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NASA-CR-160,825

RESULTS OF INVESTIGATIONS ON A 0.004 SCALE
140C MODIFIED CONFIGURATION SPACE SHUTTLE VEHICLE
ORBITER MODEL (74-0)
IN THE NASA/LANGLEY RESEARCH CENTER
20-INCH MACH 6 TUNNEL (LA141 A/B)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES
HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

May 1981

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Prepared under NASA Contract Number NAS9-16283

by

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	20-Inch M-6-6546
NASA Series Number:	LA141A/B
Model Number:	74-0
Test Dates:	January 4 through 31, 1980 (LA141A) May 9 through June 16, 1980 (LA141B)
Occupancy Hours:	148 (LA141A) 208 (LA141B)

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ABSTRACT

This report documents data obtained during wind tunnel tests of a 0.004-scale 140C modified configuration SSV Orbiter in the NASA/Langley Research Center 20-inch Mach 6 tunnel. The tests were in two phases. The first phase, conducted at a constant Reynolds number of approximately 4.5×10^6 per foot, was in January, 1980 and utilized 148 occupancy hours. The second phase, run at several different Reynolds numbers from 2.3 to 8.3×10^6 per foot was conducted during May and June of 1980 utilizing some 208 tunnel occupancy hours. All data were obtained at a nominal Mach number of 6.0. The complete 140C modified model was tested with various elevon, aileron, body flap, and speed brake settings. Test LA141A, the first phase, was conducted over an angle of attack range from -50 to 60 degrees at constant sideslip angles from -5 to 5 degrees. Test LA141B, the second phase, was conducted primarily over an angle of sideslip range from -2 to 2 degrees in small increments at constant angles of attack from 16 to 35 degrees.

Purposes of these tests were to: (1) determine the Orbiter's dynamic directional stability and control characteristics at high angles of attack; (2) determine effects of negative angles of attack and sideslip for contingency abort; (3) obtain small increments of negative angle of attack to check other data results; (4) validate M = 6 data by reducing interpolation errors between M = 5 and M = 8 results.

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(A) C_N, C_A, C_m, C_L, C_{D_f}, L/D_f, C_Y, C_n(BODY), C_ℓ(BODY) versus α; C_L versus C_{D_f}

(B) C_N, C_A, C_m, C_L, C_{D_f}, L/D_f versus α; C_L versus C_{D_f}

(C) C_Y, C_n(BODY), C_ℓ(BODY) versus β

(D) $C_{n_{\beta(\text{dynamic})}}$, C_{n_β}(per deg), C_{ℓ_β}(per deg), C_{Y_β}(per deg) versus α

(E) C_A, C_N, C_m, C_L, C_{D_f}, L/D_f versus α

(F) C_{Y_β}(per deg), C_{n_β}(per deg), C_{ℓ_β}(per deg) versus α

NOMENCLATURE

Body-Axis System

SYMBOL	MNEMONIC	DEFINITION
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	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n(BODY)	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ(BODY)	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift force}}{qS}$
C_{D_f}	CDF	drag coefficient; $\frac{\text{drag force}}{qS}$
L/D_f	L/DF	lift-to-drag ratio; C_L/C_{D_f}

NOMENCLATURE (Continued)

General

SYMBOL	MNEMONIC	DEFINITION
a		speed of sound; m/sec, ft/sec
C_{ℓ_β}	DCBLDB	rolling moment coefficient derivative with beta, per degree
C_{n_β}	DCYNDB	yawing moment coefficient derivative with beta, per degree
$C_{n_{\beta(dyn)}}$ or (dynamic)	DCYN	dynamic yawing moment coefficient derivative with beta $C_{n_{\beta(dyn)}} = C_{n_\beta} \cos\alpha - (I_Z/I_X)\, C_{\ell_\beta} \sin\alpha$
C_p	CP	pressure coefficient: $(p_\ell - p_\infty)/q$
C_{pb}	CPB	average base pressure coefficient
C_{Y_β}	DCY/DB	side force coefficient derivative with beta, per degree
IML		inner mold line
I_Z/I_X		moments of inertia ratio = 7.69
M	MACH	Mach number; V/a
MRC		moment reference center
OML		outer mold line
p	P	static pressure; N/M^2, psf
P_b	PB	Average base pressure; N/M^2, psf
P_T	PT	total 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
X_{cp}/ℓ_B	XCP	longitudinal center of pressure location, fraction of body length

NOMENCLATURE (Continued)

General

SYMBOL	MNEMONIC	DEFINITION
X_o		Orbiter longitudinal station, in.
Y_{cp}	YCP	lateral center of pressure location
Y_o		Orbiter lateral station, in.
Z_o		Orbiter vertical station, in.
α	ALPHA	angle of attack, degrees
α_i		wing incidence angle, degrees
β	BETA	angle of sideslip, degrees
δ_{BF}	BDFLAP	body flap deflection angle, degrees
δ_R	RUDDER	rudder deflection angle, degrees
δ_{SB}	SPDBRK	speedbrake deflection angle, degrees
δ_a	AILRON	aileron, total aileron deflection angle, degrees, (left elevon - right elevon)/2
δ_e	ELEVON	elevon surface deflection angle, positive deflection trailing edge down, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$

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
$\bar{c}$		wing mean aerodynamic chord; m, ft

NOMENCLATURE (Concluded)

Reference & C.G. Definitions

SYMBOL	MNEMONIC	DEFINITION
ℓ_{REF}	LREF	reference length
S_{REF}	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
∞	free stream

CONFIGURATIONS INVESTIGATED

The 140C modified vehicle utilized is a basic aircraft with a blended wing body design and a double delta wing. It has full span elevons and a single centerline vertical tail with rudder and/or speed-brake capability. A body flap and short pod orbital maneuvering system (OMS) were mounted on the aft fuselage bottom edge and upper sidewalls, respectively. A compilation of the configuration control surface deflections tested are given in Table II.

The following letter designations are used to denote the components of the -140C modified configurations:

B_{62} Fuselage to the outer mold line contours of drawings VL70-000202B, -000200B and 000203 for the aft body contour (except OMS), the VL70-000202B drawing was used in lieu of the C revision specified on the VL70-000140C control drawing since the C revision was not available. The MPS nozzles are not simulated.

C_{12} Canopy to VL70-000202B lines; see B_{62} above.

E_{43} Elevon used with VL70-000200B wing, with 6" gaps. The hinge line is unswept and located at $X_0 = 1387$.

F_{10} Center pivot body flap hinge line at $X_0 = 1532$ and planform as denoted on VL70-000200B drawing.

M_{14} Baseline short nose Orbital Maneuvering System (OMS) pods mounted on the upper base of the fuselage. Shape is defined by drawing VL70-08457. Rocket engine nozzles are simulated.

R_5 Rudder utilized with V_8 vertical tail and shown on VL70-000146A.

CONFIGURATIONS INVESTIGATED (Concluded)

V_8 — 45° sweep leading edge single centerline mounted vertical tail of modified diamond section as per VL70-000146A.

W_{127} — VL70-000200B wing. Wing is of $81^o/45^o$ sweep leading edge and is 6 inches F.S. thicker at the body than -140A. Airfoil is RIC modified NASA 0011.3 at Y_o = 199, 0012-64 at theoretical tip, $\alpha_i = +0^o$ 30' dihedral = 3° 30' at TE., tip is defined by VL70-006092.

Component descriptor sheets are given in Table III.

The tested configurations were denoted as:

140C modified = $B_{62}\ C_{12}\ E_{43}\ F_{10}\ M_{14}\ R_5\ V_8\ W_{127}$

FACILITY DESCRIPTION

The NASA/Langley 20-Inch M-6 Tunnel is a blowdown facility with air as the test medium. The test Mach number is achieved with a fixed geometry two-dimensional contoured nozzle which goes into a 20.5 by 20.0 inch test section. The model support system has an injection capability with an angle-of-attack range from 0° to 55° and an angle-of-sideslip range from 0° to -10°. A reference Mach number is determined from a pitot probe mounted in the upper wall of the test section. The tunnel has a movable second minimum and exhausts either into the atmosphere with the aid of an annular air ejector or into vacuum spheres. The tunnel air is heated by electrical resistance heaters. One hundred analog and seven digital channels of data can be recorded on a central data recording system. The range of tunnel operating conditions are as follows:

Stagnation pressure	30 to 525 psia
Stagnation temperature	810 to 1018° R
Reynolds number	$.7 \times 10^{6}$/ft to 9×10^{6}/ft
Dynamic pressure	.8 to 8.7 psia
Maximum run time	
with 1 vacuum sphere	1 minute
with 2 vacuum spheres	1.5 minutes
with ejector	20 minutes

Actual operating conditions for this test are listed in Table I.

DATA REDUCTION

Those data presented were obtained with an internal strain gauge balance at one set of tunnel conditions only (see Table I). Data were converted to standard NASA force and moment coefficients and are presented about a nominal moment reference center in the body axis system.

Additionally, the normal force center of pressure is presented as:

$$X_{cp}/\ell_B = \frac{X_{CG}}{\ell_B} - \frac{C_m\ (\bar{c})}{C_N\ \ \ell_B}$$

where X_{cp} is the longitudinal distance from the inner mold line nose station (X_o = 238 inches full scale) to the center of pressure. X_{CG} is the distance from inner mold line to the moment reference point (X_{CG} = XMRP - 238 = 838.7 inches). The body length (ℓ_B) is 1290.3 inches.

The following reference dimensions were used to reduce the data to coefficient form:

S_{ref} = 2690.0 ft^2

LREF = $\bar{c}$ = 474.81 in.

BREF = b = 936.68 in.

X_{MRP} = 1076.7 in. X_o

Y_{MRP} = 0.0 in. Y_o

X_{MRP} = 375.0 in. Z_o

DATA REDUCTION (Concluded)

Beta derivatives were calculated from the alpha variant data by subtracting the 0° beta data from the $\pm 1^{o}$ beta condition where available. Otherwise the $\pm 2^{o}$ beta condition was used.

$$C_{x_\beta} = (C_{x(\beta \neq 0)} - C_{x(\beta = 0)})/\Delta\beta$$

where $x = \ell$, n, or Y

The dynamic yawing moment derivative was calculated by the following equation:

$$C_{n_{\beta(dyn)}} = C_{n_\beta} \cos \alpha - (I_Z/I_X)\, C_{\ell_\beta} \sin \alpha$$

where $(I_Z/I_X) = 7.69$

Discussion

Results from test LA-141A showed large lateral-directional instabilities for $\delta_{SB} = 85^{o}$ and for angles of attack near 20°, especially compared to previous values which were interpolated from M = 5 and 8 data. LA-141B was designed as a diagnostic test to answer questions raised in LA-141A such as sting effects, flow angularity, model symmetry, data reduction errors, and Reynolds number effects. By conducting the diagnostic tests with the model in several roll attitudes, a smaller sting, a more sensitive balance and with fine-cut, hysteresis sweeps in side-slip at a constant α; LA-141B (for Rn = 2.3 x 10^{6}/ft.) determined conclusively that the measured instabilities were due to an aerodynamic phenomenon. Further diagnostic tests pointed towards the fact that this phenomenon was dependent upon the configuration of the OMS pods and speedbrake. LA-141B runs conducted at a higher Reynolds number using the original LA-141A balance and sting are also included in this document, but the data should be handled carefully since there are indications that several of the values are affected by balance temperature problems that occurred during the latter portion of the data acquisition sequence.

TABLE I

TEST : LA141 | DATE

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
6.0	2.3×10^6/ft	2.0	370
6.0	4.5×10^6/ft	4.0	400
6.0	8.3×10^6/ft	8.0	425

BALANCE UTILIZED: 2040 (LA141A) CF4-3 (LA141B)

	CAPACITY: 2040	CAPACITY: CF4-3	ACCURACY:	COEFFICIENT TOLERANCE: 2040	COEFFICIENT TOLERANCE: CF4-3
N_F (lbs)	100	15	±0.5% of full scale	±.031	±.005
S_F (lbs)	10	3	±0.5% of full scale	±.003	±.001
A_F (lbs)	10	3	±0.5% of full scale	±.003	±.001
P_M (lbs-in)	60	10	±0.5% of full scale	±.010	±.0015
R_M (lbs-in)	10	2	±0.5% of full scale	±.001	±.00015
Y_M (lbs-in)	5	3	±0.5% of full scale	±.0006	±.00025

COMMENTS:

TABLE II

 JEV

TEST: LA141^(20"M6-6546)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 3/12/80

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS α	φ	δ_{eL}	δ_{eR}	δ_{SB}	δ_{BF}	δ_R	SWEEP	ANGLE of SIDESLIP, β (degrees) -5	-3	-2	-1	0	1	2	3	5
RKZ001	MODEL 74-φ	A	180	0	0	0	0	0.10	2					98	100	101	102	103
02		B	0			0			1	95	94	93	91	90				
03		A	180			25		2.40	2					109	108	107	106	105
04		B	0						1	85	87	86	89	88				
05		C	0						1	69	66	64/65*	68	53/54*				
06		A	180			55		0.80	2					110		111		
07		B	0						1	84	83	82	81	80				
08		C	0						1			62/63*		55/56*				
09		A	180			85		1.40	2					113		112		
10		B	0						1			78		77				
11		C	0						1	70	71	60/61*	72	58/59*				
12		C	0			25	-11.7	2.40	1					16/17*				
13		C	0				16.3		1					18/21*				
14		C	0				22.5		1					14/23*				
15		C	0				22.5		1					15				
16		C	0			55	22.5	0.80	1					24				

TEST RUN NUMBERS

$RN/L = 4.5 \times 10^6$

MACH = 6.0

A) -50°, -40°, -30°, -20°, -10°, -8°, -6°, -4°, -2°, 0°

α OR β SCHEDULES

B) -2°, 0°, 10°, 20°, 25°, 30°

C) 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°

* COMBINED RUNS

SWEEP
1 - α INCREASING
2 - α DECREASING

COEFFICIENT SCHEDULE: "R" datasets: CN,CLM,CA,CY,CYN,CBL,CL,CDF,L/DF,XCP
"S" datasets: MACH,RN/L,Q,PT,P,PB,CPB,CAB,CAF,YCP

TABLE II (Continued)

TEST: LA141A (20"M6-6546)

DATA SET/RUN NUMBER COLLATION SUMMARY

PAGE 2 of 4 JEV

DATE: 3/12/80

DATA SET IDENTIFIER	CONFIGURATION	α	φ	δ_{eL}	δ_{eR}	δ_{SB}	δ_{BF}	δ_R	M	SWEEP	RN/L	ANGLE of SIDESLIP ~β (°) 0	-1	-2	-3	-5
RKZ017	MØDEL 74-Ø	C	0	-35	-35	25	0	2.40	6.0	1	4.5	27/28*				
18		C		-20	-20							29/31*				
19		C		-10	-10							32/33*				
20		C		-5	-5							34/35*				
21		C		5	5							36/37*				
22		C		5	5							51/52*				
23		C		10	10							40/41*				
24		C		20	20							44/45*				
25		C		0	10							42/43*				
26		C		-5	5							46/47*				
27		C		-10	0							49/50*				

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: C = 20° → 60°

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

* COMBINED RUNS

NASA-MSFC-MAF

TABLE II (Continued)

TEST: LA141B (20" M6-6546)

DATA SET RUN NUMBER COLLATION SUMMARY

DATE: 8/18/80

DATA SET IDENTIFIER	CONFIGURATION	α	φ	δ_e	δ_R	δ_{SB}	δ_{BF}	SWEEP	P_0	R_N/L		ANGLE of SIDESLIP ~ β (degrees) -2	-1	-.5	0	.32	.85	
RKZ028	MODEL 74-φ	A_1	180	0	1.4	85	0	1	250	4.5						157	158	
29		A_2	0						250	4.5			162		161			
30		A_3	0						125	2.3		167	166	170	163			
31		A_3	0						125	2.3					171			
											ANGLE OF ATTACK ~ α (degrees)							
		β									15.6	16.9	18.9	20.0	20.5	21.0	23.0	24.9
RKZ032		B_1	-90	0	0.8	55	0	1	125	2.3	188	194	195	202		199	200	186
33		B_1	-90	0	1.4	85	0	1	125	2.3	192	193	197	178		198	201	184
34		B_1	-90	0	1.4	85	0	1	250	4.5					180			
										16.0	18.9	20.0	21.0	23.0	24.9	25.7	30.0	35.0
RKZ035	φMS OFF	B_{21}	-90	0	0.1	0	0	1	125			206						
36		B_{22}	-90	0	0.1	0	0	2	125			706						
37		B_{21}	-90	0	1.4	85	0	1	125			207						
38		B_{22}	-90	0	1.4	85	0	2	125			707						
39		B_{21}	-90	0	1.4	85	0	1	125			211						
40		B_{22}	-90	0	1.4	85	0	2	125			711						

RUN NUMBER

MACH = 6.0

SWEEP
1 - α/β INCREASING
2 - α/β DECREASING

α OR β SCHEDULES

A_1 = 11°, 15°, 17°, 19°, 20°

A_2 = 11°, 15°, 17°, 19°, 20°, 21°, 23°, 25°, 27°

A_3 = 11°, 15°, 17°, 19°, 20°, 21°, 23°, 25°, 27°, 30°, 35°

B_1 = -3° → 3°

B_{21} = -2° → +2° ; B_{22} = +2° → -2°

TABLE II (Concluded)

TEST: LA141B (20" M6-6546)

DATA SET/RUN NUMBER COLLATION SUMMARY

PAGE 4 of 4 JEV

DATE: 8/18/80

DATA SET IDENTIFIER	CONFIGURATION	β	φ	δ_E	δ_R	δ_{SB}	SWEEP	RN/L	P_o	ANGLE of ATTACK ~ α (degrees) 16.0	18.9	20.0	21.0	23.0	24.9	25.7	30.0	35.0
RKZ041	MODEL 74-φ {V.T. OFF, OMS OFF}	B21	-90	0	—	—	1	2.3	125			210						
42	↓	B22	-90	↓	—	—	2	↓	↓			710						
43	MODEL 74-φ	B21	-90		.10	0	1					205						
44		B22	-90		.10	0	2					705						
45		B21	-90		.80	55	1					203						
46		B22	-90				2					703						
47		B21	90				1									223	222	221
48		B22	90				2	↓	↓							723	722	721
49		B31	-90				1	8.3	500	249	250	244	246	248	247			
50		B32	-90	↓	↓	↓	2	8.3	500	749	750	744	746	748	747			
51		B21	90	0	1.4	85	1	2.3	125							217	219	220
52		B22	90				2									717	719	720
53		B21	-90				1				214	204	212	213				
54		B22	-90				2	↓	↓		714	704	712	713				
55		B31	-90				1	8.3	500	238	235	234	236	237	233			
56		B32	-90	↓	↓	↓	2	8.3	500	738	735	734	736	737	733			

TEST RUN NUMBERS

MACH = 6.0 BODY FLAP = 0

α OR β SCHEDULES: $B_{21} = -2° \rightarrow 2°$; $B_{22} = 2° \rightarrow -2°$; $B_{31} = -1.5° \rightarrow 1°$; $B_{32} = 1° \rightarrow -1°$

SWEEP
1 - α/β INCREASING
2 - α/β DECREASING

TABLE III MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B_{62}

GENERAL DESCRIPTION : Configuration 140C orbiter fuselage. MCR 200-R_4. Similar to 140A/B fuselage except aft body revised and improved midbody-wing-boot fairing. X_o = 950 to X_o = 1040.

MODEL SCALE: 0.004

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

DIMENSIONS :		FULL SCALE	MODEL SCALE
Length (OML: Fwd Sta. X_o=235)	In.	1293.3	5.173
Length (IML: Fwd Sta. X_o=238)	In.	1290.3	5.161
Max. Width (@ X_o = 1528.3)	In.	264.0	1.056
Max Depth (@ X = 1464)	In.	250.0	1.000
Fineness Ratio (OML Length/Max. Width)		4.899	4.899
Area - Ft^2			
Max. Cross-Sectional		340.885	0.0055
Planform			
Wetted			
Base			

TABLE III (CONT'D)

MODEL COMPONENT : CANOPY - C_{12}

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

MODEL SCALE: 0.004

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

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o =434.643 to 578) In.	143.357	0.573
Max Width (@ X_o = 513.127). In.	152.412	0.610
Max Depth (Z_o = 501 to 449.39). In.	51.61	0.206
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E_{43}

GENERAL DESCRIPTION: Configuration 140A/B orbiter elevons.

DATA are for one side, used on 74-0 model with W_{127}. E_{43} is 6" F.S. straight slotted gap version of E_{26}. gaps are at elevon body flare juncture and at Y_o = 311.0 MODEL SCALE: 0.004

DRAWING NUMBER: VL70- 000200, -006089, -006092
R80006 Lockheed Missile & Space Co., Huntsville, Ala.

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.0	0.003
Span (equivalent). In.	349.2	1.397
Inb'd equivalent chord. In.	118.004	0.472
Outb'd equivalent chord. In.	55.192	0.221
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Product of area & $\bar{c}$) Ft^3	1587.25	0.0001
Mean Aerodynamic Chord, In.	90.7	0.363

TABLE III (CONT'D)

MODEL COMPONENT : BODY FLAP - F_{10}

GENERAL DESCRIPTION : Configuration 140C body flap. Hingeline located at X_o = 1532, Z_o = 287.

MODEL SCALE: 0.004

DRAWING NUMBER : VL70-000140C, VL70-355114

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o=1525.5 to 1613) In.	87.50	0.350
Max Width (@ L.E., X_o = 1525.5). In.	256.00	1.024
Max Depth (X_o = 1532). In.	19.798	0.792
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional (@ H.L.)	35.196	0.00056
Planform	135.00	0.0022
Wetted		
Base (@ X_o = 1613)	4.89	0.000078

TABLE III (CONT'D)

MODEL COMPONENT : OMS POD - M_{14}

GENERAL DESCRIPTION : Preliminary IML version of short OMS pod.

(First used on 0.015 scale Model 36-0 for test No. OA83).

MODEL SCALE: .004

DRAWING NUMBER : VL70-008457

DIMENSIONS : (For 1 of 2 sides)	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o =1311), In.	254.0	1.036
Max Width (@ X_o = 1511) In.	135.6	0.5424
Max Depth (@ X_o = 1511). In.	73.6	0.2944
Fineness Ratio	2.54080	2.54080
Area - Ft^2		
Max. Cross-Sectional	54.507	0.00087
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT: RUDDER - R_5

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

MODEL SCALE: 0.004

DRAWING NUMBER: VL70-000146B -000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	100.15	0.0016
Span (equivalent) . In.	201.00	0.804
Inb'd equivalent chord . In.	91.585	0.366
Outb'd equivalent chord In.	50.833	0.203
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Tailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of Area & $\bar{c}$) . Ft^3	610.92	0.000039
Mean Aerodynamic Chord In.	73.2	0.293

TABLE III (CONT'D)

MODEL COMPONENT: VERTICAL - V_8

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

MODEL SCALE: 0.004

DRAWING NUMBER: VL70-000140C, -000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.253	0.0068
Span (Theo) - In.	315.72	1.263
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
Trailing Edge	26.2	26.2
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo) WP	268.50	1.074
Tip (Theo) WP	108.47	0.434
MAC	199.81	0.799
Fus. Sta. of .25 MAC	1463.35	5.853
W.P. of .25 MAC	635.52	2.542
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Leading Wedge Angle - Deg.	10.000	10.000
Trailing Wedge Angle - Deg.	14.92	14.92
Leading Edge Radius	2.00	0.008
Void Area	13.17	0.00021
Blanketed Area	0.0	0.0

TABLE III. (Concluded)

MODEL COMPONENT: WING-W_{127}

GENERAL DESCRIPTION: Configuration 140C orbiter wing, MCR 200-R_4, similar to 140A/B wing W_{116} but with refinements: improved wing-boot-midbody fairing (X_o = 940 to X_o = 1040).

MODEL SCALE: 0.004

TEST NO. DWG. NO. VL70-000140C, -000200B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	0.043
Span (Theo In.	936.68	3.747
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Sweep Back Angles, degrees		
Leading Edge	34.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.O.O.	689.24	2.757
Tip, (Theo) B.P.	137.85	0.551
MAC	474.81	1.899
Fus. Sta. of .25 MAC	1136.83	4.547
W.P. of .25 MAC	290.58	1.162
B.L. of .25 MAC	182.13	0.729
EXPOSED DATA		
Area (Theo) Ft^2	1751.50	7.006
Span, (Theo) In. BP108	720.68	2.883
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	2.248
Tip 1.00 $\frac{b}{2}$	137.85	0.551
MAC	392.83	1.531
Fus. Sta. of .25 MAC	1185.98	4.744
W.P. of .25 MAC	294.30	1.177
B.L. of .25 MAC	251.77	1.007
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area Ft^2	113.18	0.0018
Leading Edge Intersects Fus M. L. @ Sta	500.00	2.000
Leading Edge Intersects Wing @ Sta	1024.00	4.096

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

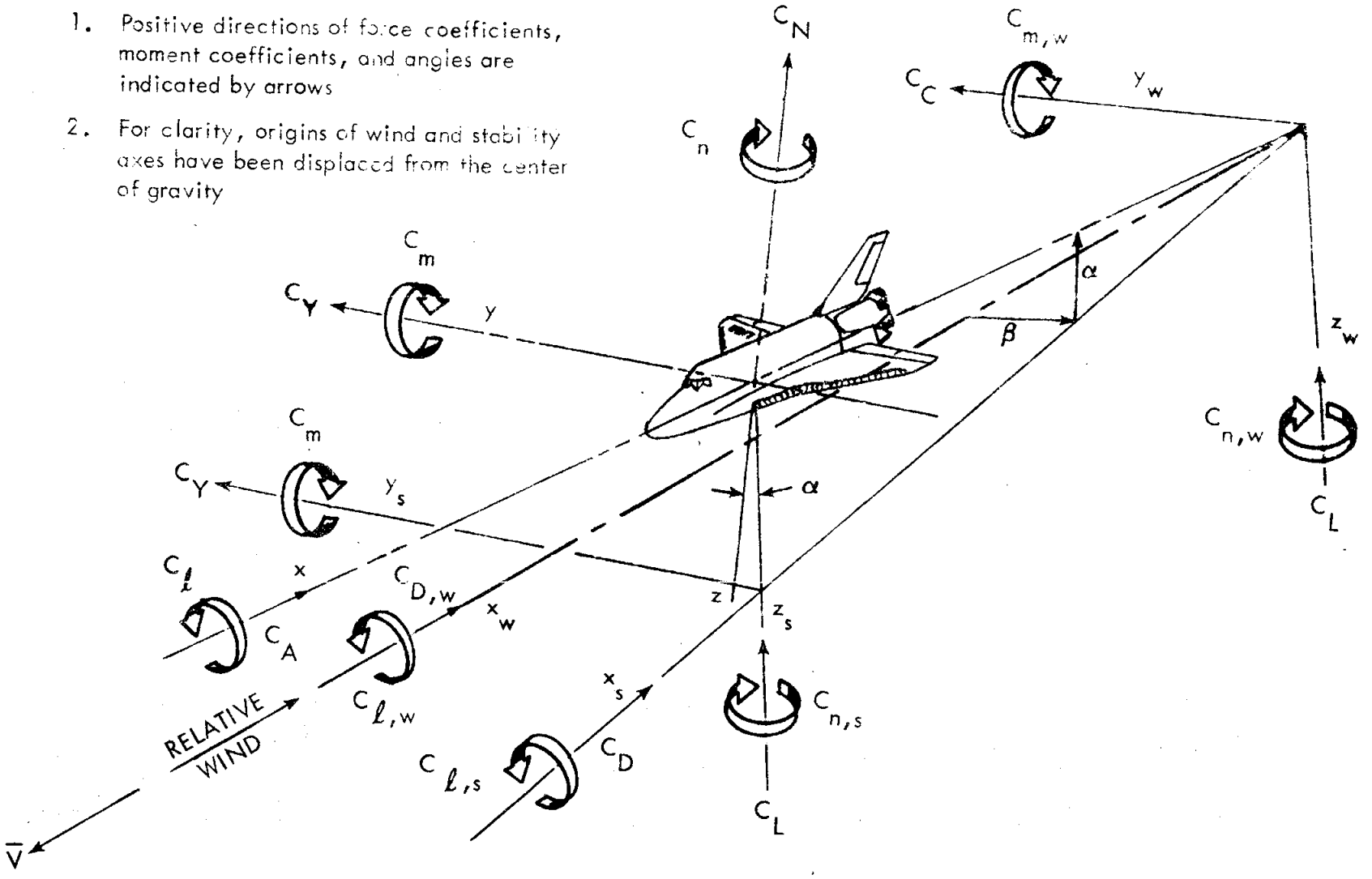


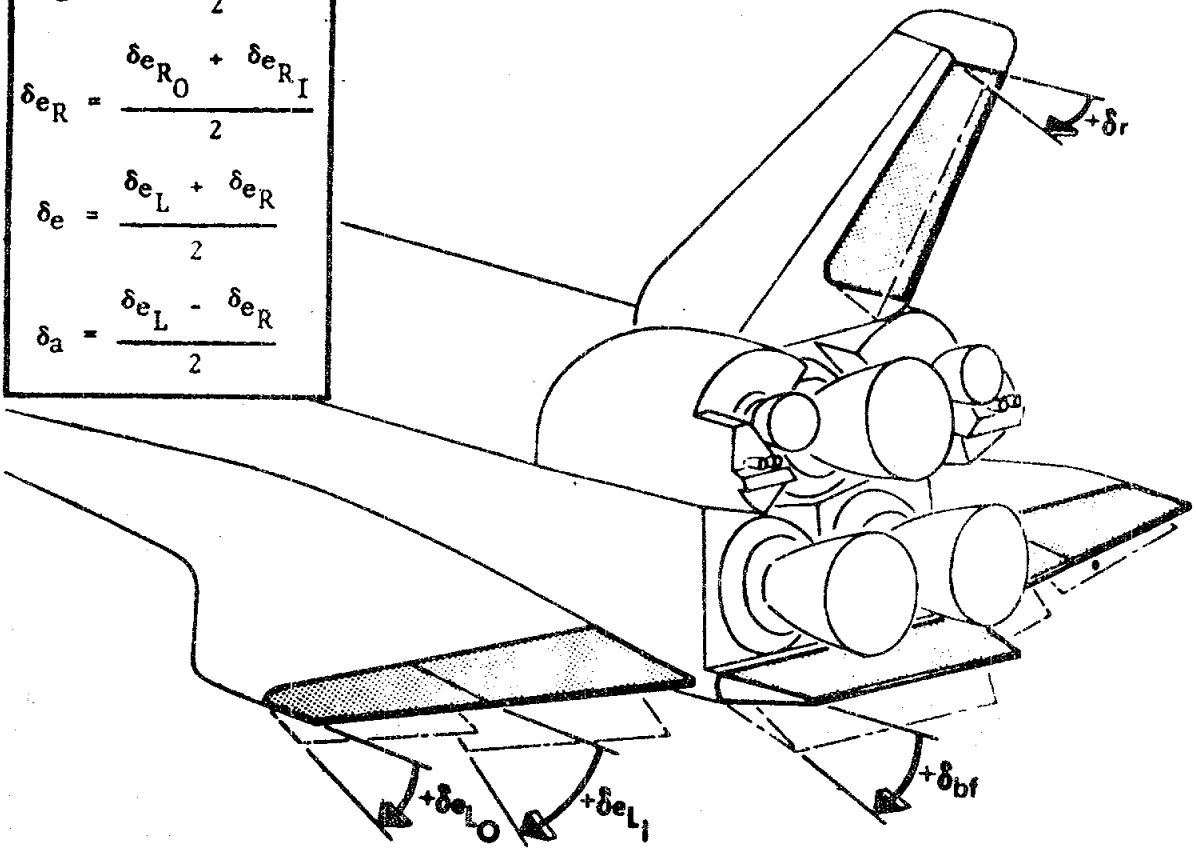
Figure 1a. Axis Systems

$$\delta_{e_L} = \frac{\delta_{e_{L_O}} + \delta_{e_{L_I}}}{2}$$

$$\delta_{e_R} = \frac{\delta_{e_{R_O}} + \delta_{e_{R_I}}}{2}$$

$$\delta_e = \frac{\delta_{e_L} + \delta_{e_R}}{2}$$

$$\delta_a = \frac{\delta_{e_L} - \delta_{e_R}}{2}$$



Positive Deflection of	Angle	Aero Forces and Moments	Hinge Moment
Rudder, δr	$+\beta$, $-\psi$	$+C_Y$, $-C_n$	$-C_{h_r}$
Elevon, δ_e	$-\alpha$, $-\theta$	$-C_m$	$-C_{h_e}$
Right, δ_{e_R}	$-\phi$	$-C_\ell$	$-C_{h_{e_R}}$
Left, δ_{e_L}	$+\phi$	$+C_\ell$	$-C_{h_{e_L}}$
Aileron, δ_a	$+\phi$	$+C_\ell$	
Body Flap, δ_{bf}	$-\alpha$, $-\theta$	$-C_m$	$-C_{h_{bf}}$

Figure 1b. Control Surface Deflections

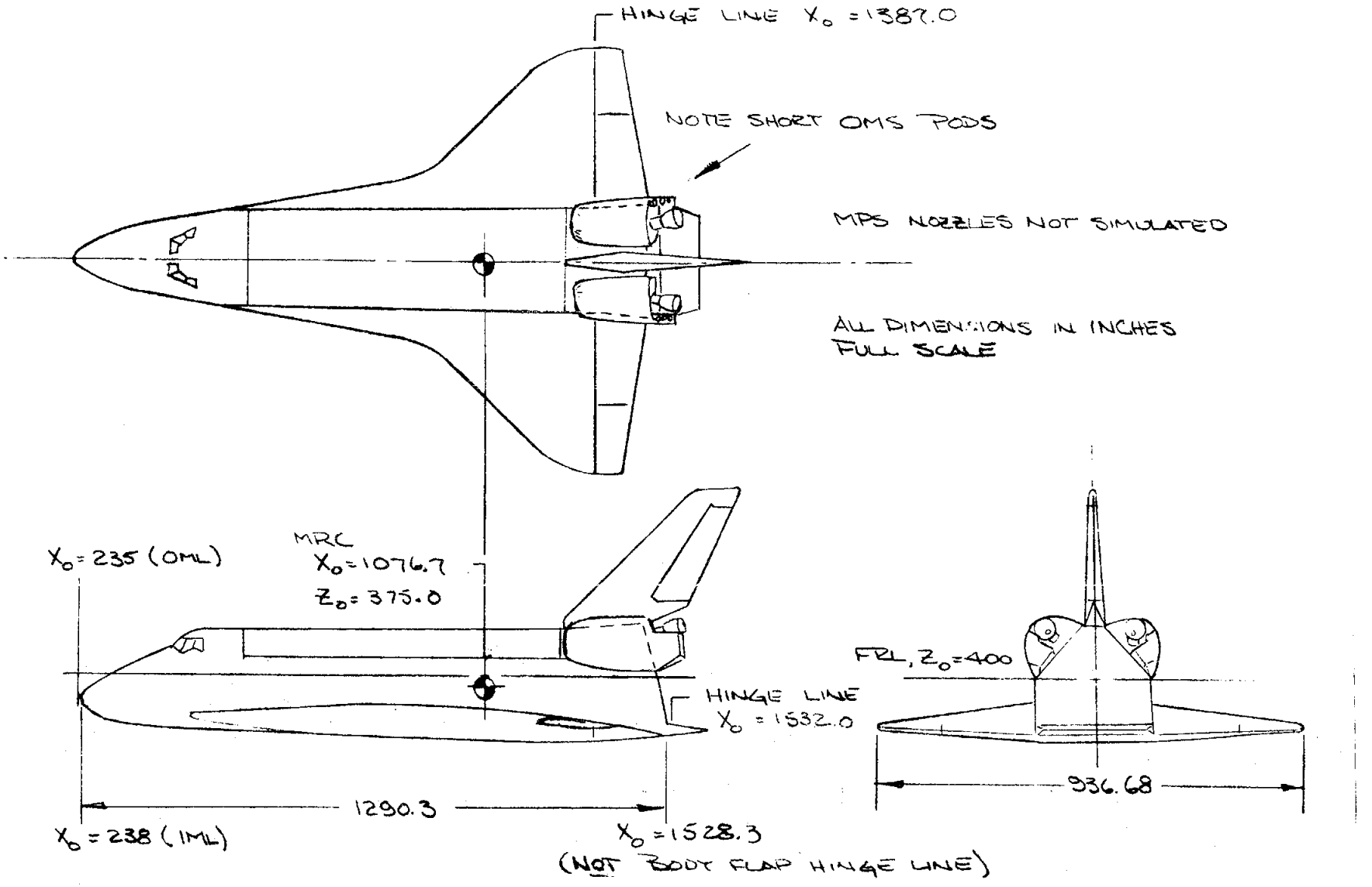


Figure 2. - 140C Modified Orbiter

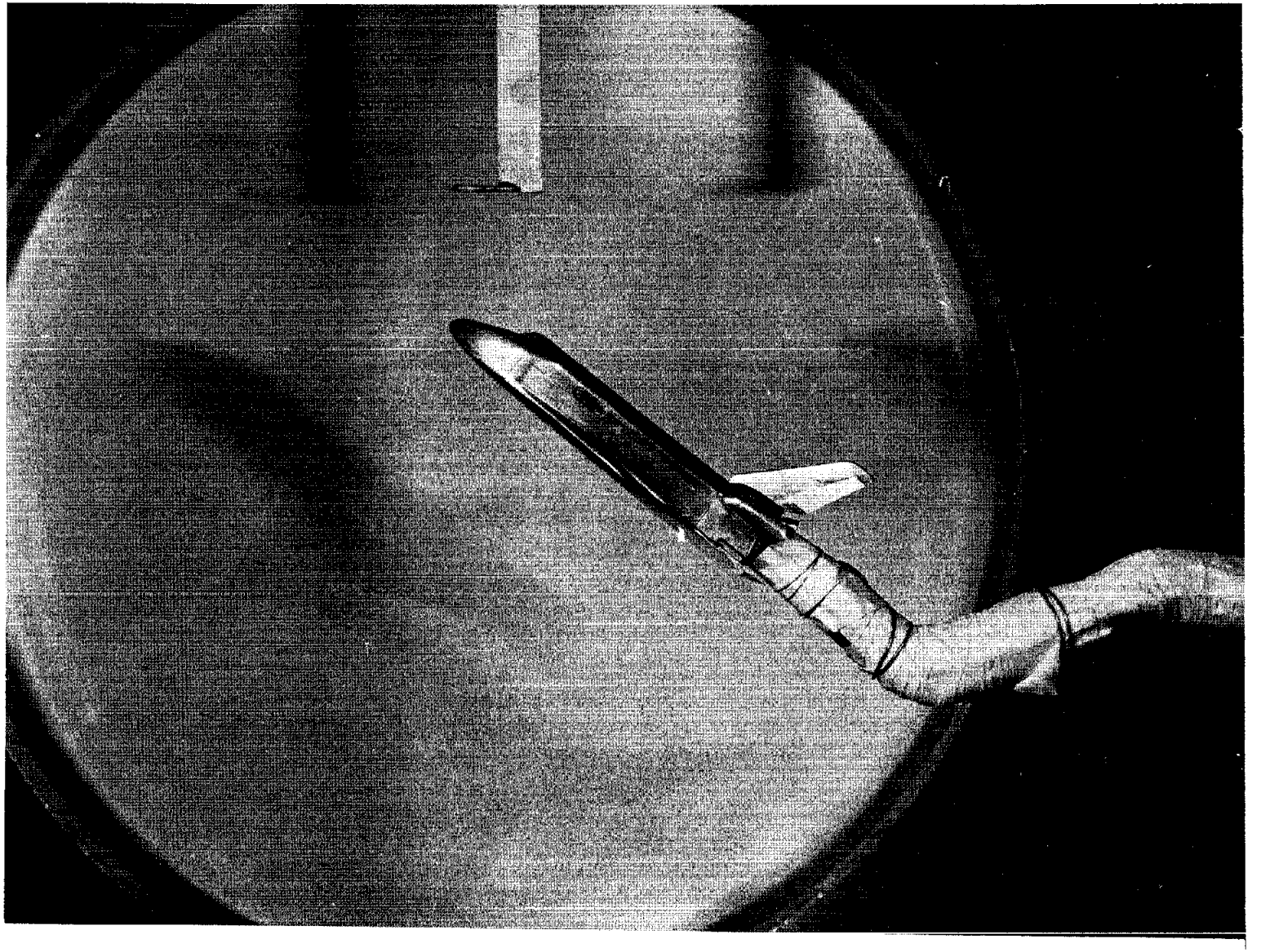


Figure 3a. LA141A Tunnel Installation; Mounted with Bent Sting

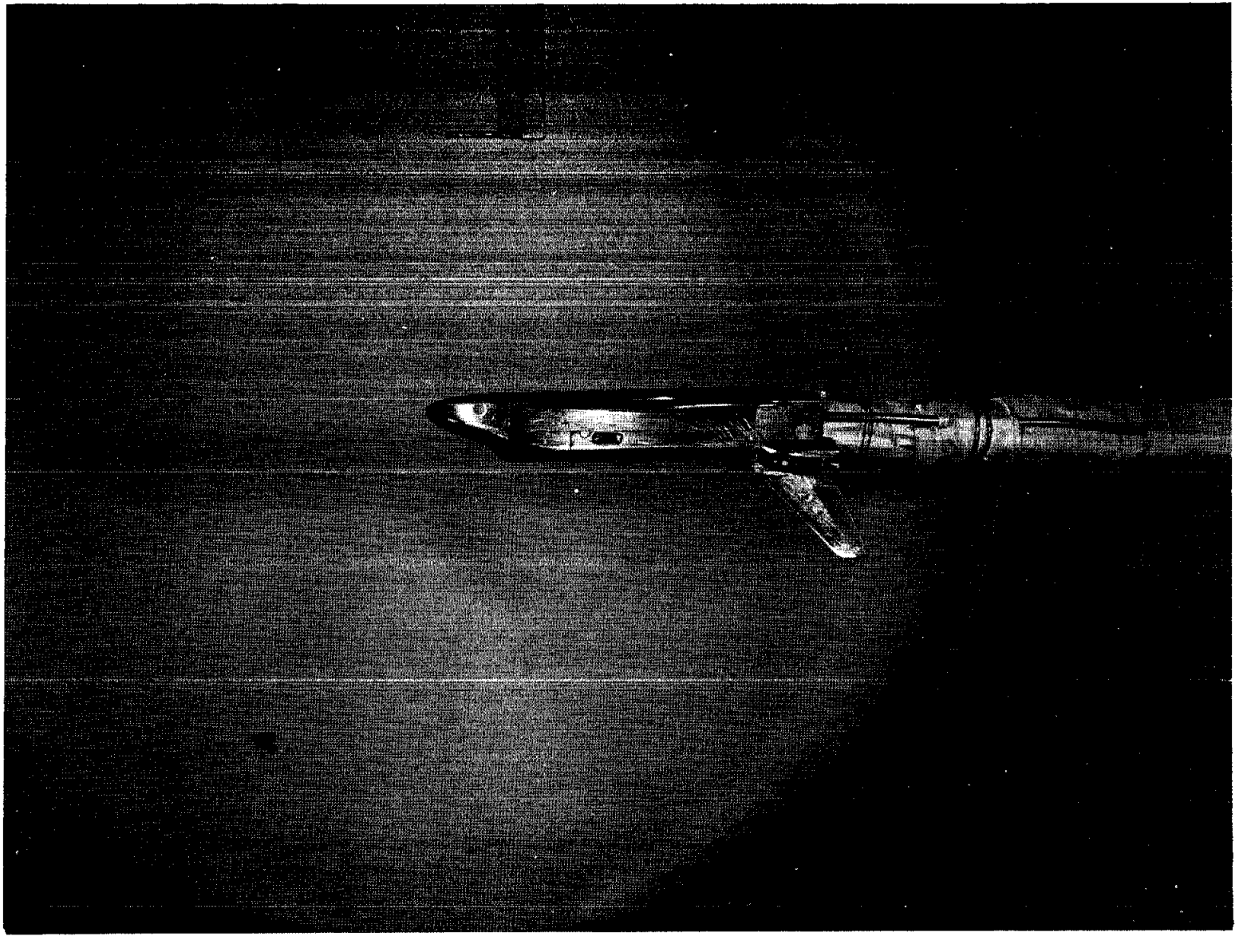


Figure 3b. LA141A Tunnel Installation; Inverted on the Straight Sting

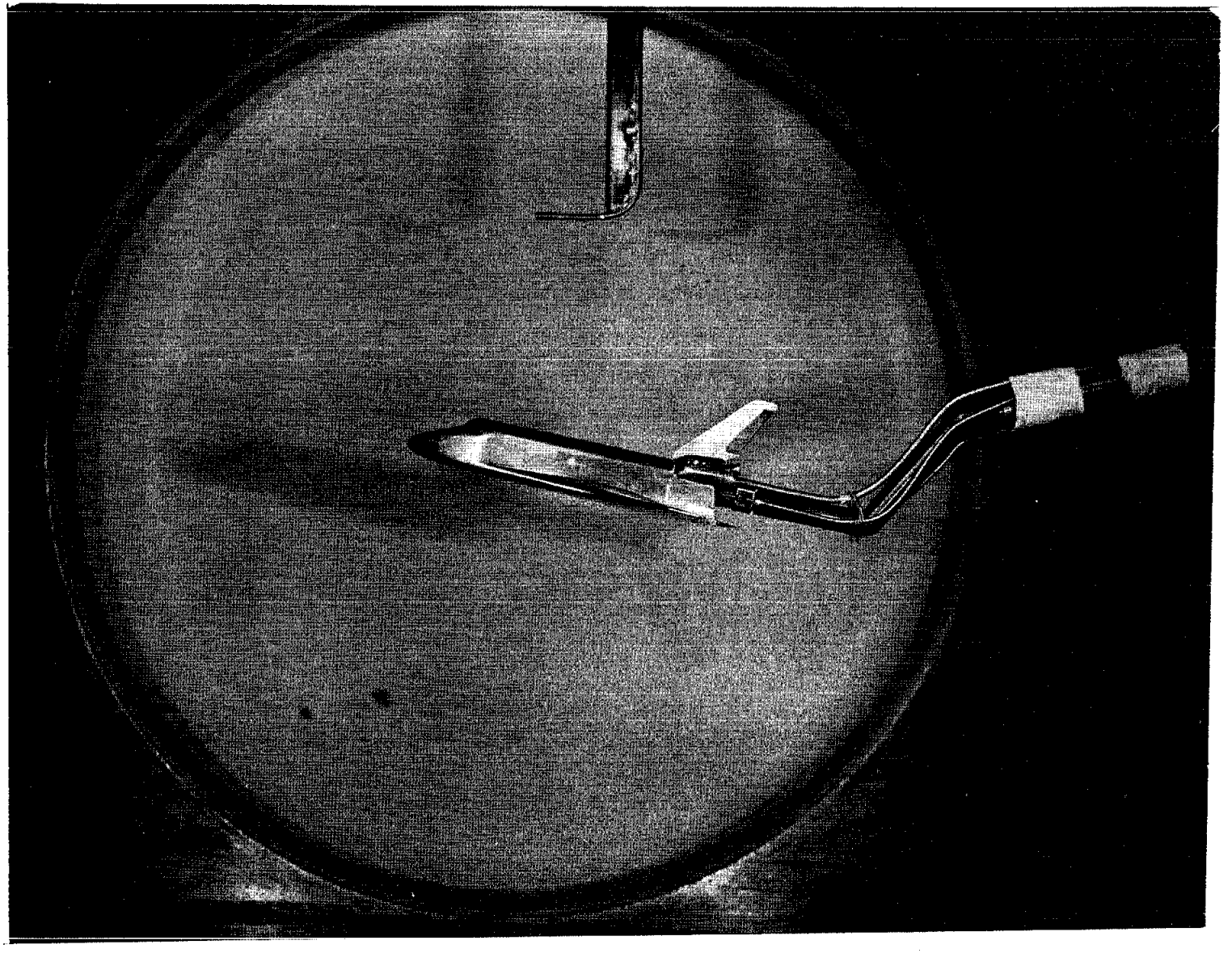


Figure 3c. LA141B Tunnel Installation; Mounted with Smaller Bent Sting

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V9R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6900	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

