1.977	-10.00384	-8.02720	-11.98048	.00292	233.06984	20.92502	-.01933
4.600	4.007	-9.98704	-5.97980	-13.99428	.00292	233.06984	20.92206	-.01939
4.600	4.937	-9.96534	-5.02860	-14.90208	.00292	233.13660	20.92180	-.01920
4.600	5.992	-9.95887	-3.96720	-15.95054	.00293	233.13660	20.91665	-.01943
4.600	8.005	-9.96556	-1.96040	-17.97072	.00293	233.20337	20.91655	-.01932
4.600	9.945	-10.02037	-.07540	-19.96534	.00293	233.13660	20.91617	-.01948

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH117)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.056 ELEVON = -10.000  
 BETA = 3.000 SPDBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 65/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
2.860	-5.016	-9.98308	-14.99880	-4.96736	.00788	395.76970	20.05579	3.01508
2.860	-4.000	-9.98992	-13.99960	-5.99024	.00790	395.32681	20.05531	3.01501
2.860	-2.034	-9.95476	-11.98860	-7.92093	.00790	395.57714	20.05607	3.01493
2.860	-.997	-10.00517	-11.00260	-9.00774	.00789	395.61565	20.05347	3.01512
2.860	.002	-9.98393	-9.98180	-9.98587	.00789	395.53863	20.05048	3.01500
2.860	.969	-9.97611	-9.00740	-10.94482	.00787	395.42309	20.05296	3.01503
2.860	1.977	-9.95827	-7.98080	-11.93573	.00784	395.59639	20.05047	3.01495
2.860	3.997	-9.96526	-5.96820	-13.96231	.00780	395.57714	20.04990	3.01476
2.860	4.989	-9.97701	-4.98800	-14.96601	.00777	395.40363	20.04987	3.01491
2.860	6.002	-9.97455	-3.97300	-15.97611	.00771	395.65416	20.04720	3.01479
2.860	7.994	-9.98326	-1.98940	-17.97712	.00768	395.23053	20.04119	3.01478
2.860	9.999	-9.95308	.04640	-19.95255	.00765	395.07648	20.04044	3.01453



## LA75 TABULATED SAOUCE DATA

PAGE 316

LARC UPWT 1173(LA75)B26C9E43F8M16N28R5V8W

(SJH117)

## REFERENCE DATA

SREF = 2690.0000 FT.SQ. XMRP = 1076.7000 IN. XO  
 LREF = 474.8000 INCHES YMRP = .0000 IN. YO  
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO  
 SCALE = .0150

## PARAMETRIC DATA

ALPHA = 20.056 ELEVON = -10.000  
 BETA = 3.000 SPCBRK = 52.700  
 RUDDER = -10.000 BDFLAP = .000

RUN NO. 37/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
3.900	-4.957	-10.00114	-14.95820	-5.04408	.00427	301.01502	20.61151	3.00496
3.900	-4.007	-10.02391	-14.03020	-6.01581	.00427	300.99898	20.61709	3.00499
3.900	-2.019	-10.01022	-12.02920	-7.99125	.00427	300.99096	20.62043	3.00501
3.900	-1.020	-9.97060	-10.99100	-8.95020	.00429	301.01502	20.61743	3.00495
3.900	-.023	-9.96436	-9.98760	-9.94111	.00427	300.98294	20.62658	3.00495
3.900	1.005	-10.03566	-9.03060	-11.04071	.00426	300.97492	20.62914	3.00495
3.900	2.017	-10.01491	-7.99820	-12.03163	.00427	300.98294	20.62897	3.00489
3.900	3.986	-10.01953	-6.03200	-14.00706	.00426	301.00700	20.62890	3.00484
3.900	5.021	-10.00287	-4.98220	-15.02355	.00427	301.02304	20.63523	3.00443
3.900	8.010	-9.99314	-1.98360	-18.00269	.00426	301.07115	20.62871	3.00519
3.900	9.952	-9.98728	-.03480	-19.93977	.00427	301.08719	20.63154	3.00522

RUN NO. 52/ 0 RN/L = .00

MACH	AILRON	ELEVON	ELVN-L	ELVN-R	CAC	Q(PSF)	ALPHA	BETA
4.600	-5.001	-9.96858	-14.96980	-4.96736	.00301	233.20337	20.93647	3.00014
4.600	-3.996	-10.00531	-14.00120	-6.00942	.00304	233.20337	20.93636	3.00019
4.600	-2.007	-9.99862	-12.00600	-7.99125	.00302	233.20337	20.93629	3.00018
4.600	-1.004	-9.98658	-10.99100	-8.98217	.00302	233.20337	20.93364	3.00013
4.600	.013	-9.96004	-9.94700	-9.97308	.00302	233.20337	20.93344	3.00022
4.600	.992	-10.01068	-9.01900	-11.00235	.00304	233.20337	20.93074	3.00018
4.600	2.014	-9.96614	-7.95180	-11.98048	.00304	233.06984	20.93086	2.99997
4.600	3.986	-9.99515	-6.00880	-13.98149	.00304	233.20337	20.93088	2.99991
4.600	5.022	-9.97559	-4.95320	-14.99798	.00304	233.13660	20.93054	2.99991
4.600	5.998	-9.97136	-3.97300	-15.96971	.00304	233.20337	20.92797	2.99998
4.600	8.016	-10.00553	-1.98940	-18.02187	.00306	233.13660	20.92781	3.00001
4.600	9.957	-10.02096	-.06380	-19.97812	.00301	233.13660	20.93006	3.00002