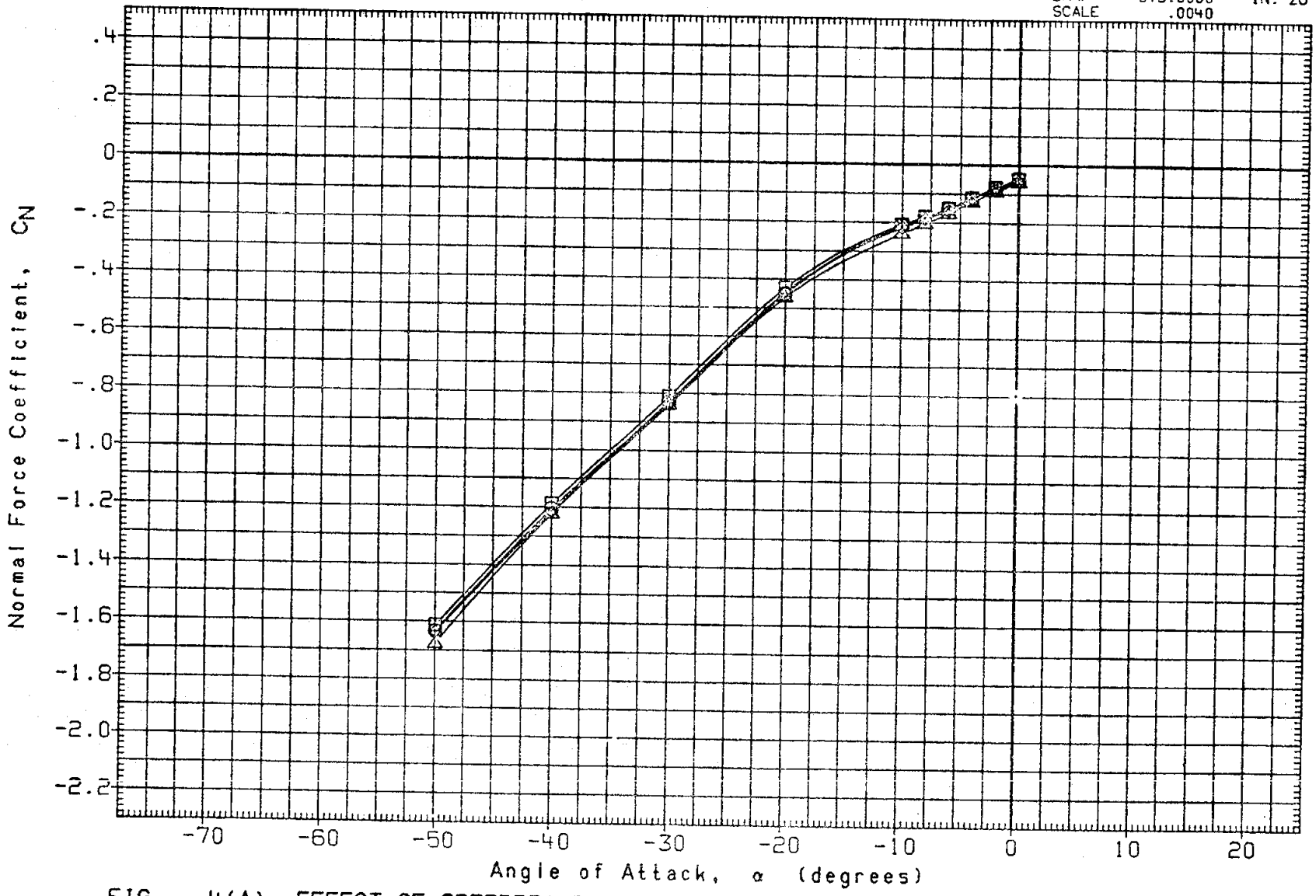


FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

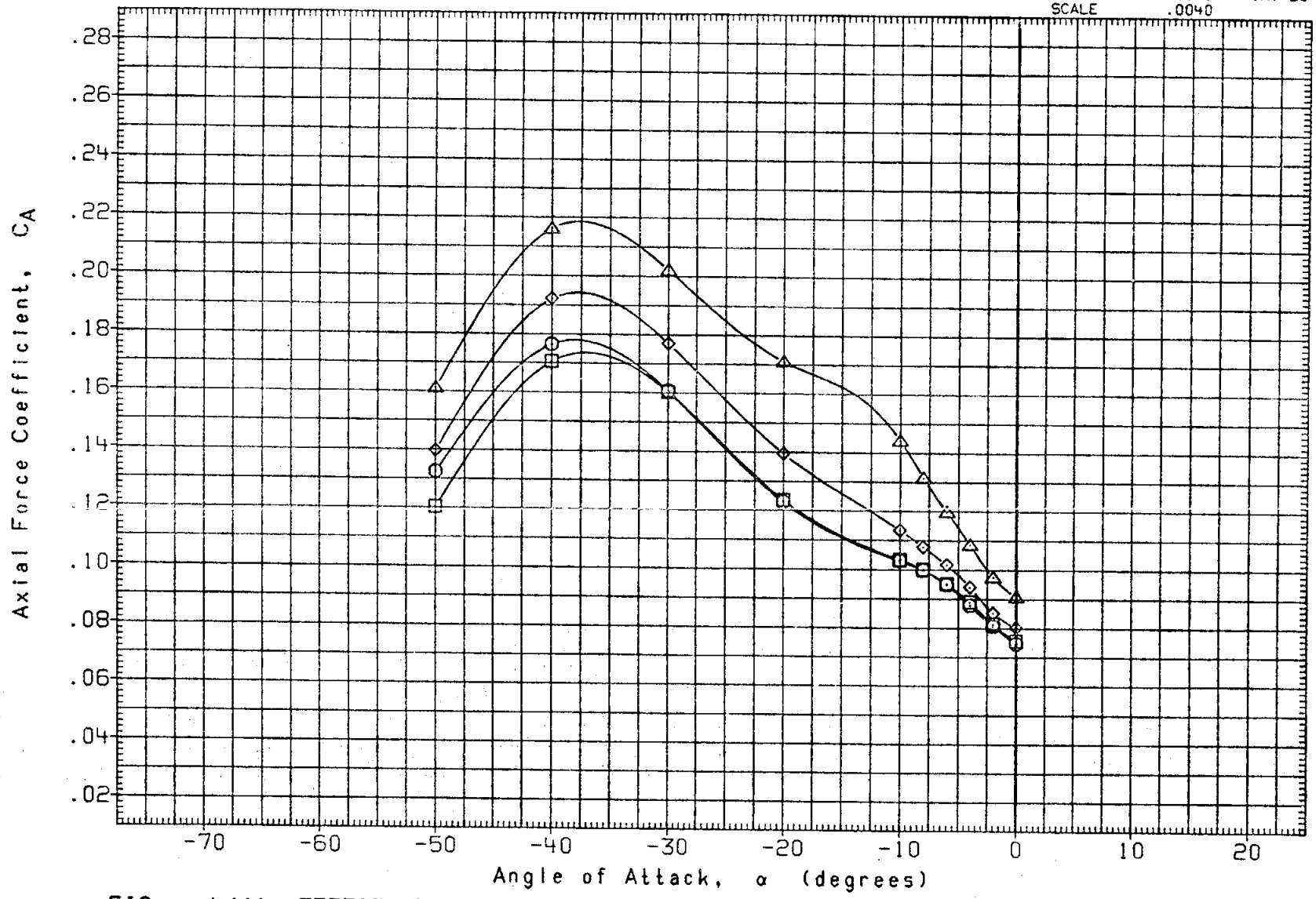


FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

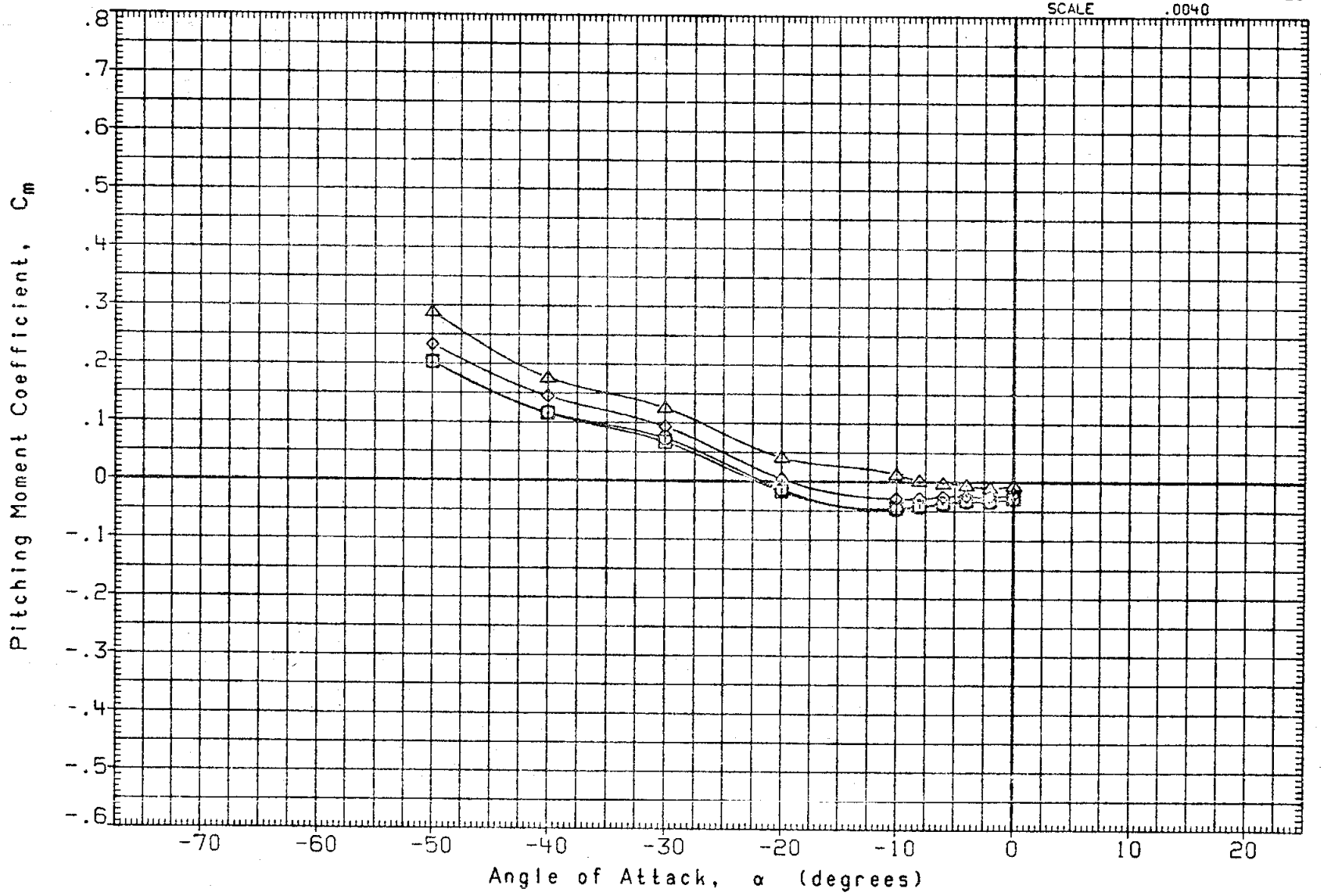


FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

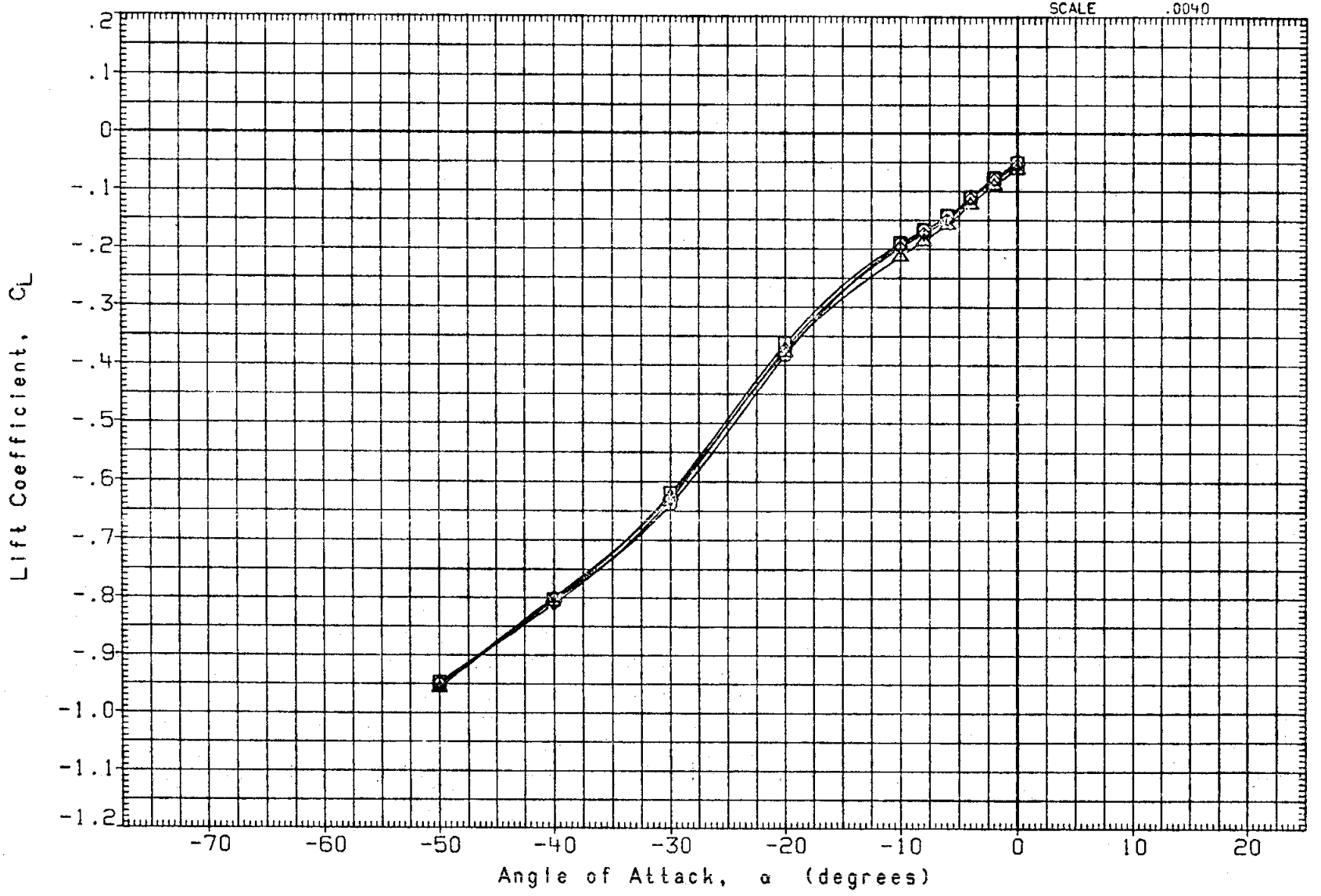

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	65.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

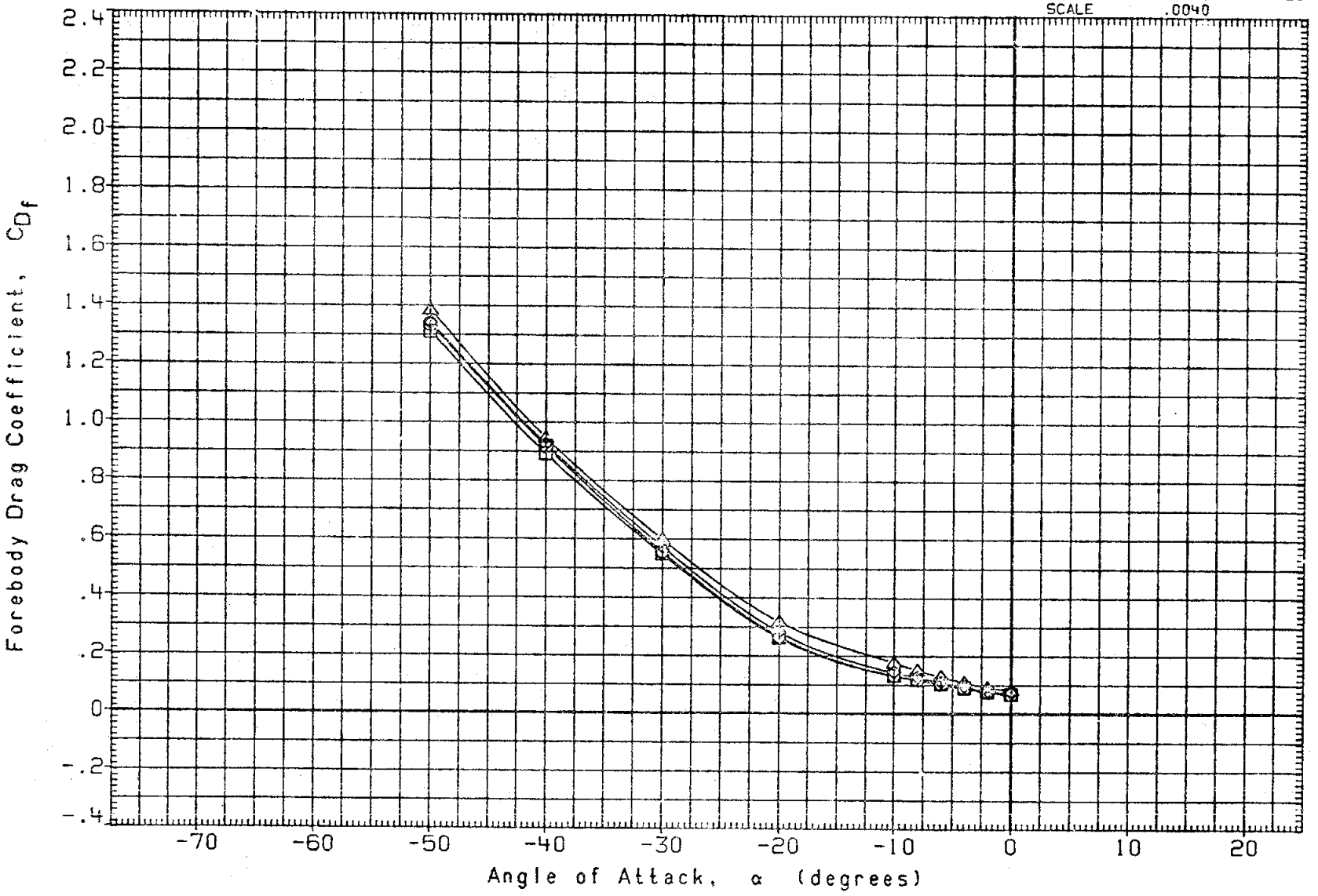

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

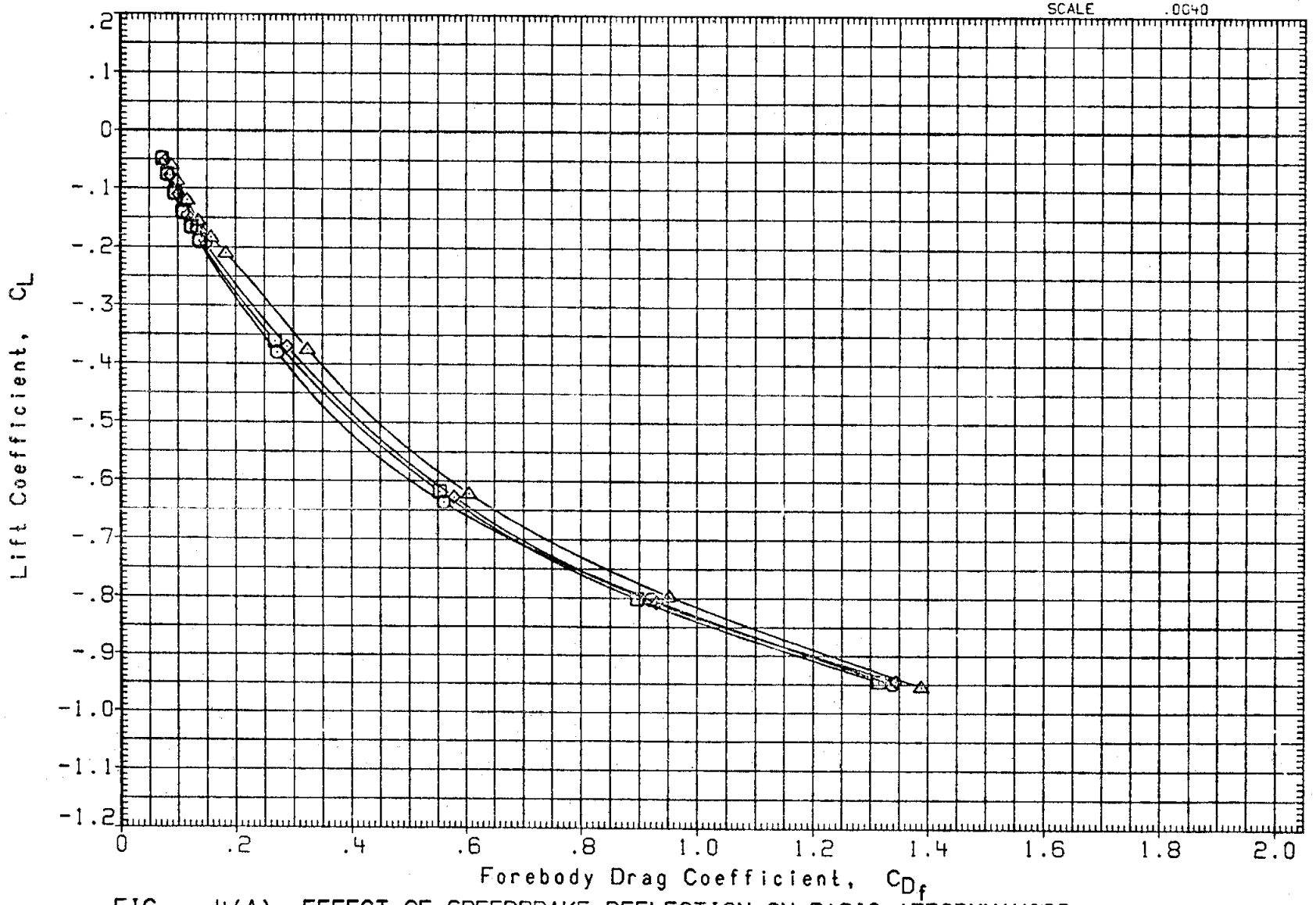

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

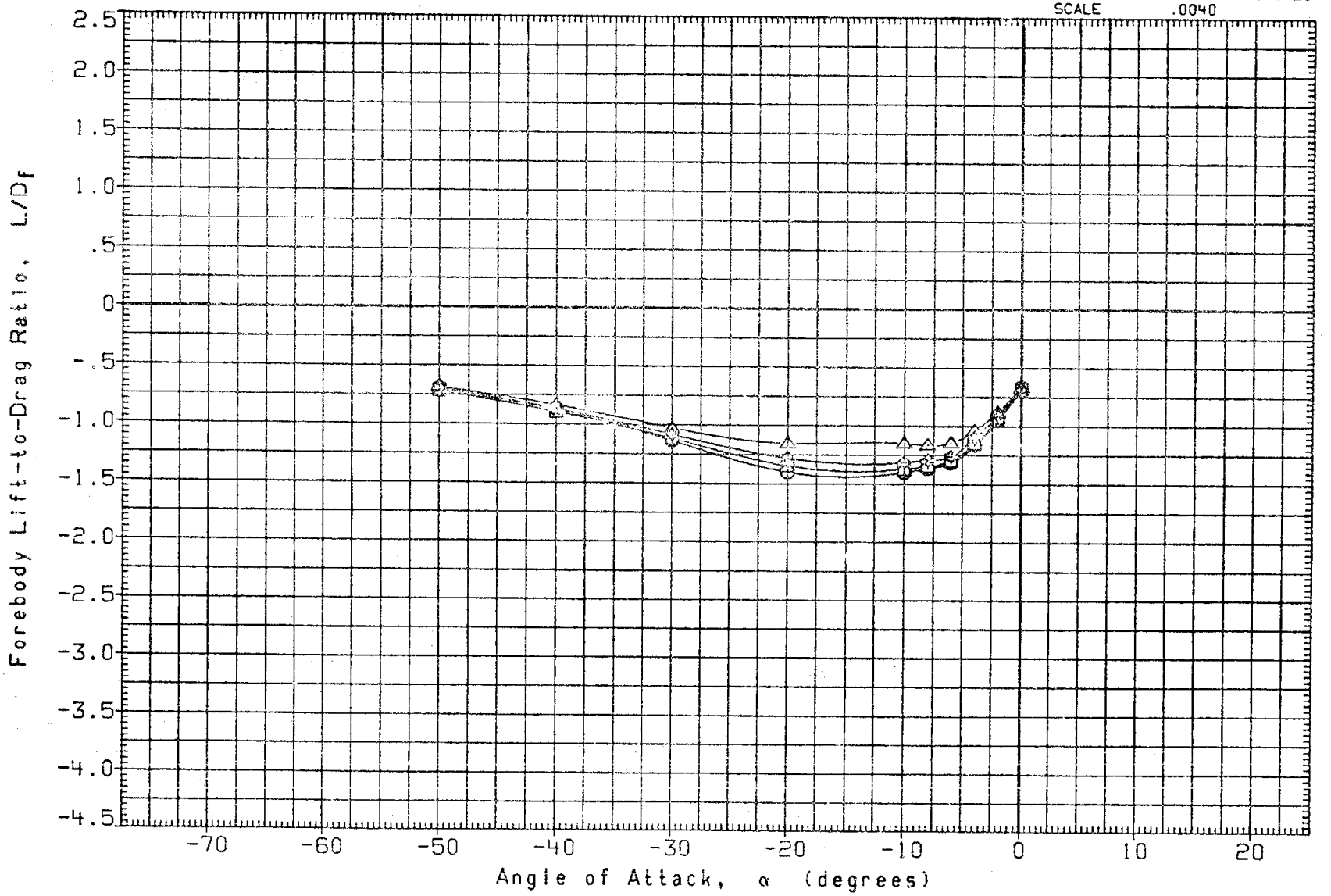

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

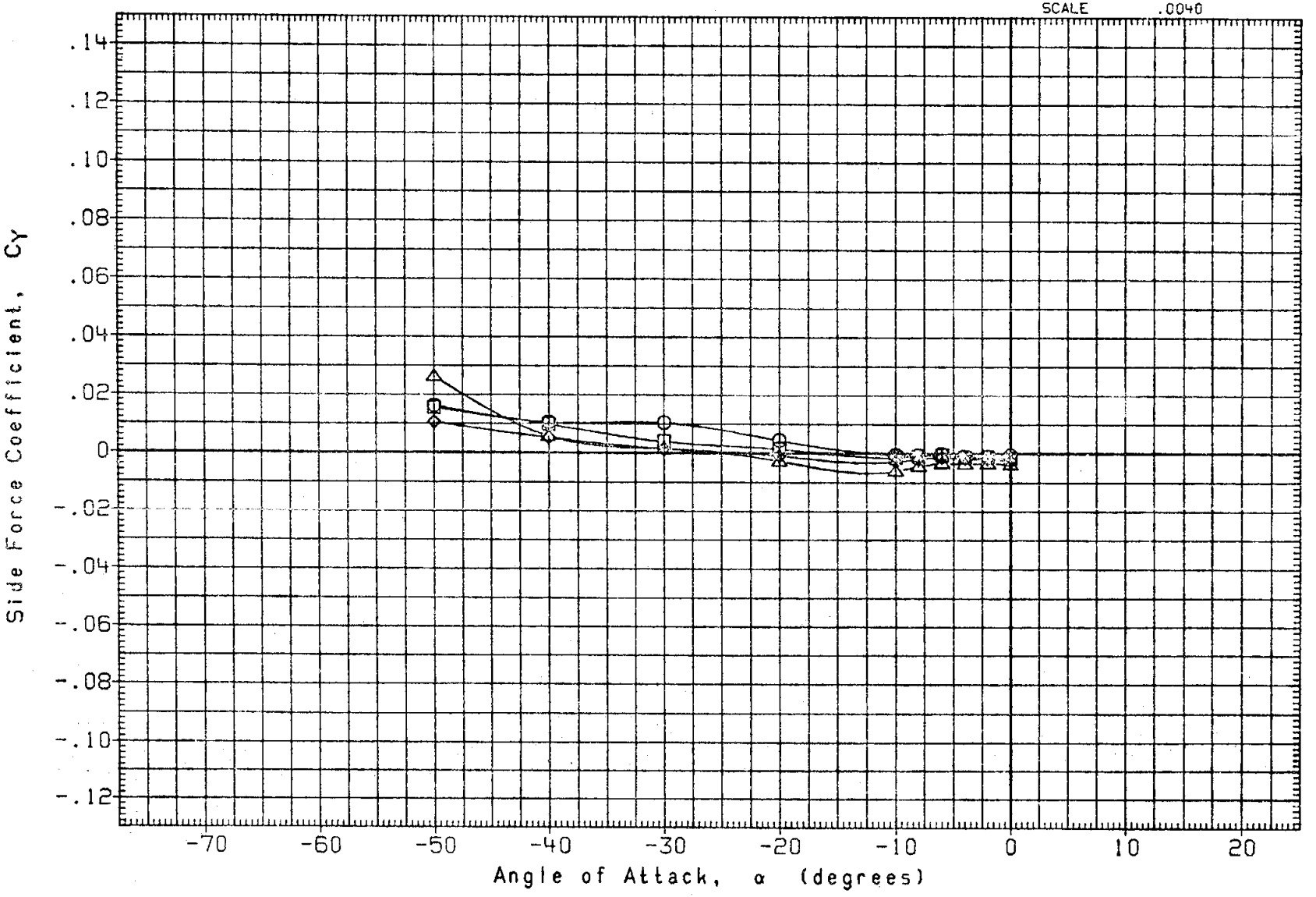

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

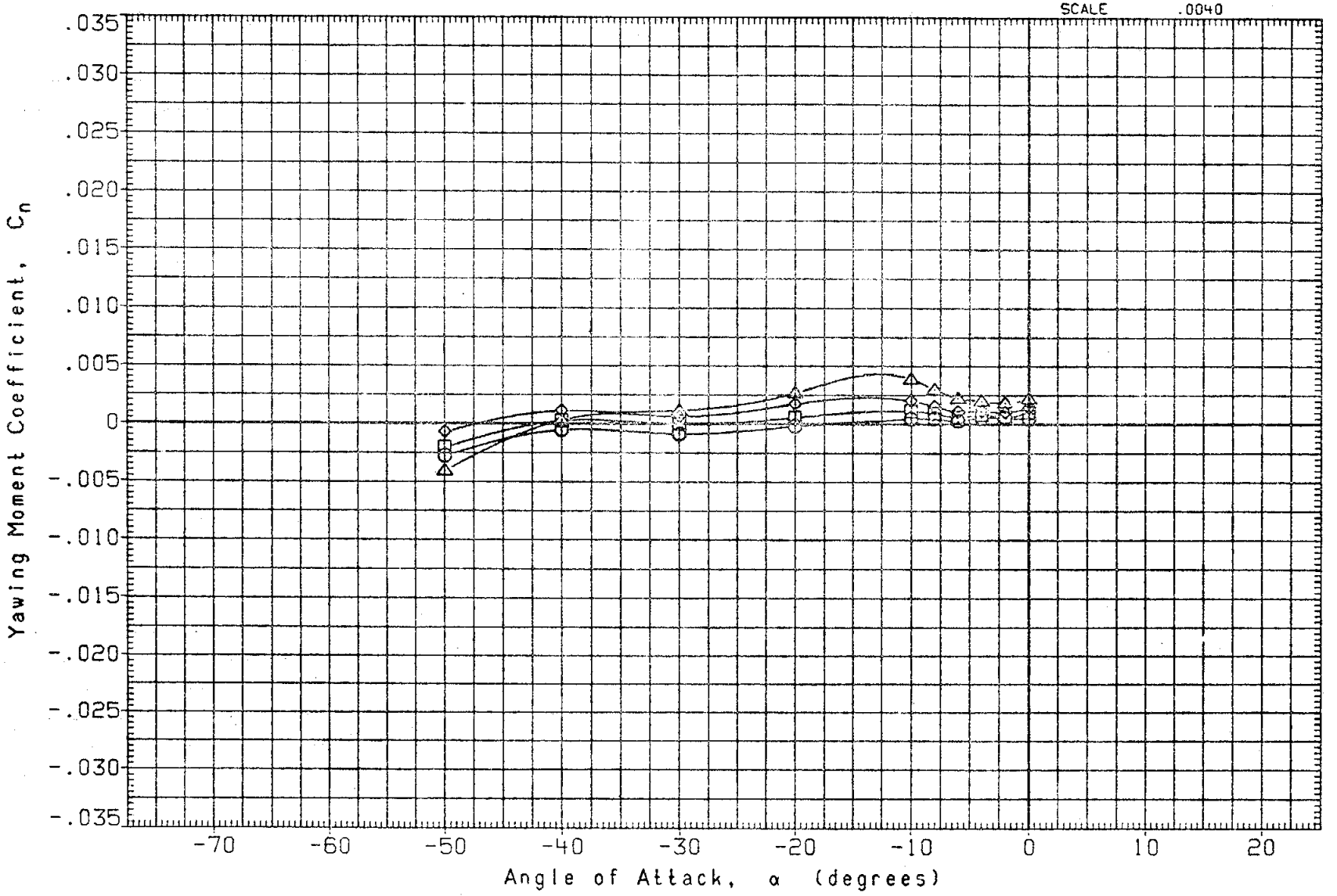

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

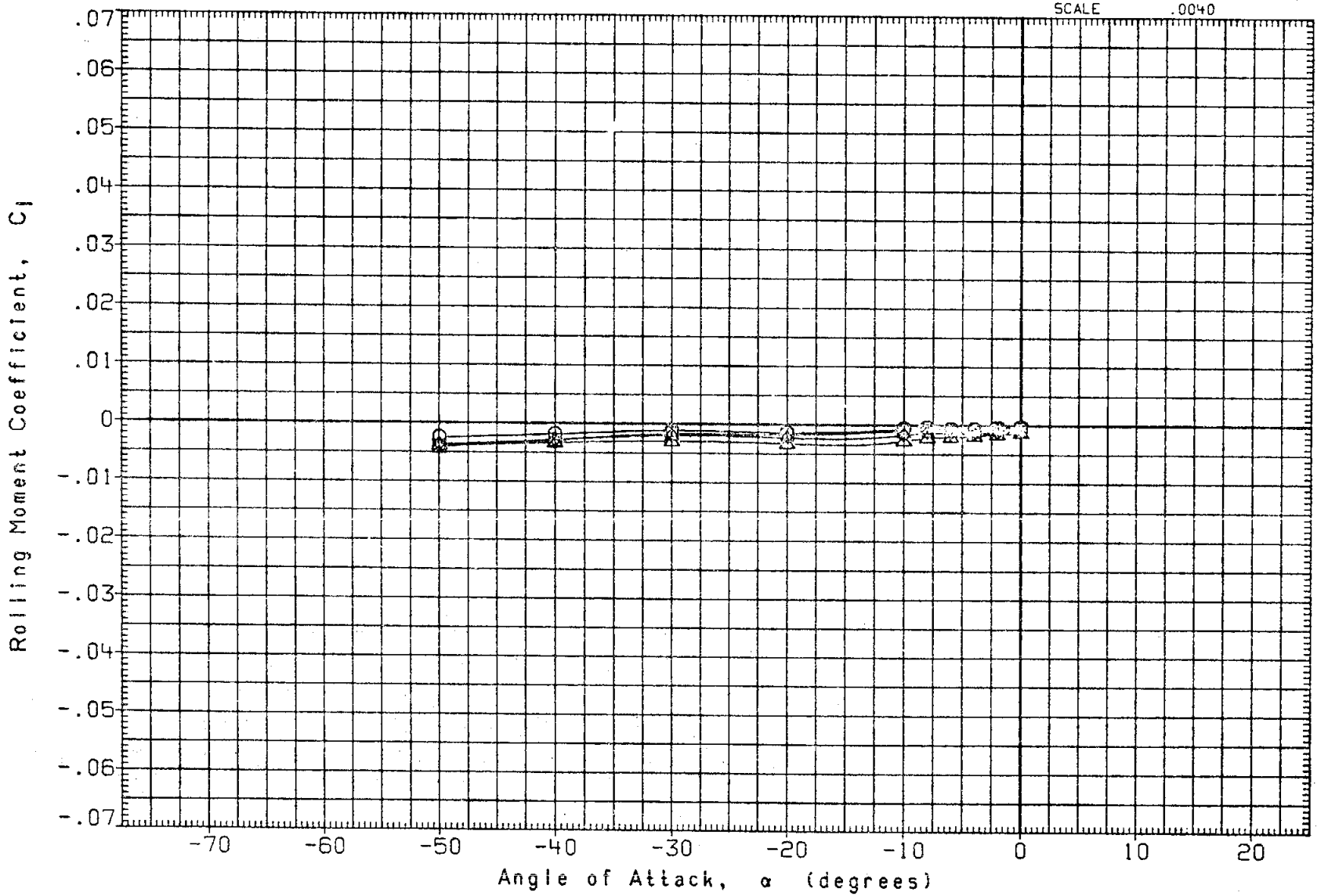

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

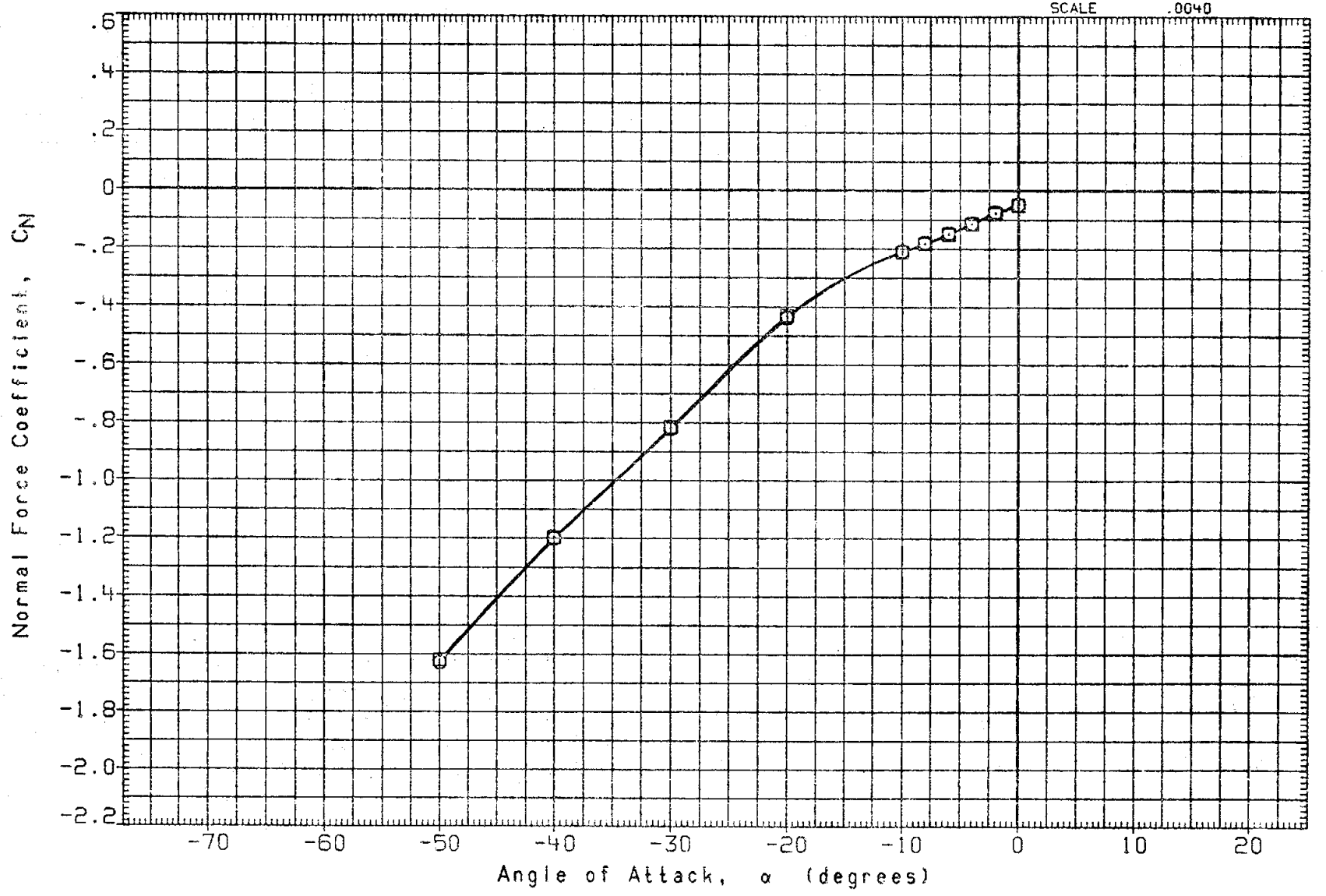

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (862C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (862C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

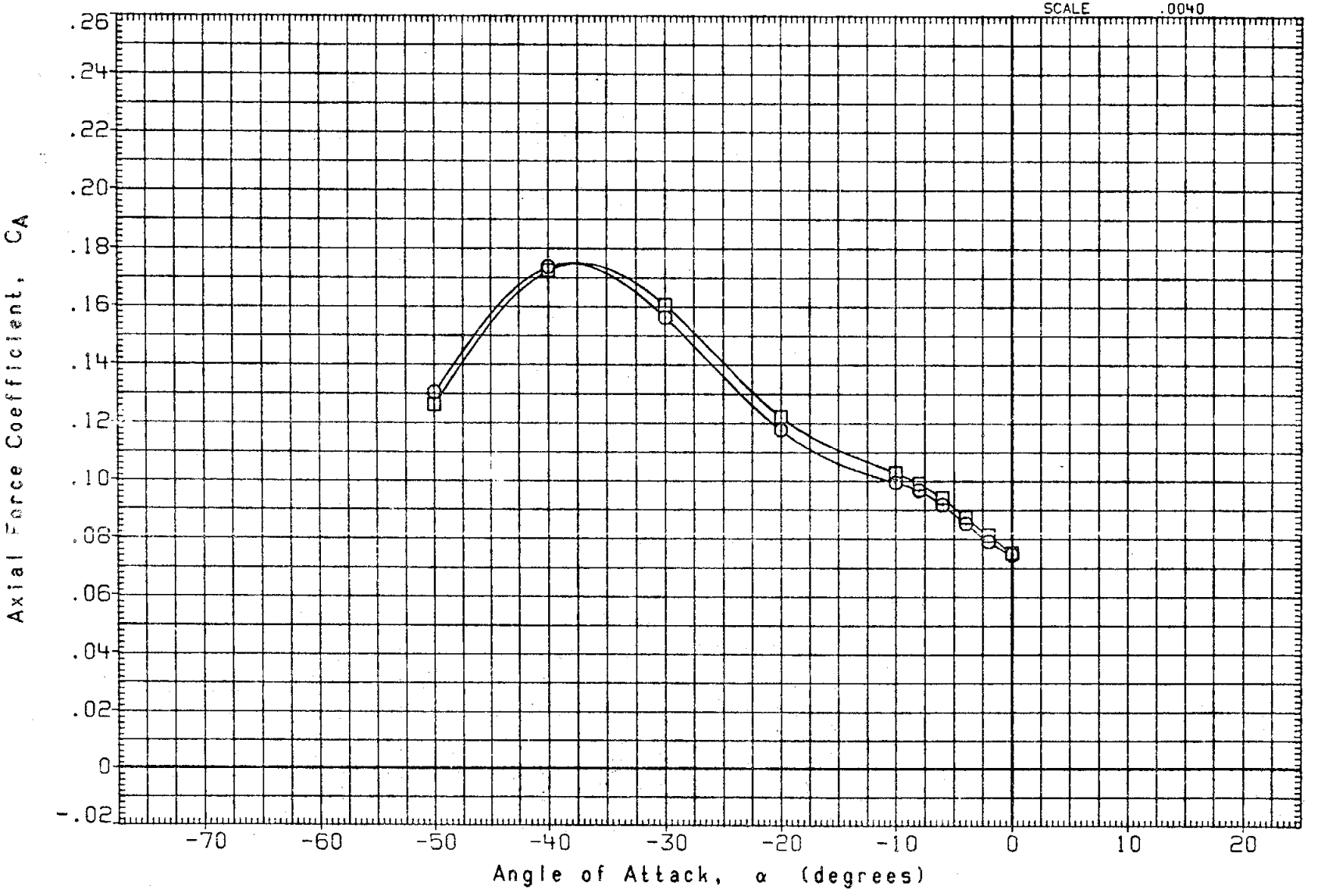

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

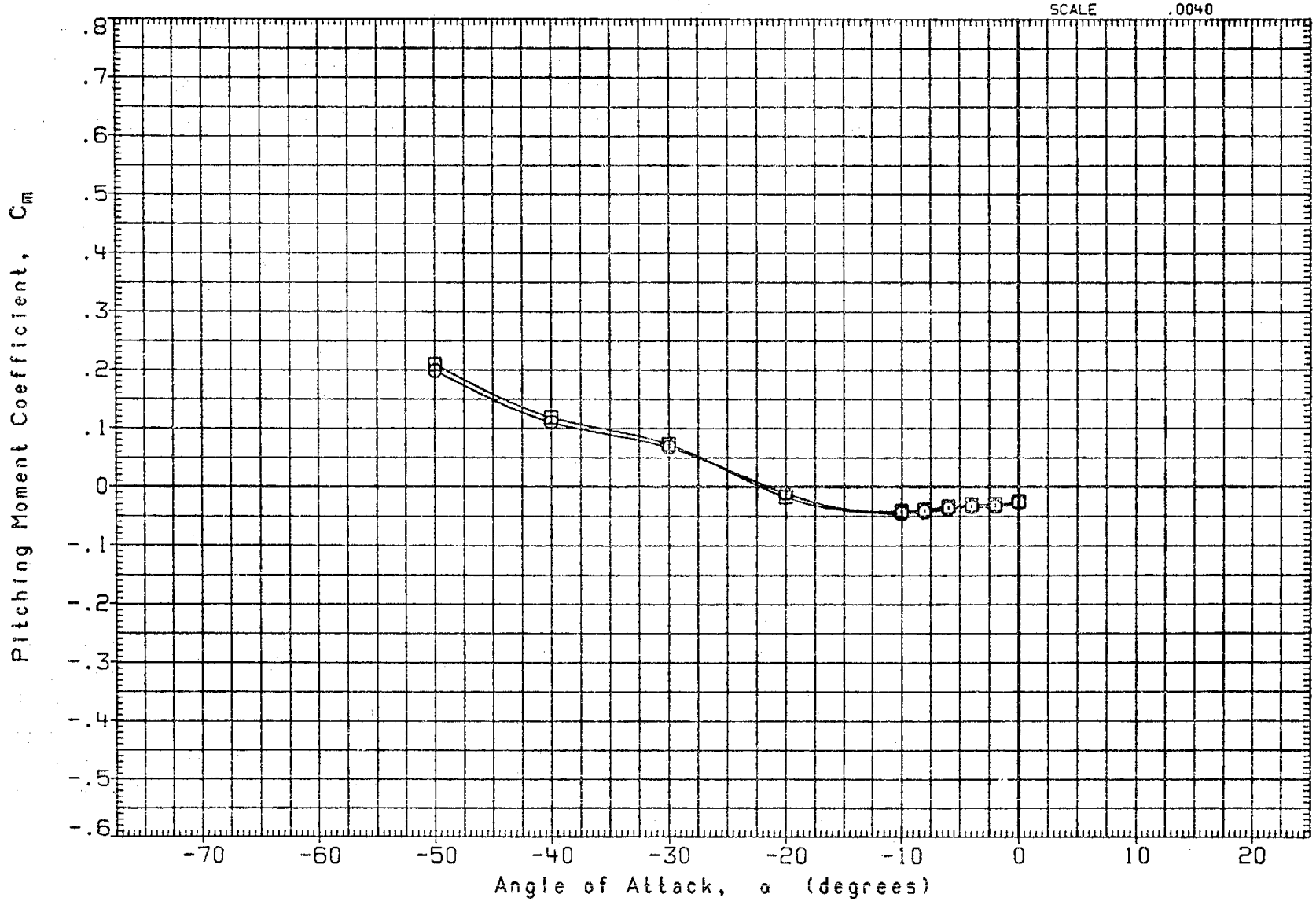

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

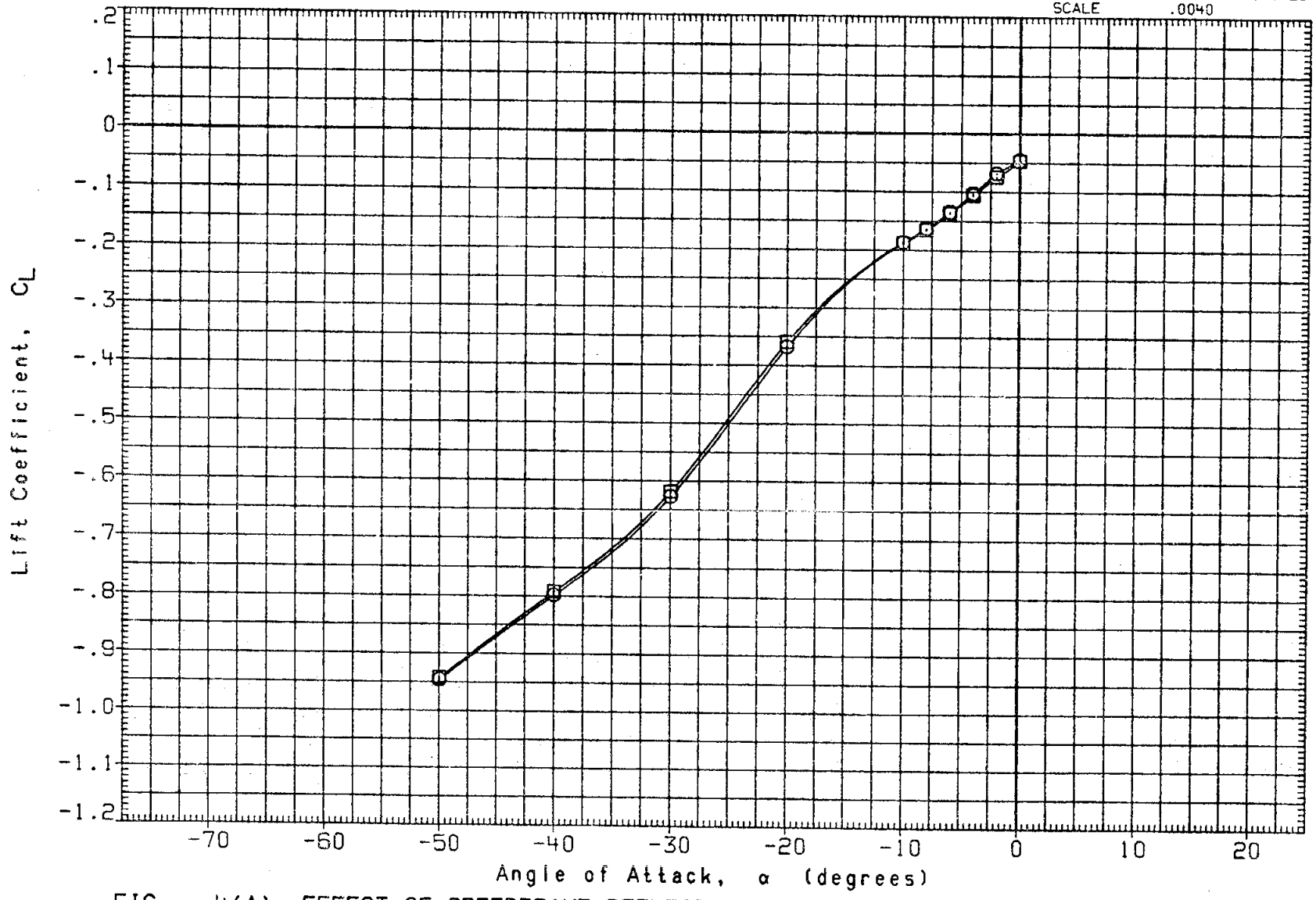

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (862C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (862C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

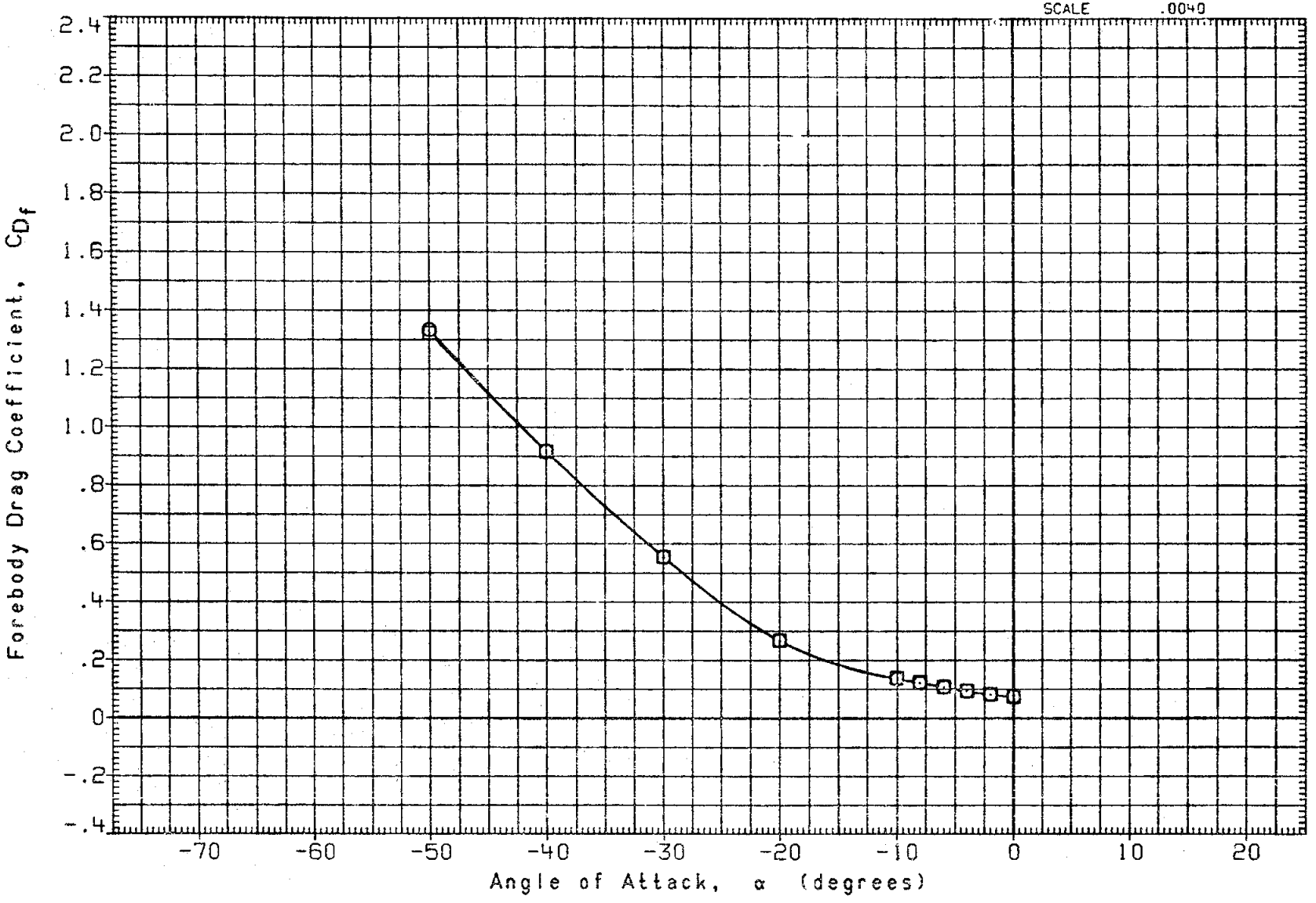

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

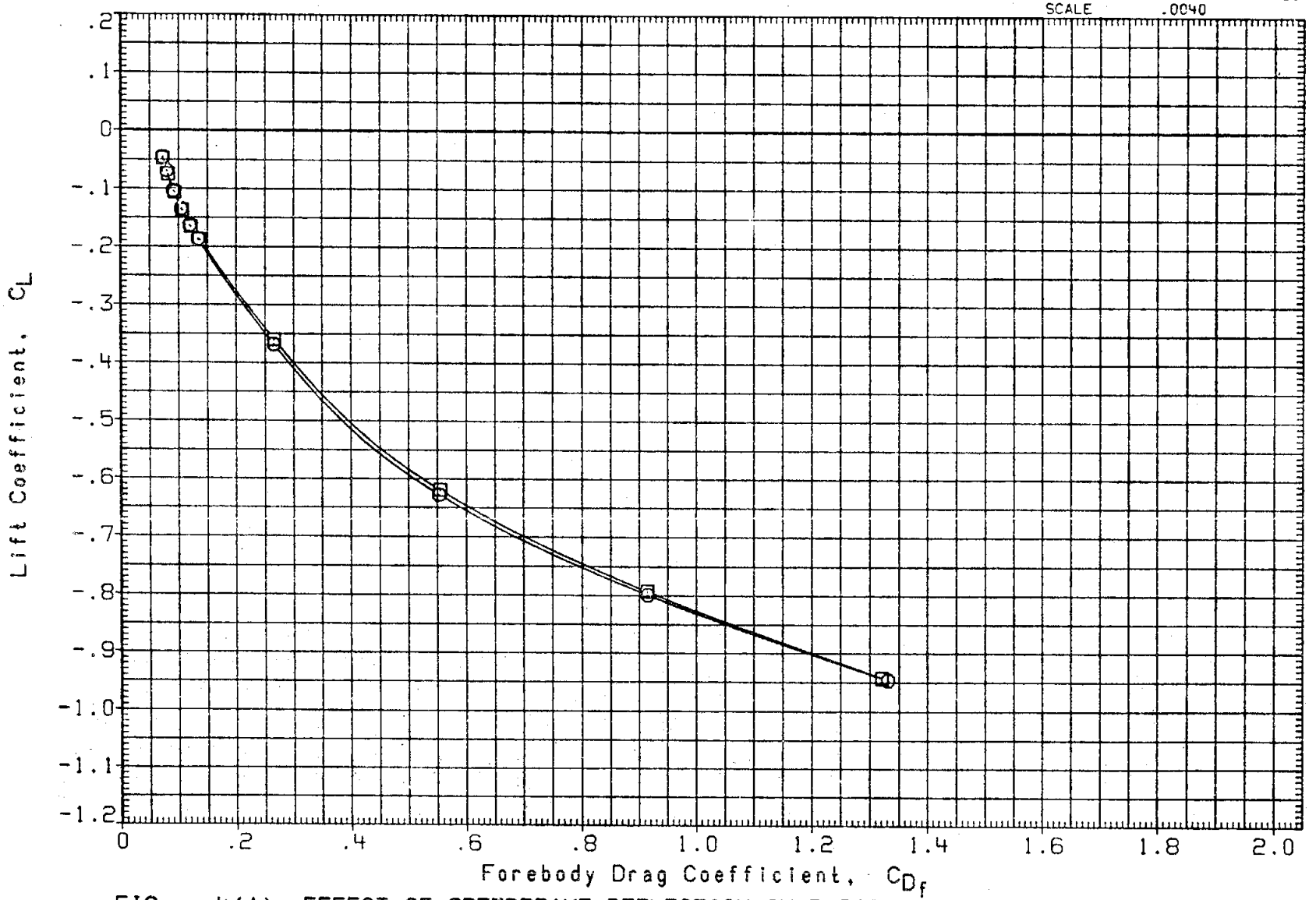

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
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AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

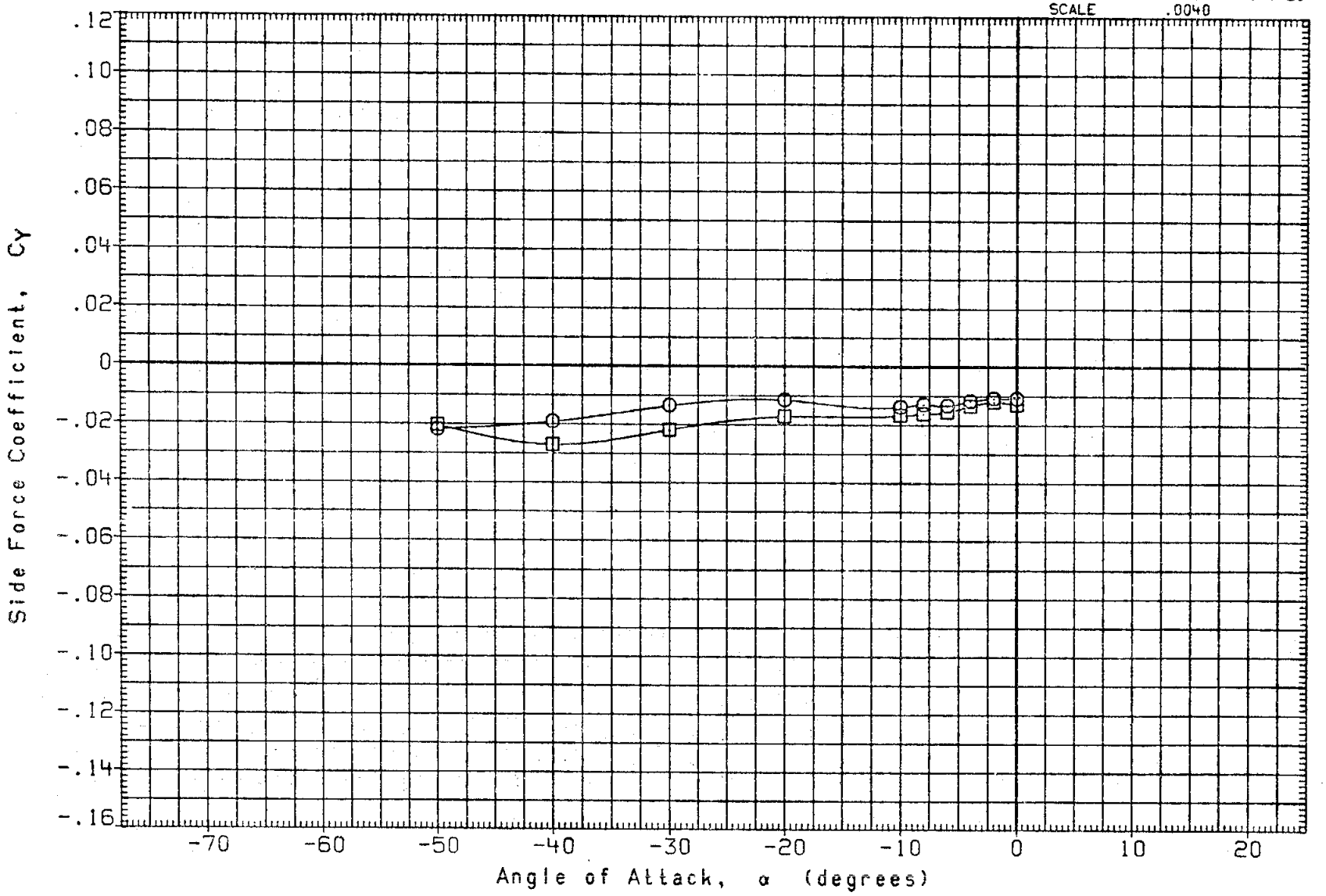

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

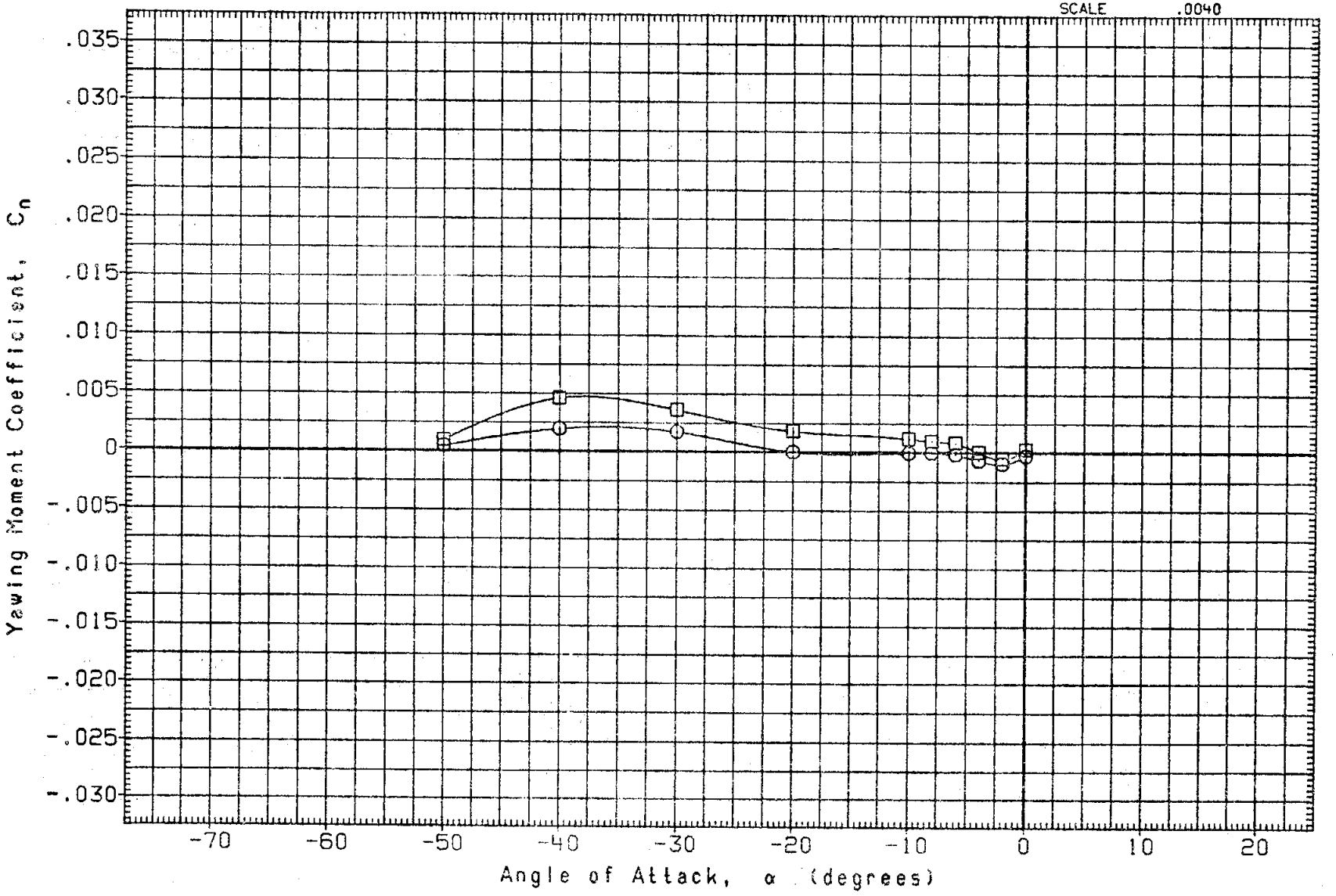

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

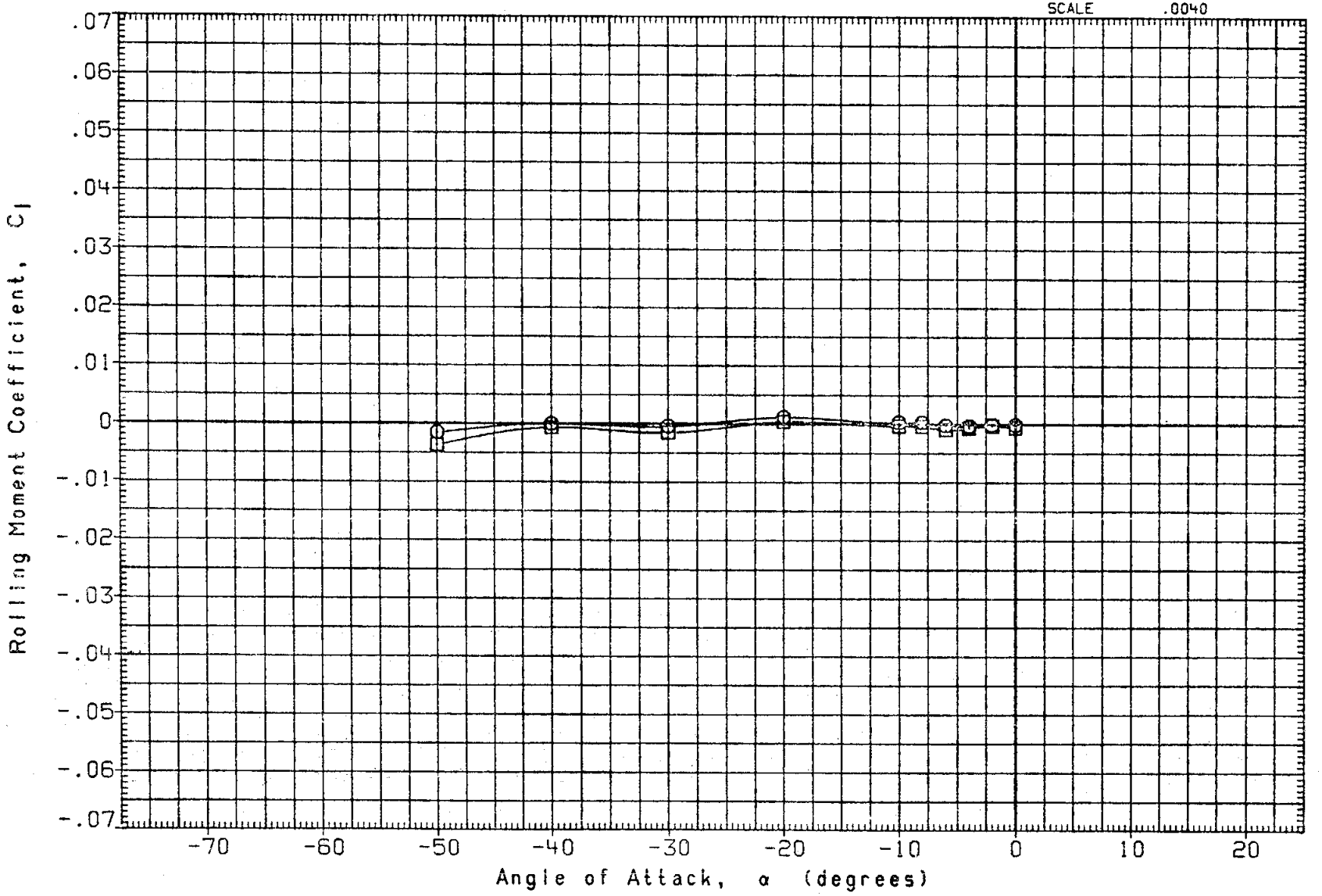

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(B)BETA = 1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

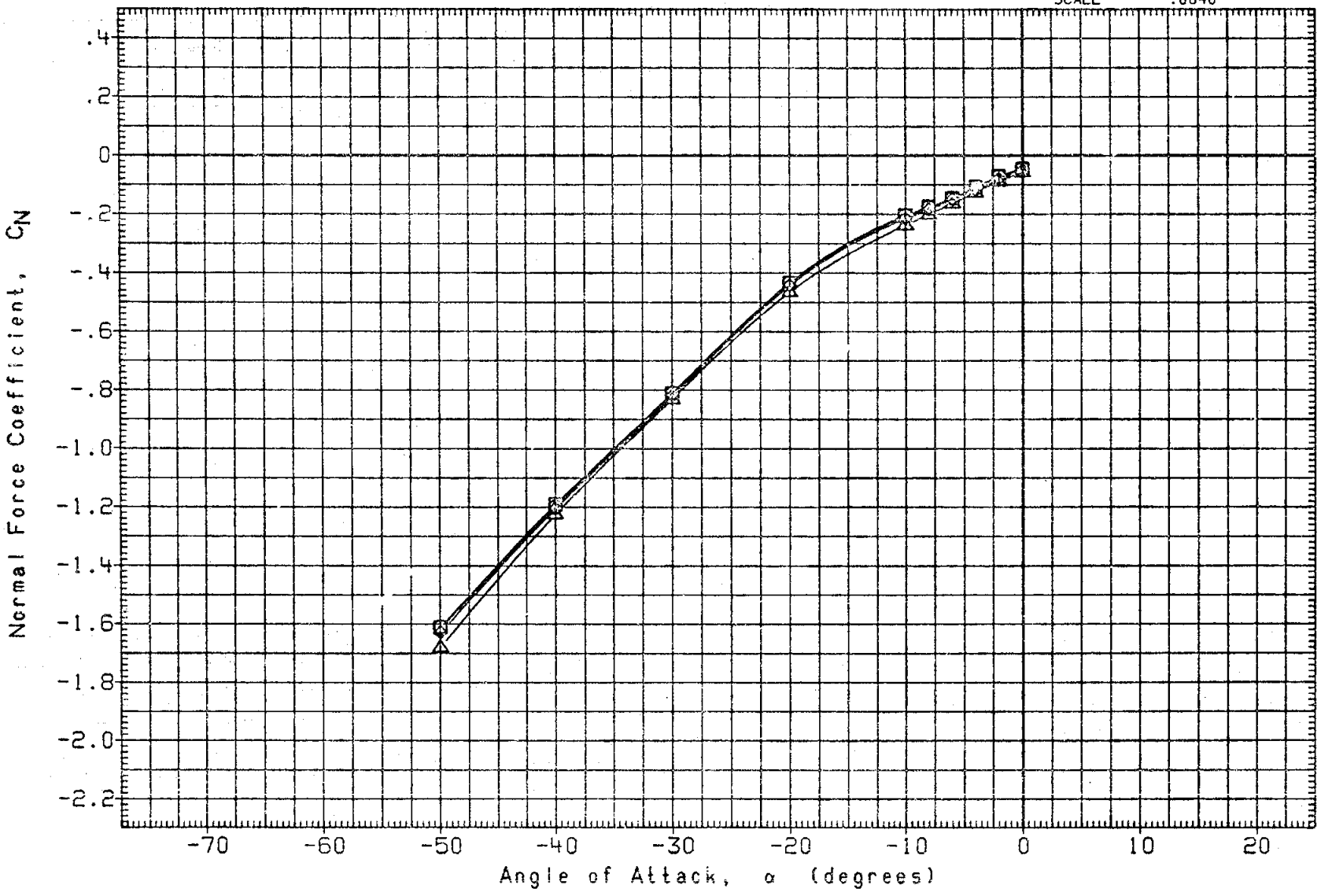

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

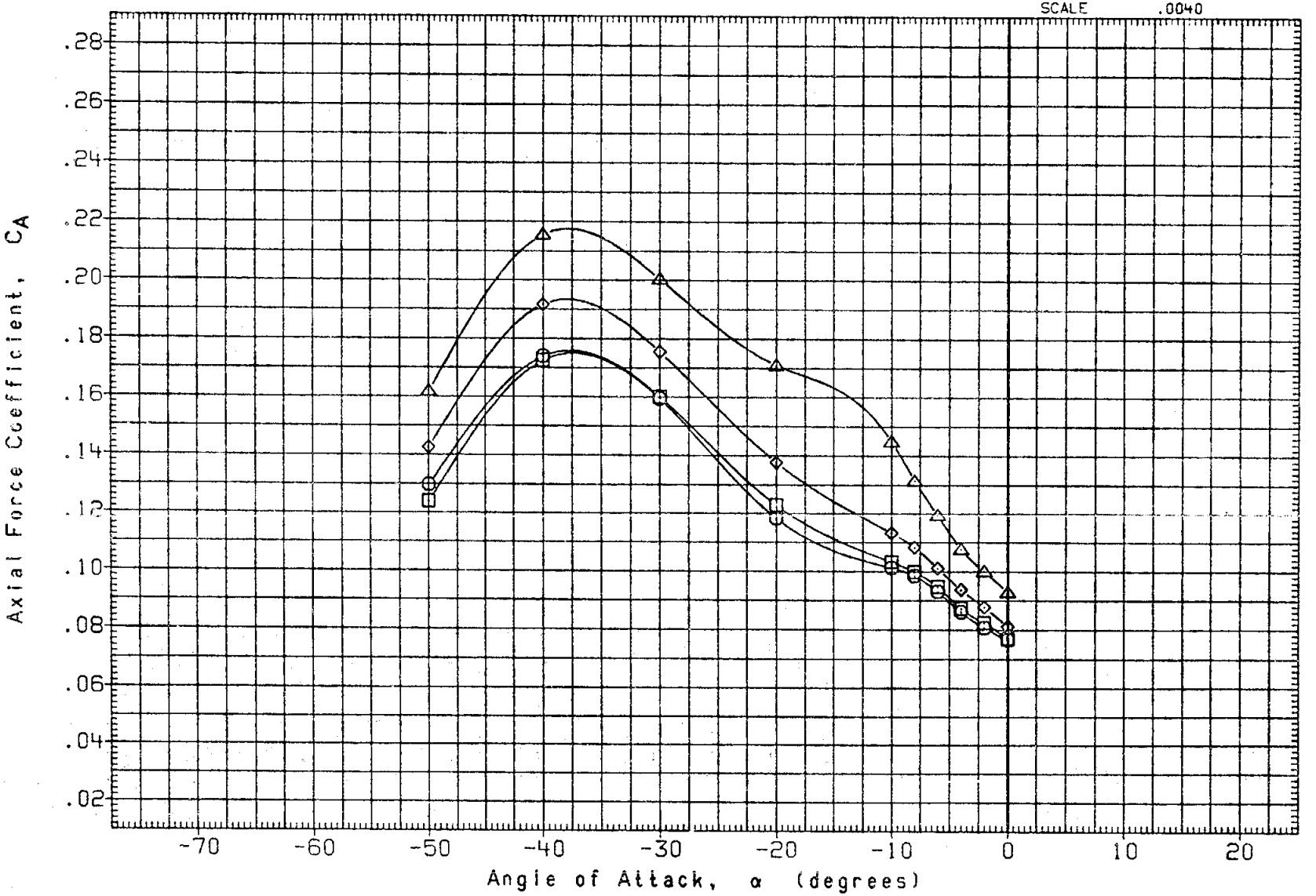

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

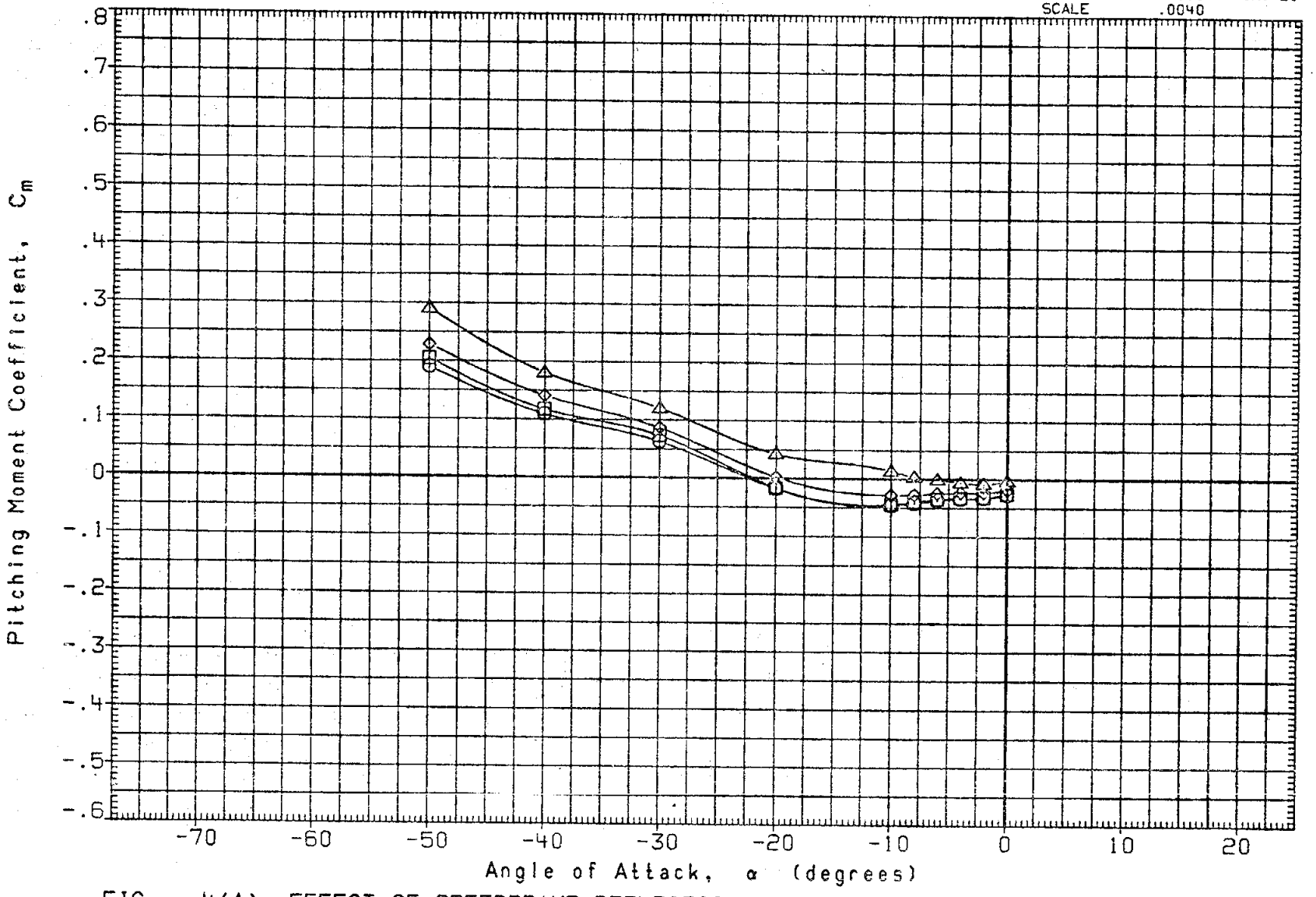

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B52C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

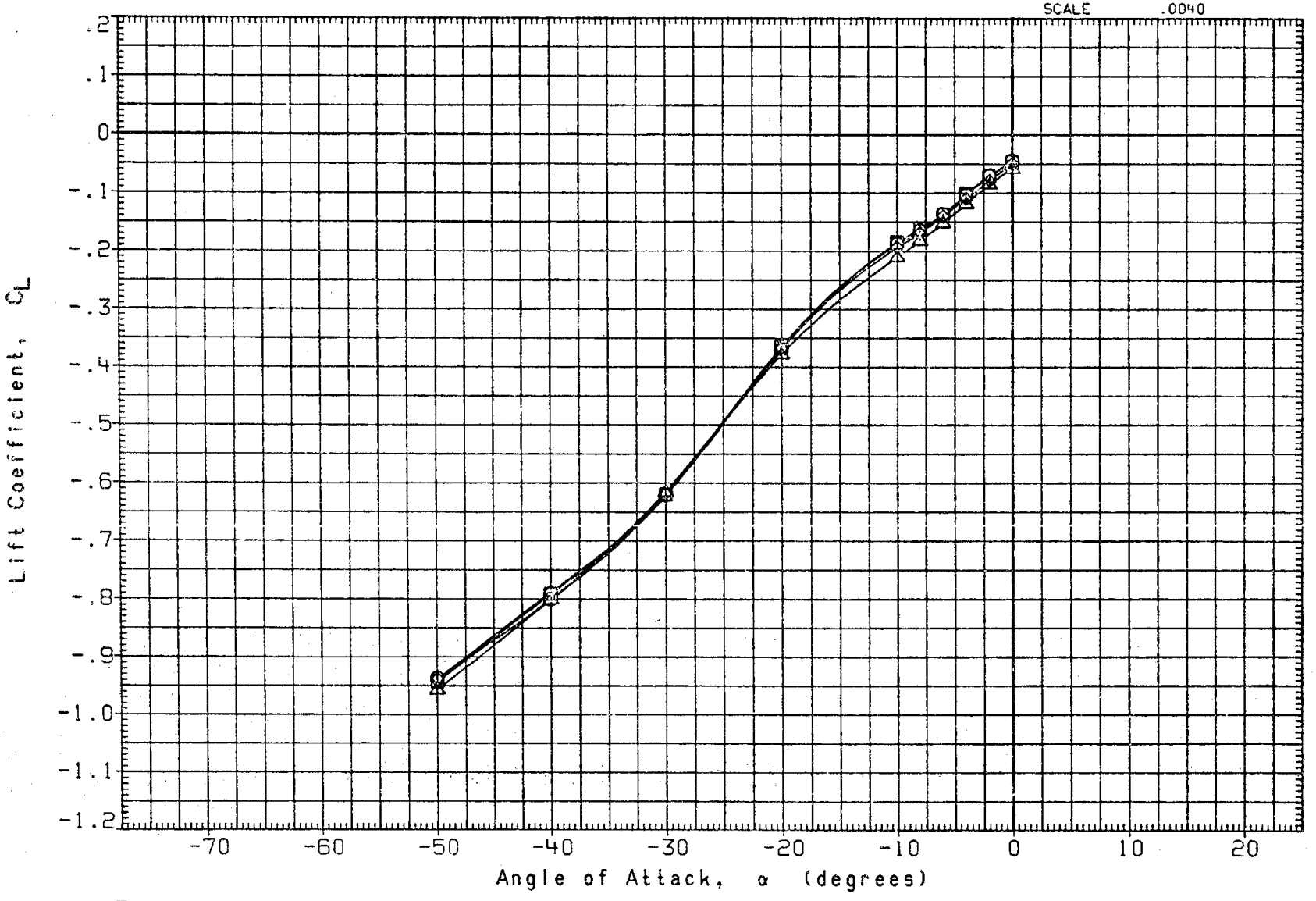

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
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SCALE	.0040	

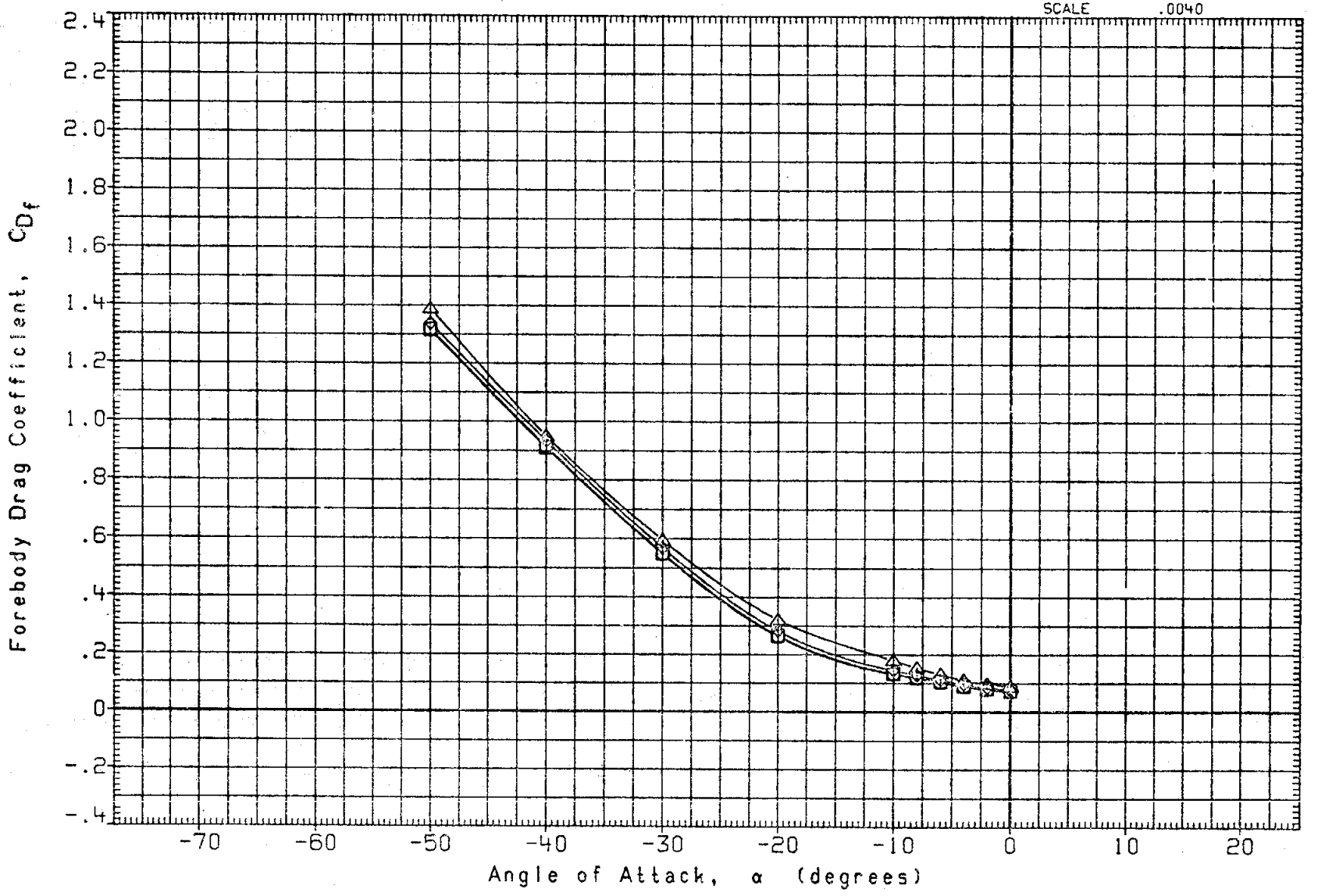

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

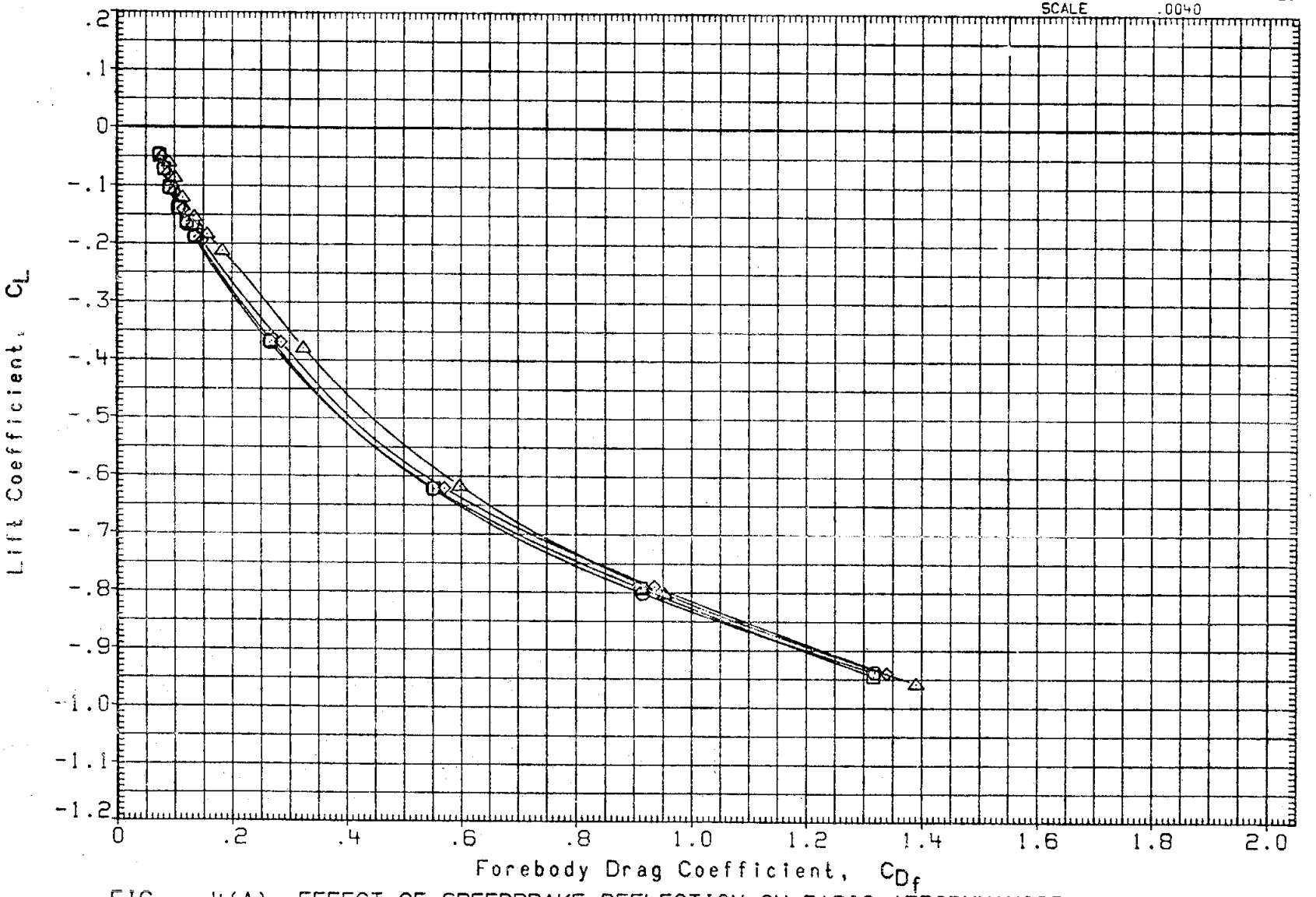

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

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DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

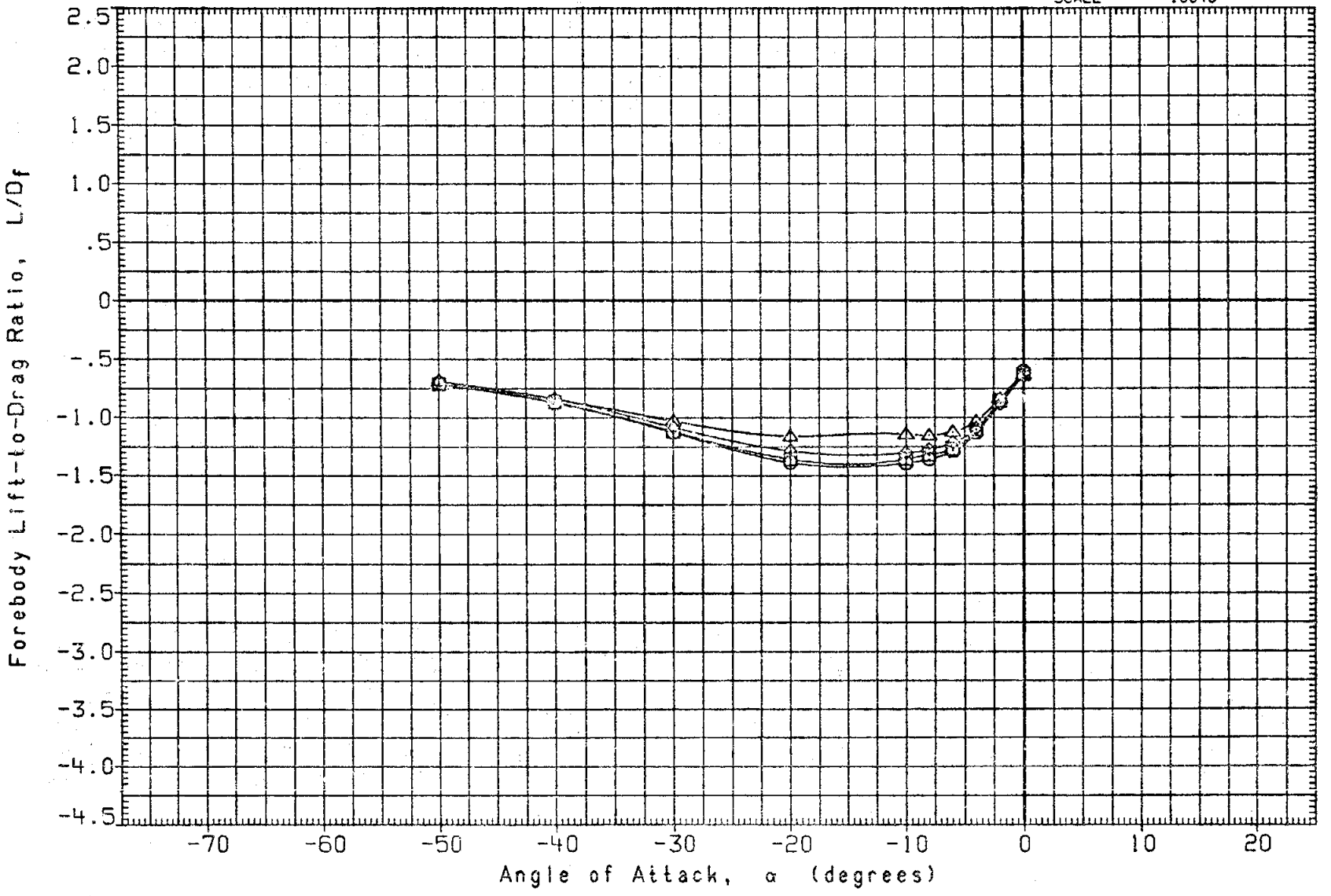

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

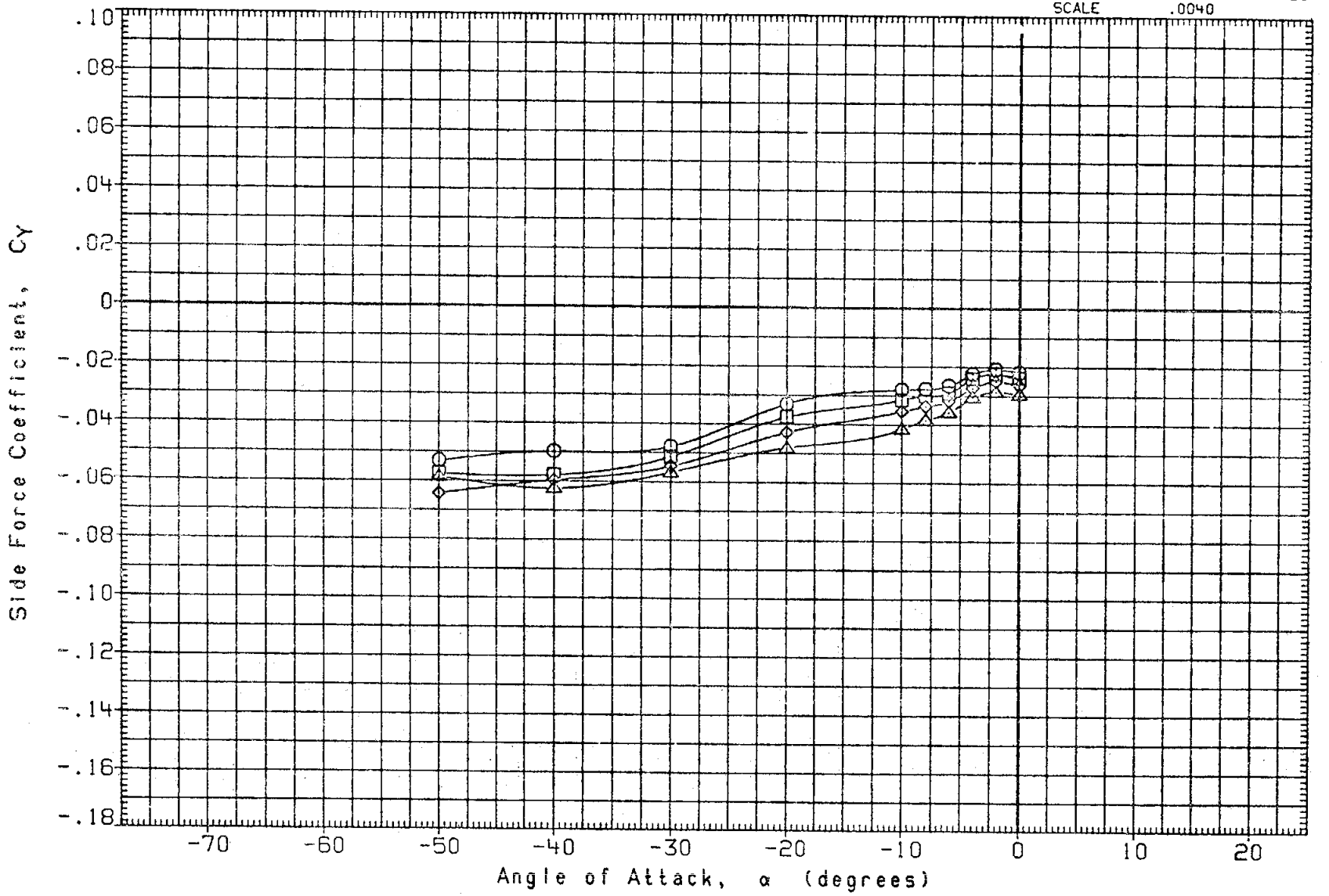

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	180.000	DECRSE
AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

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ZMRP	375.0000	IN. ZO
SCALE	.0040	

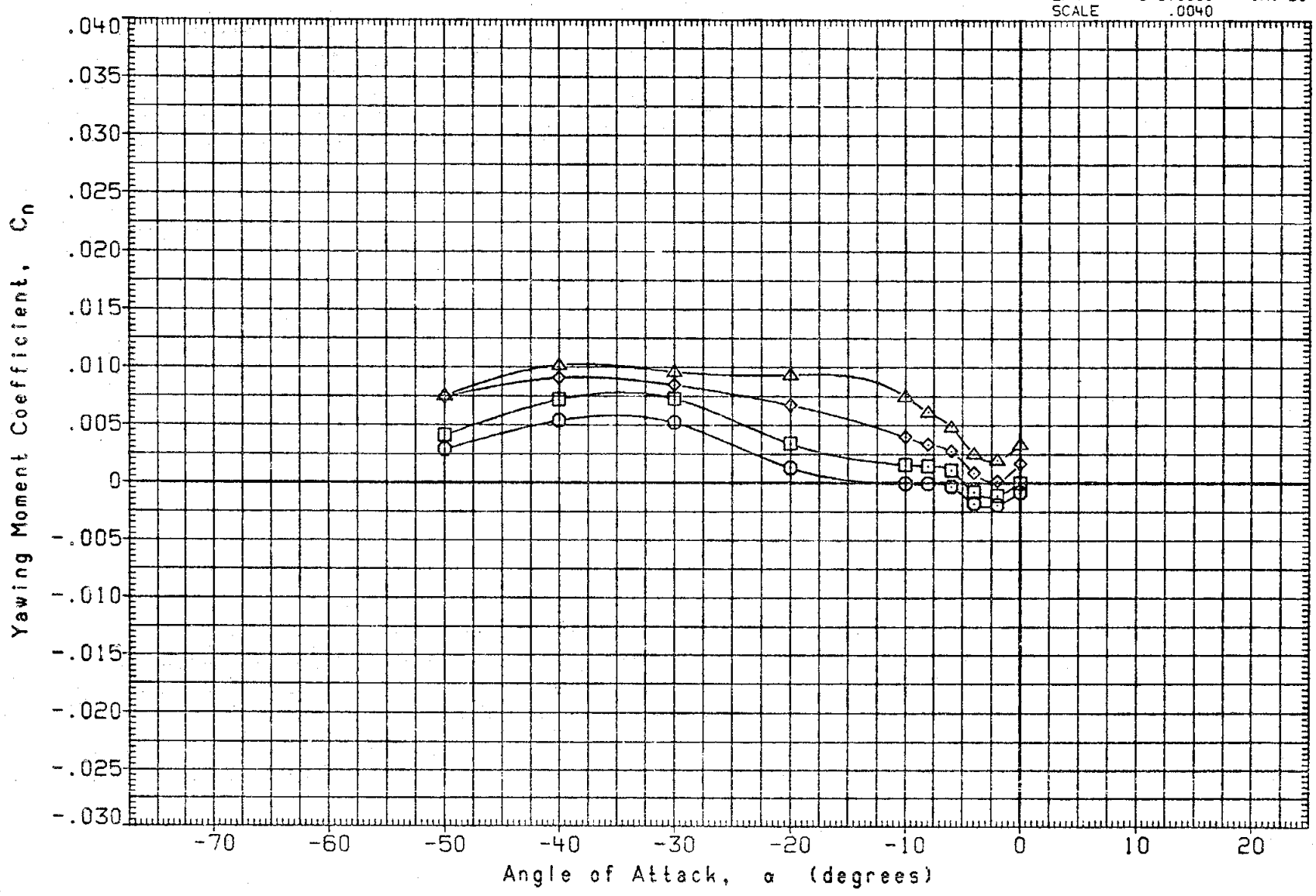

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ009	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	180.000	DECRSE

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BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

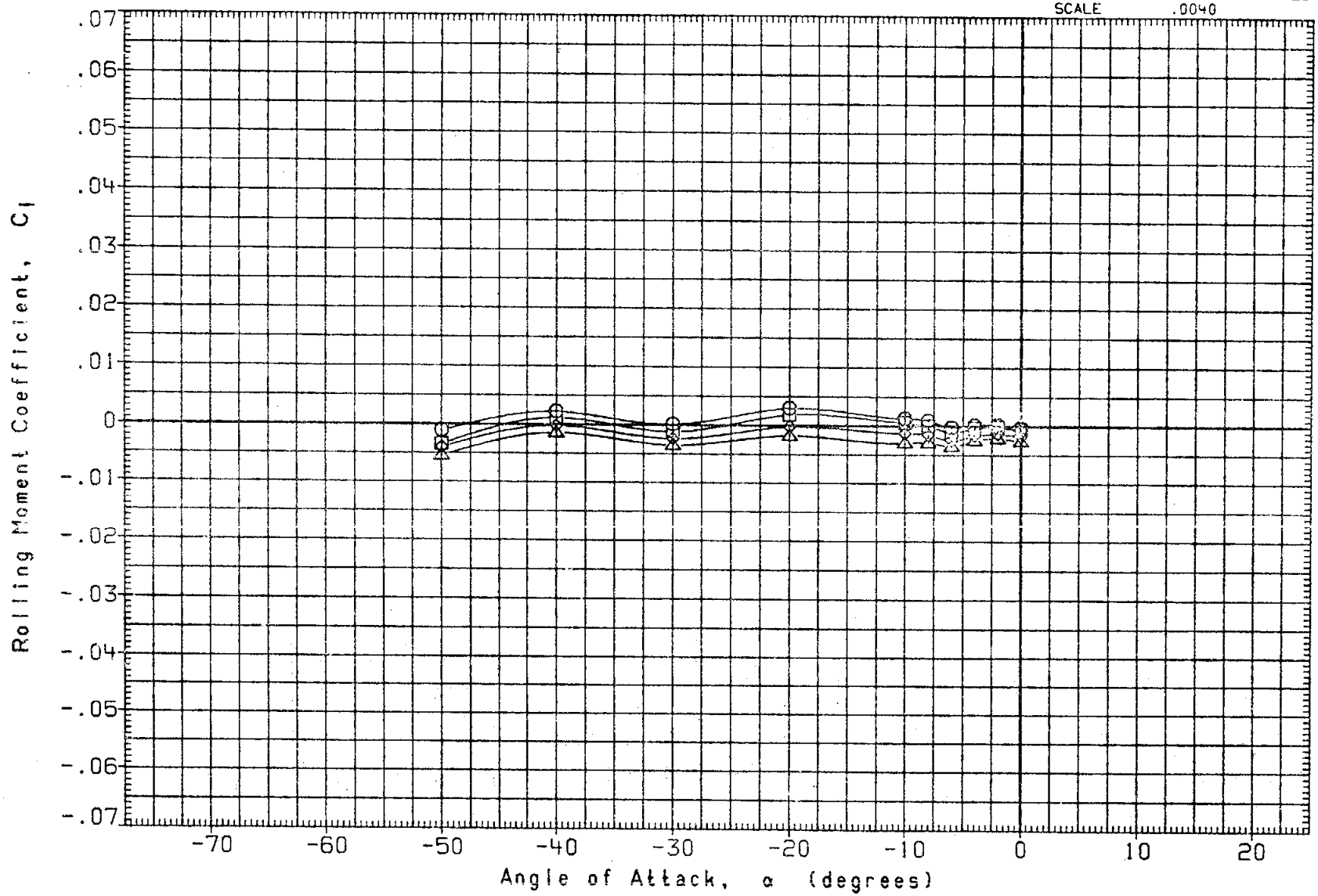

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(C)BETA = 2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

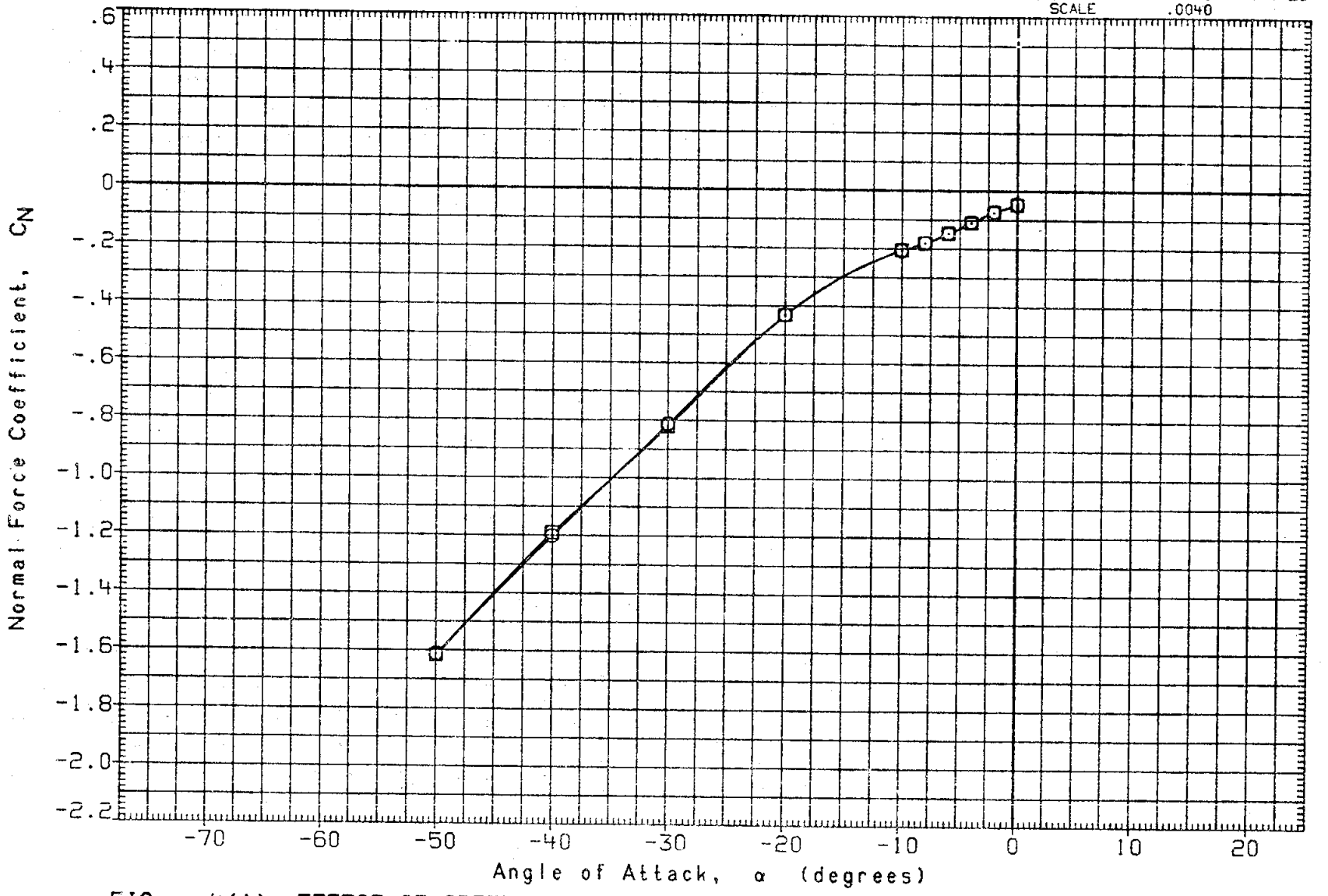

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)
AKZ006	◇	DATA NOT AVAILABLE
AKZ009	△	DATA NOT AVAILABLE

SPDBRK	RUDDER	PHI	SWEEP
.000	.100	180.000	DECRSE
25.000	2.400	180.000	DECRSE
55.000	.800	180.000	DECRSE
85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

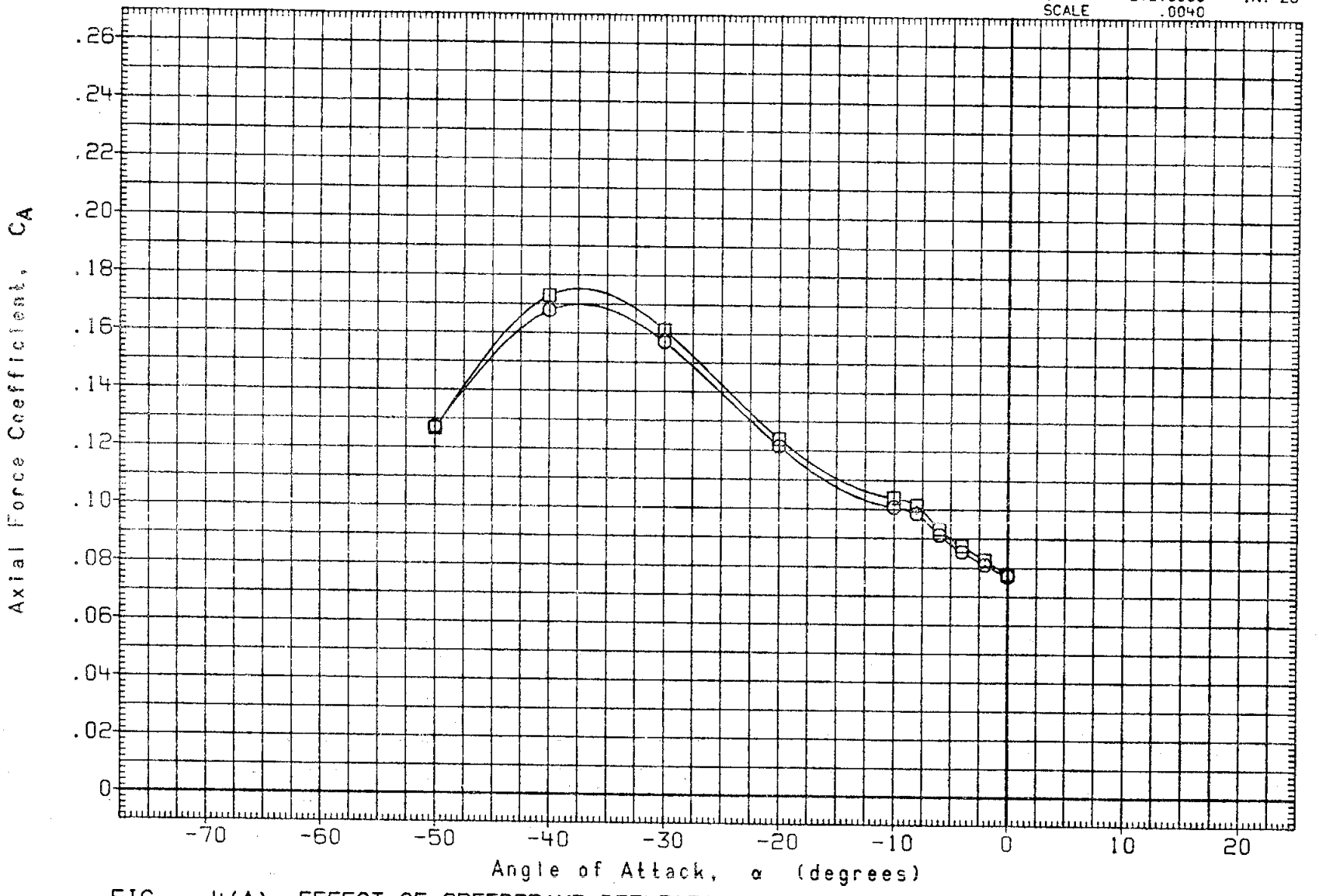

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

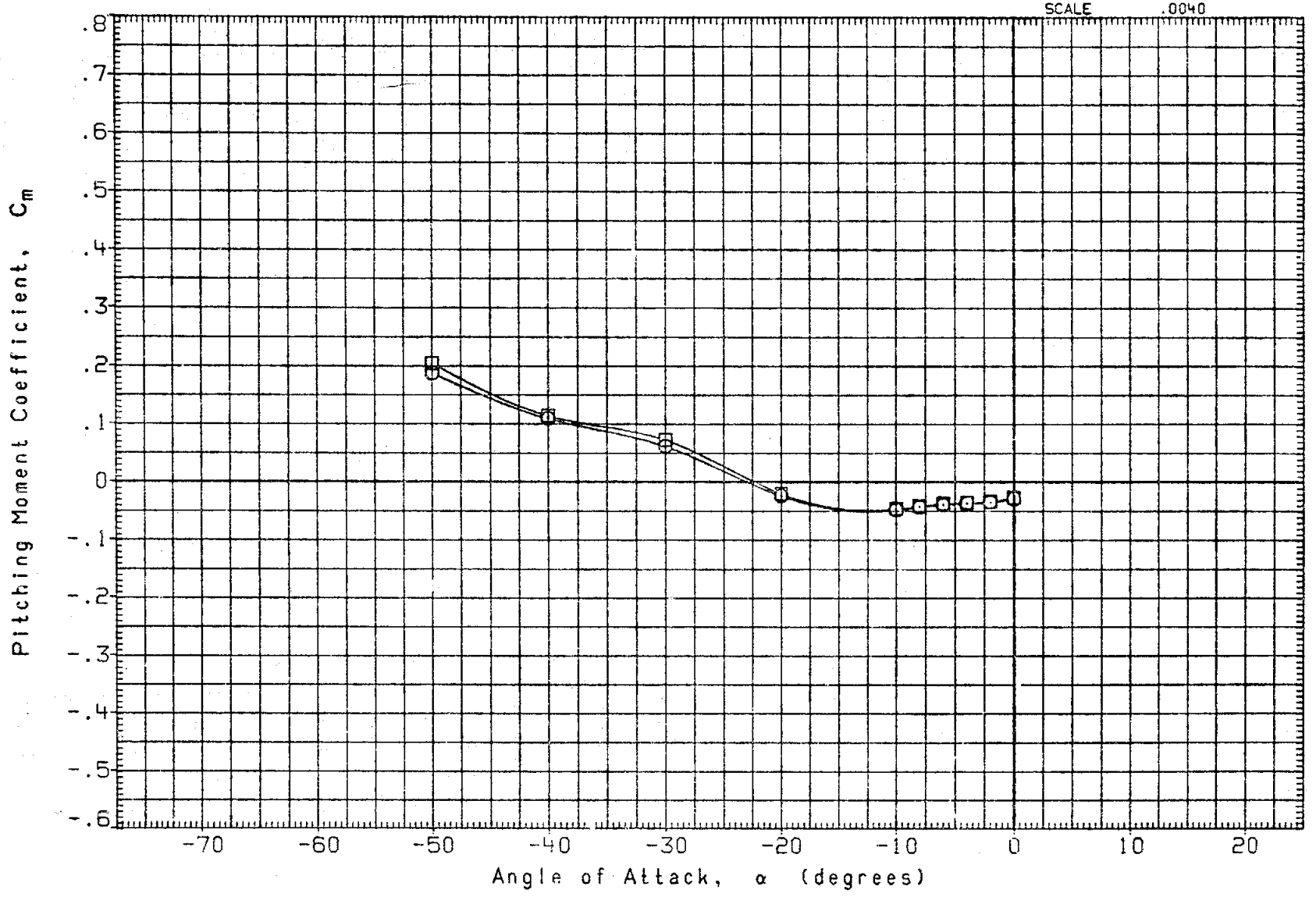

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6600	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

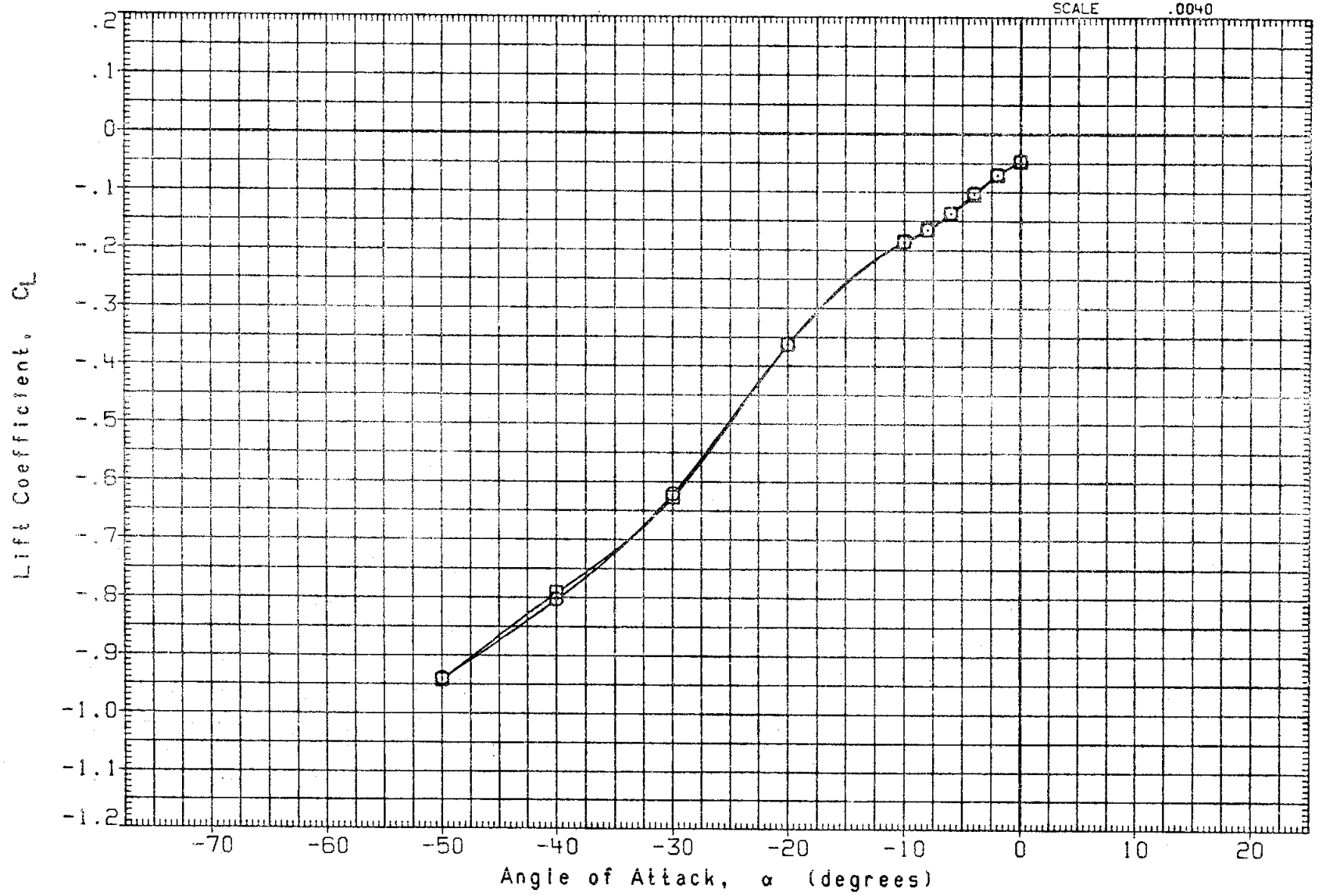

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
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AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

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XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

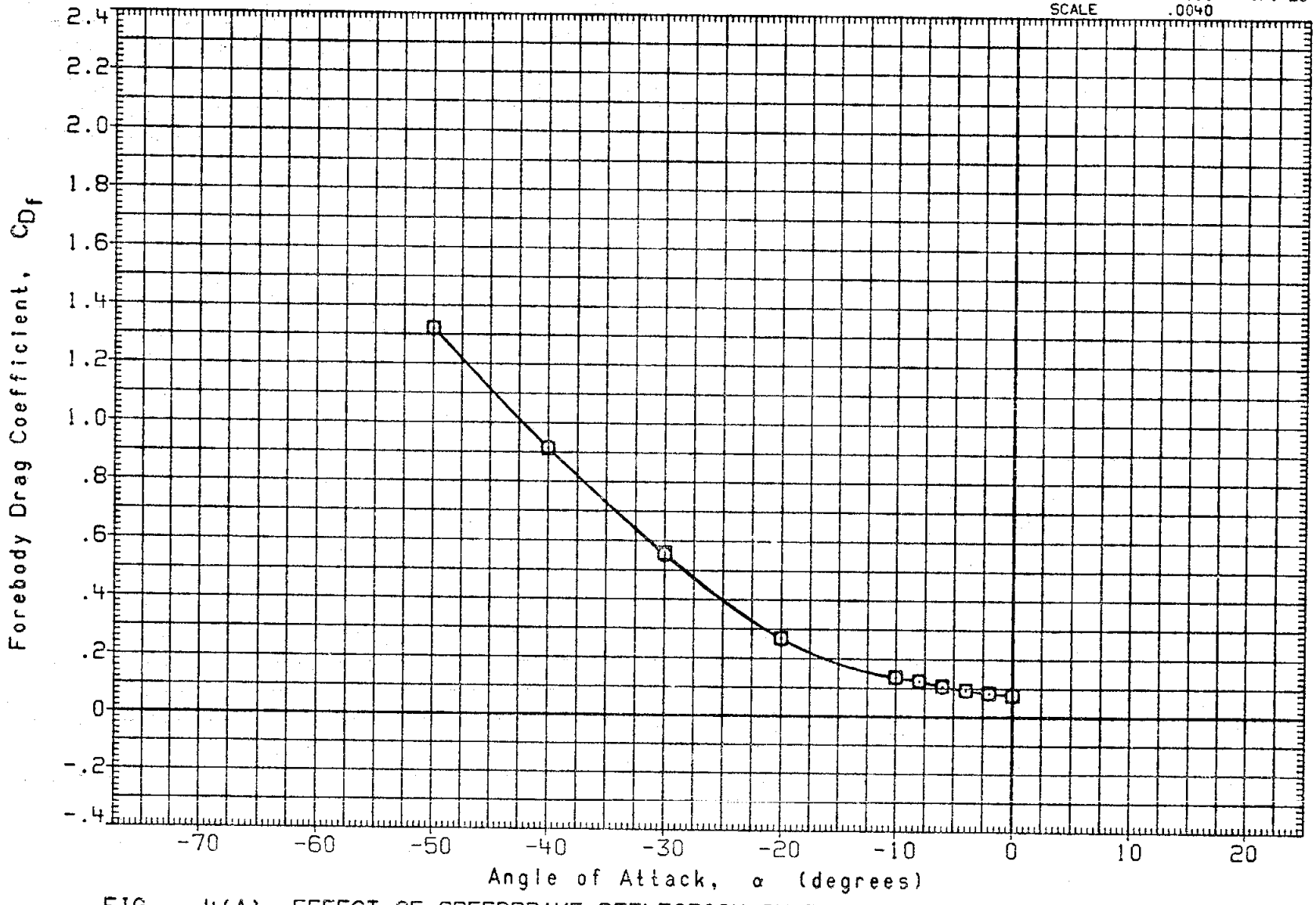

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
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AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

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ZMRP	375.0000	IN. ZO
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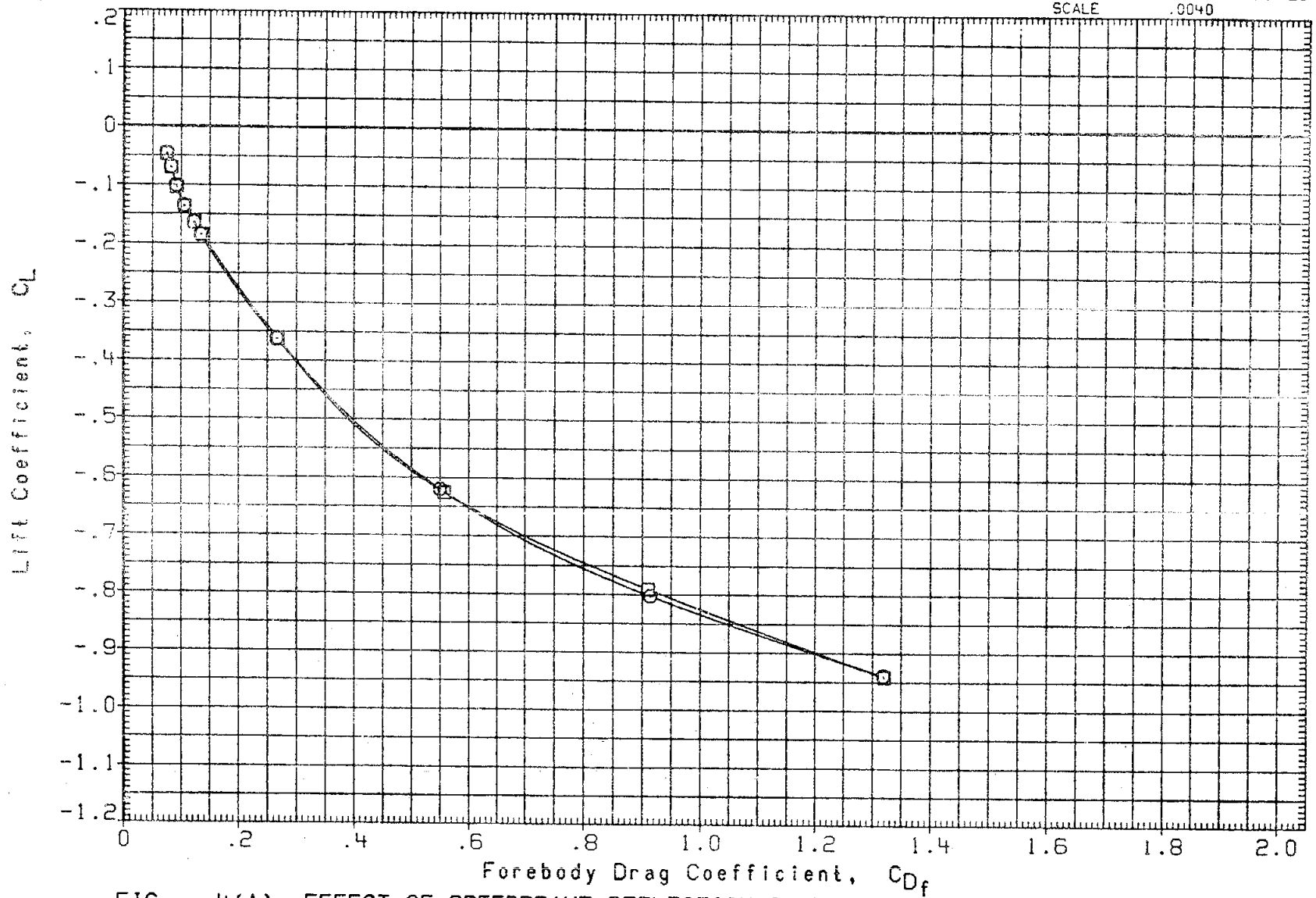

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

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DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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SCALE	.0040	

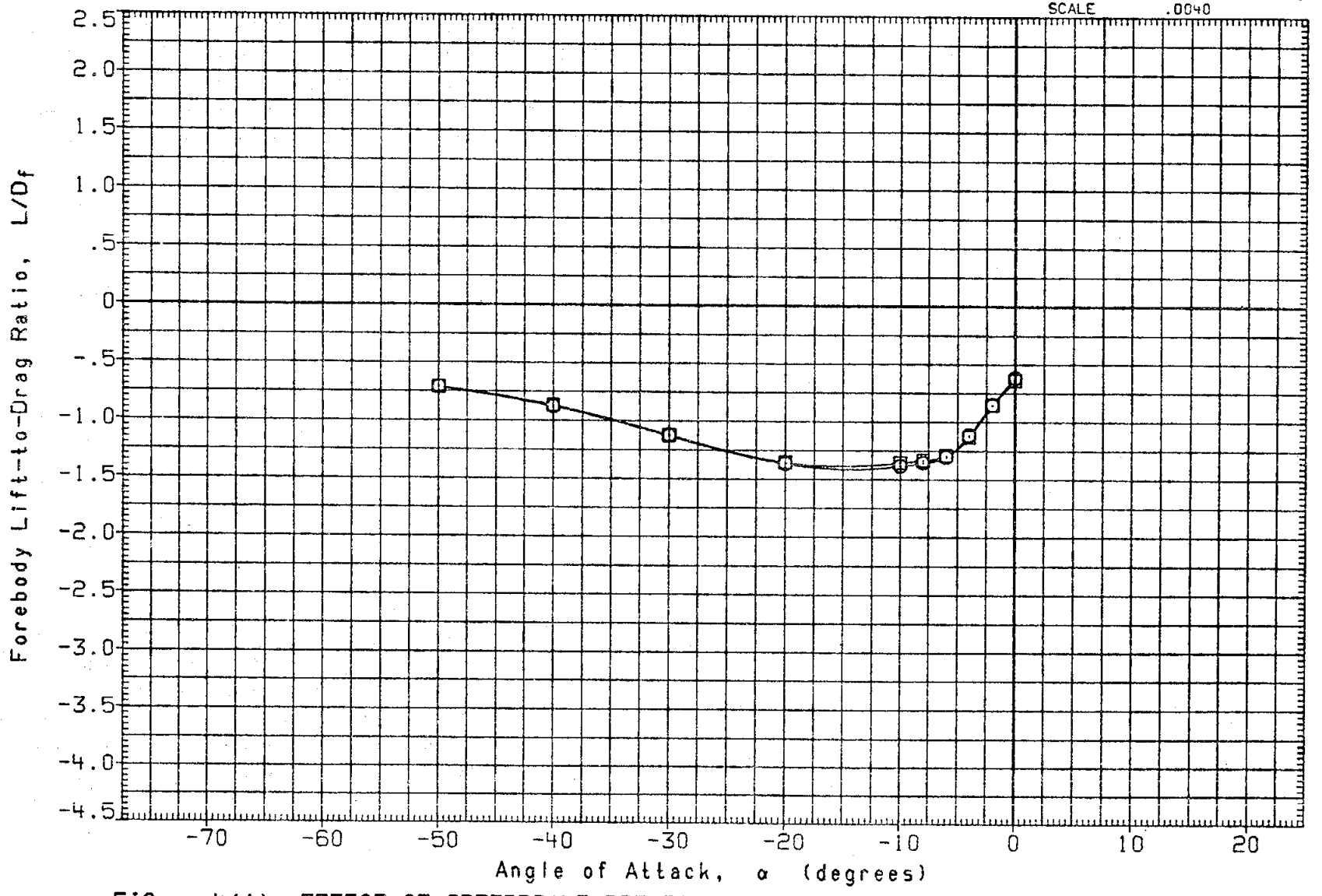

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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SCALE	.0040	

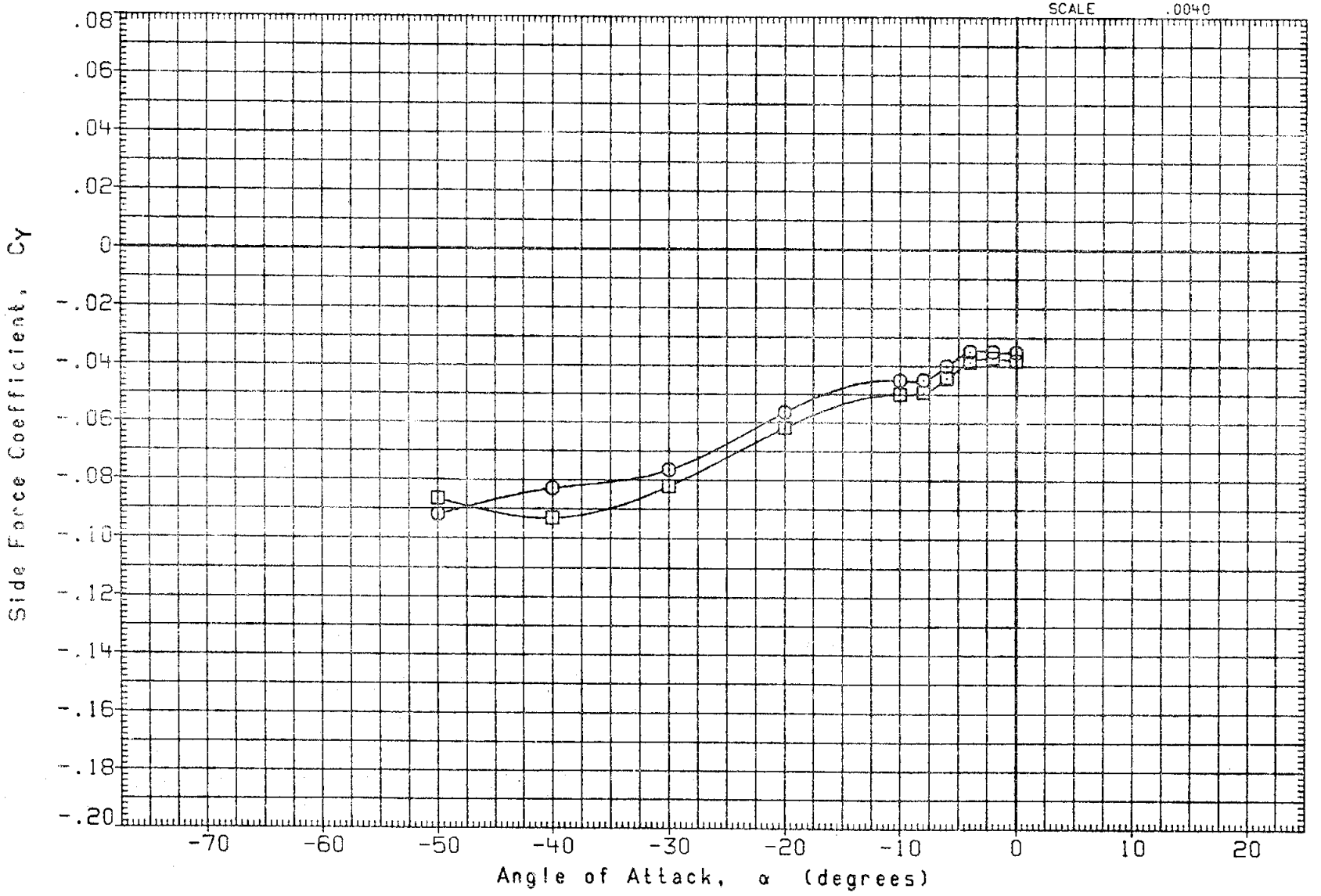

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
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AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	35.000	1.400	180.000	DECRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
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BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
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SCALE	.0040	

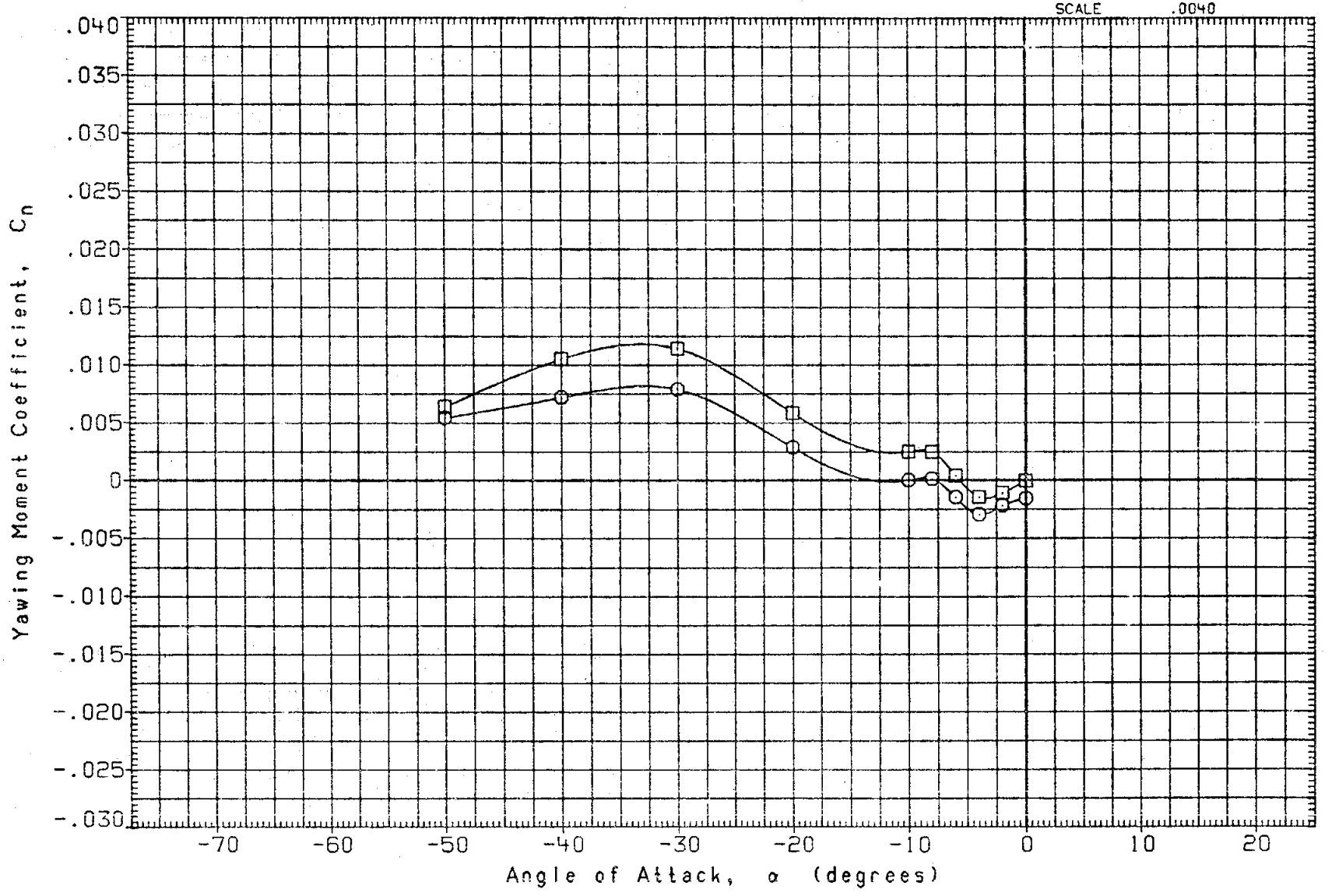

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

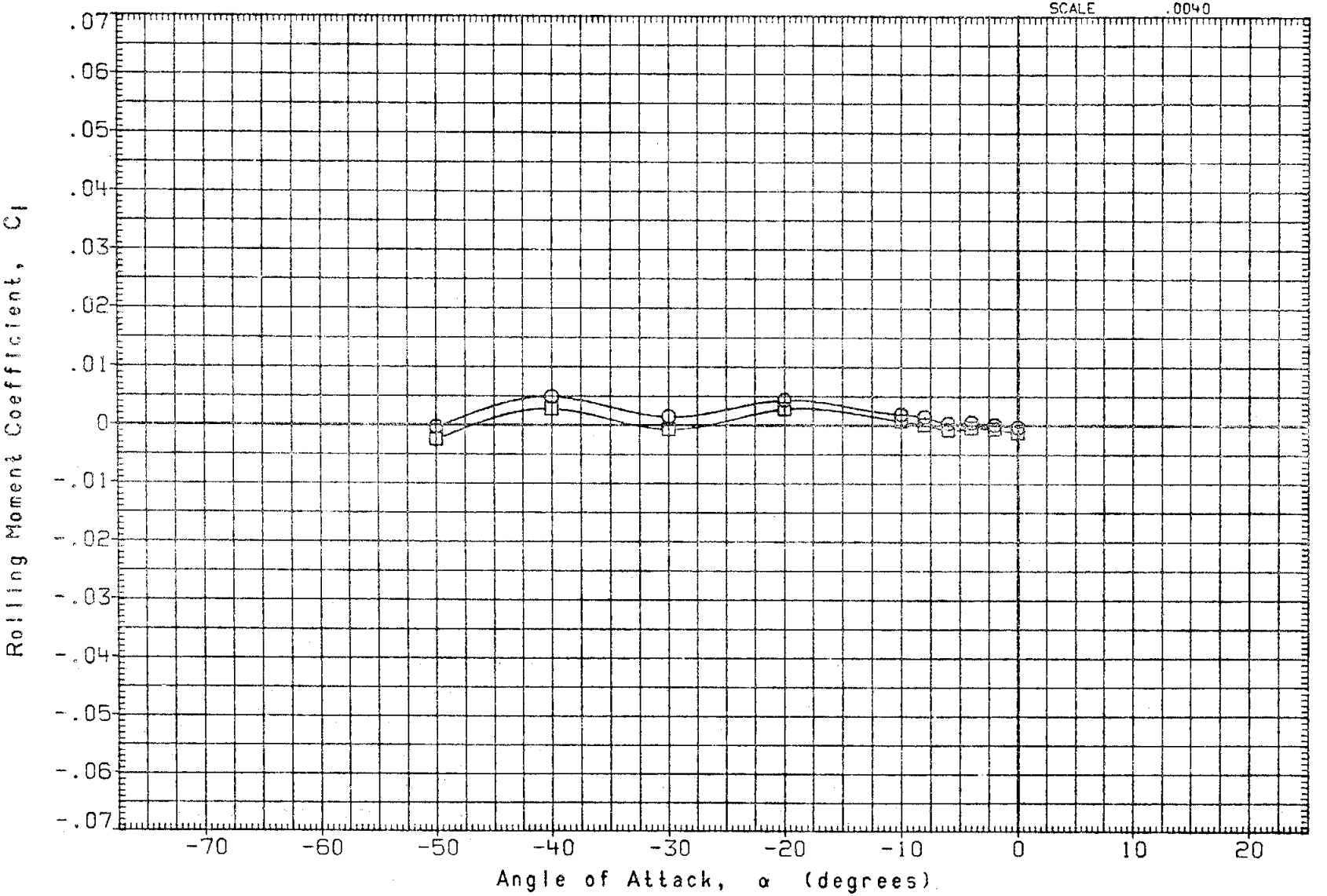

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(D)BETA = 3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

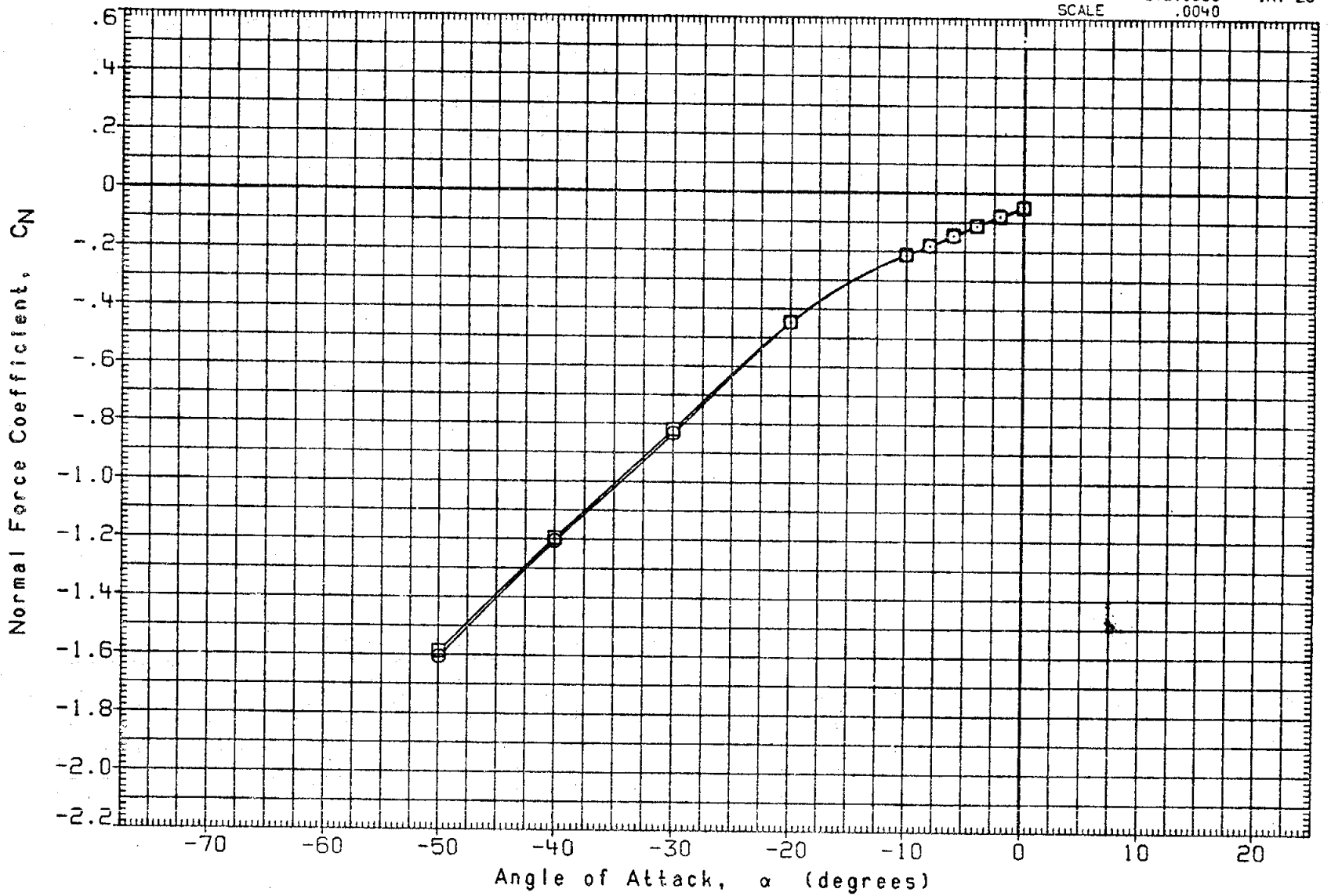

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

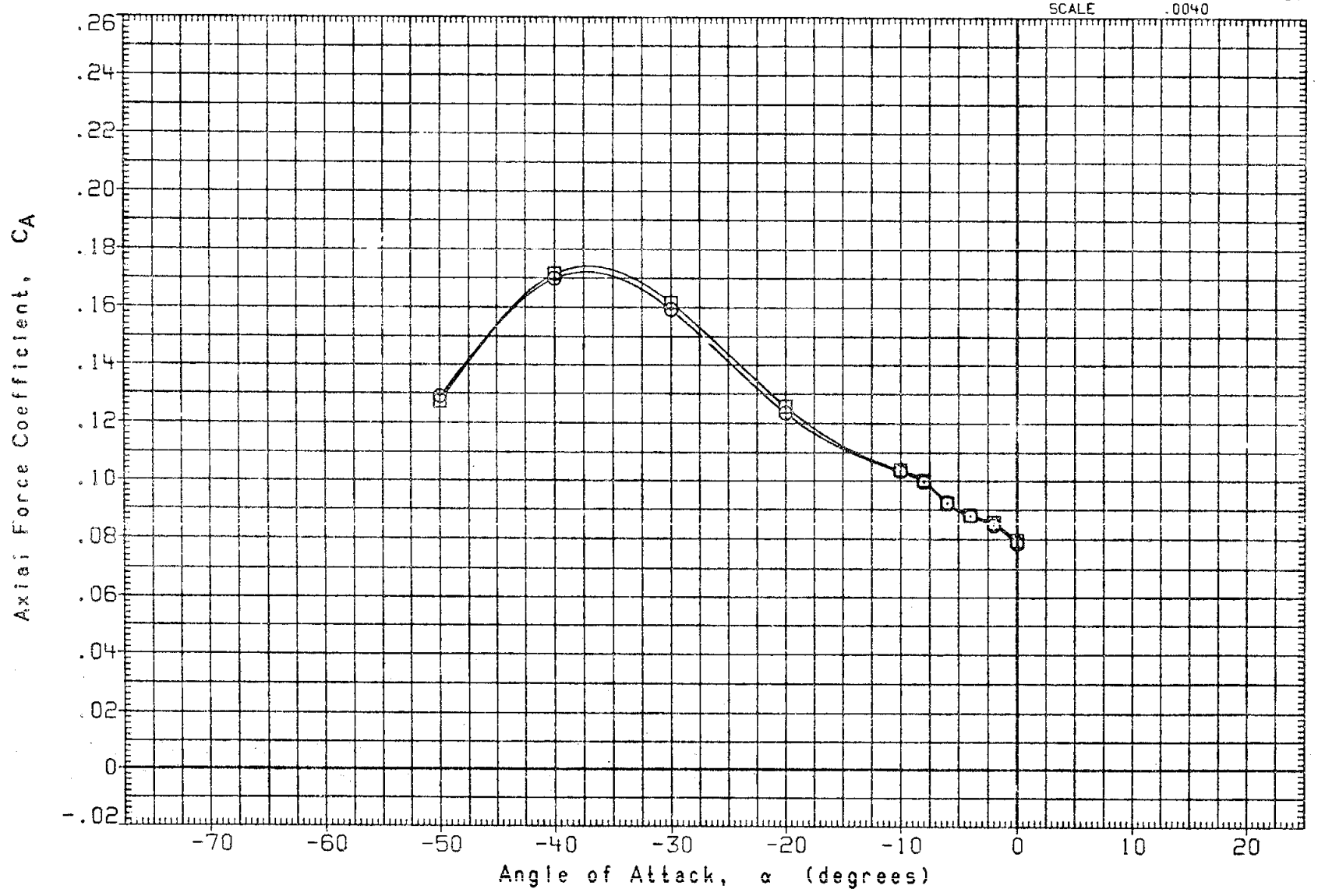

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

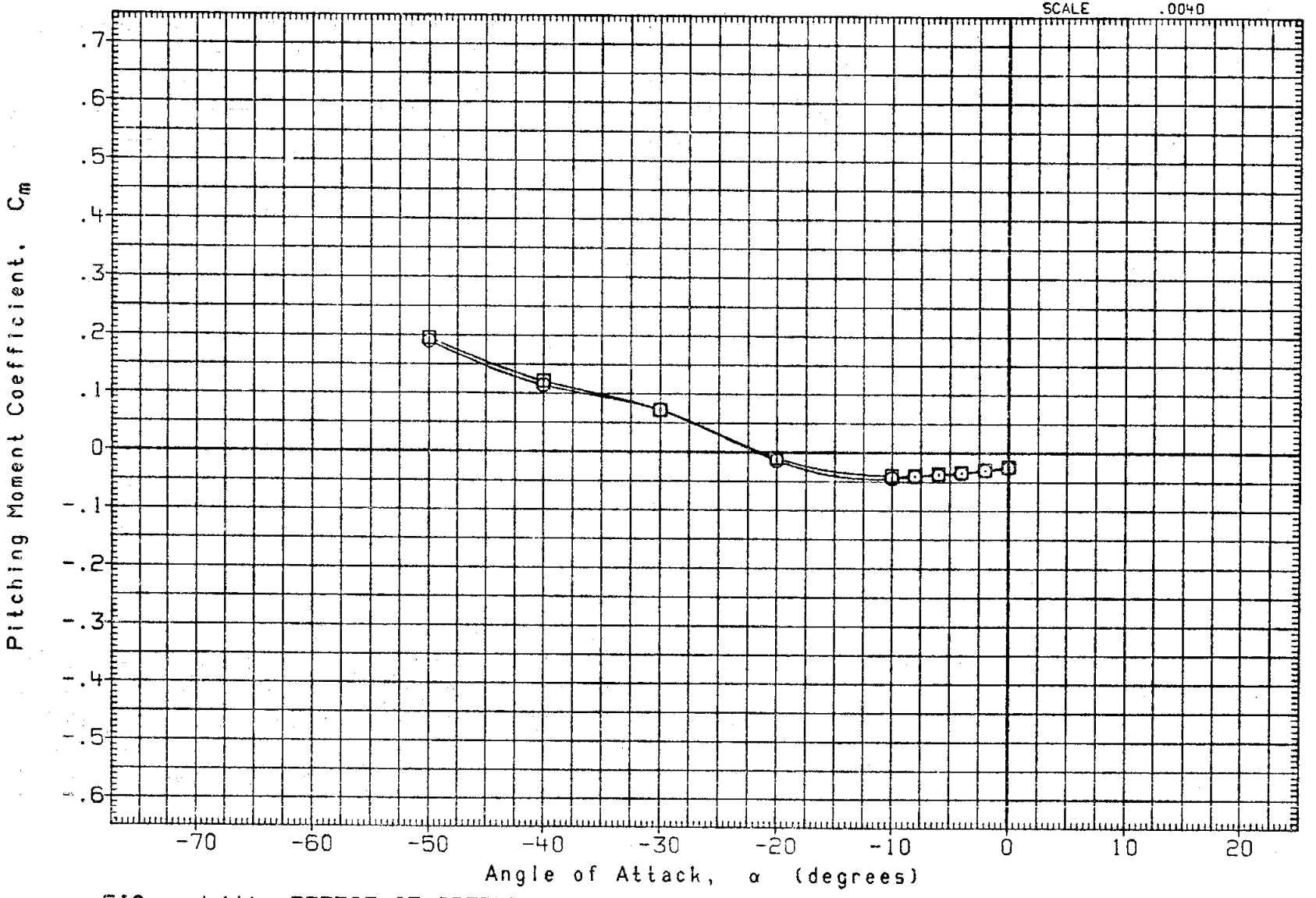

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

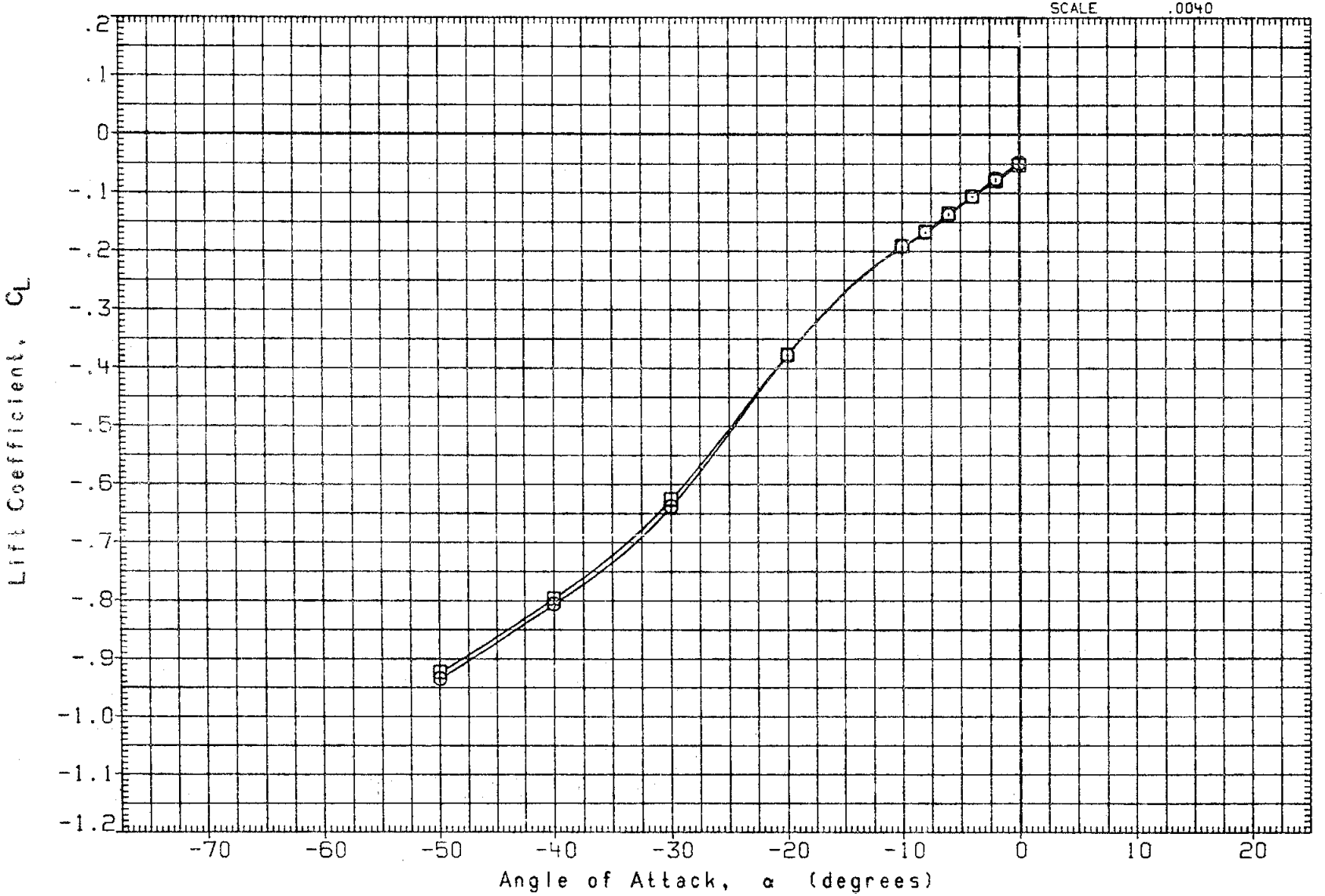

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

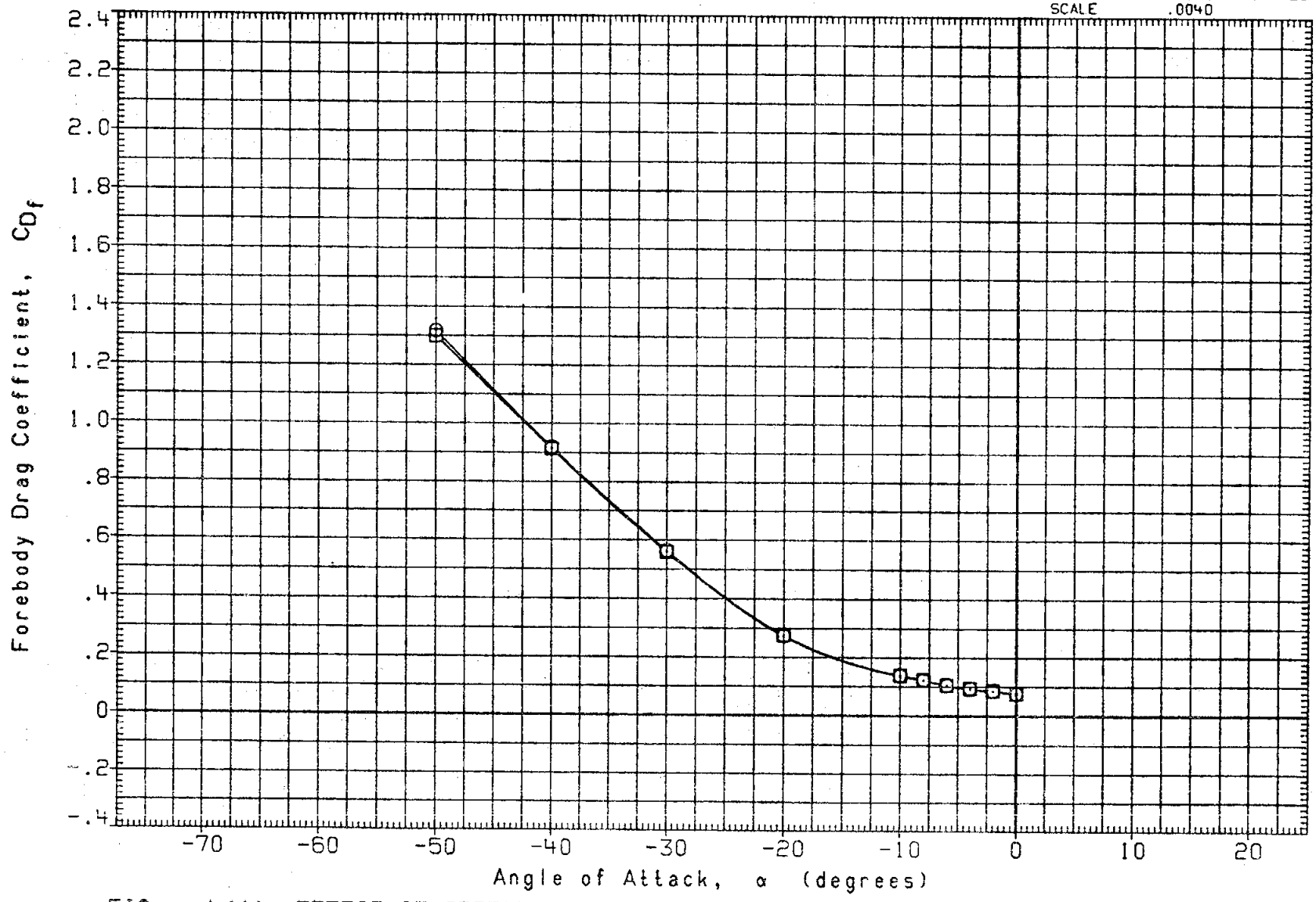

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6900	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

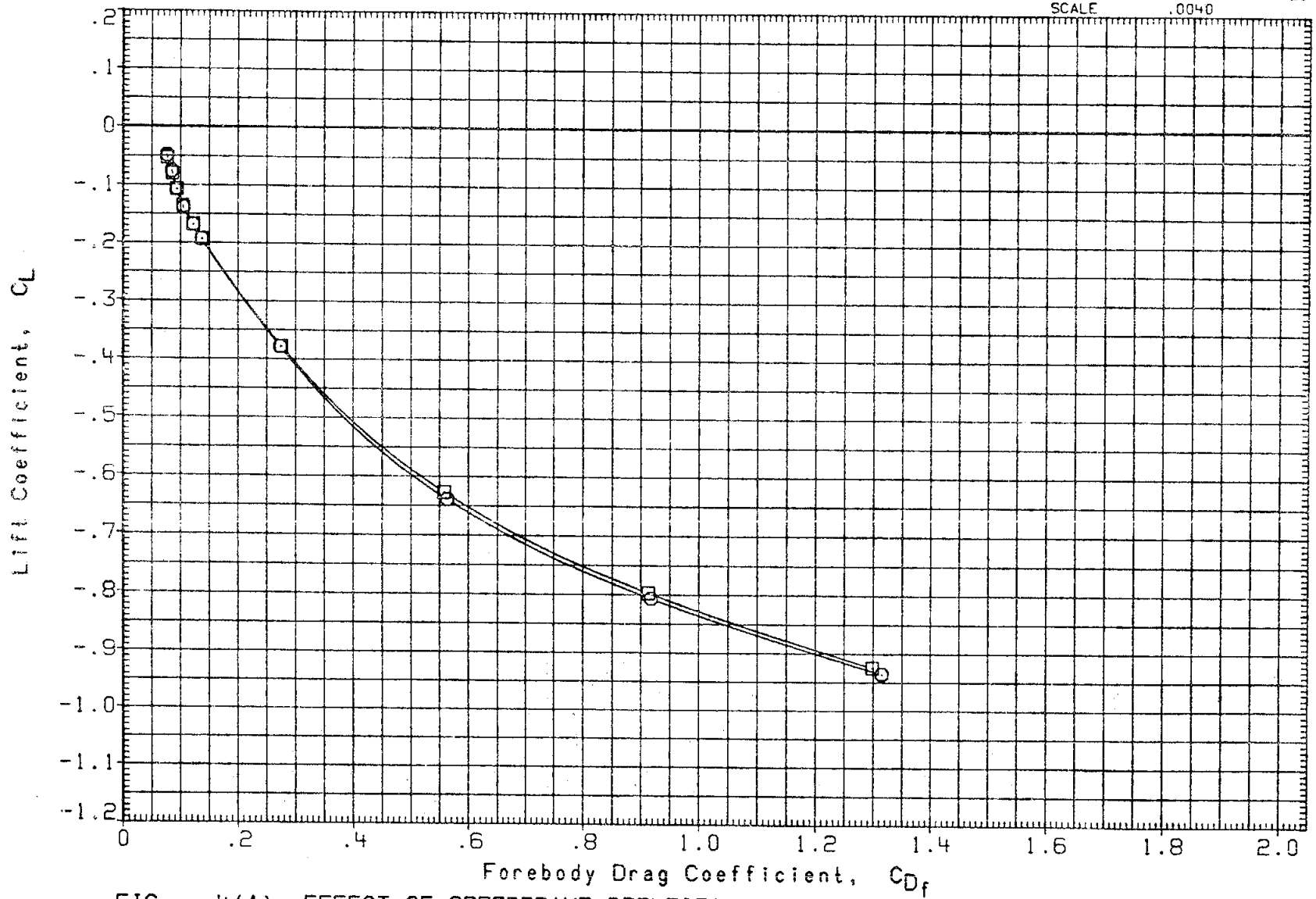

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED. BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

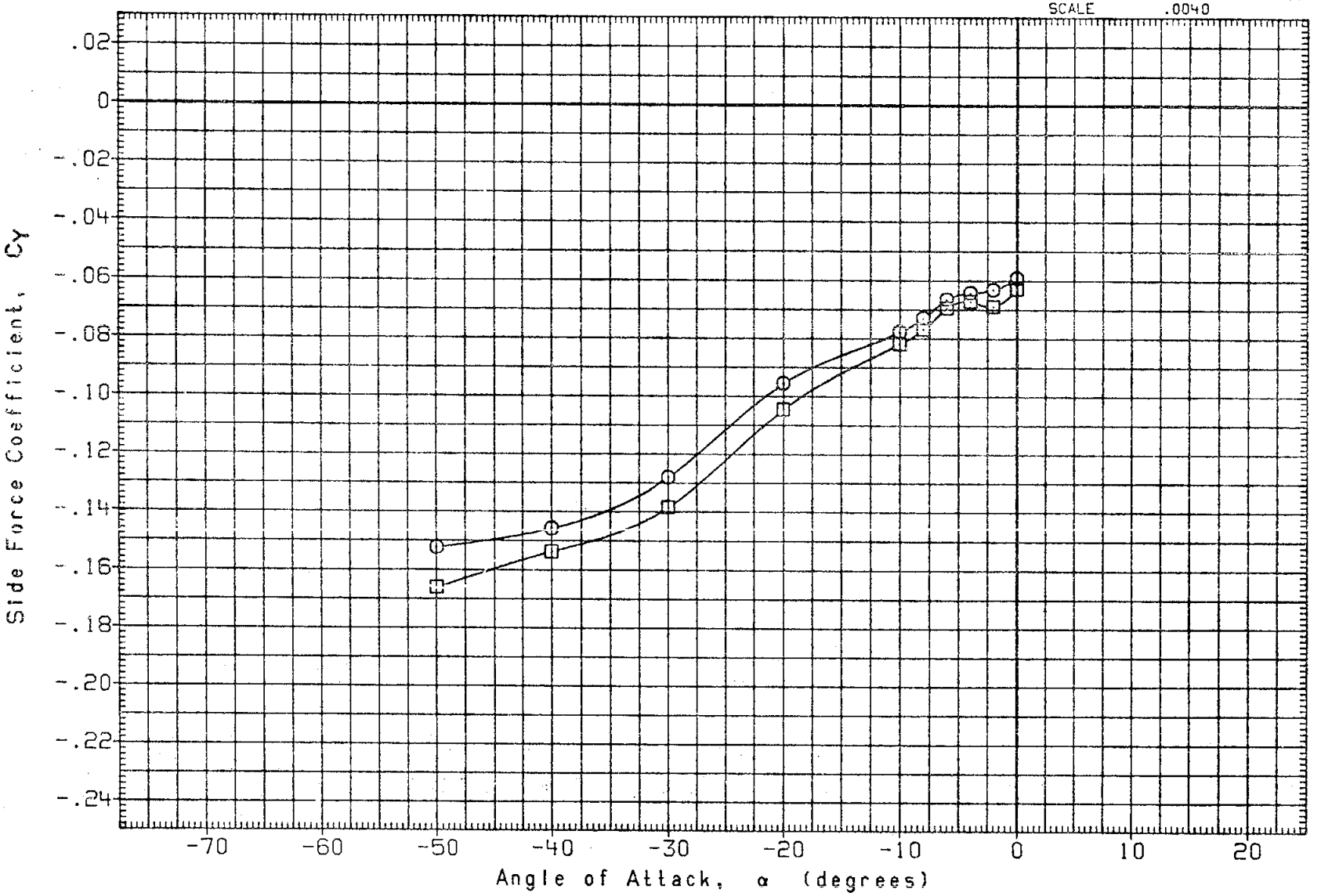

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)
AKZ006	◇	DATA NOT AVAILABLE
AKZ009	△	DATA NOT AVAILABLE

SPDBRK	RUDDER	PHI	SWEEP
.000	.100	180.000	DECRSE
25.000	2.400	180.000	DECRSE
55.000	.800	180.000	DECRSE
85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

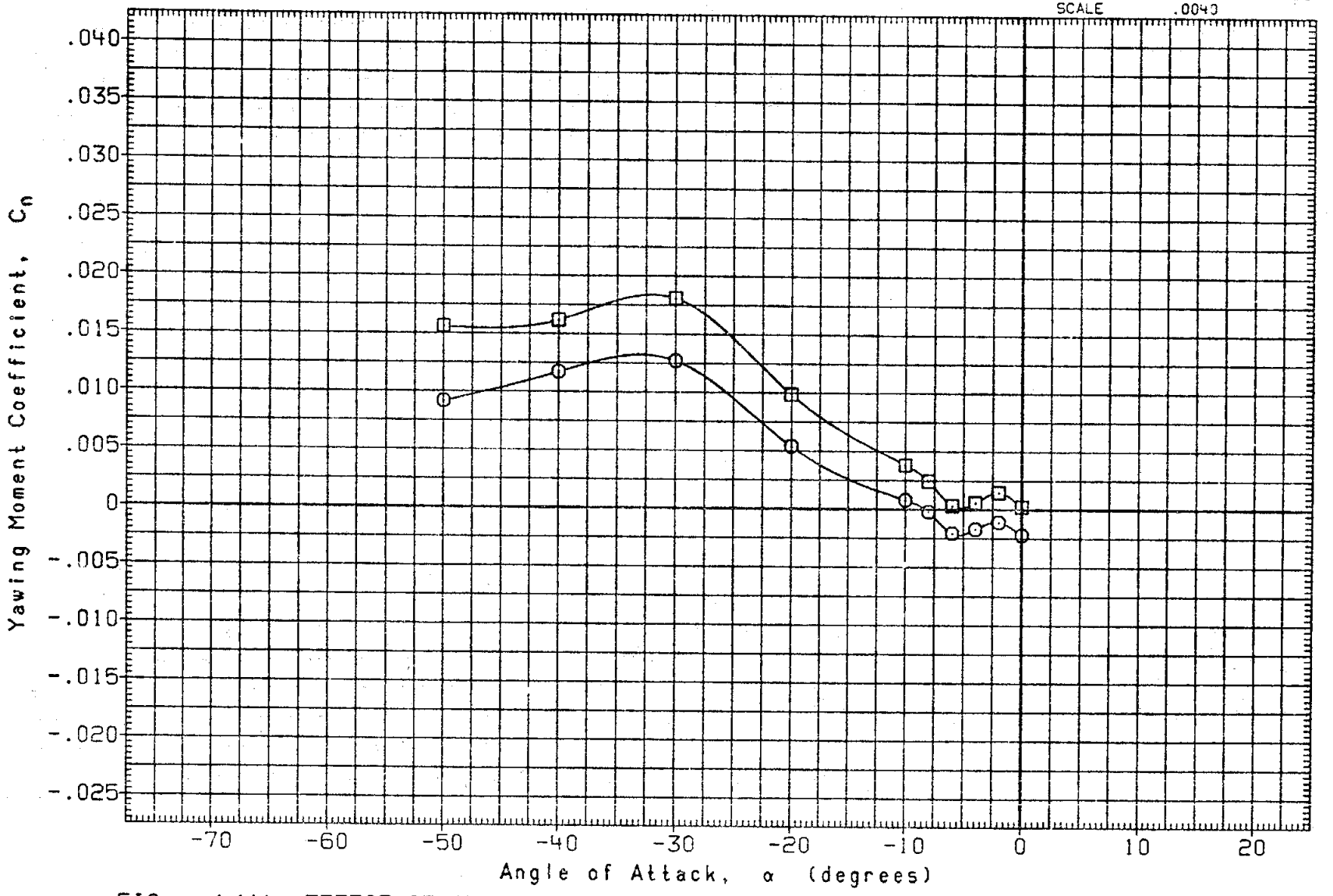

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ001	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	180.000	DECRSE
AKZ003	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	180.000	DECRSE
AKZ006	◇	DATA NOT AVAILABLE	55.000	.800	180.000	DECRSE
AKZ009	△	DATA NOT AVAILABLE	85.000	1.400	180.000	DECRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

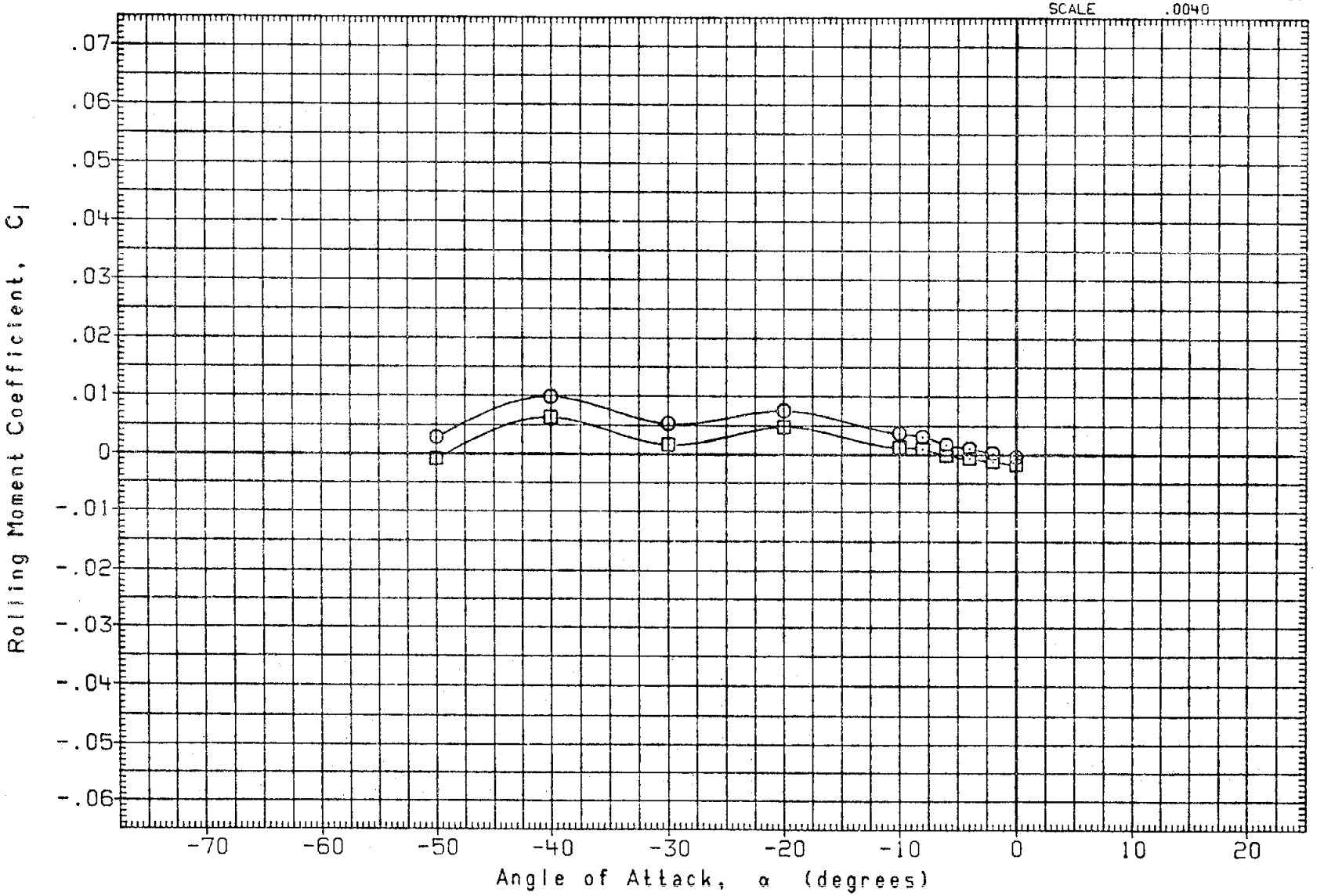

FIG. 4(A) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL INVERTED, BODY FLAP = ELEVONS = 0

(E)BETA = 5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6900	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

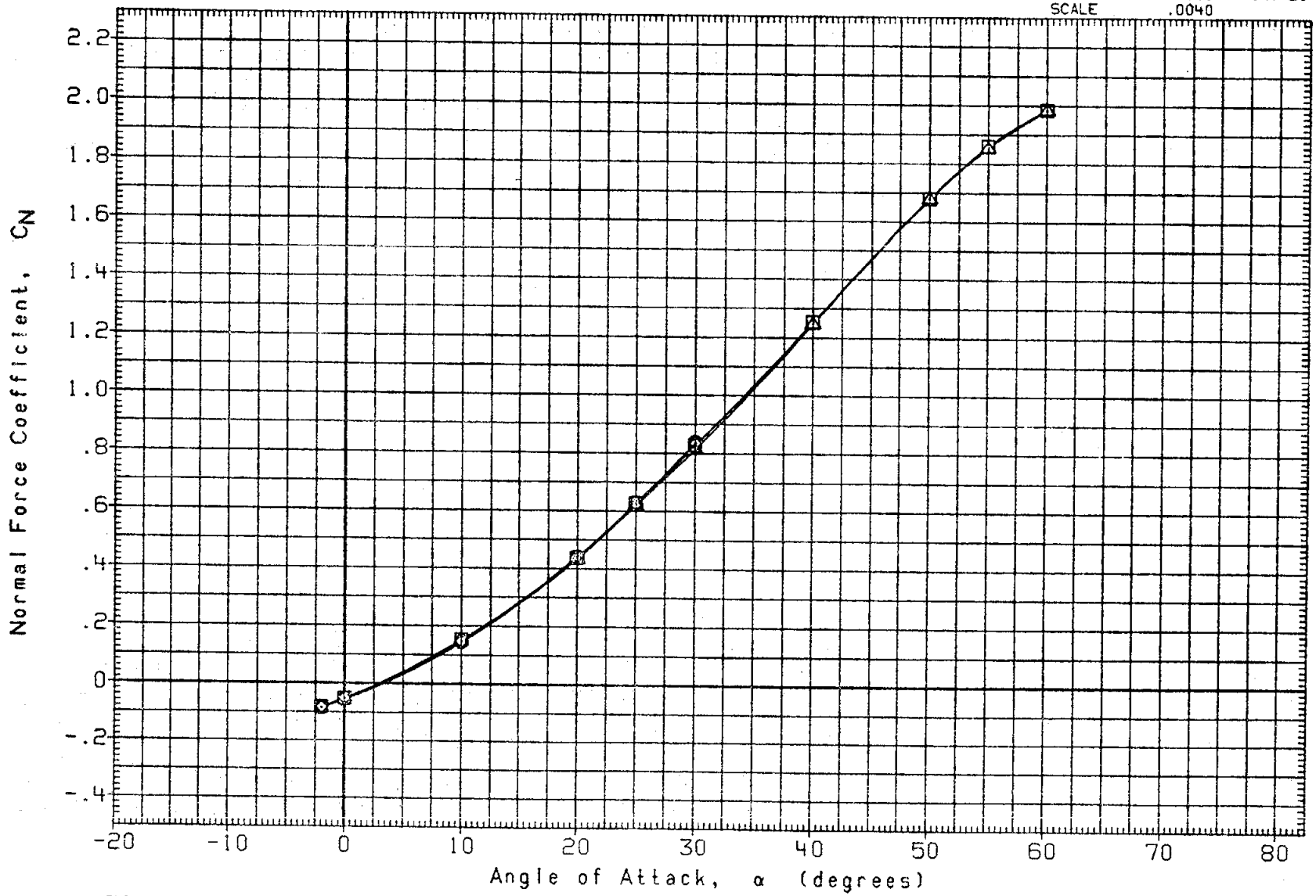

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M5-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

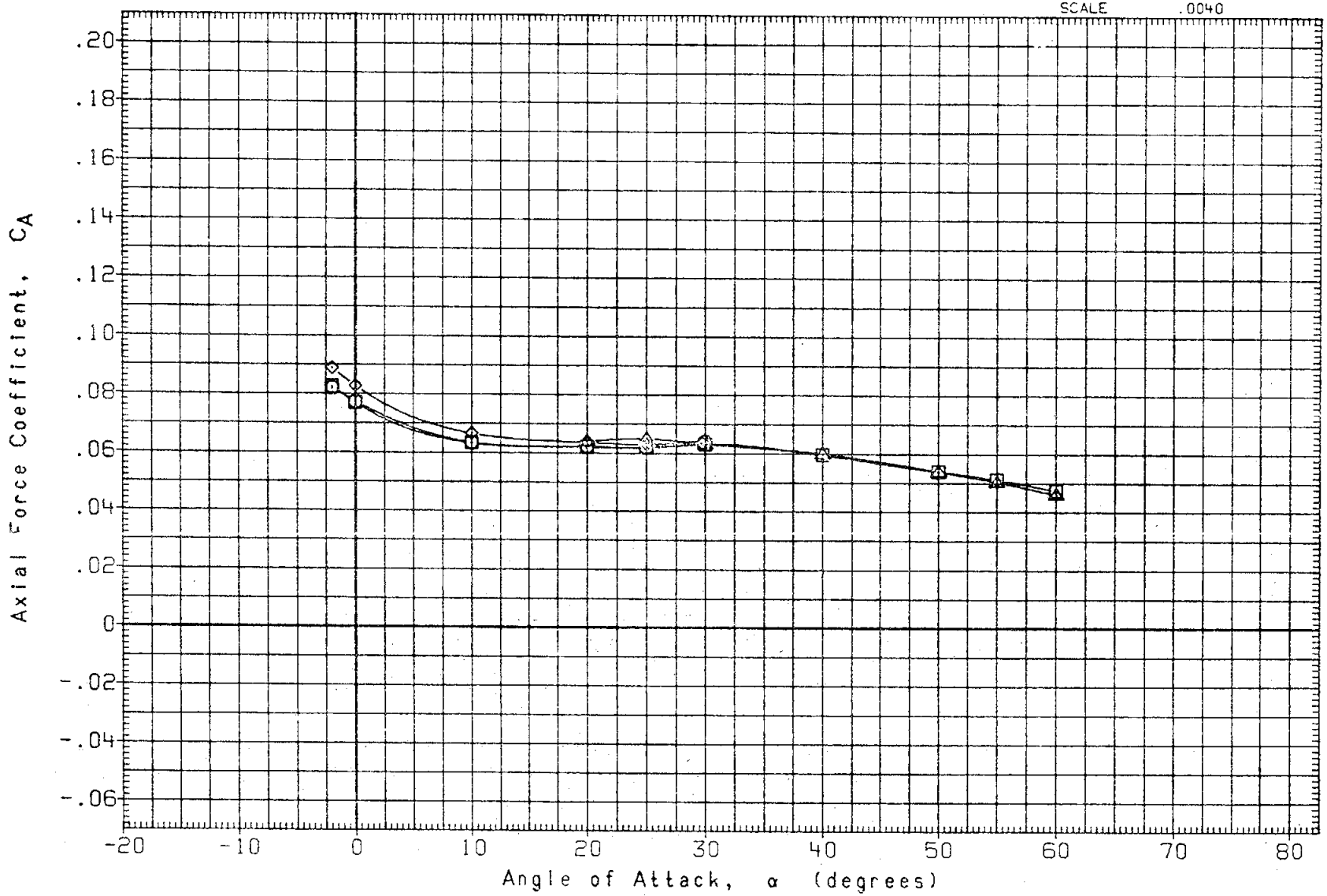

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

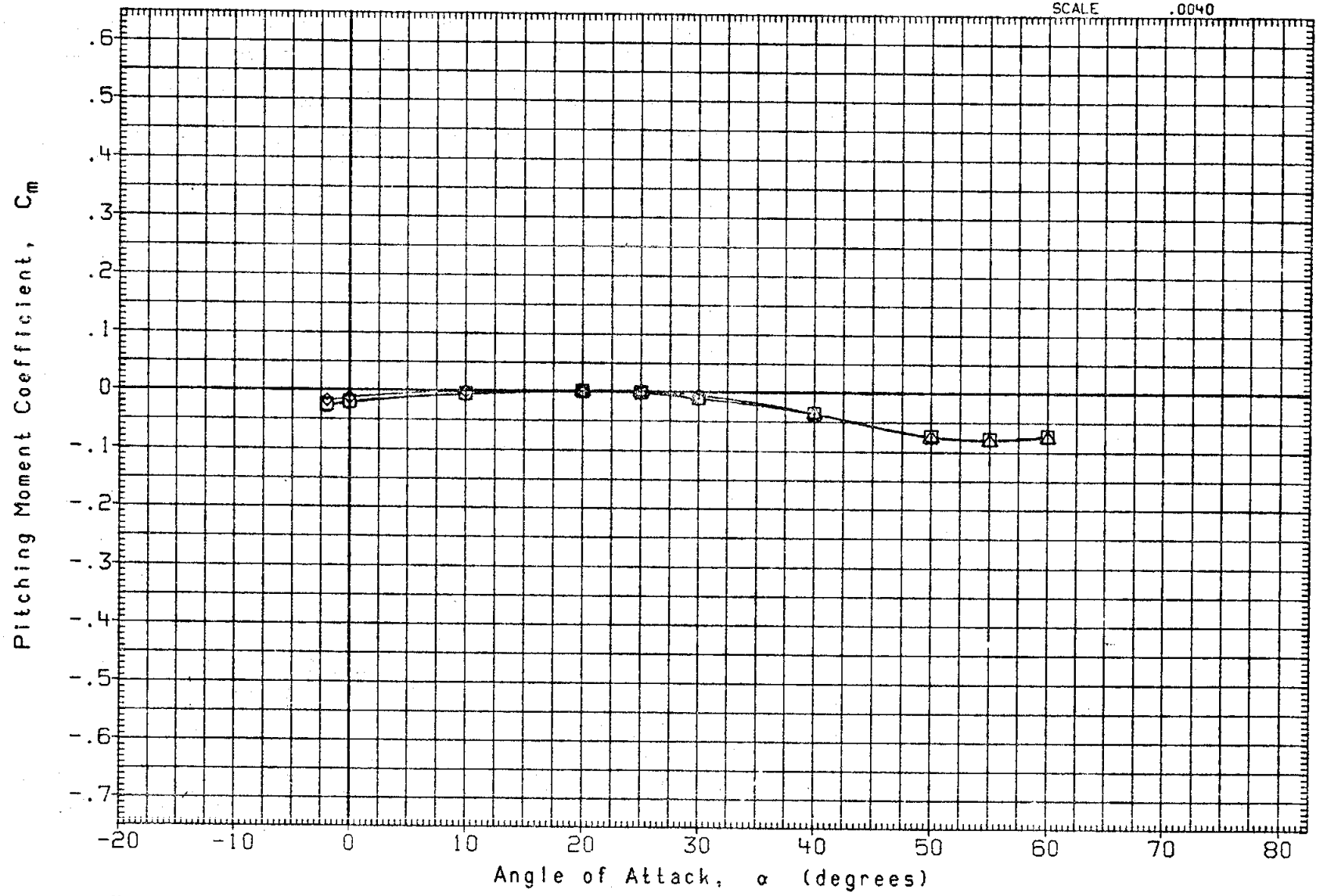

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6600	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

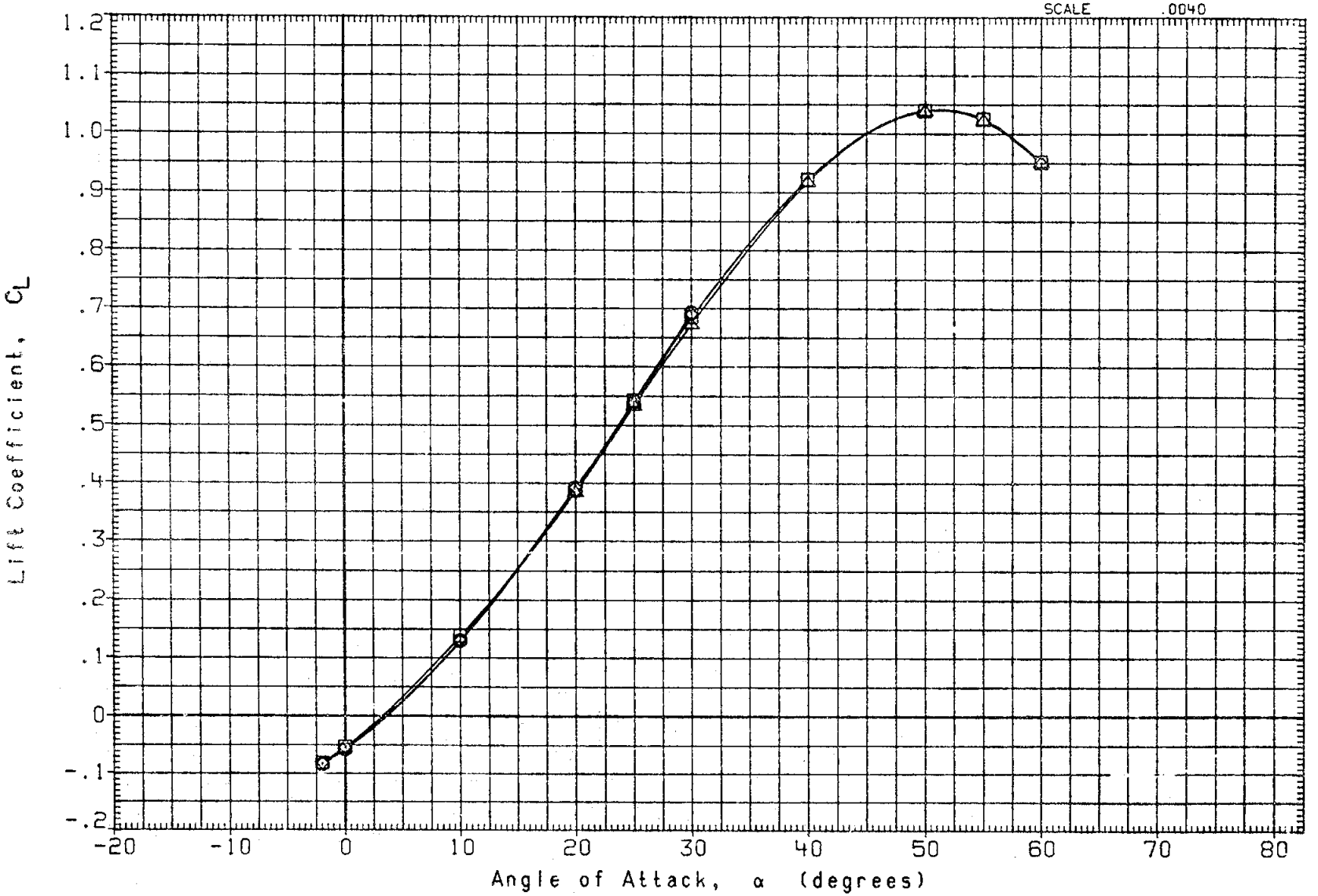

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

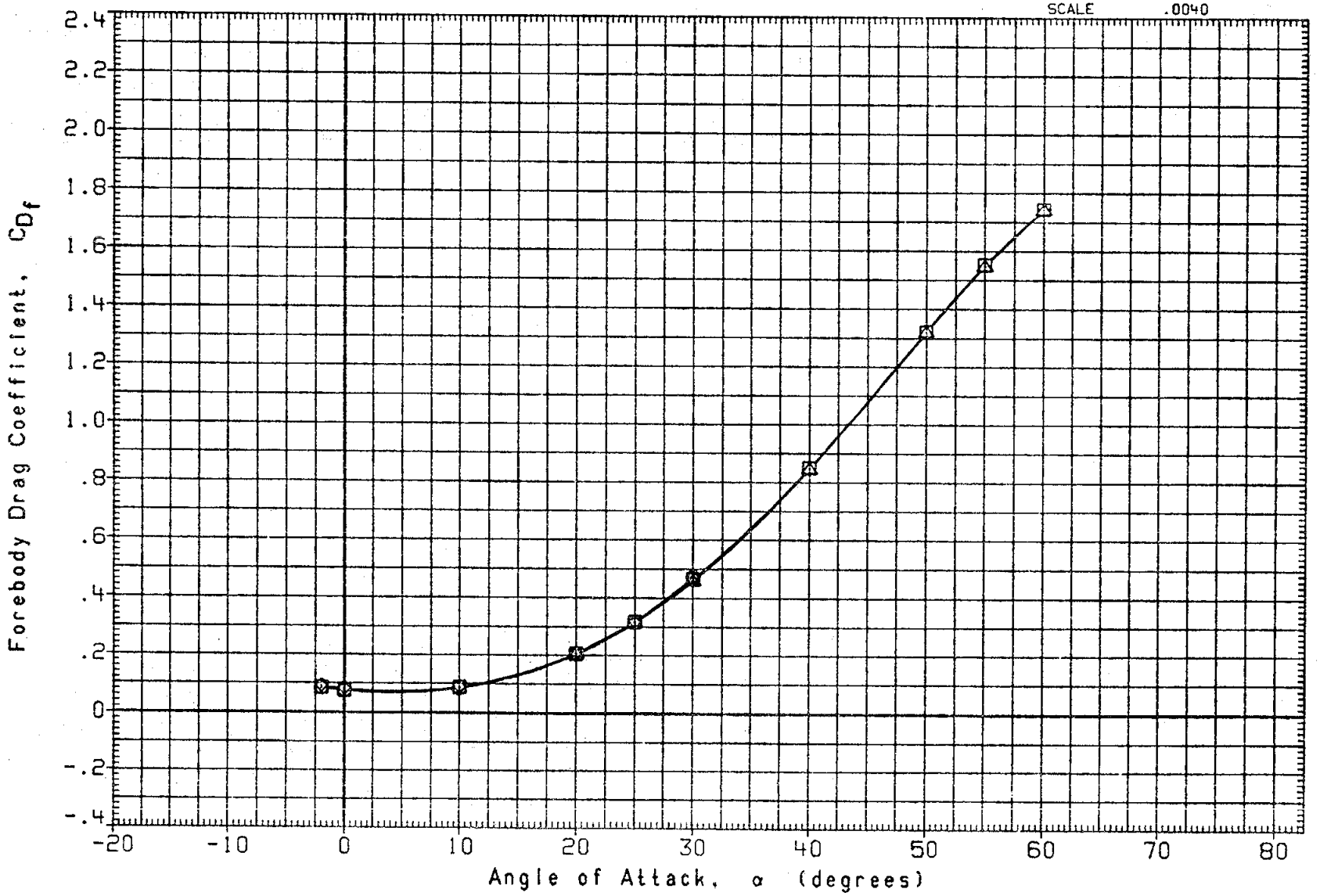

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

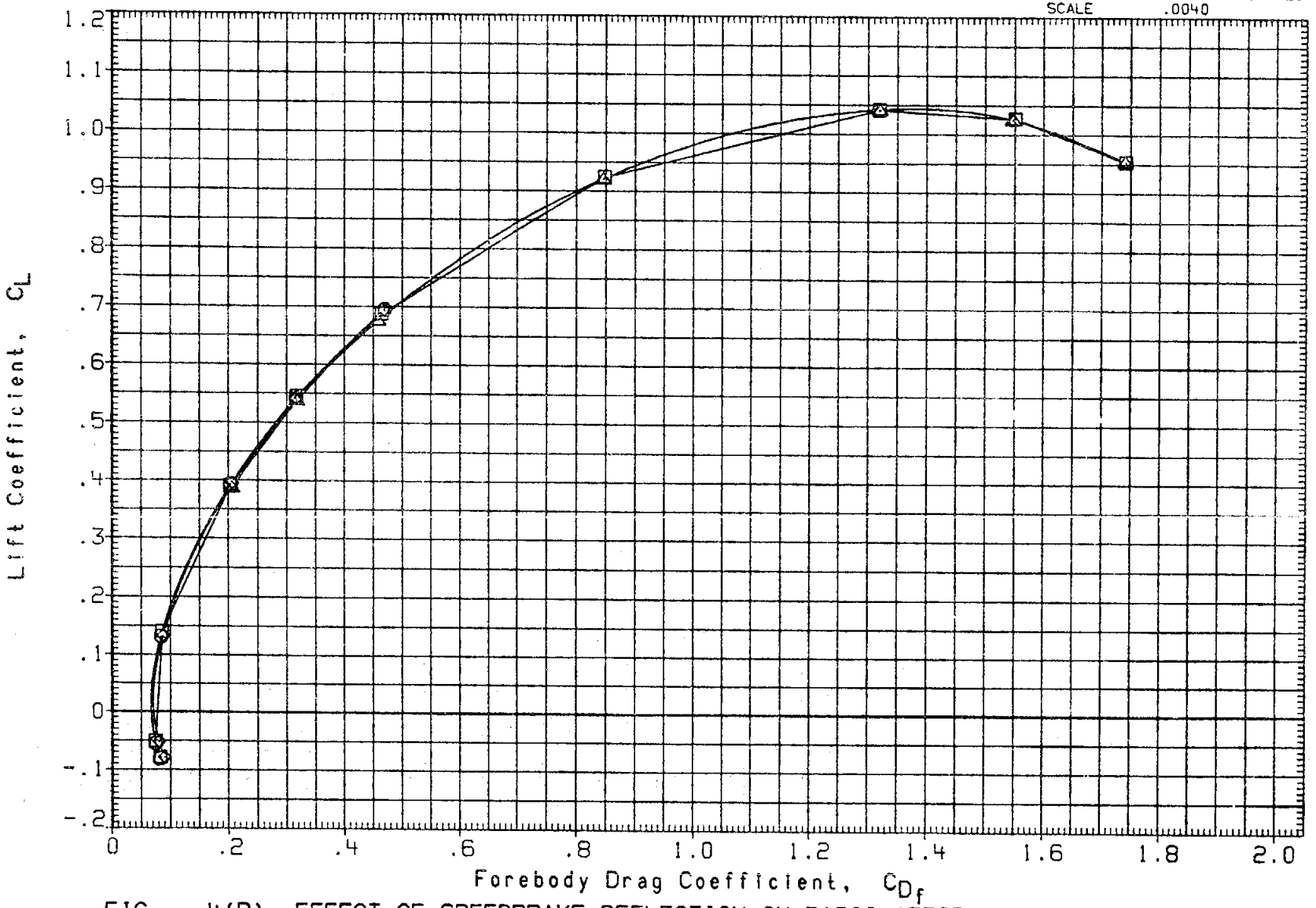

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

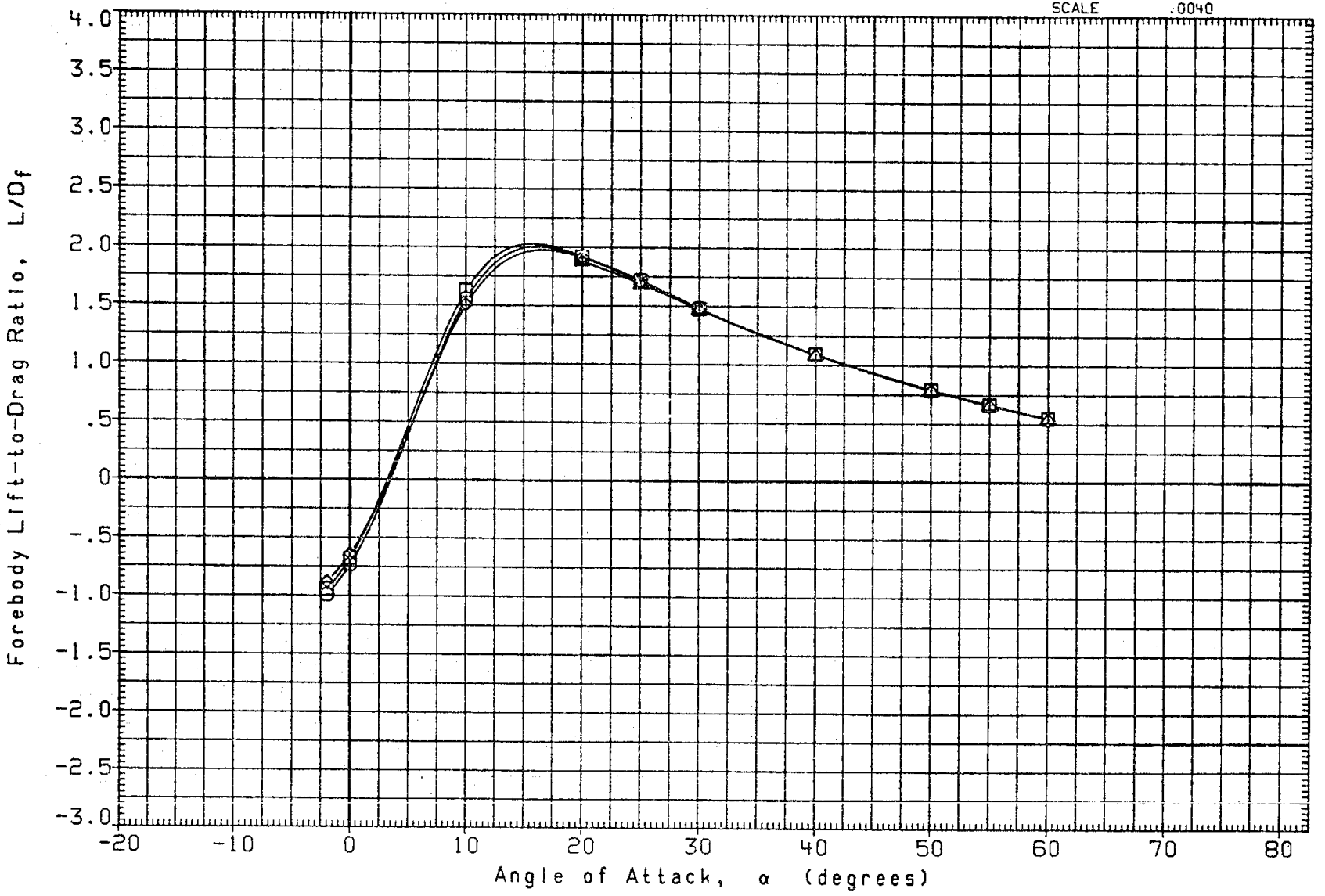

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

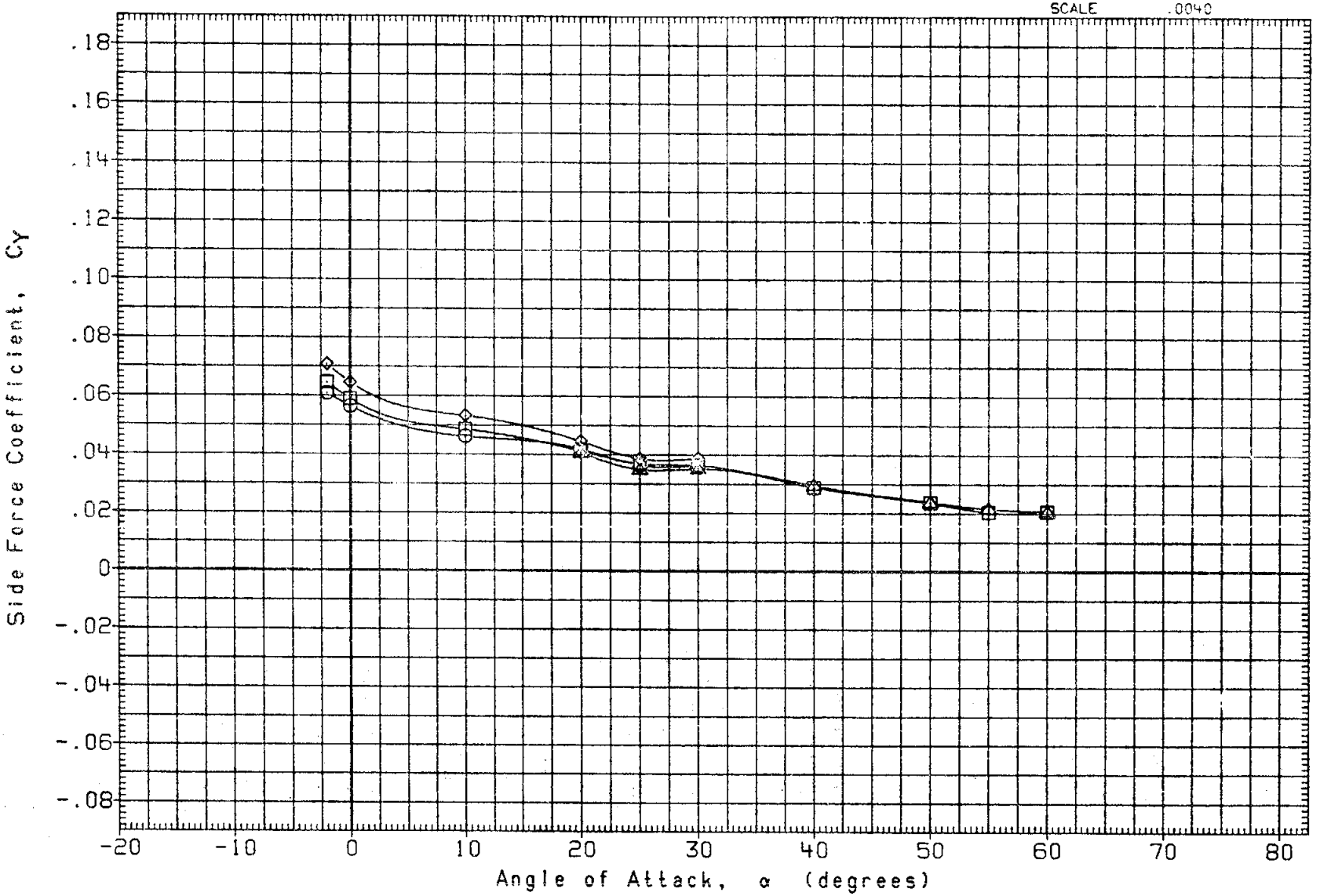

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

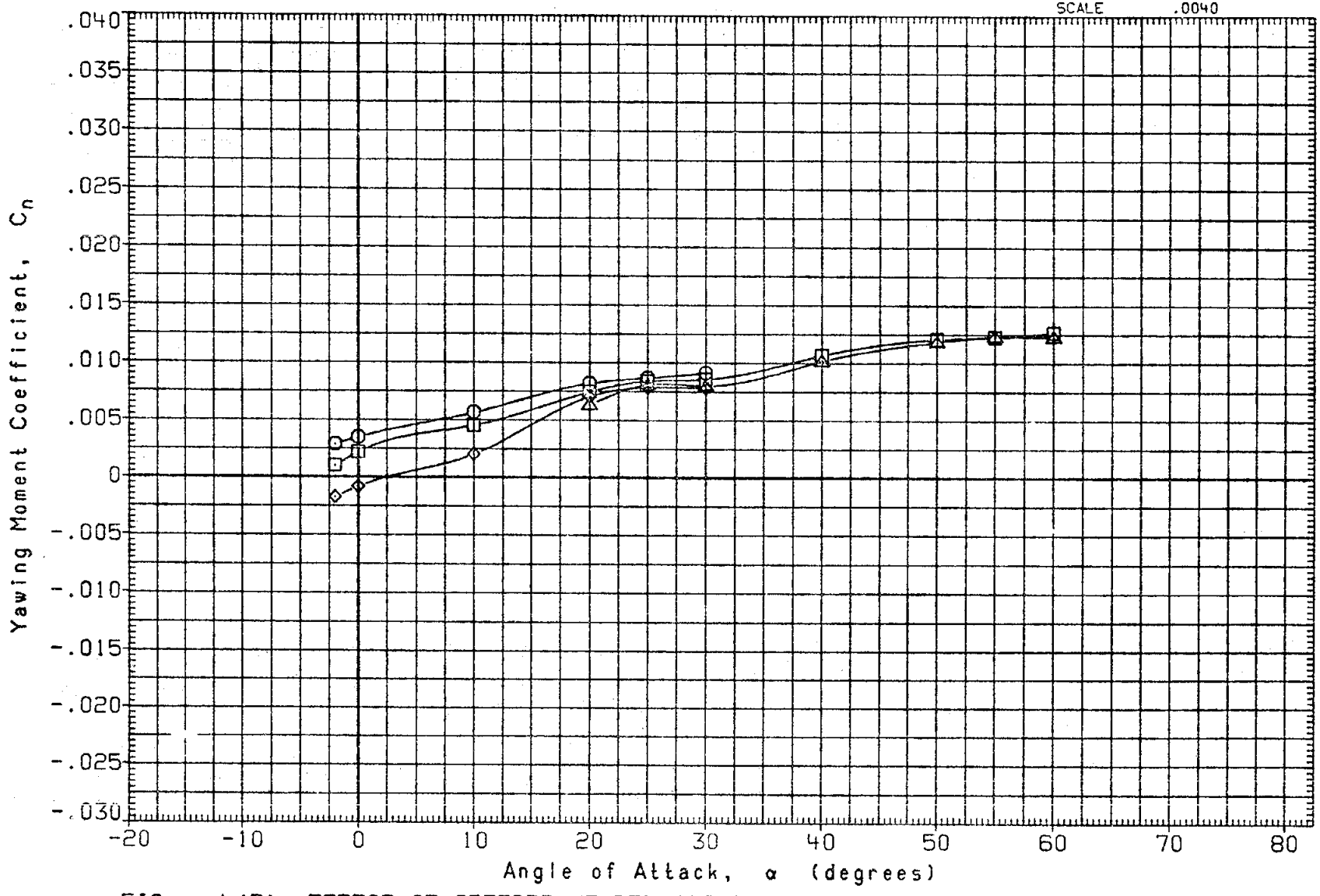

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M5-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

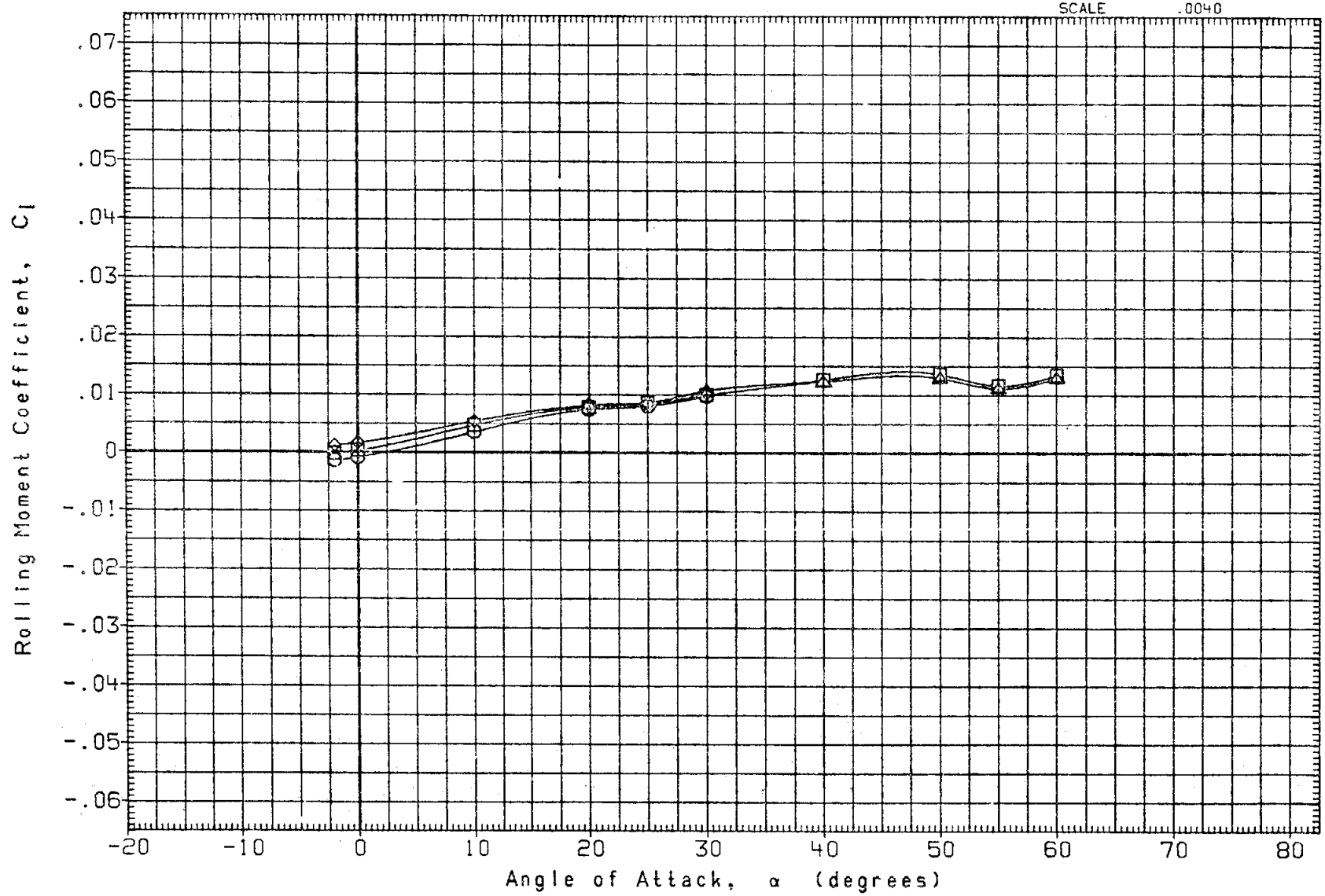

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(A)BETA = -5.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

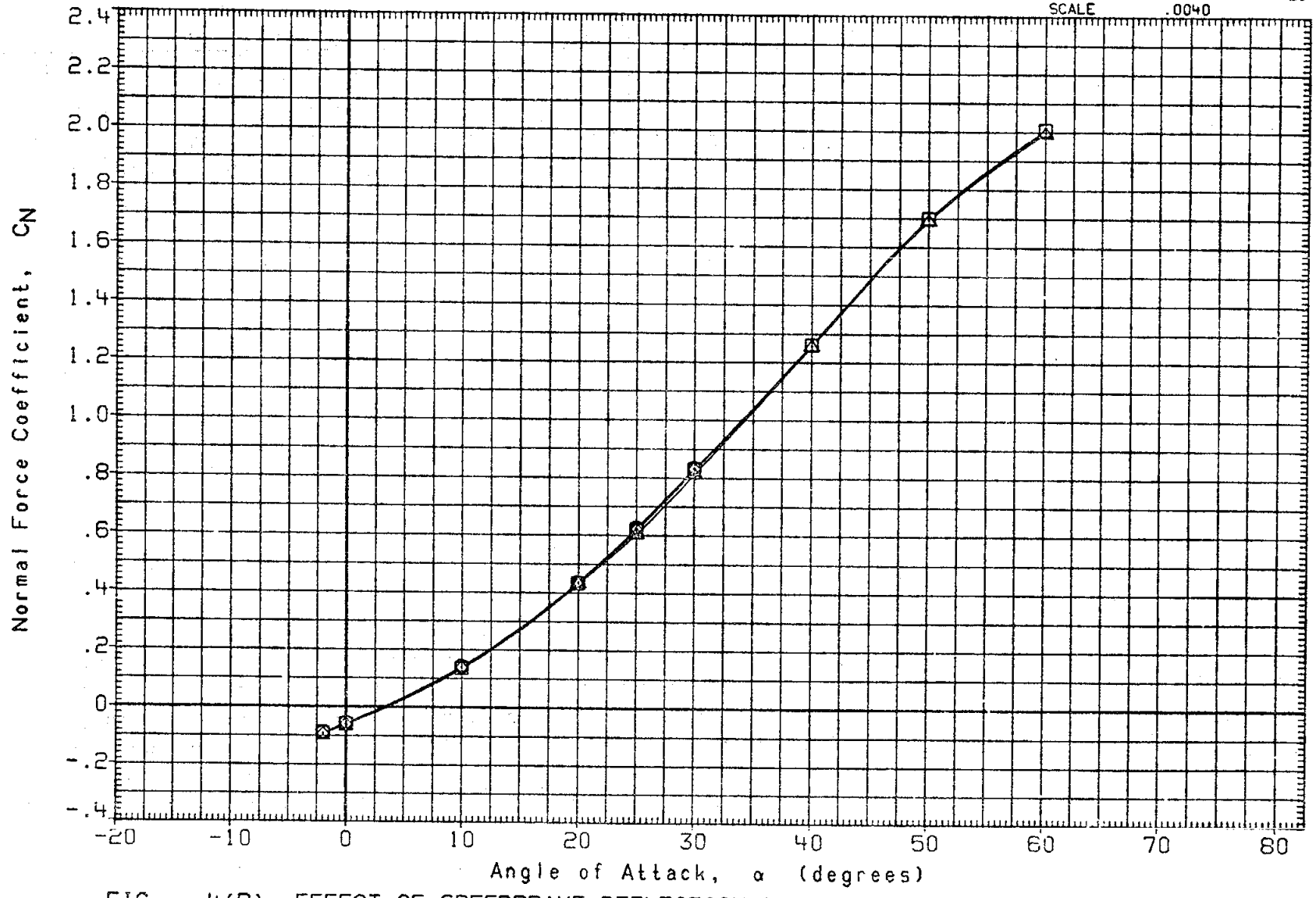

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6600	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

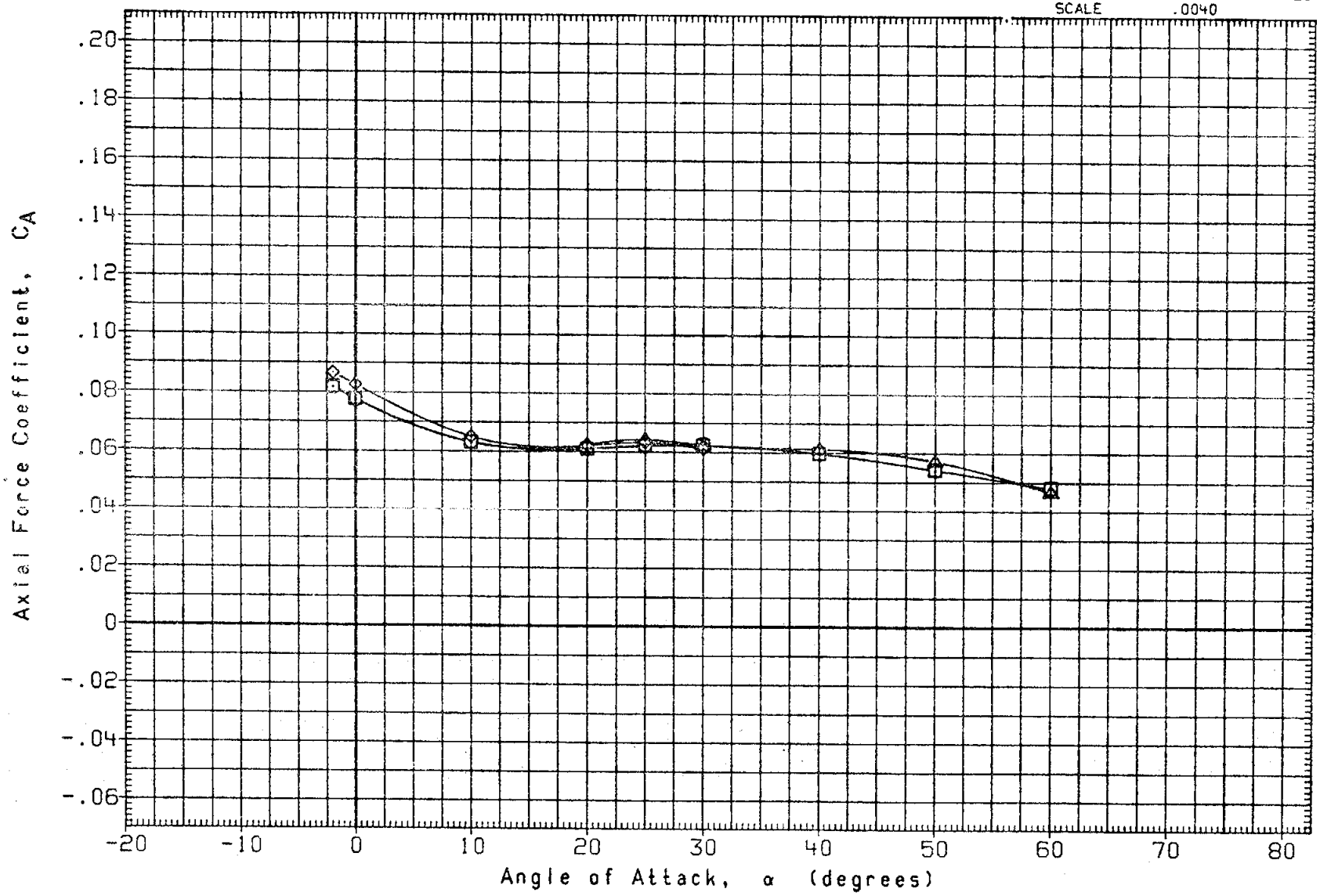

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

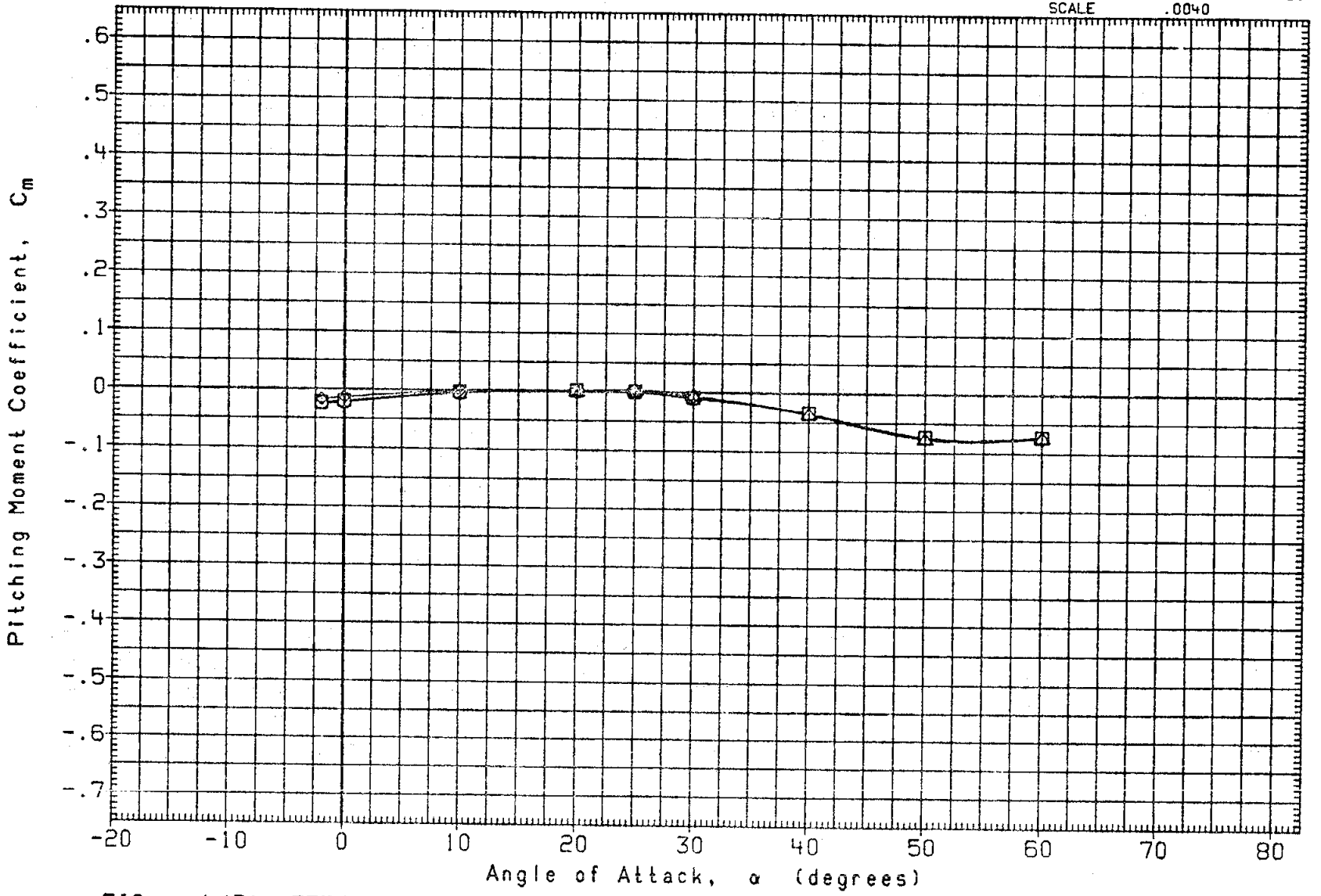

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

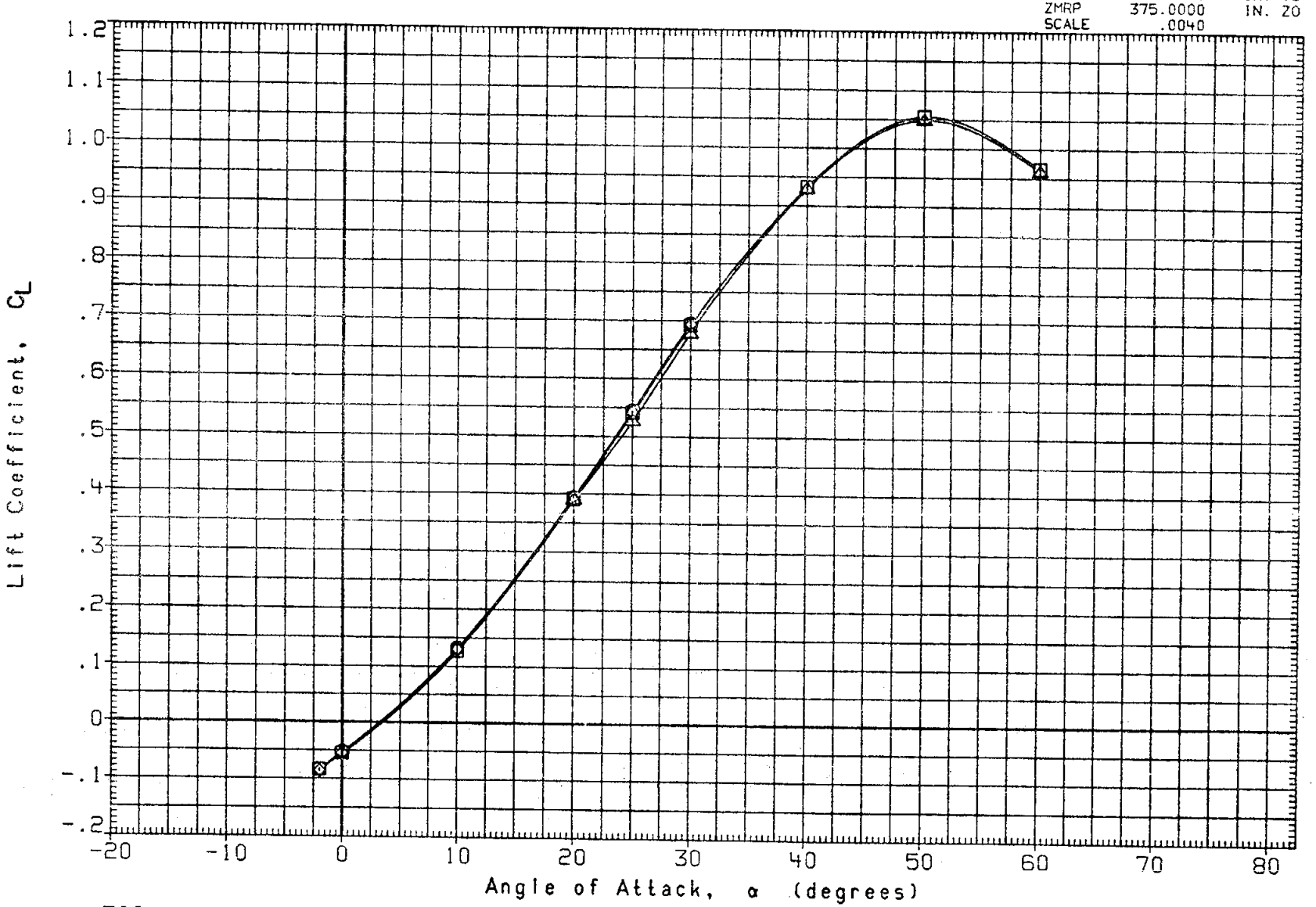

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

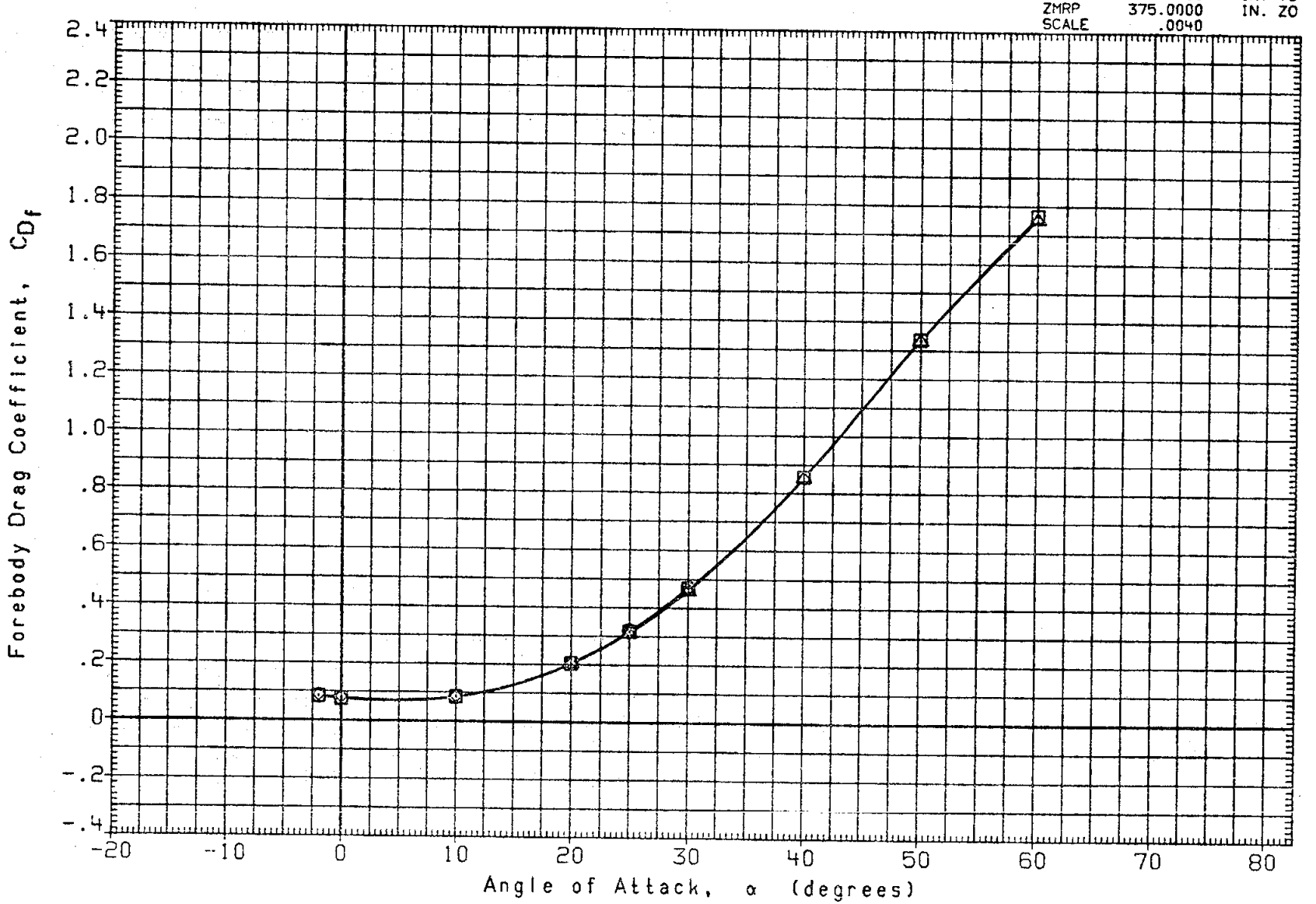

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

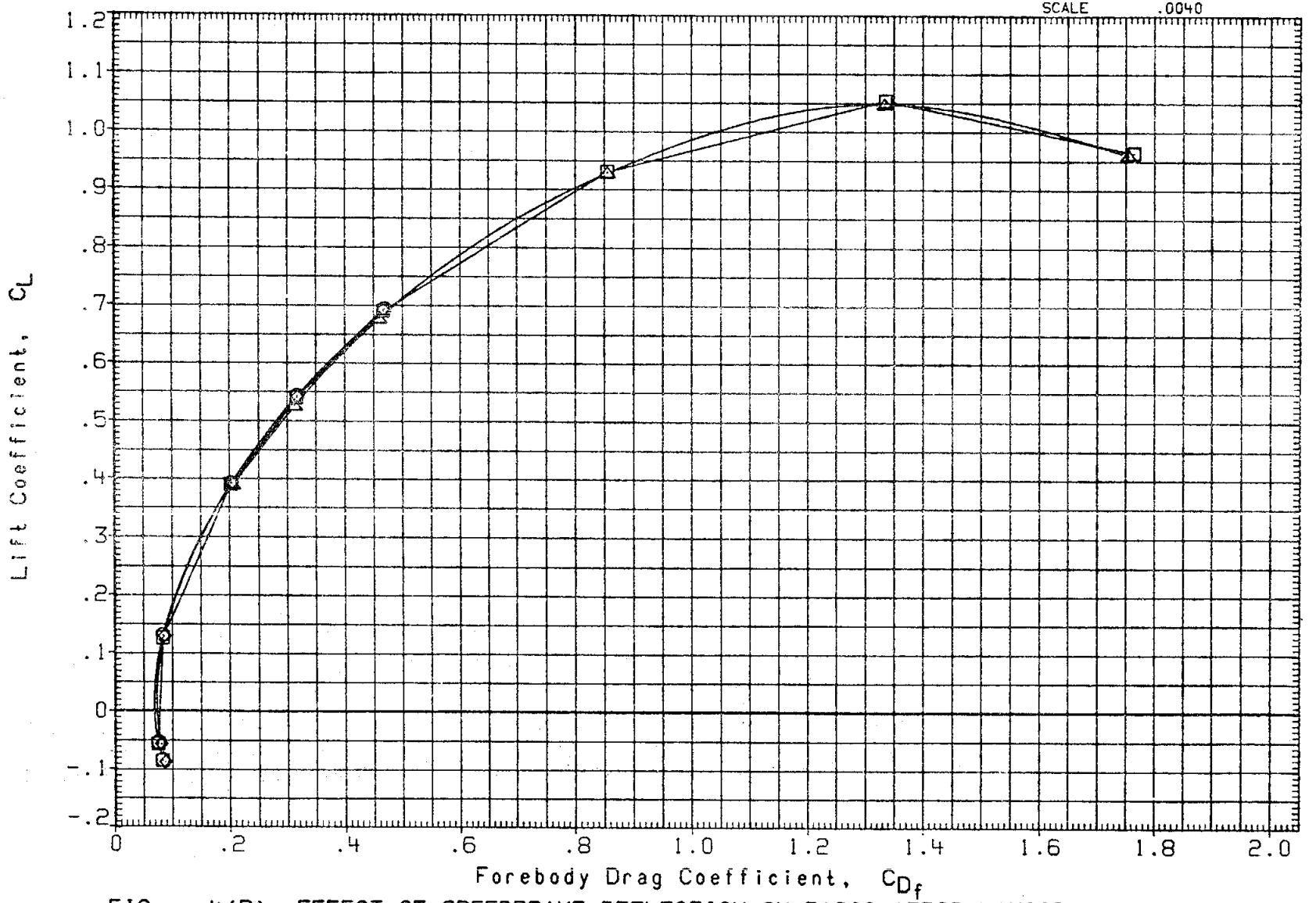

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

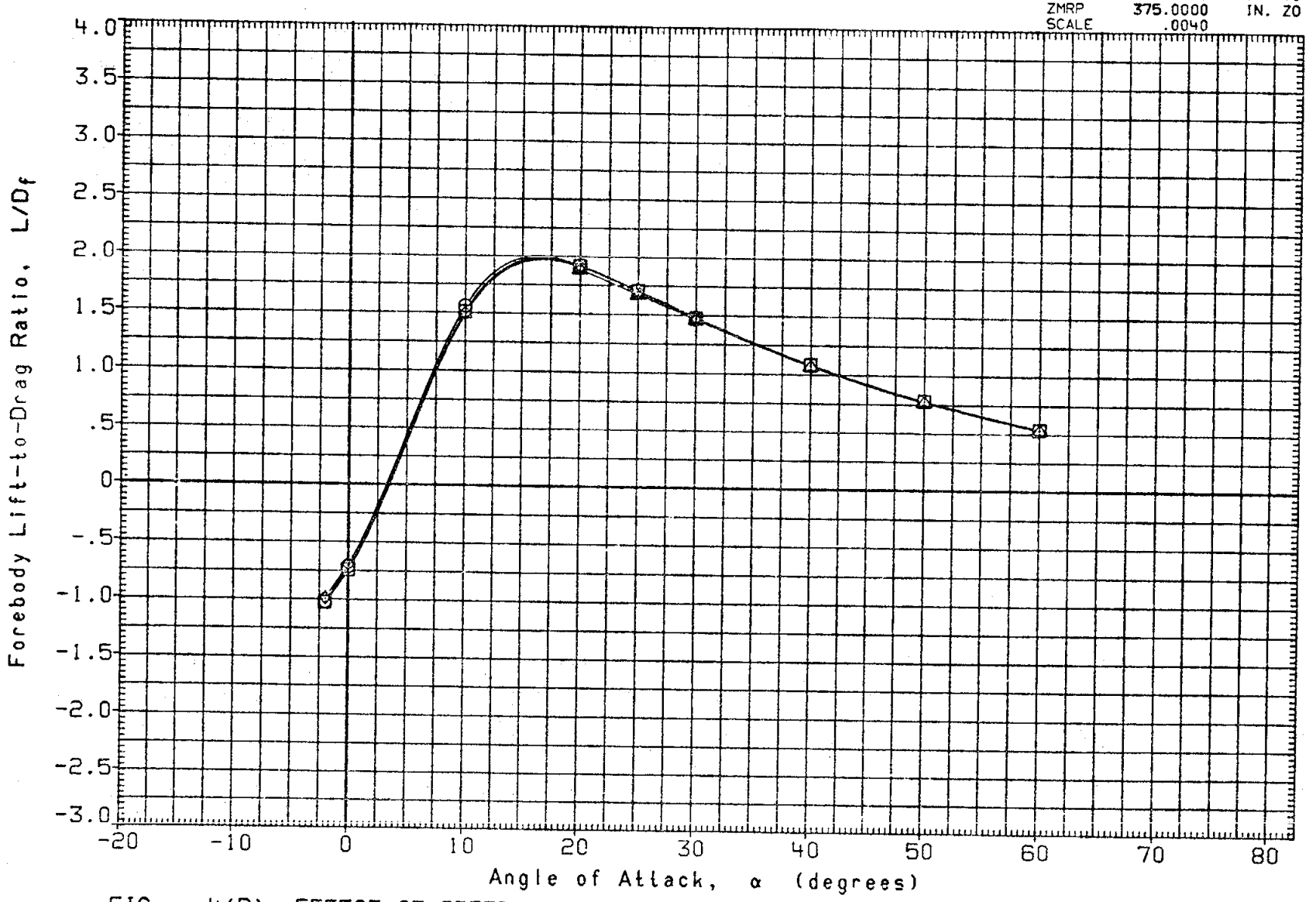

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

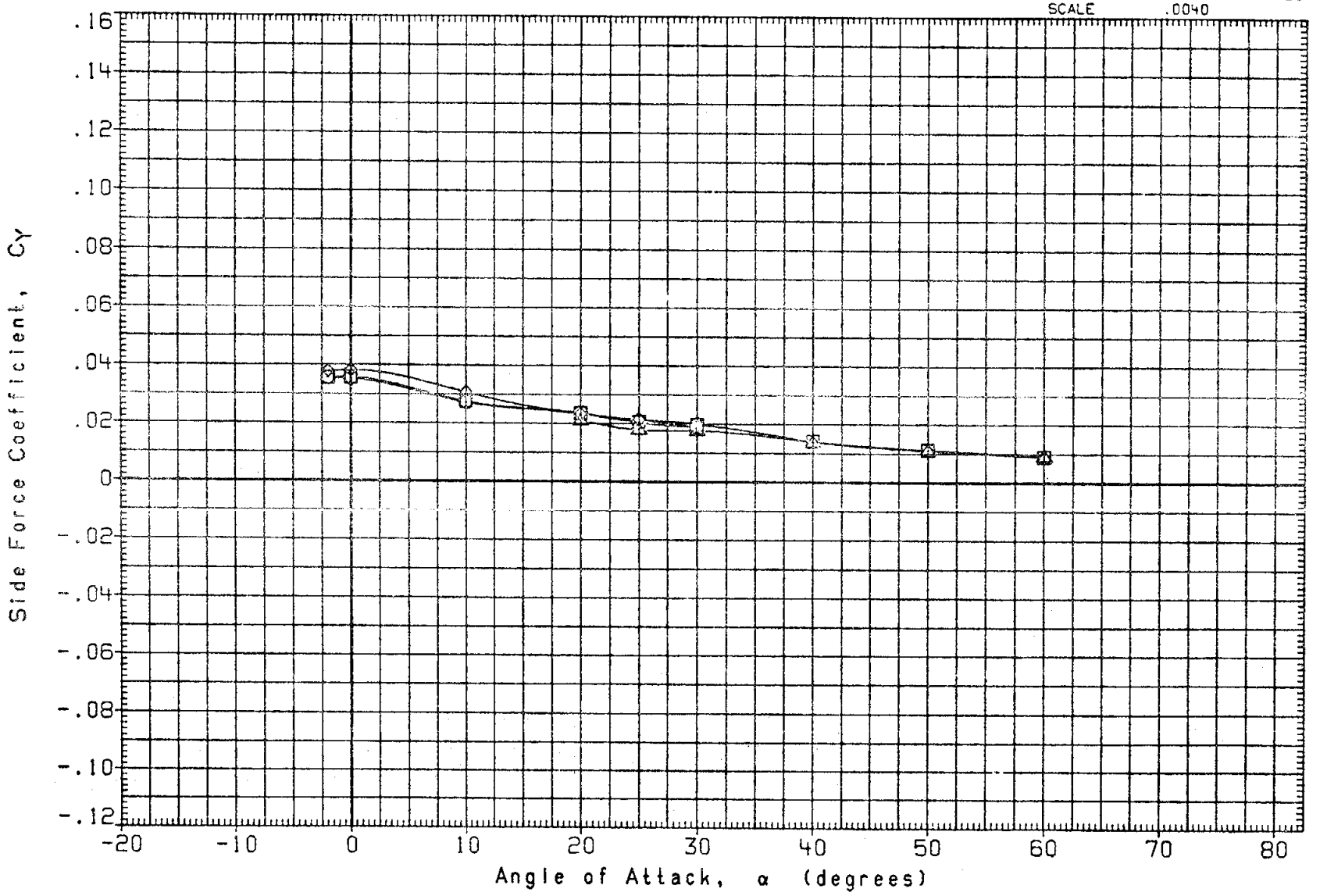

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

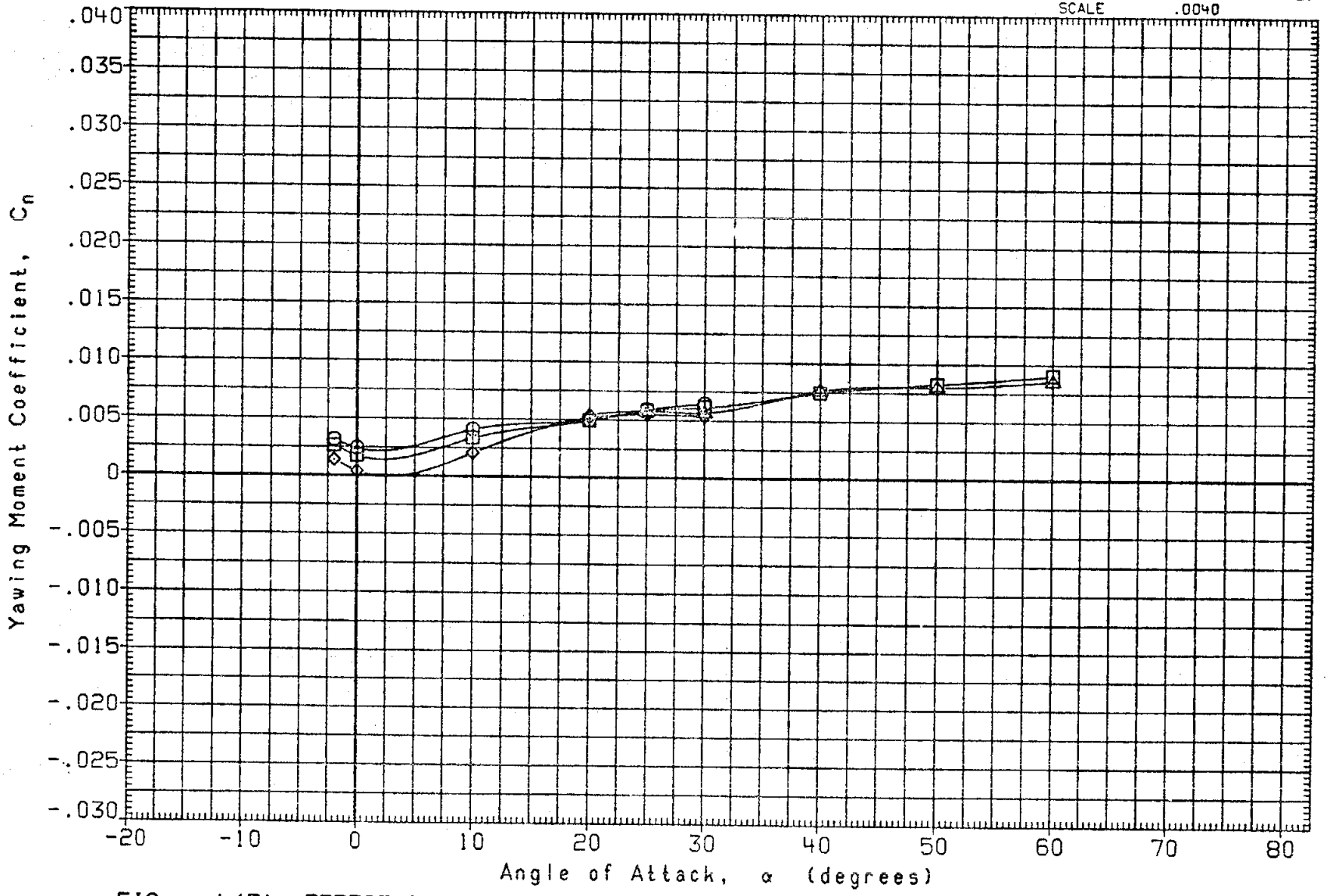

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

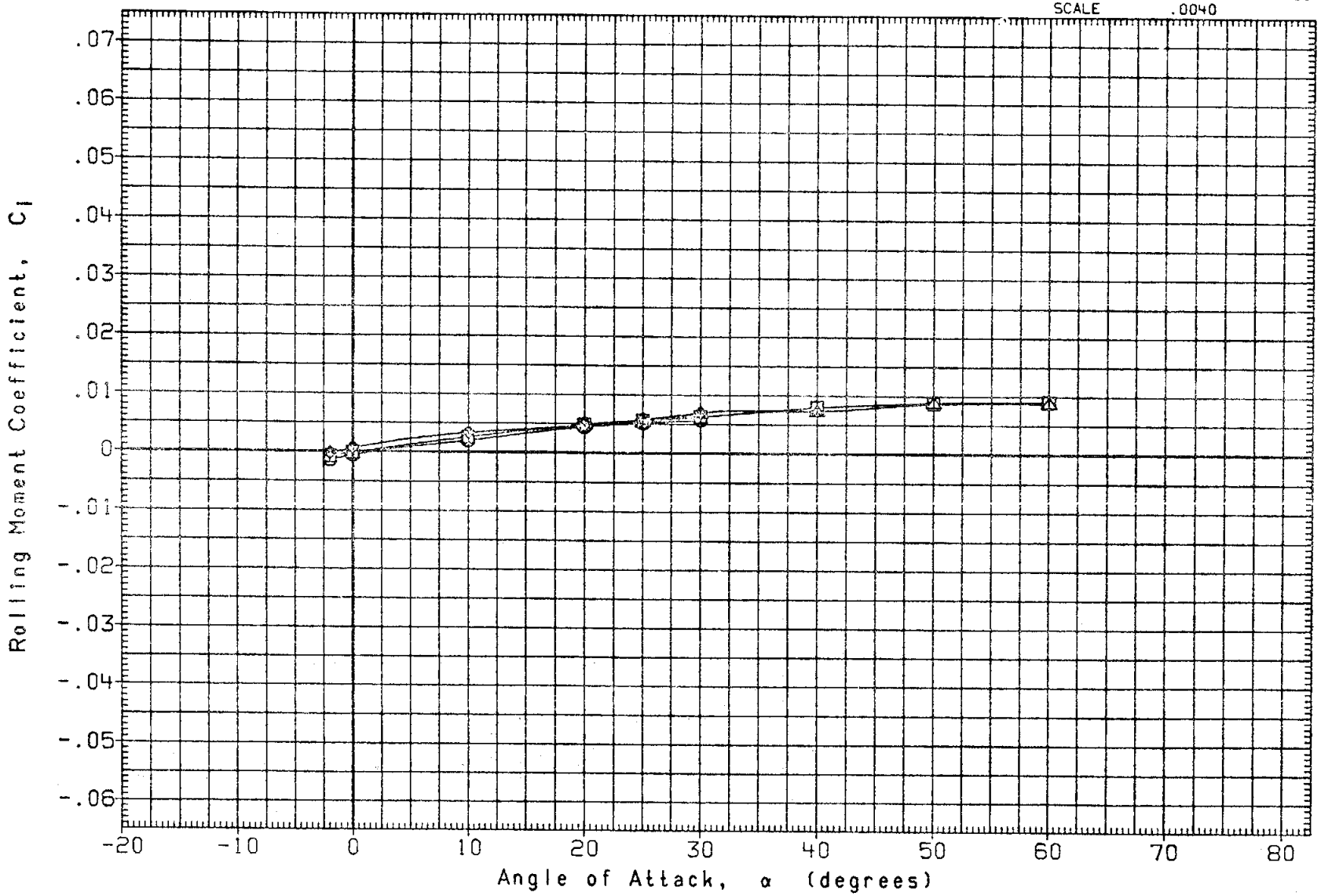

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(B)BETA = -3.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

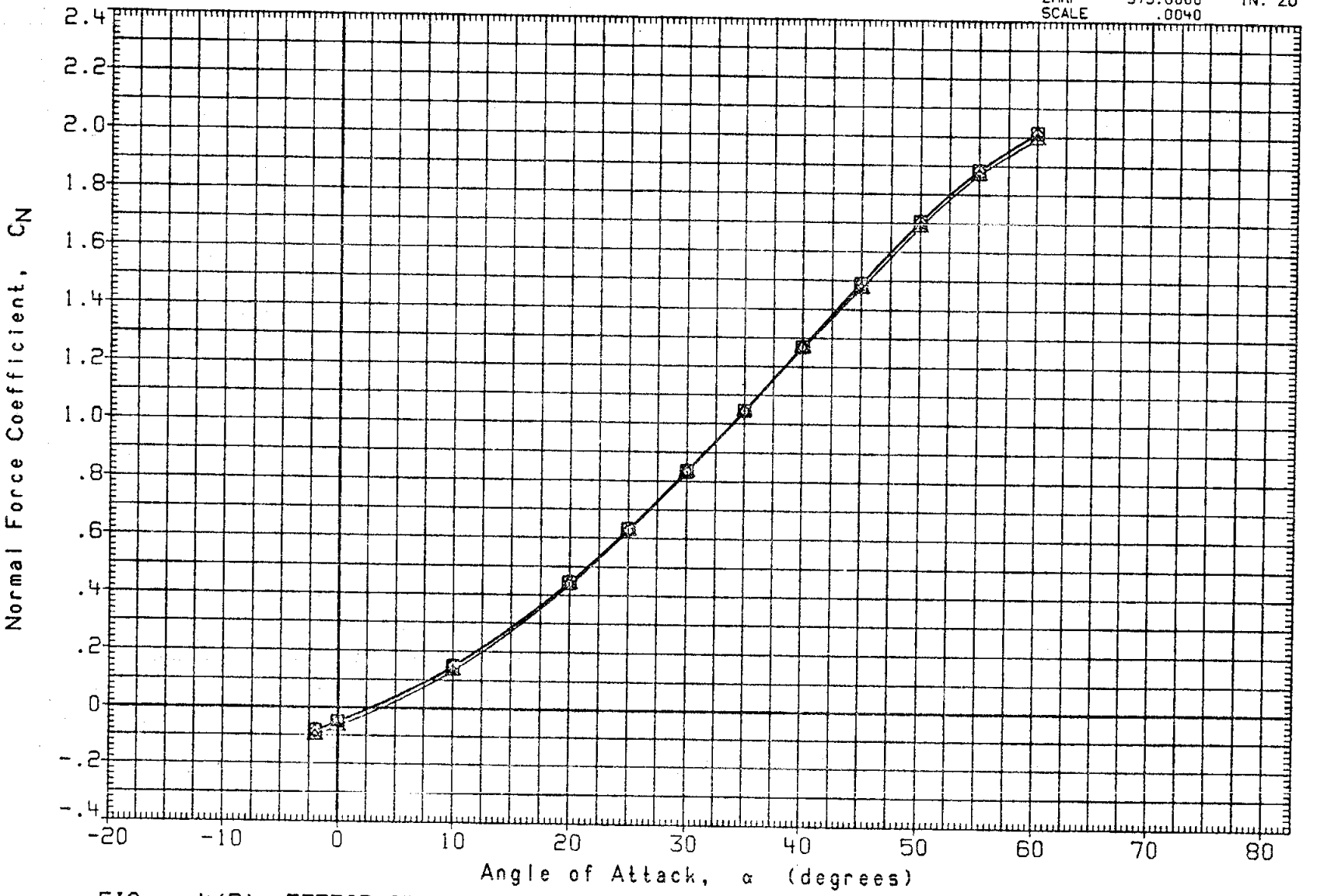

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

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LREF	474.8100	INCHES
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ZMRP	375.0000	IN. ZO
SCALE	.0040	

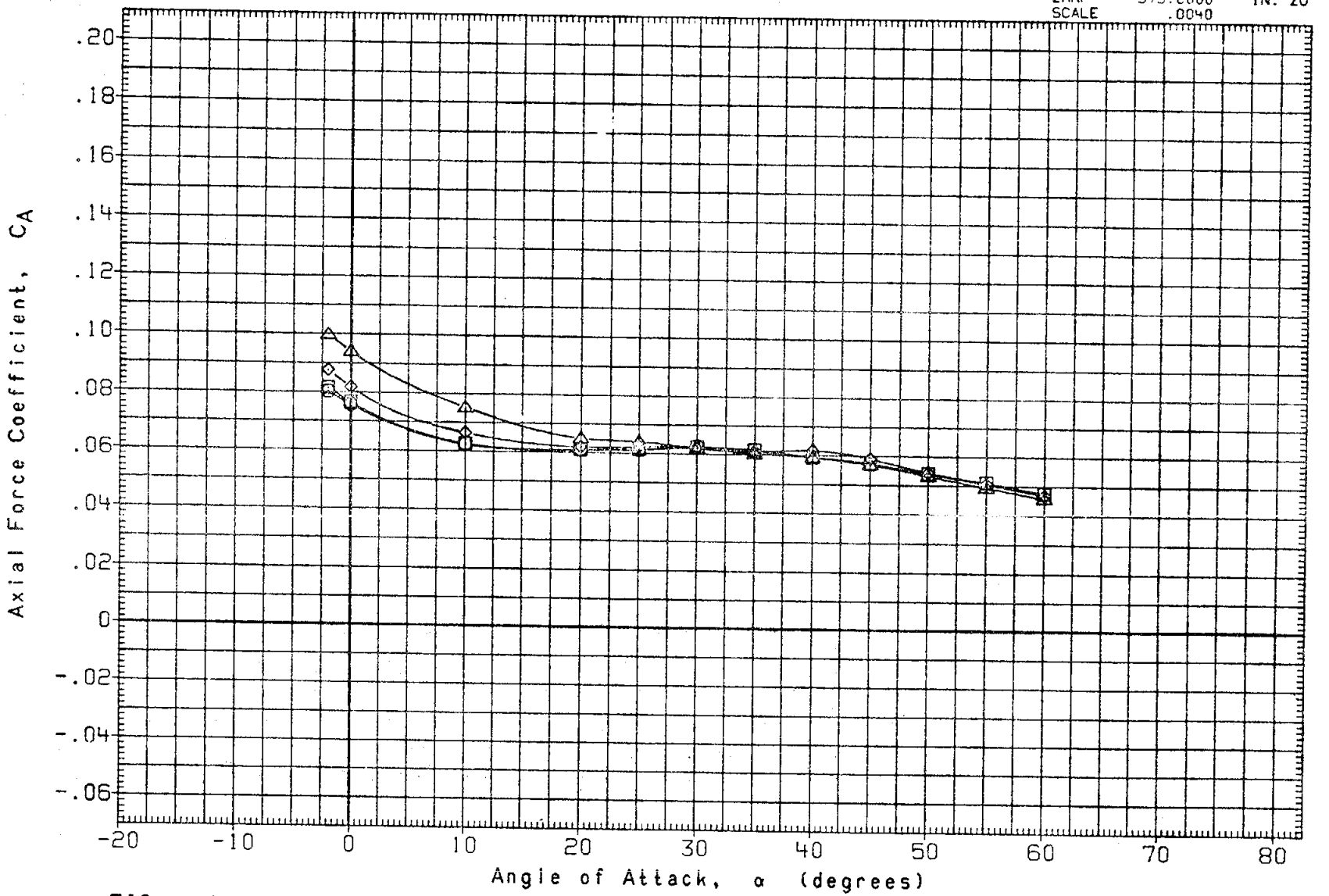

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

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SCALE	.0040	

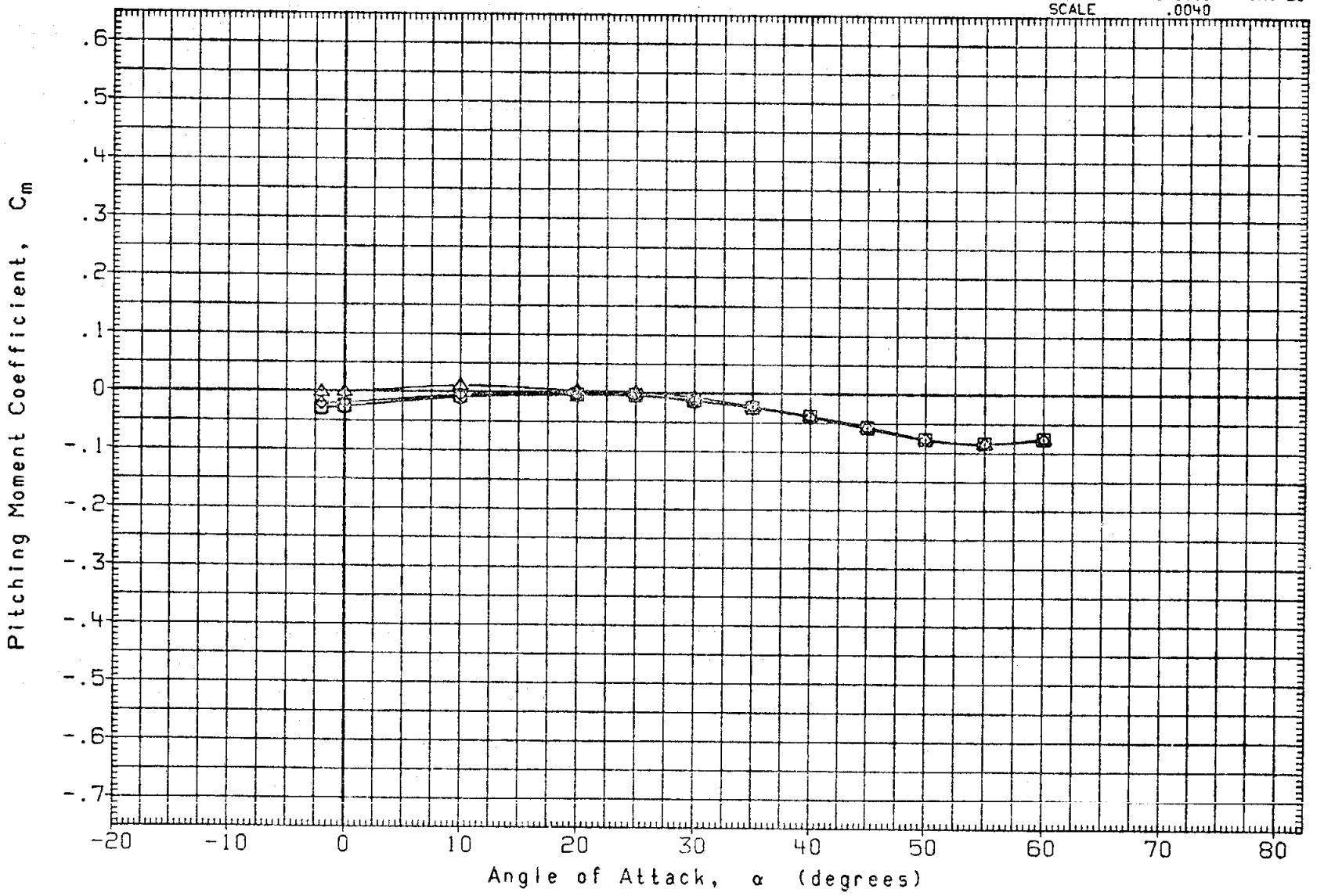

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
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XMRP	1076.7000	IN. XO
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ZMRP	375.0000	IN. ZO
SCALE	.0040	

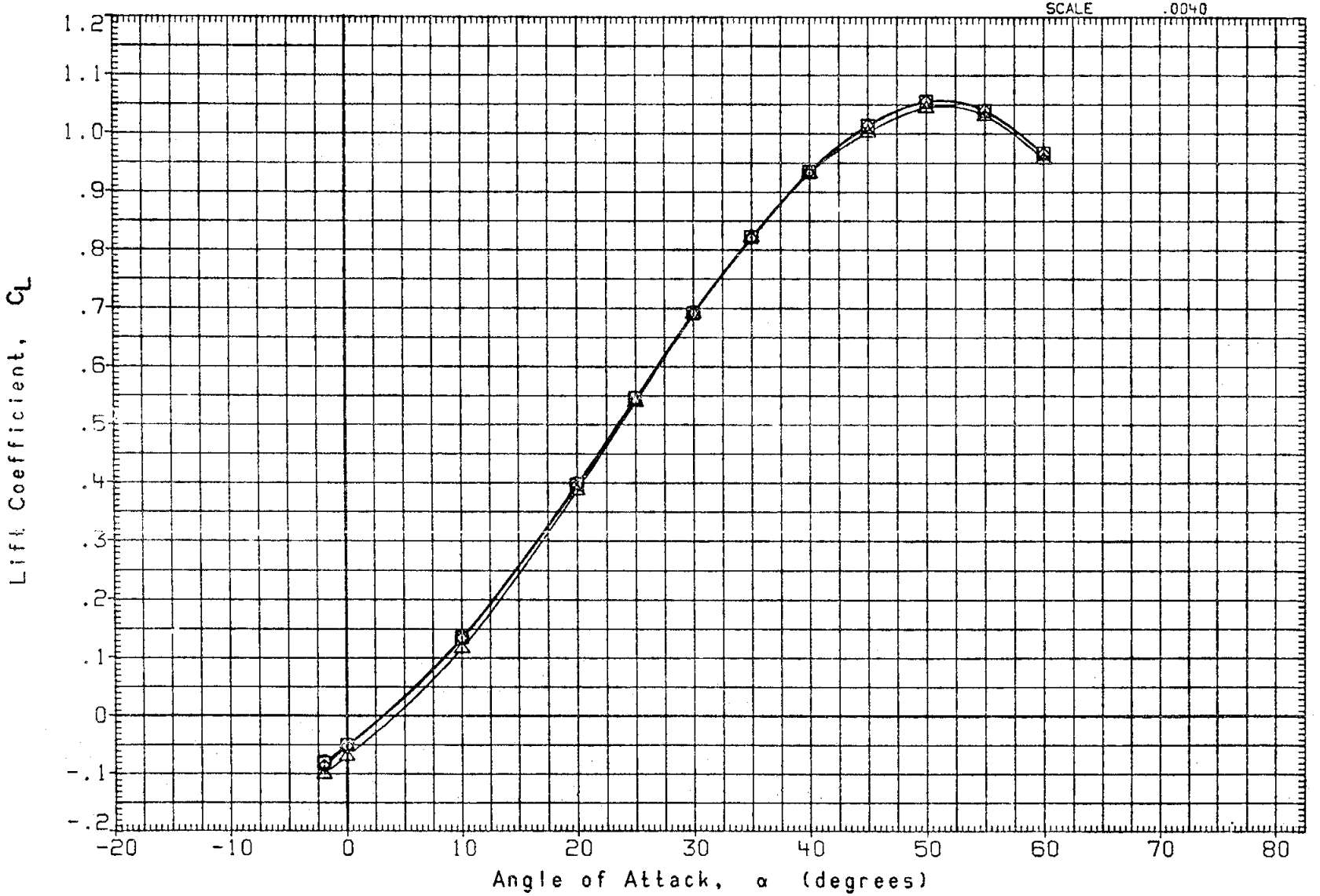

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
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REFERENCE INFORMATION

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XMRP	1076.7000	IN. XO
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ZMRP	375.0000	IN. ZO
SCALE	.0040	

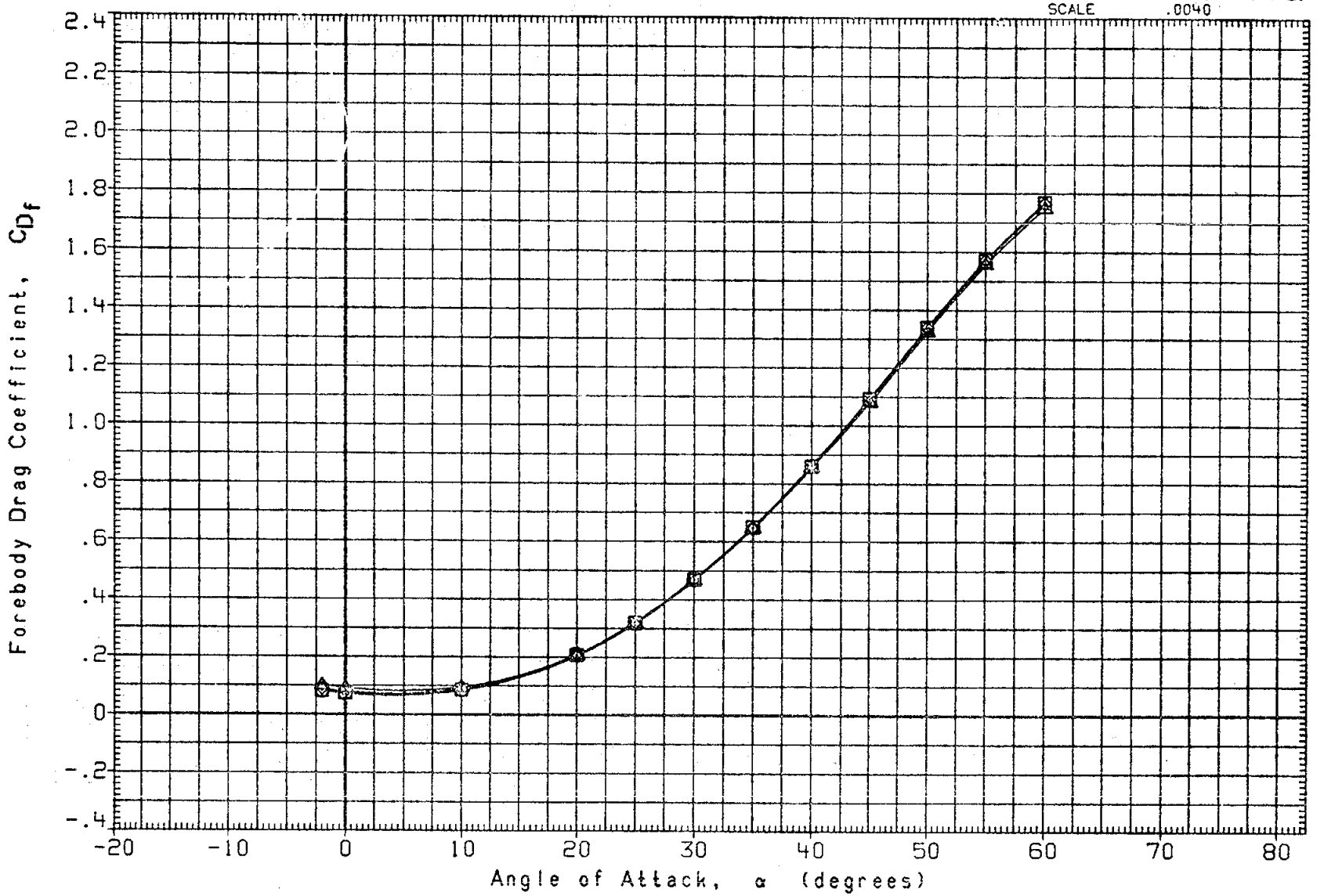

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

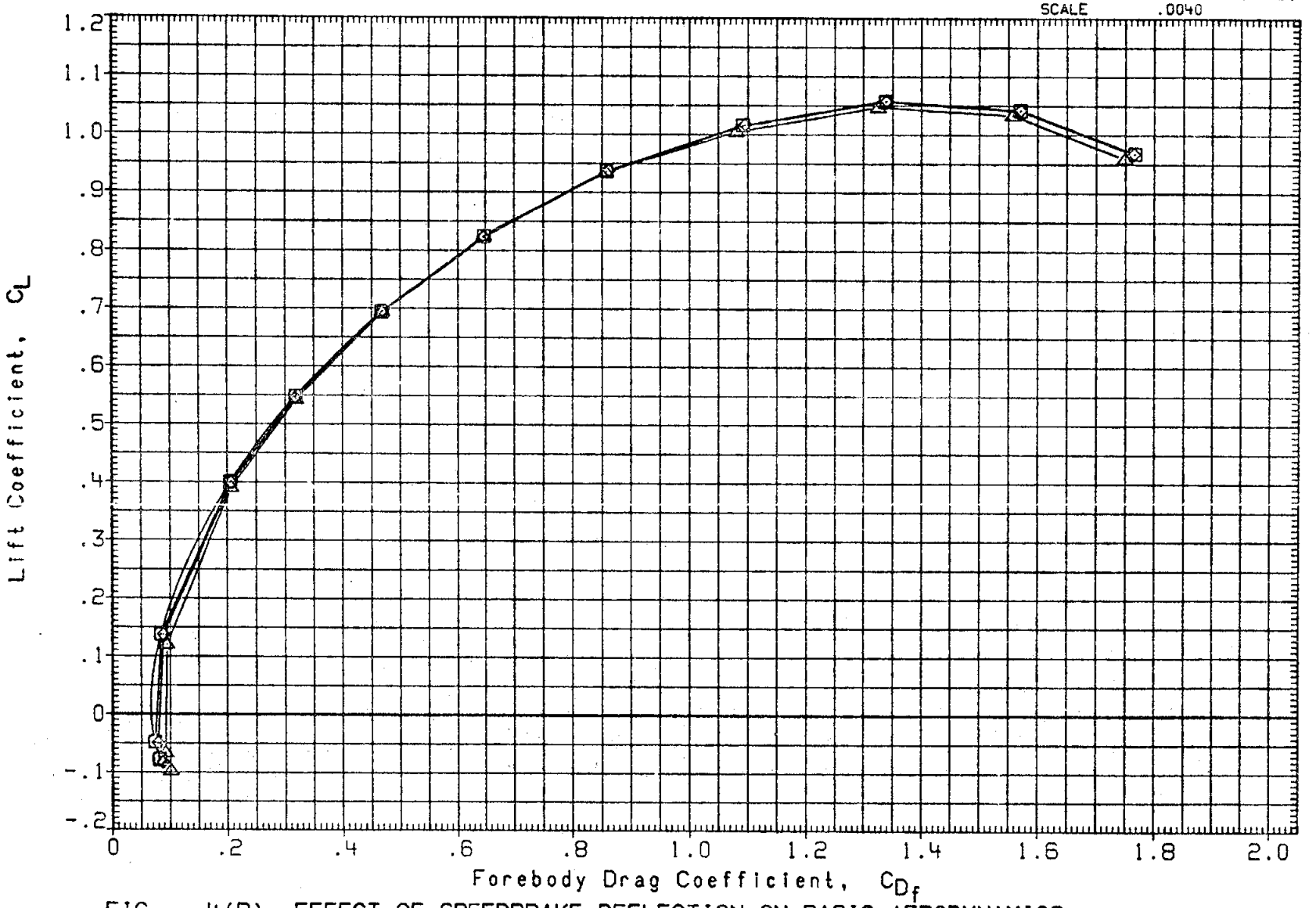

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

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LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

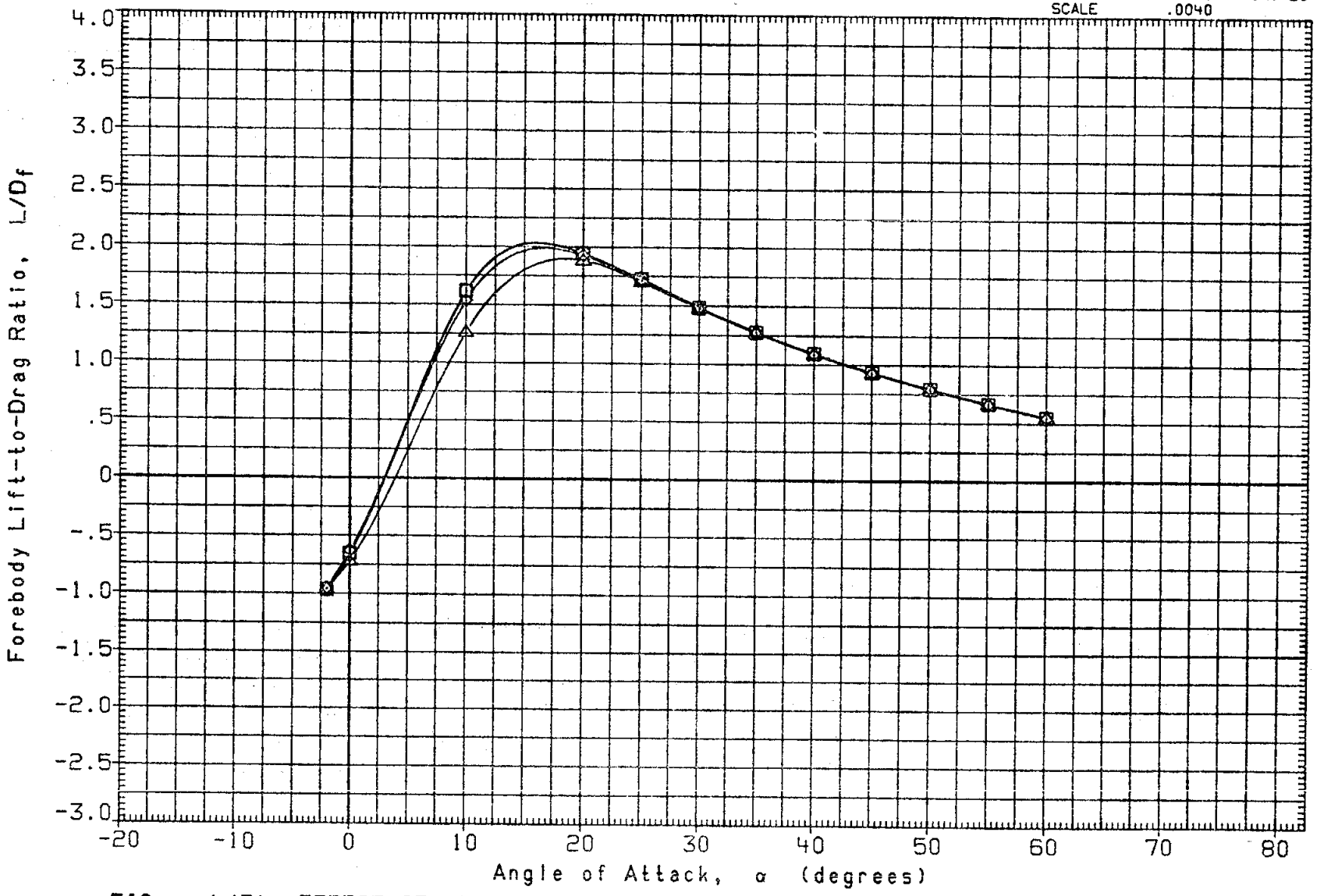

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

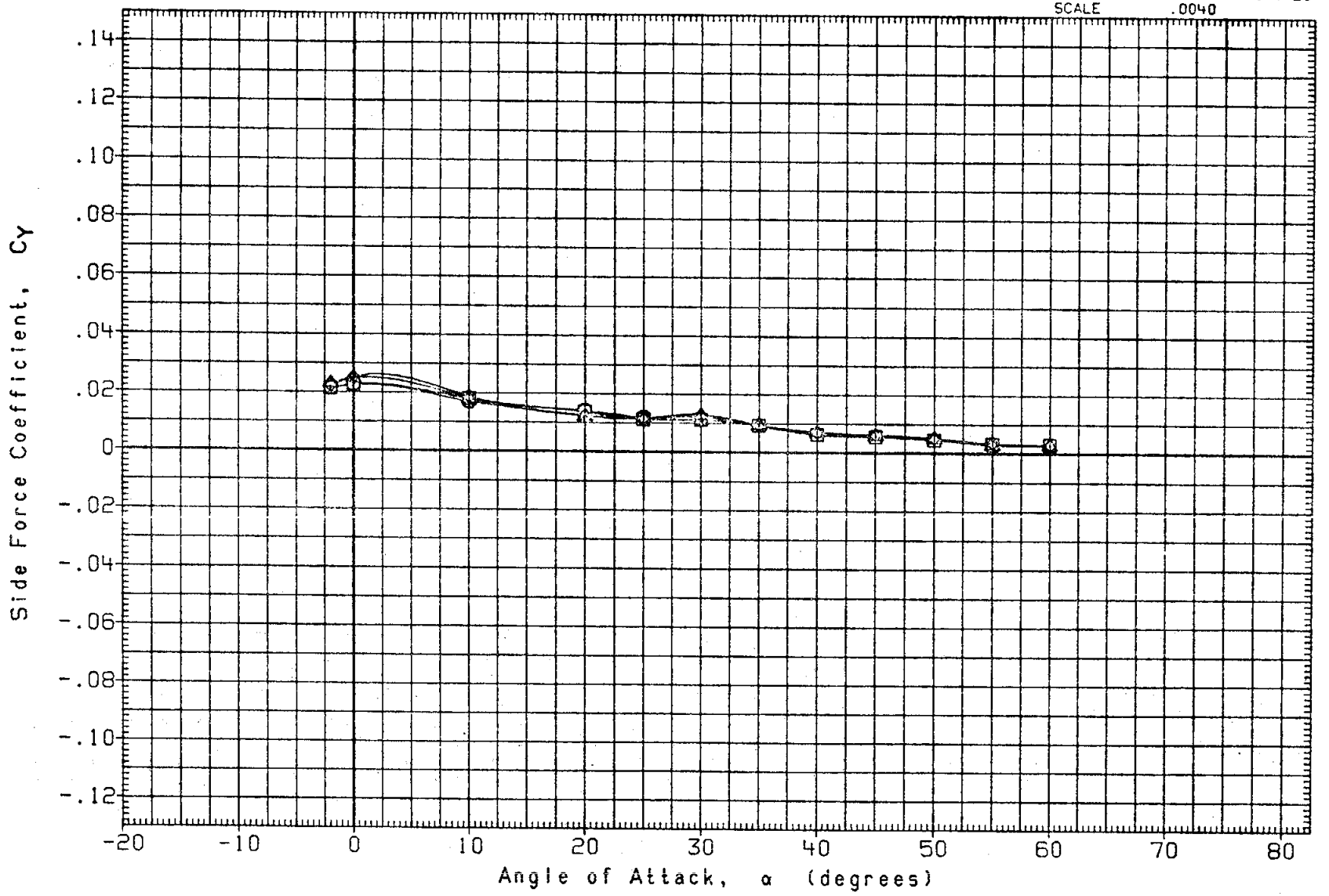

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

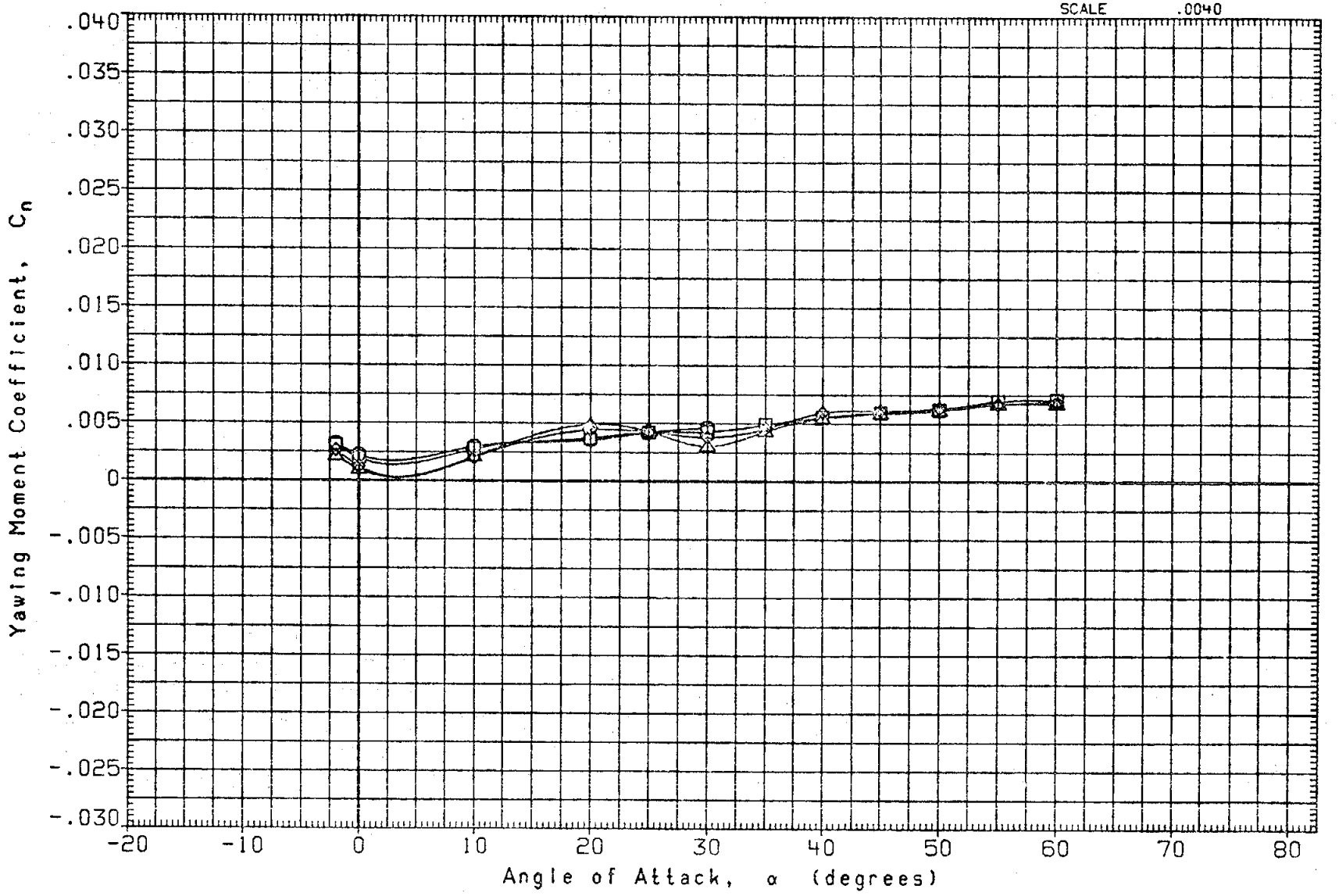

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

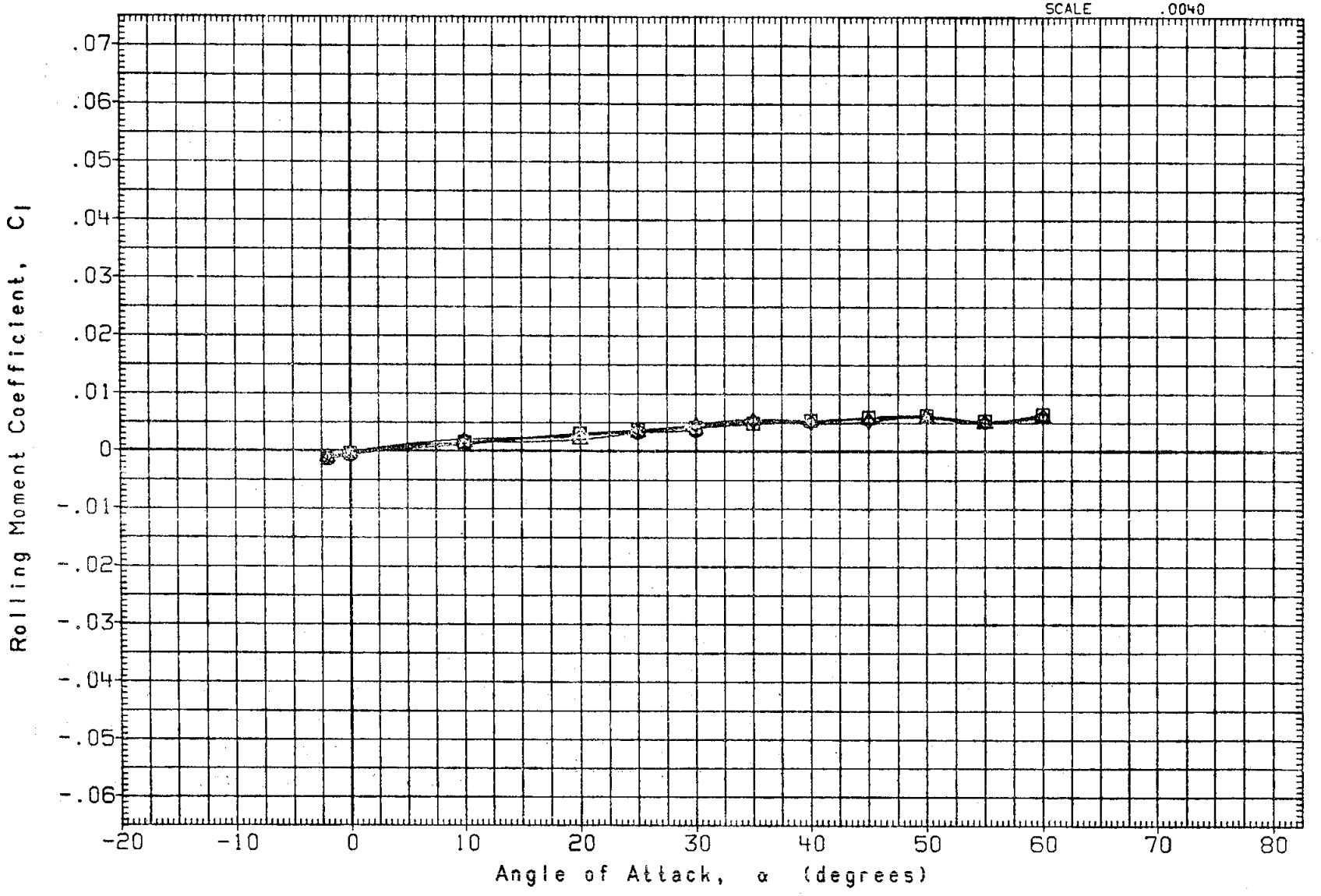

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(C)BETA = -2.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
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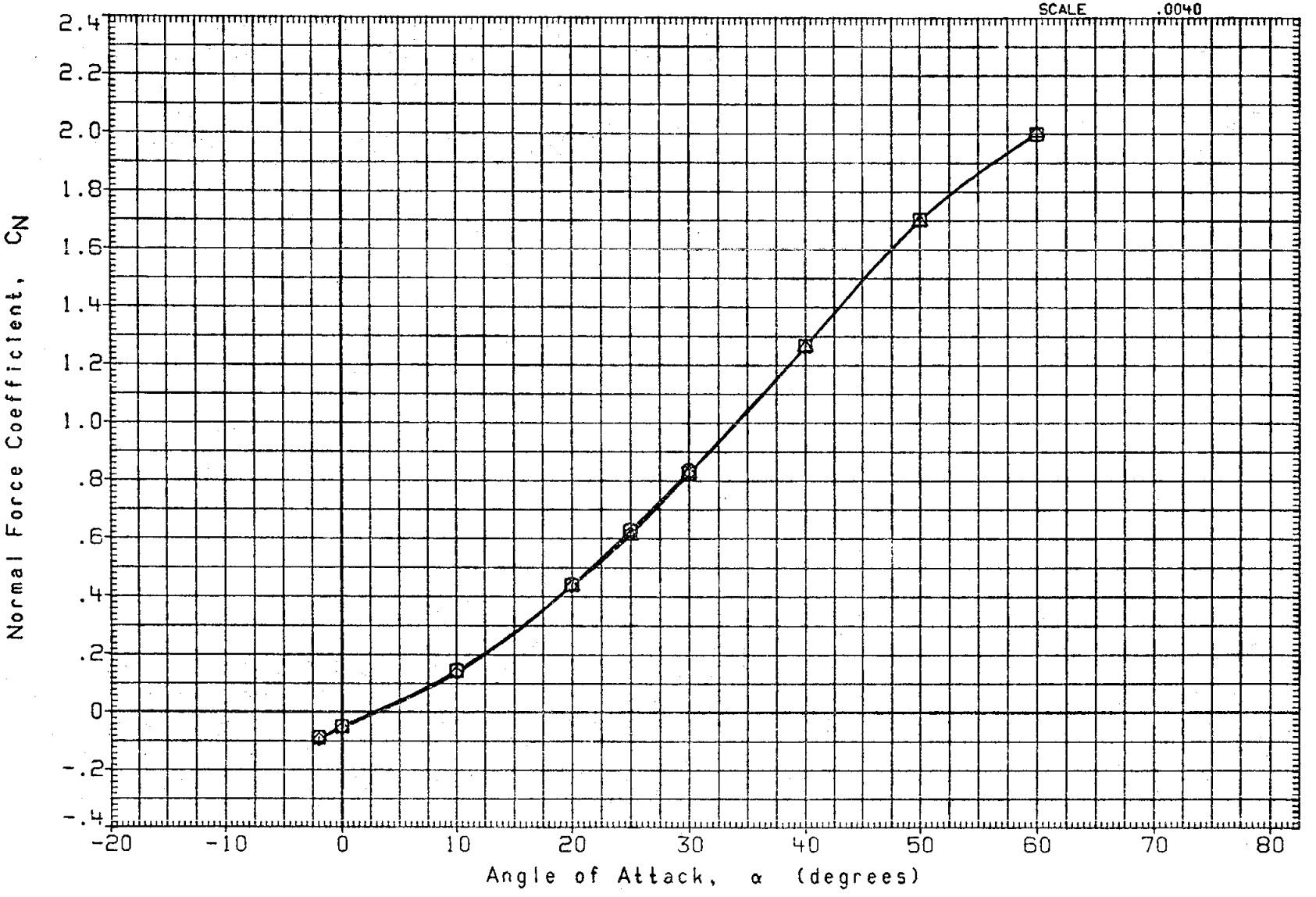

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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ZMRP	375.0000	IN. ZO
SCALE	.0040	

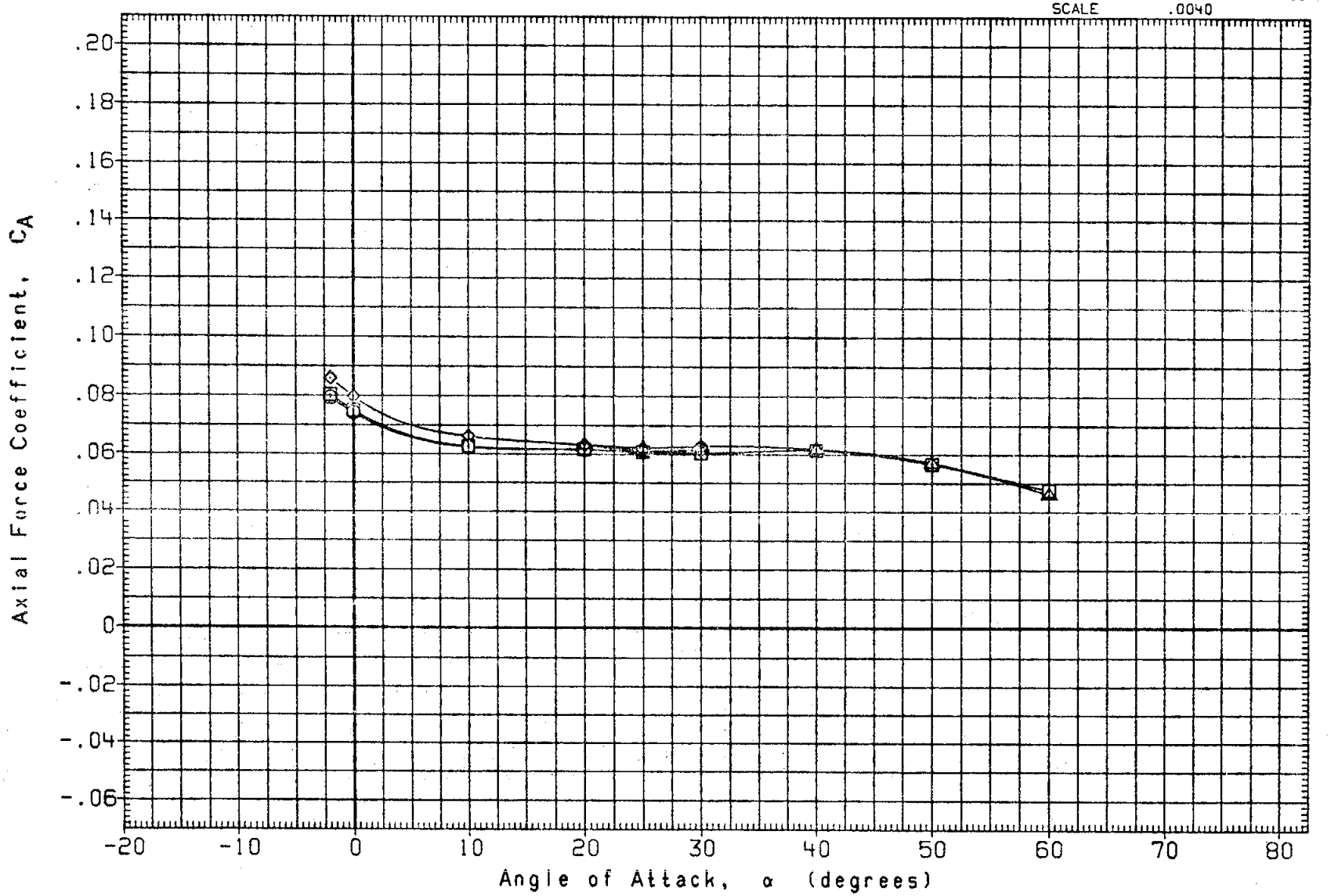

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

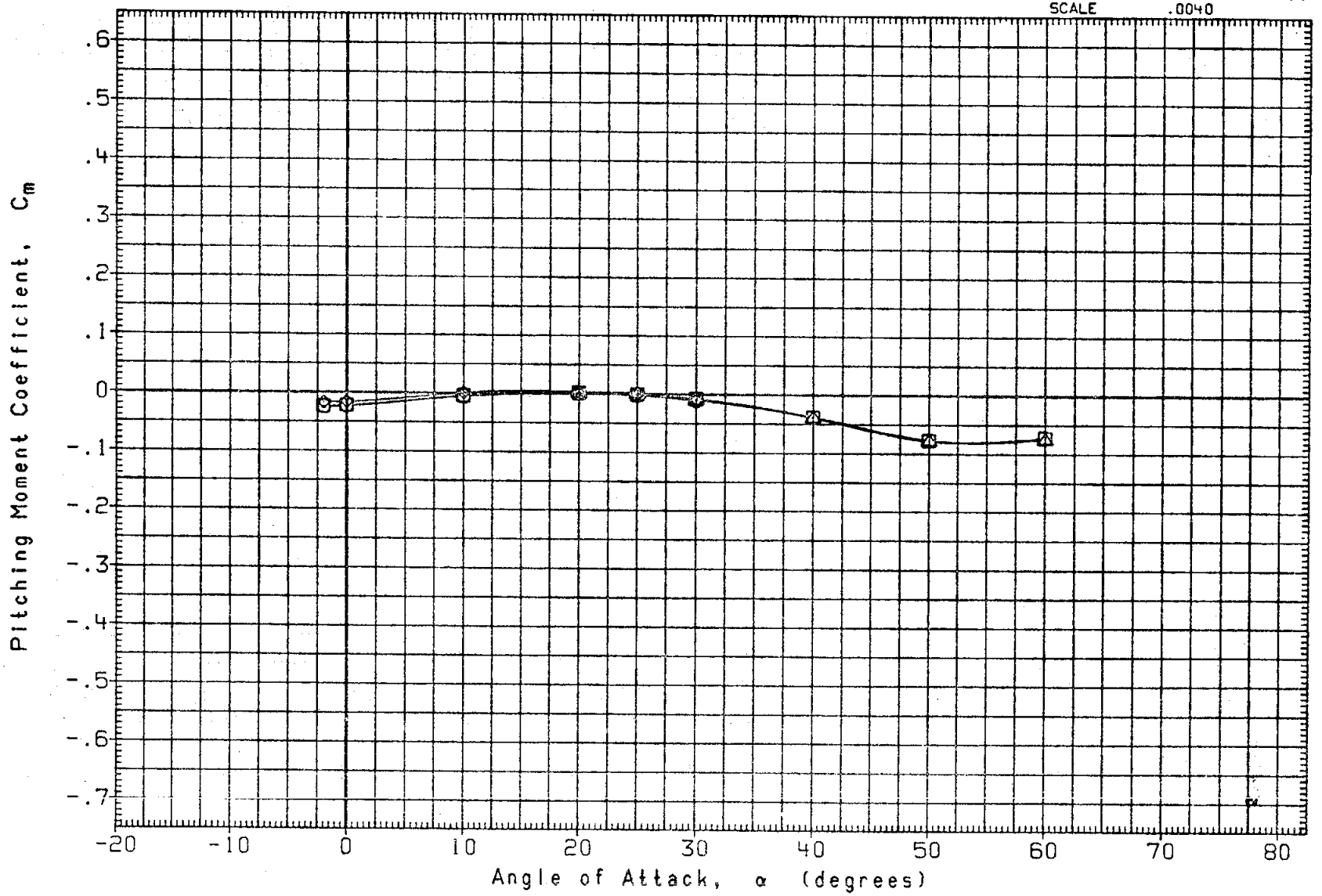

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

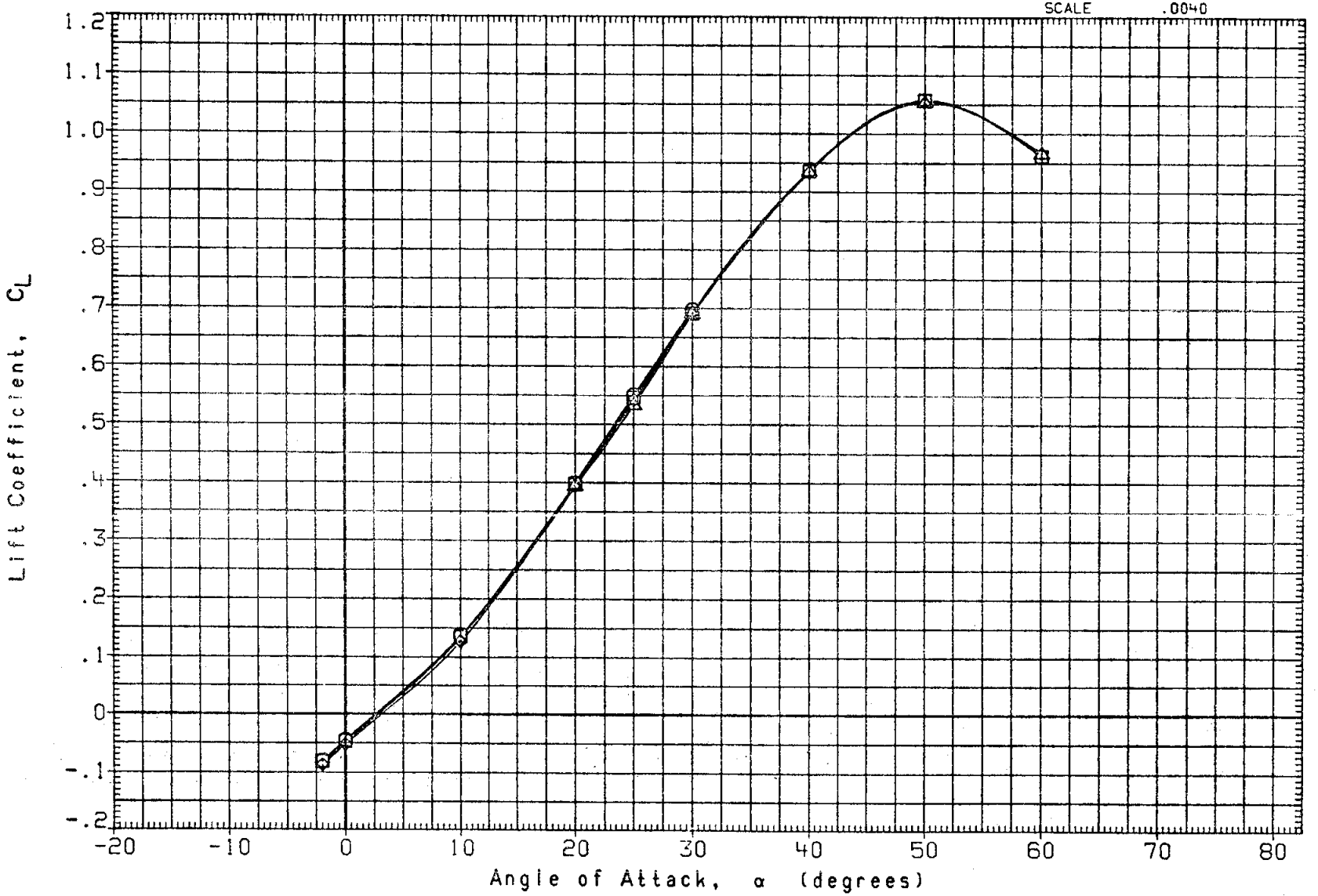

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
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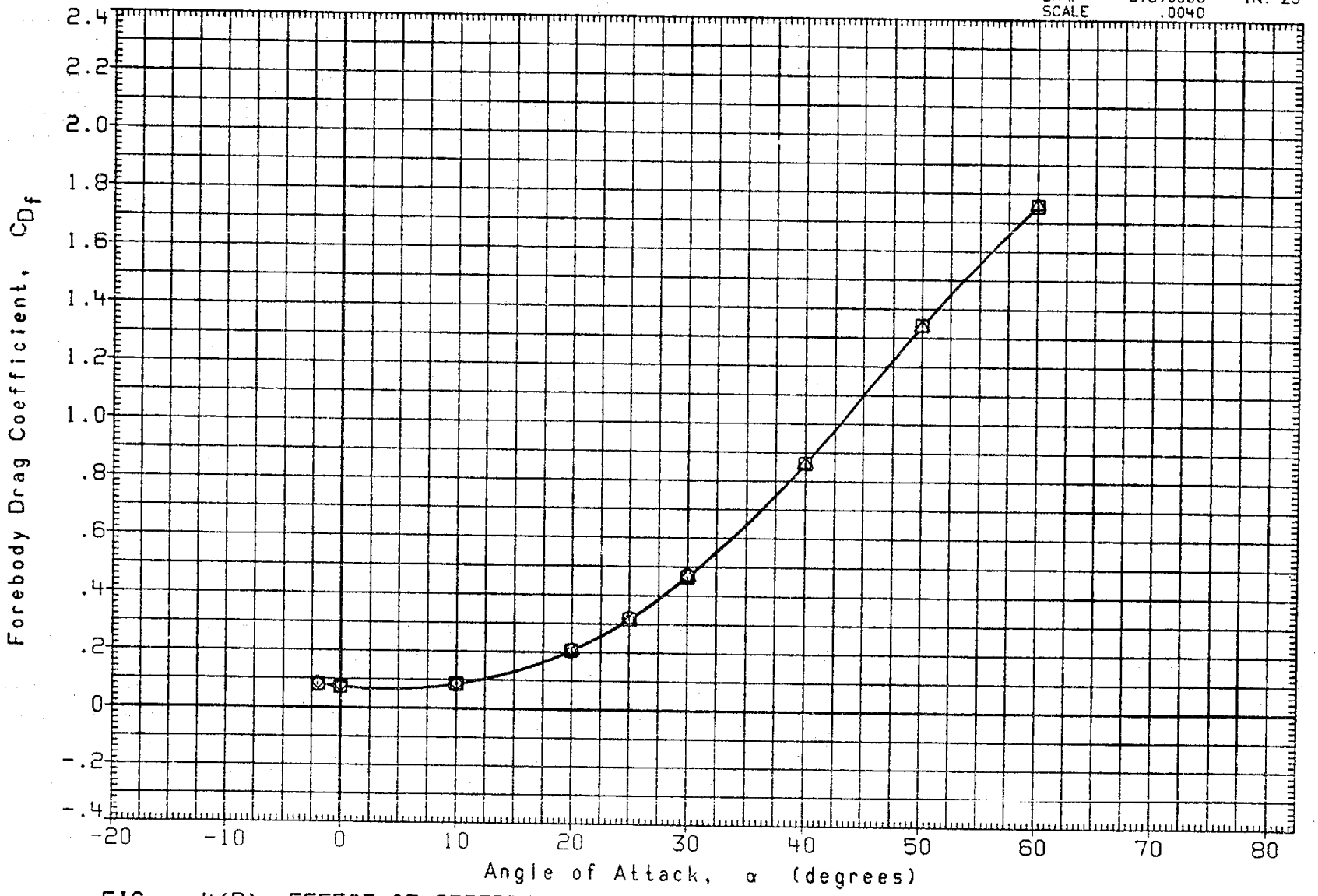

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

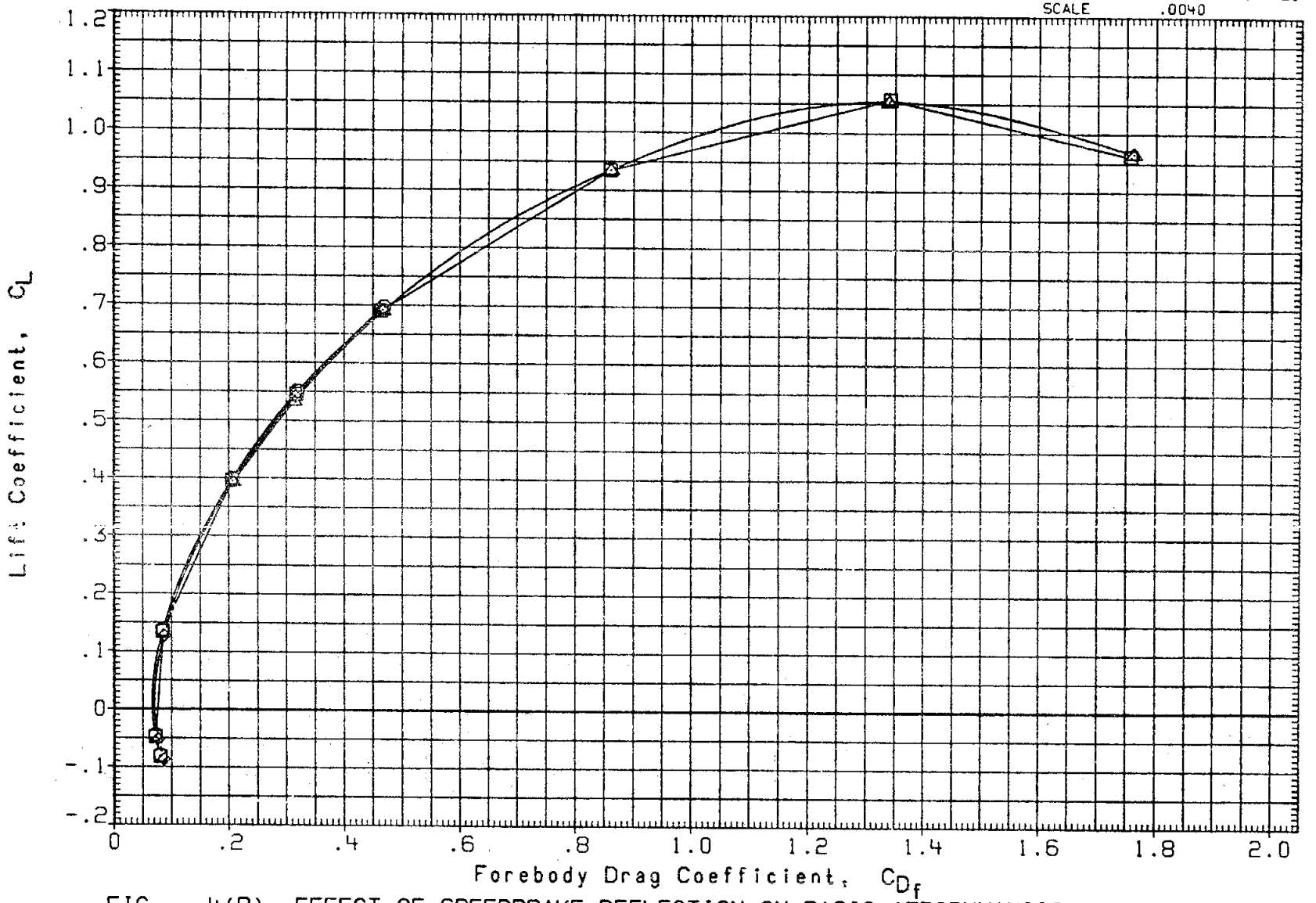

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

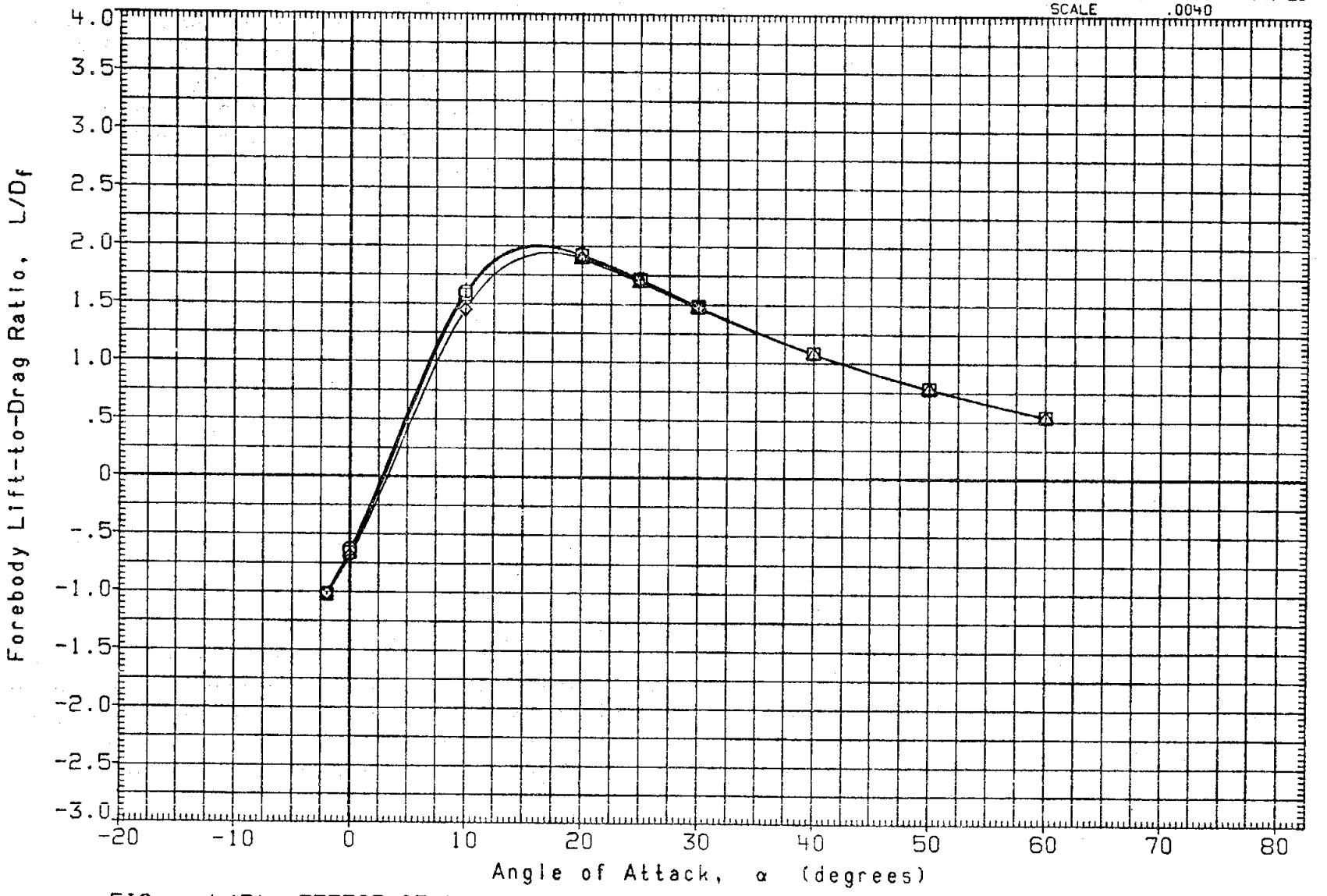

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

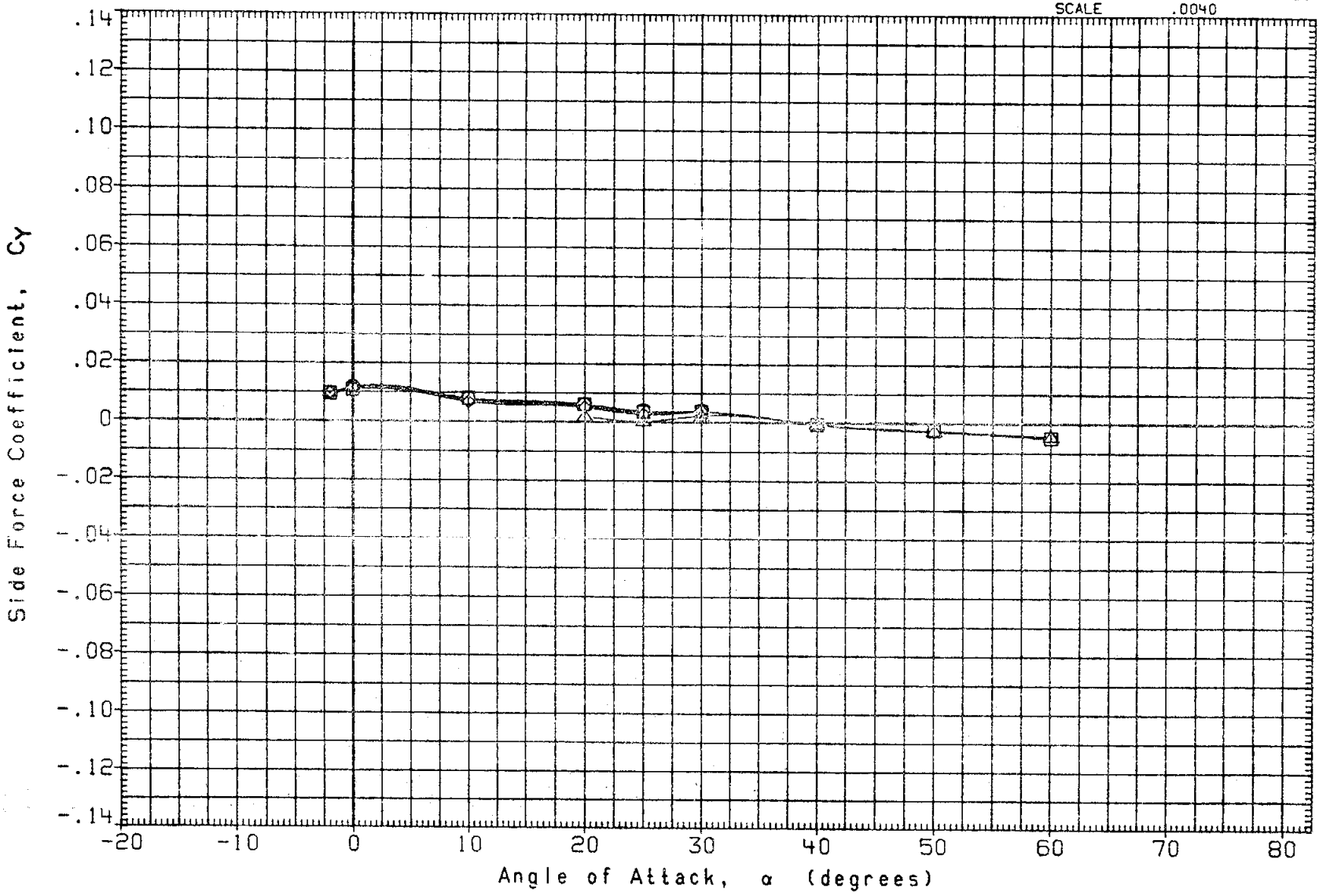

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

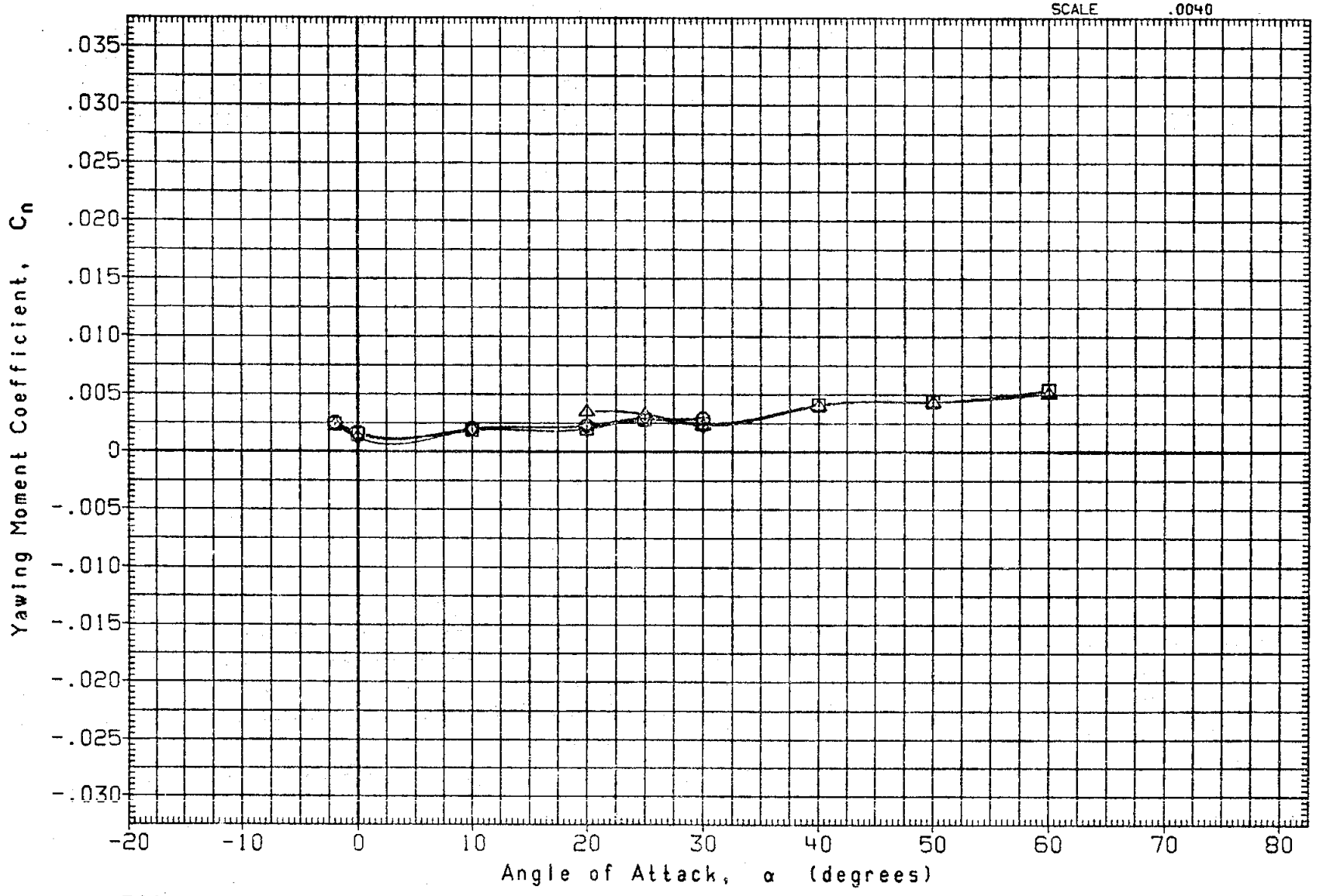

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

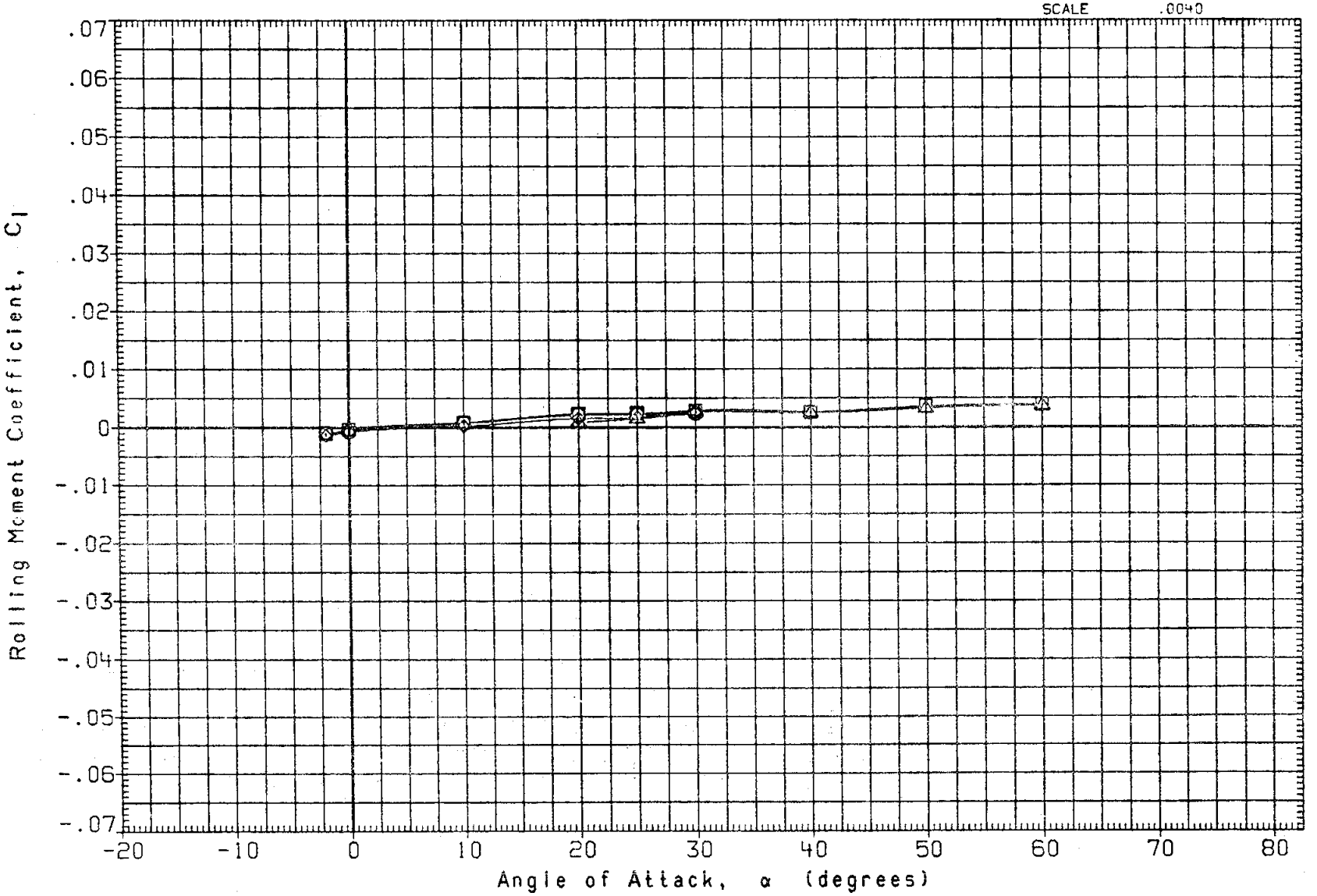

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(D)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

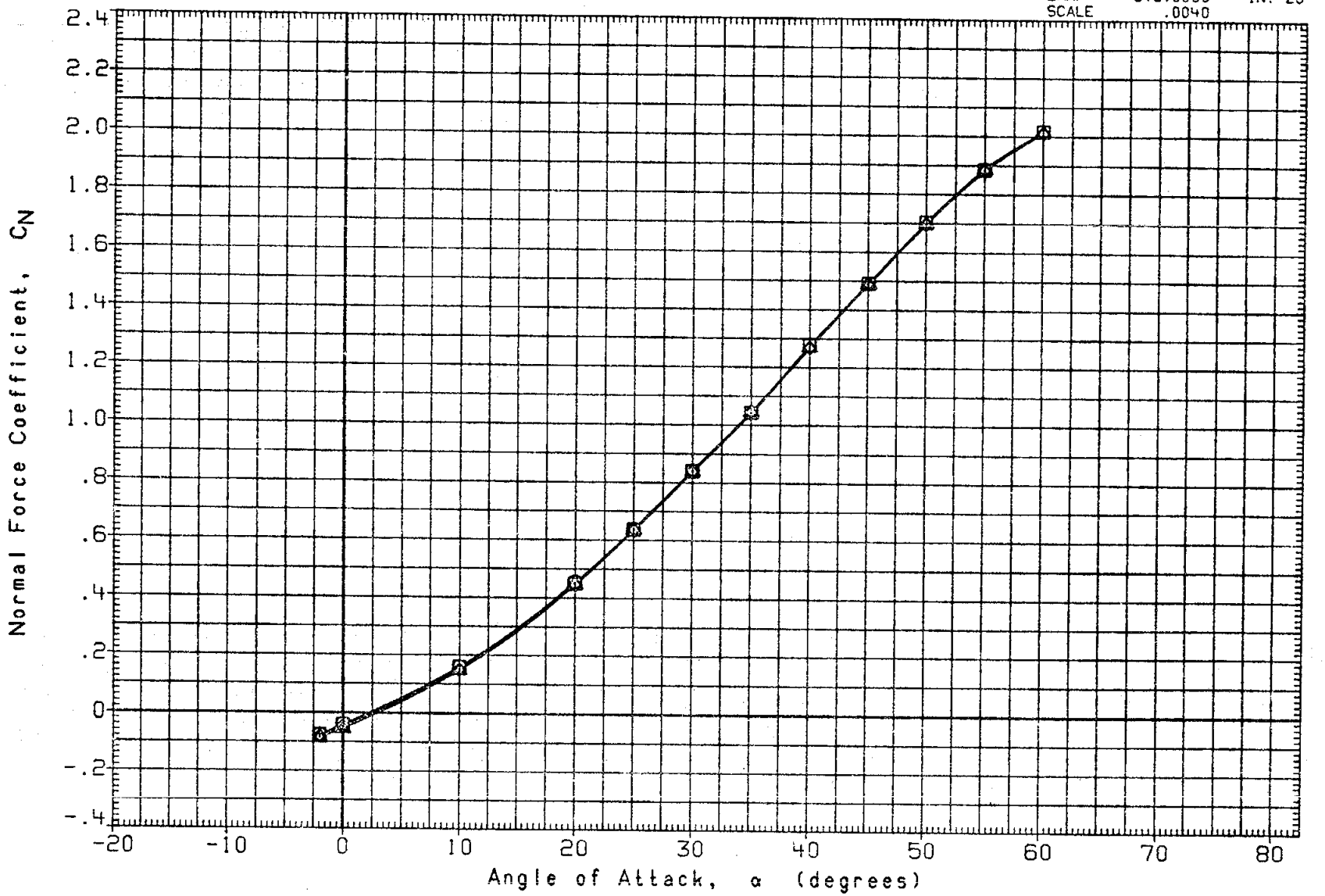

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

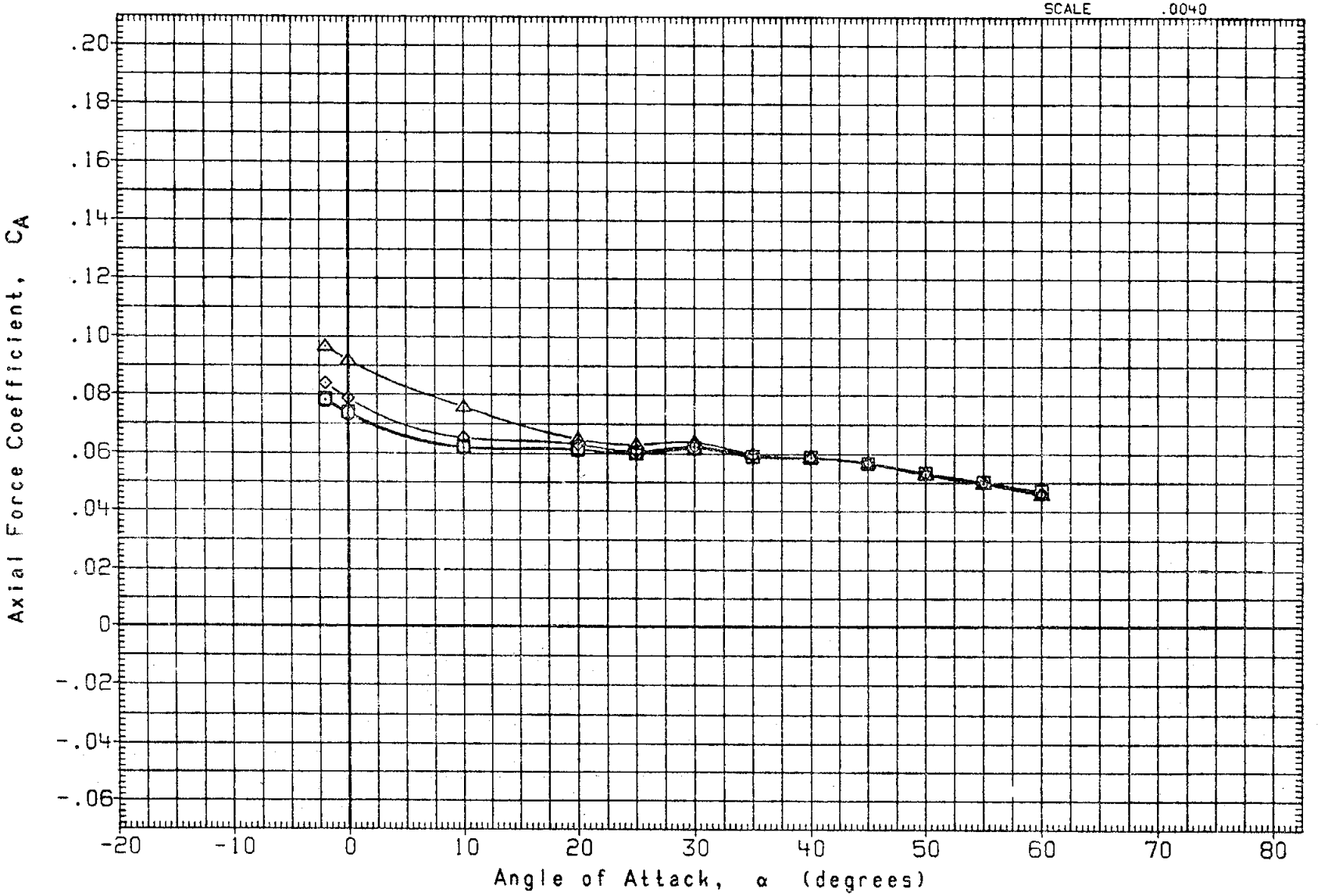

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

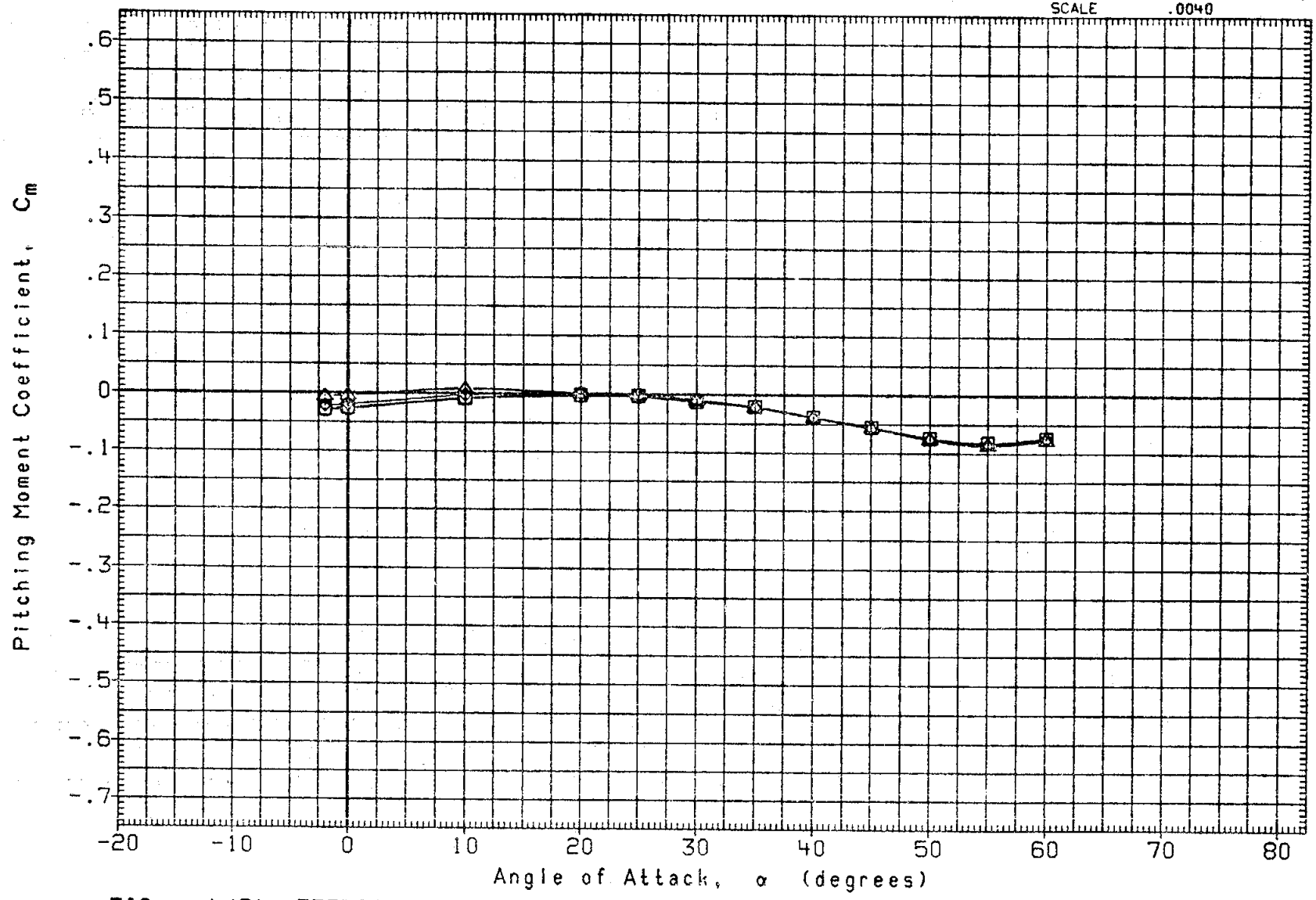

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

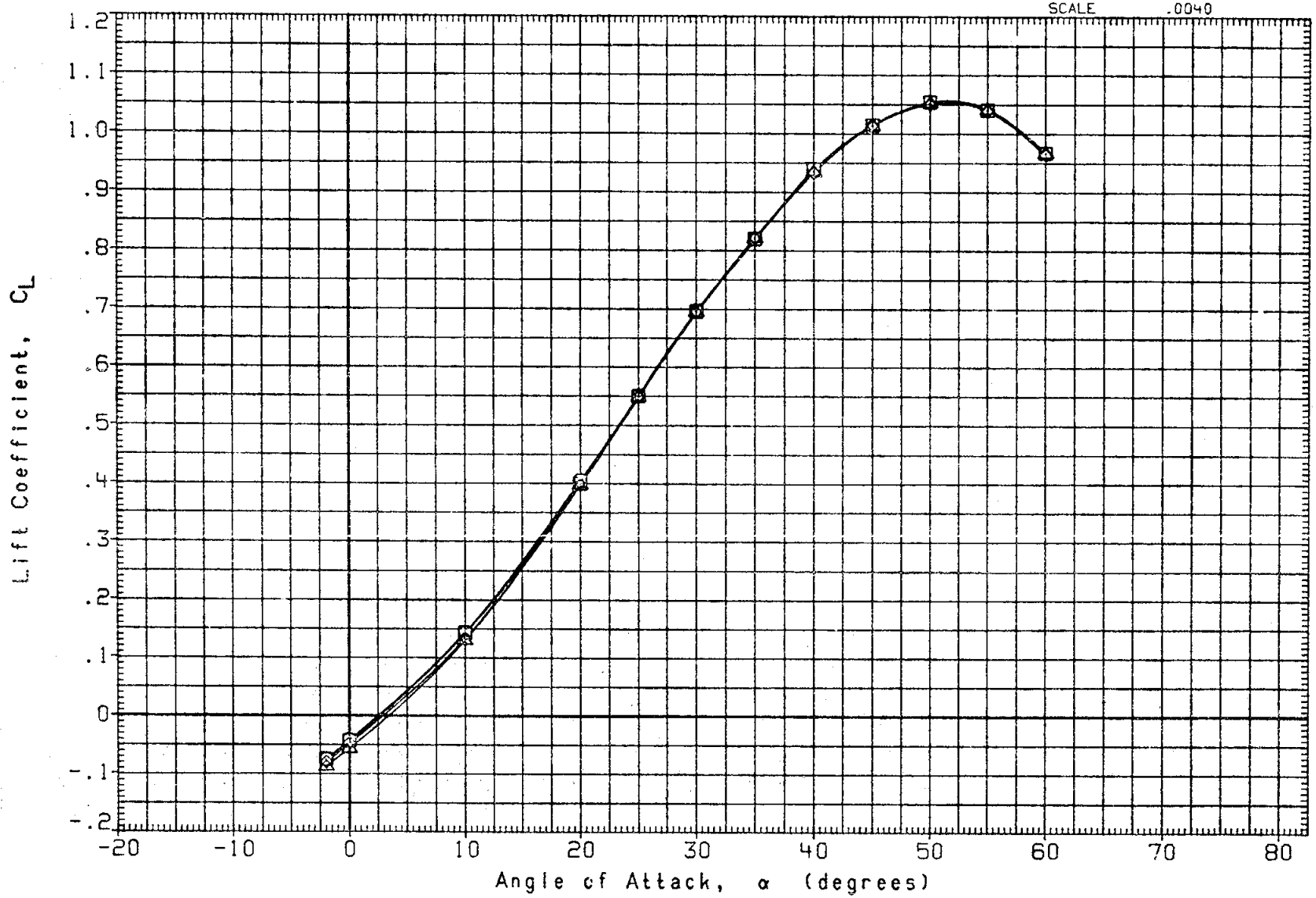

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

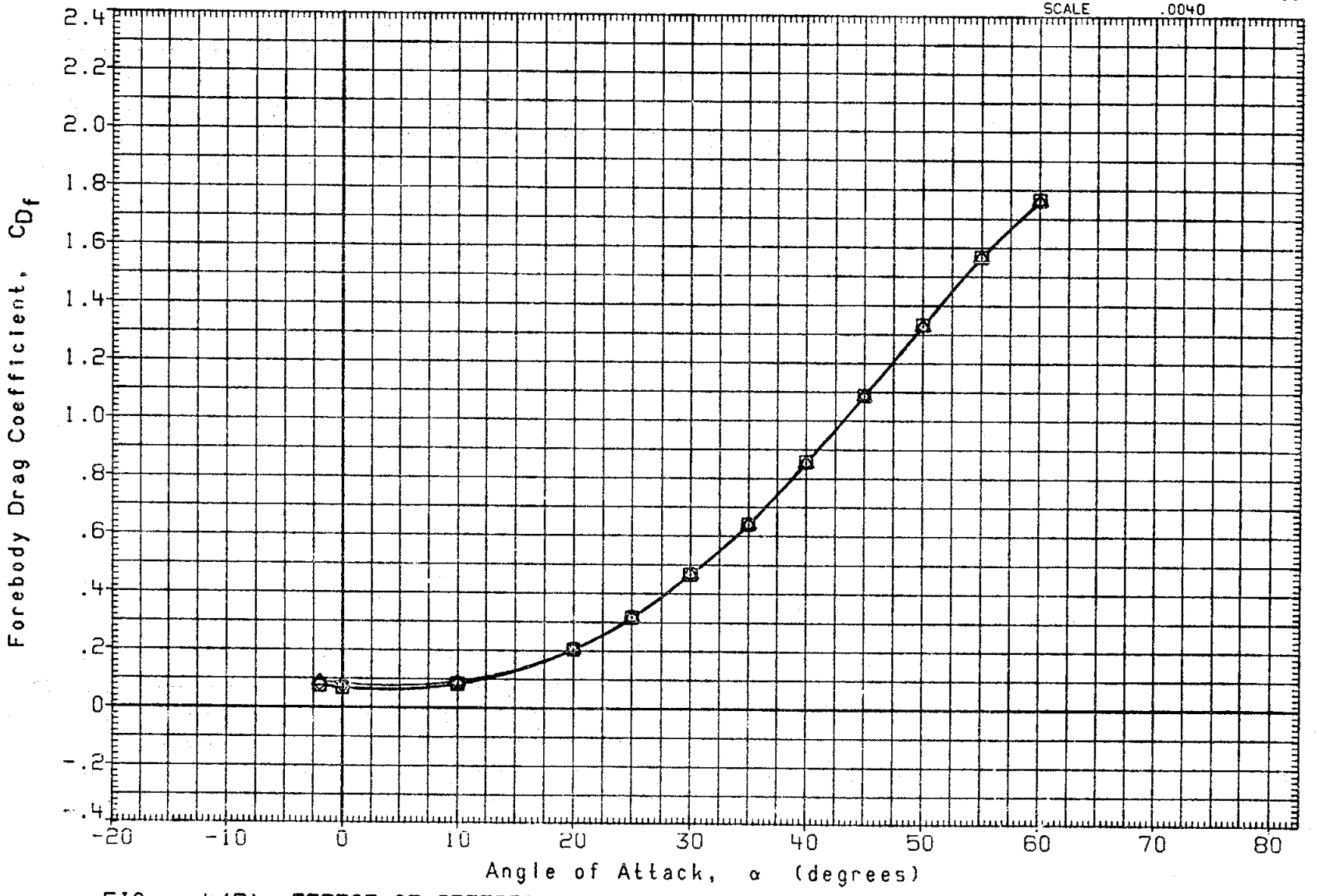

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

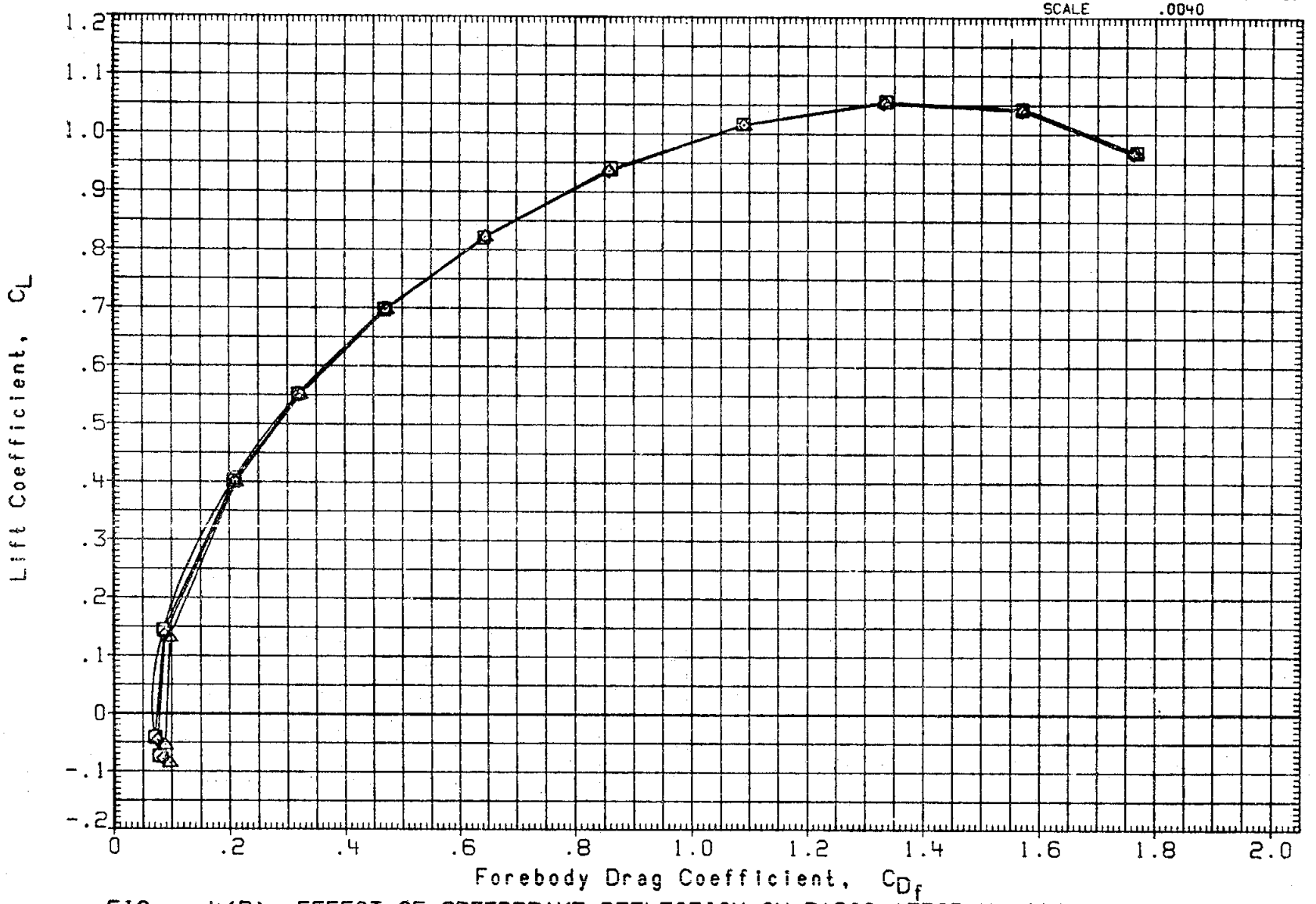

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6900	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

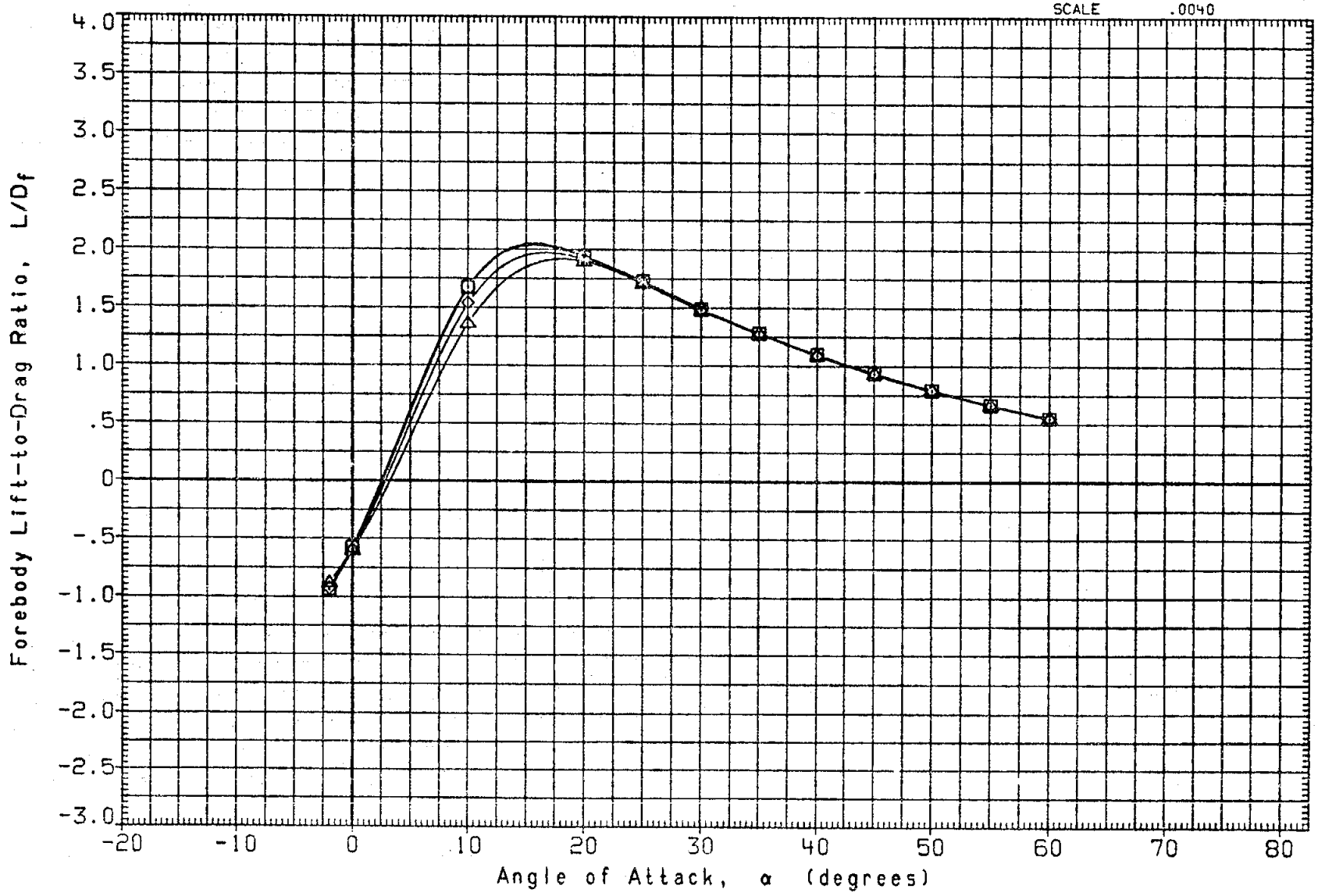

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	935.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

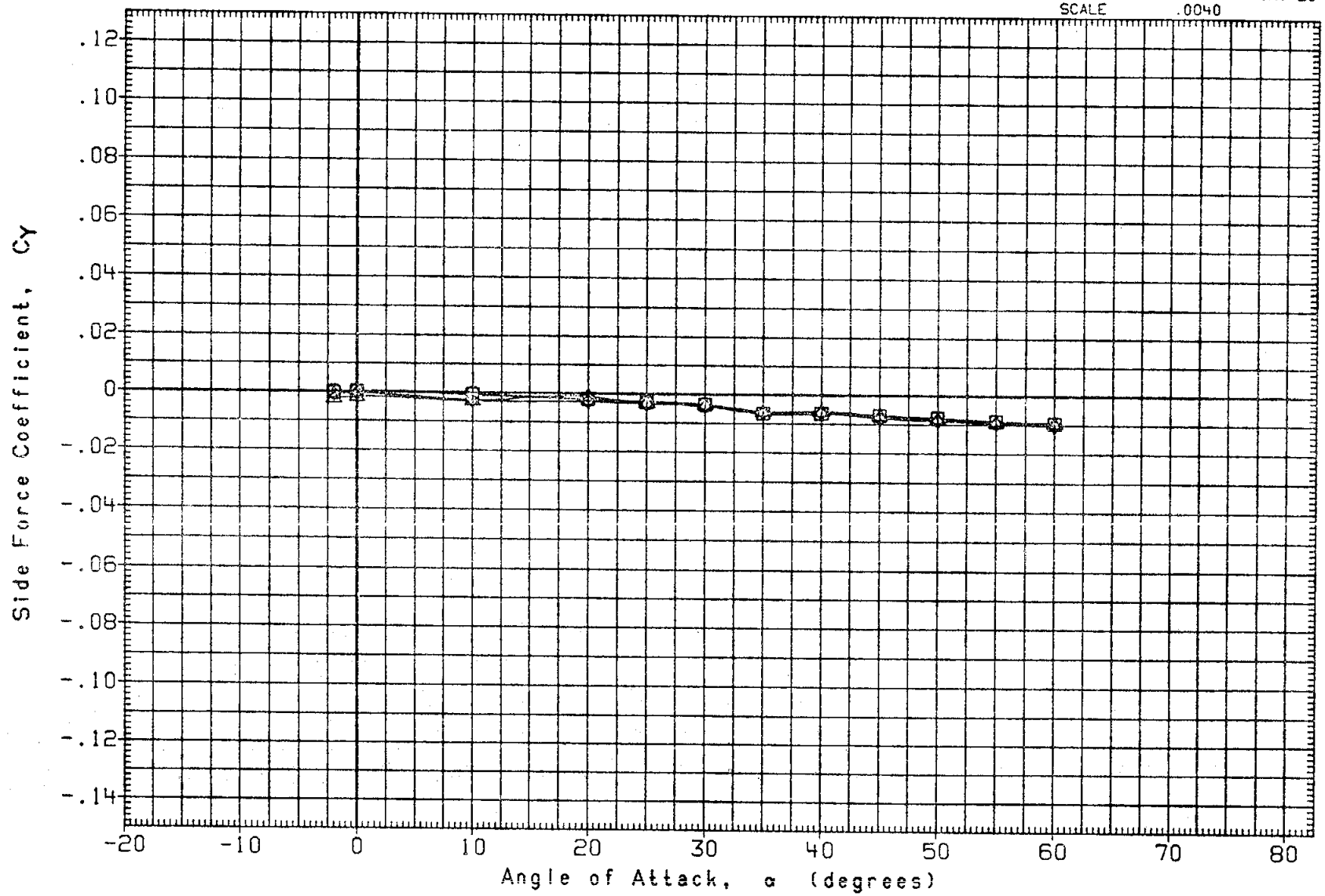

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

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LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

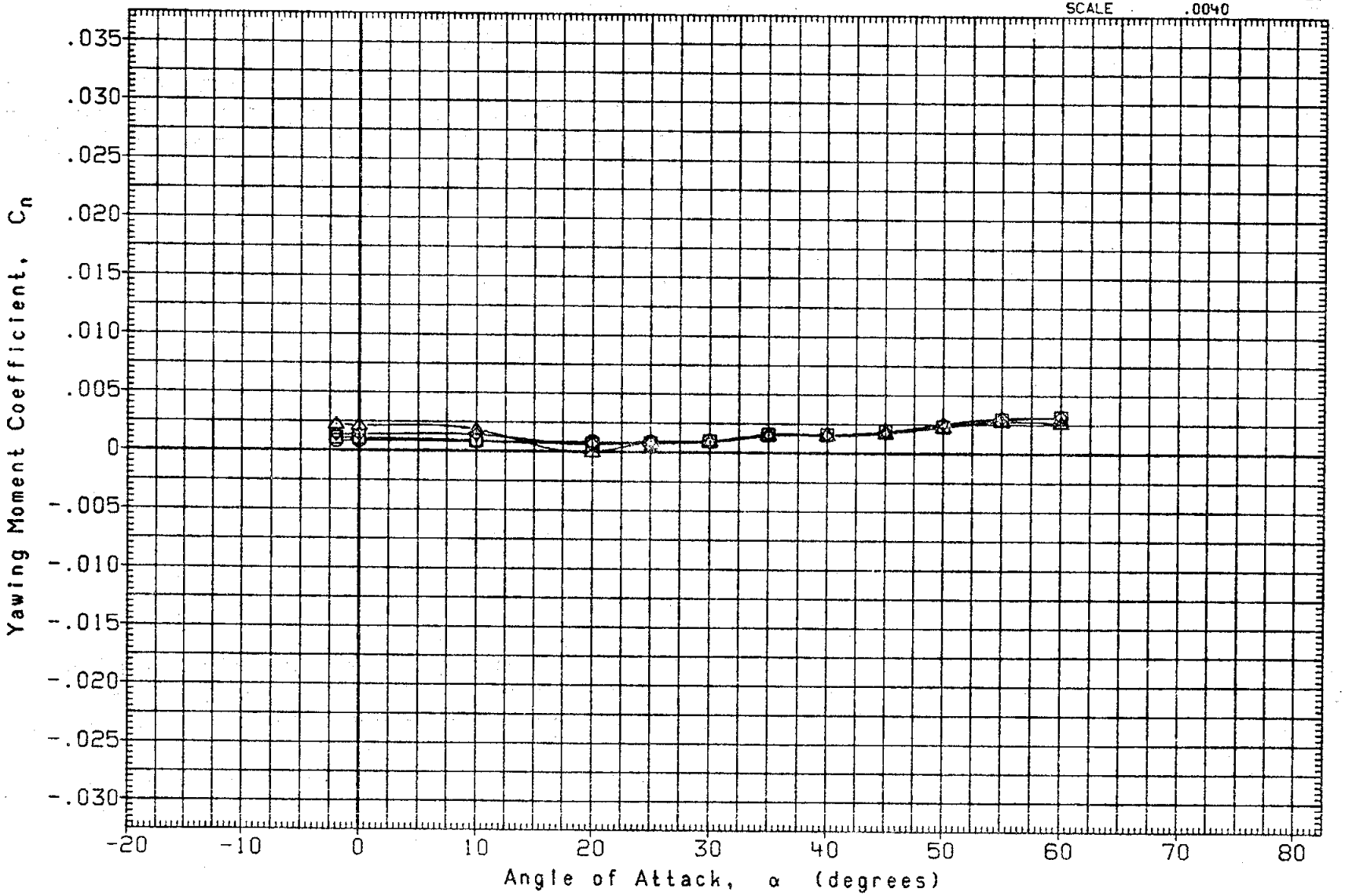

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RUDDER	PHI	SWEEP
AKZ002	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	.100	.000	INCRSE
AKZS04	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	25.000	2.400	.000	INCRSE
AKZS07	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	.800	.000	INCRSE
AKZS11	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	1.400	.000	INCRSE

REFERENCE INFORMATION

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LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

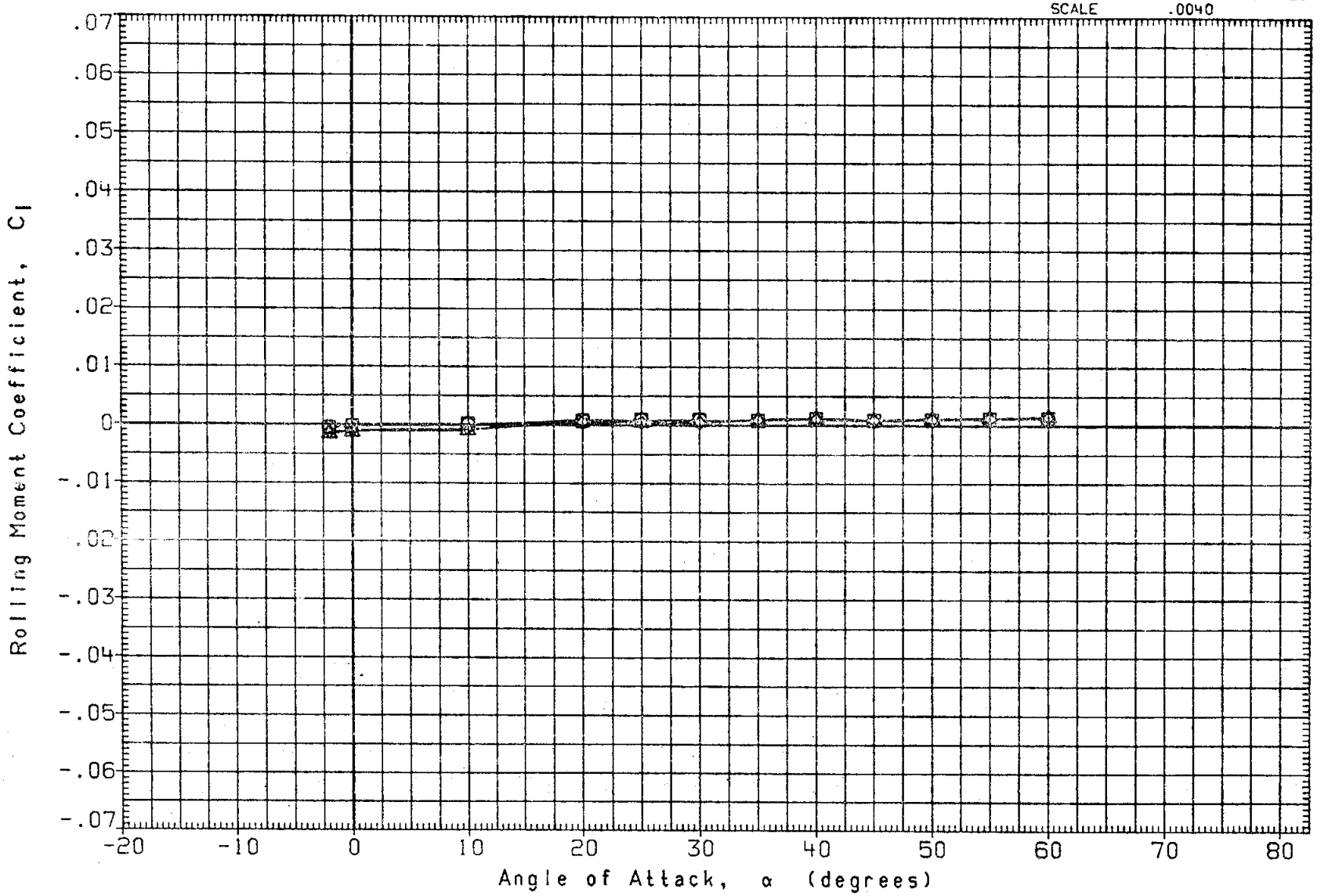

FIG. 4(B) EFFECT OF SPEEDBRAKE DEFLECTION ON BASIC AERODYNAMICS
MACH = 6.0, MODEL UPRIGHT, BODY FLAP = ELEVONS = 0

(E)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

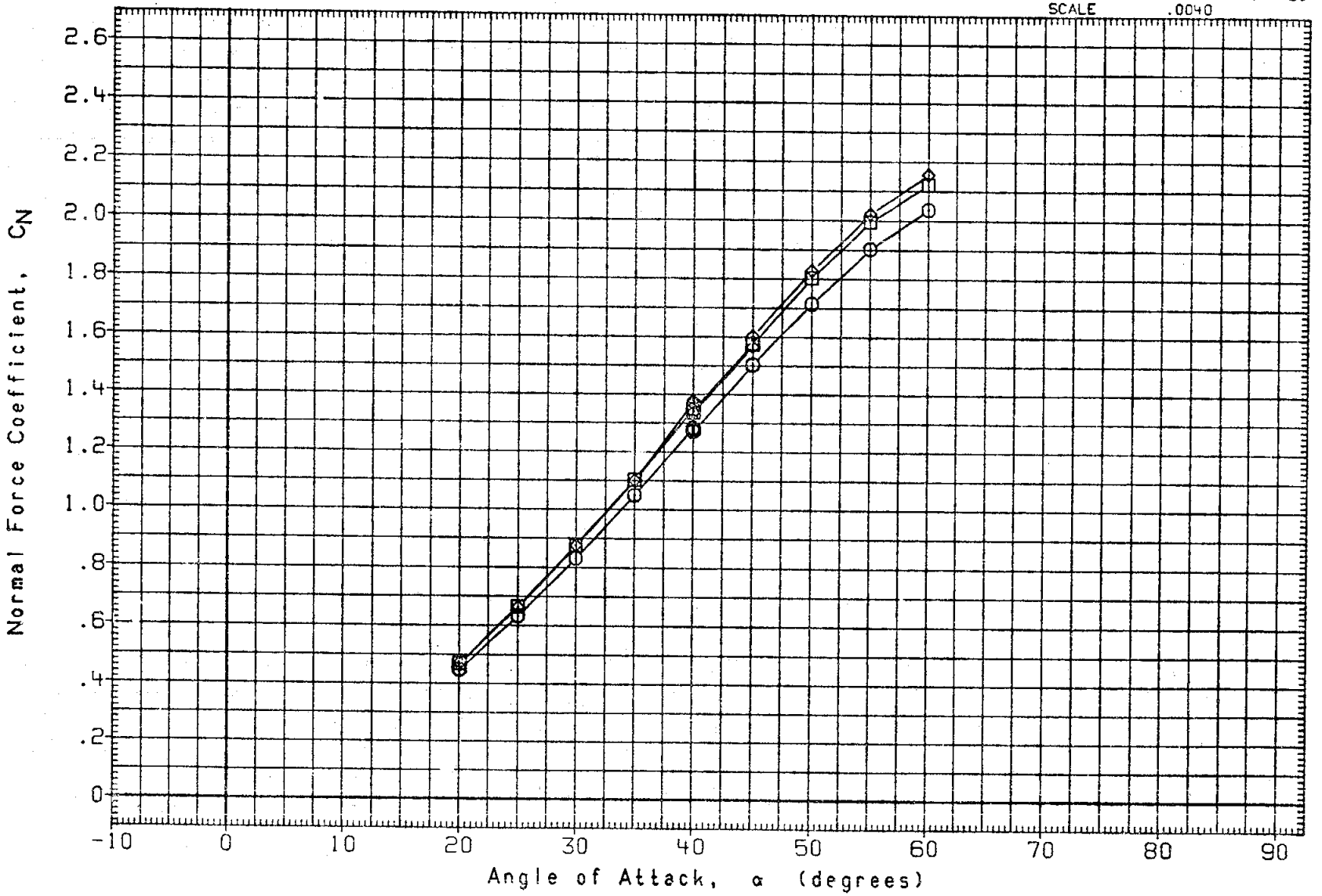

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

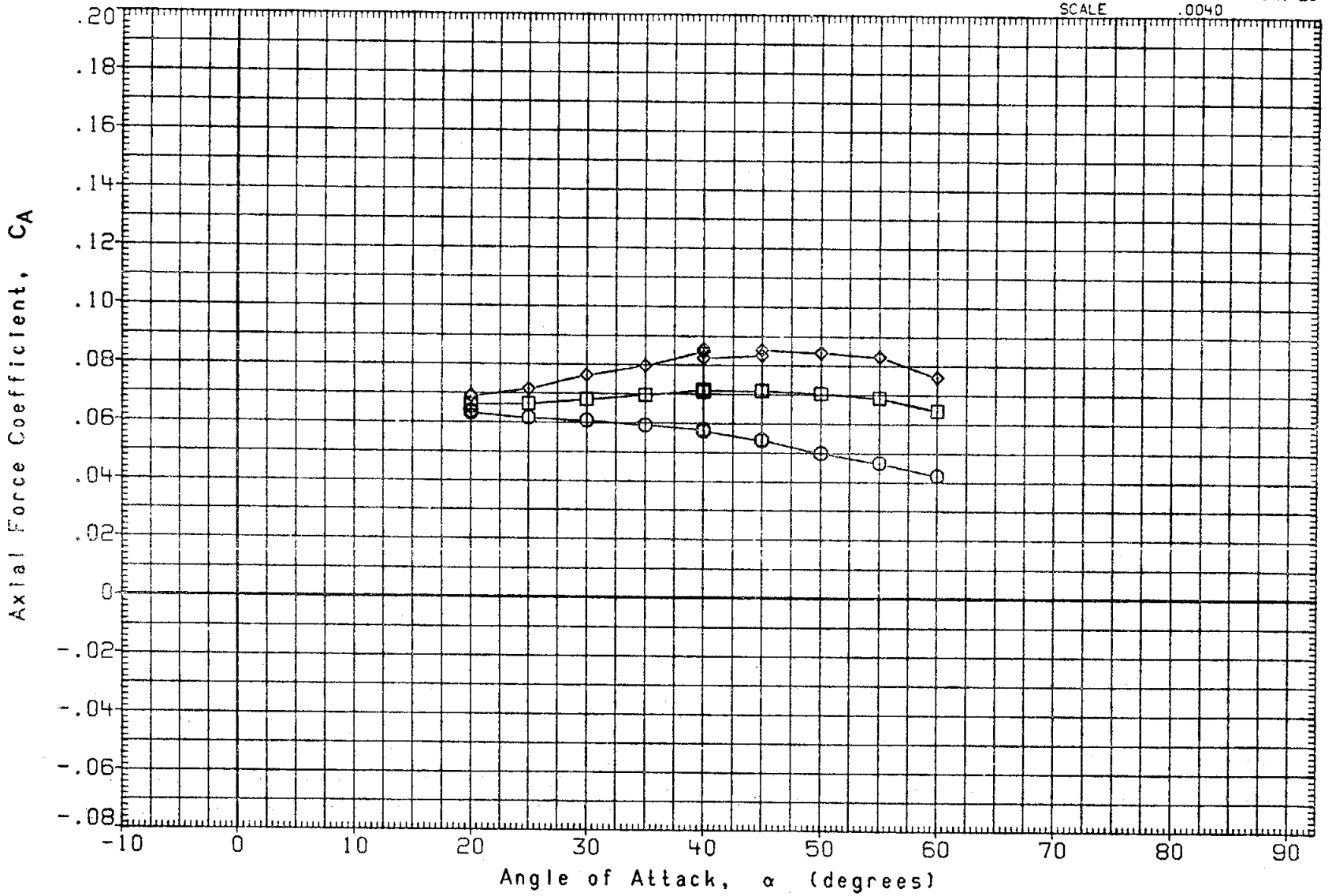

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

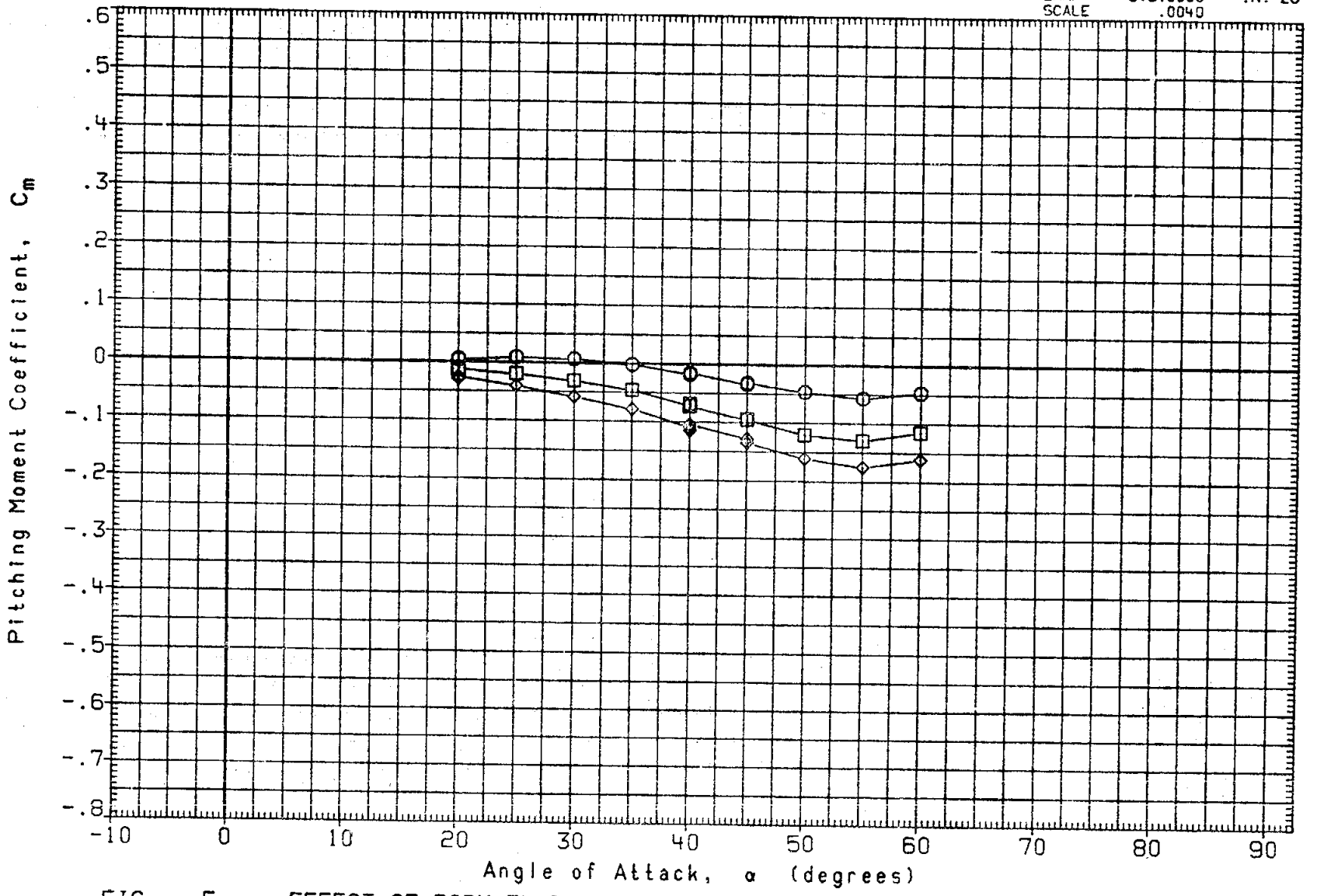

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

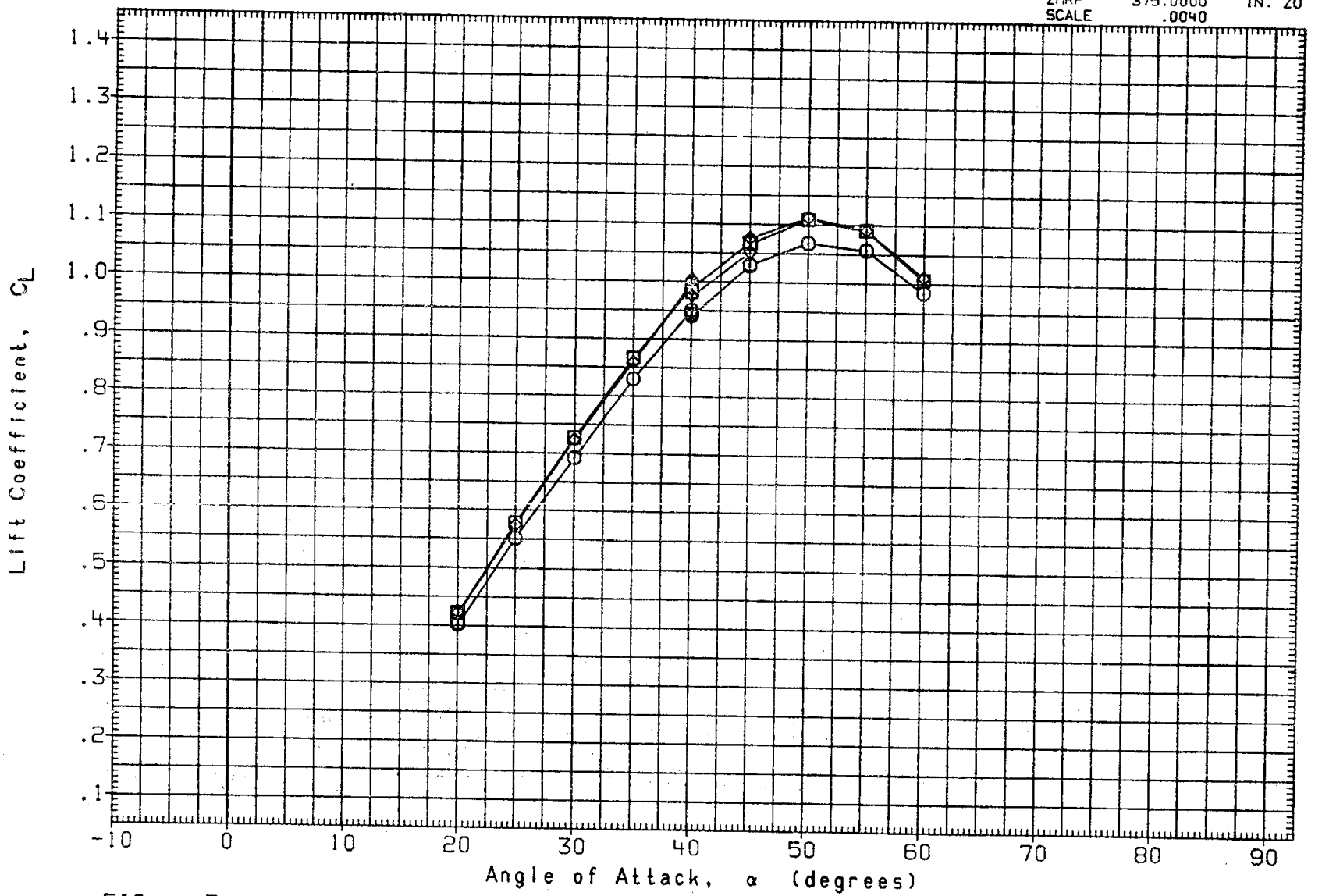

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

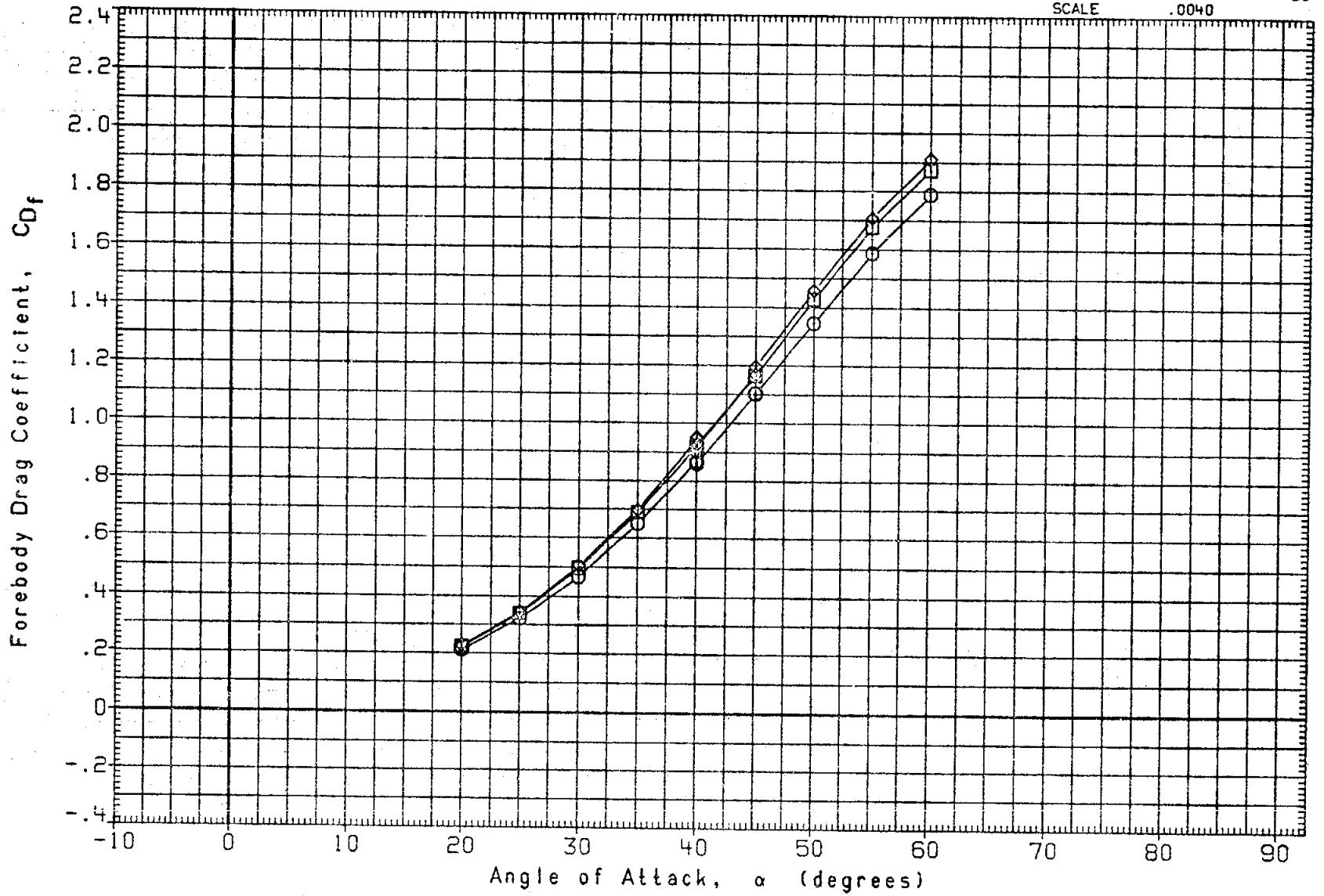

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

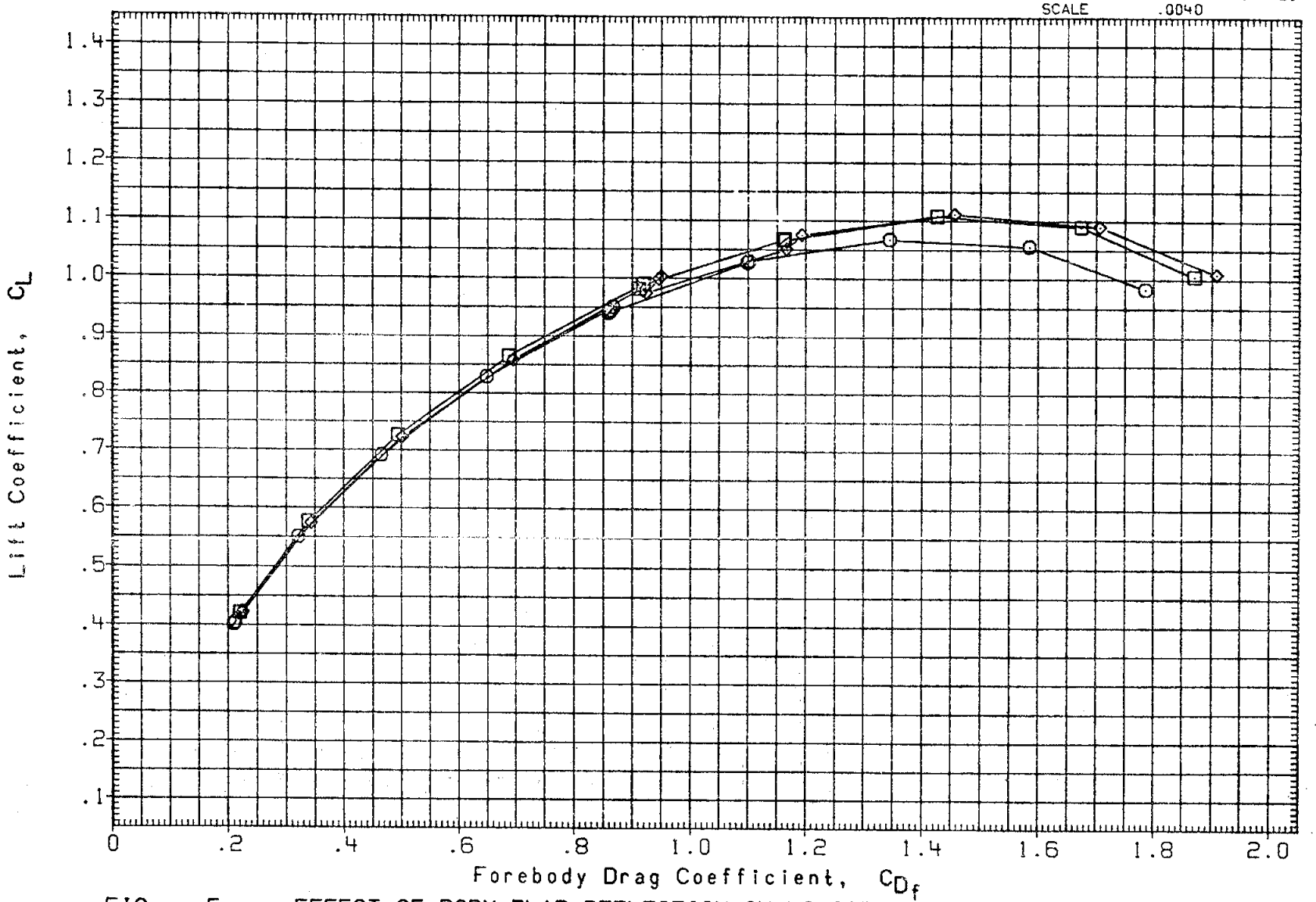

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SPDBRK	RUDDER	PHI
RKZ012	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-11.700	25.000	2.400	.000
RKZ013	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	16.300	25.000	2.400	.000
RKZ014	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	22.500	25.000	2.400	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

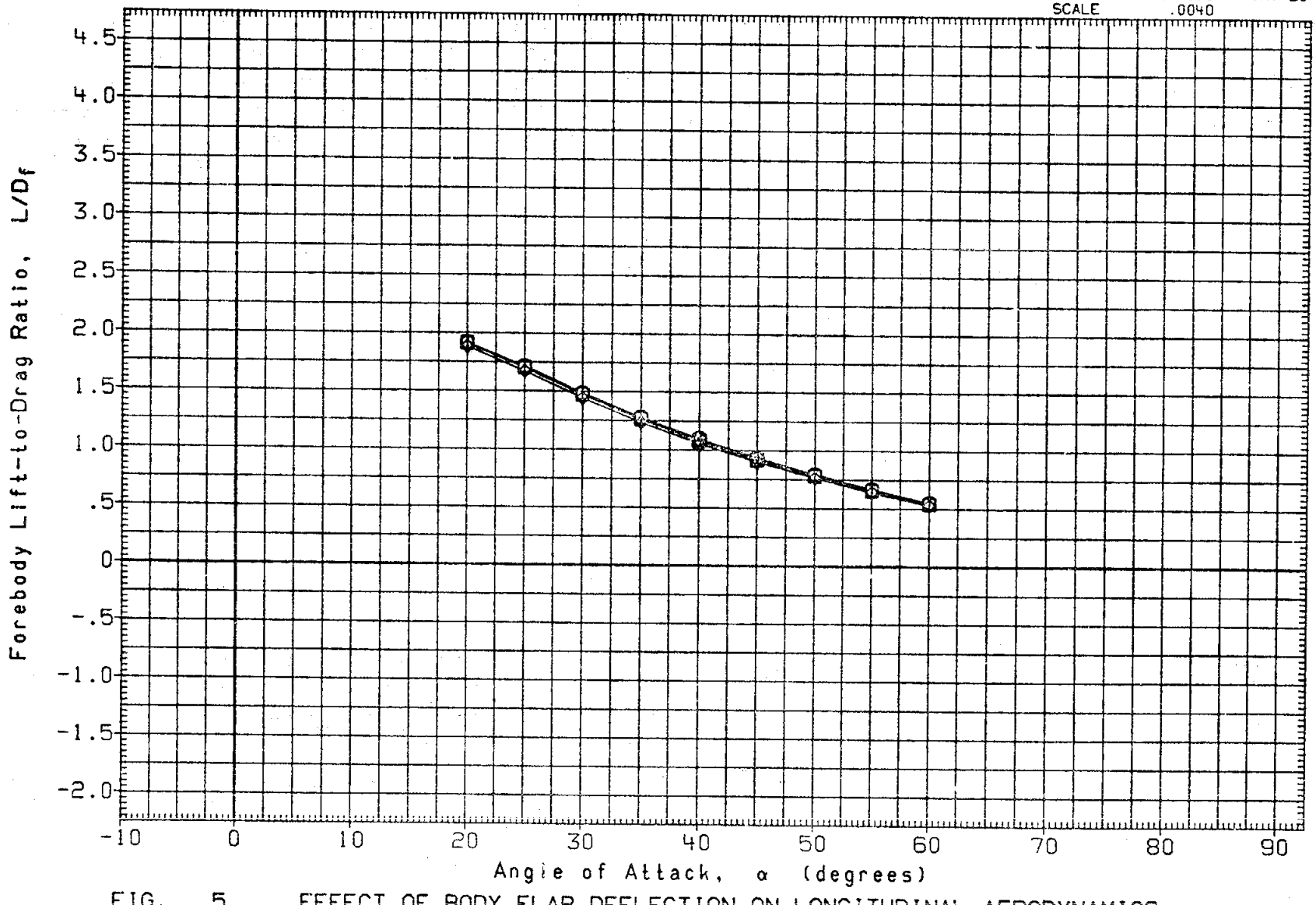

FIG. 5 EFFECT OF BODY FLAP DEFLECTION ON LONGITUDINAL AERODYNAMICS
MACH = 6.0, SPEEDBRAKE = 25.0 , ELEVONS = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◻	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

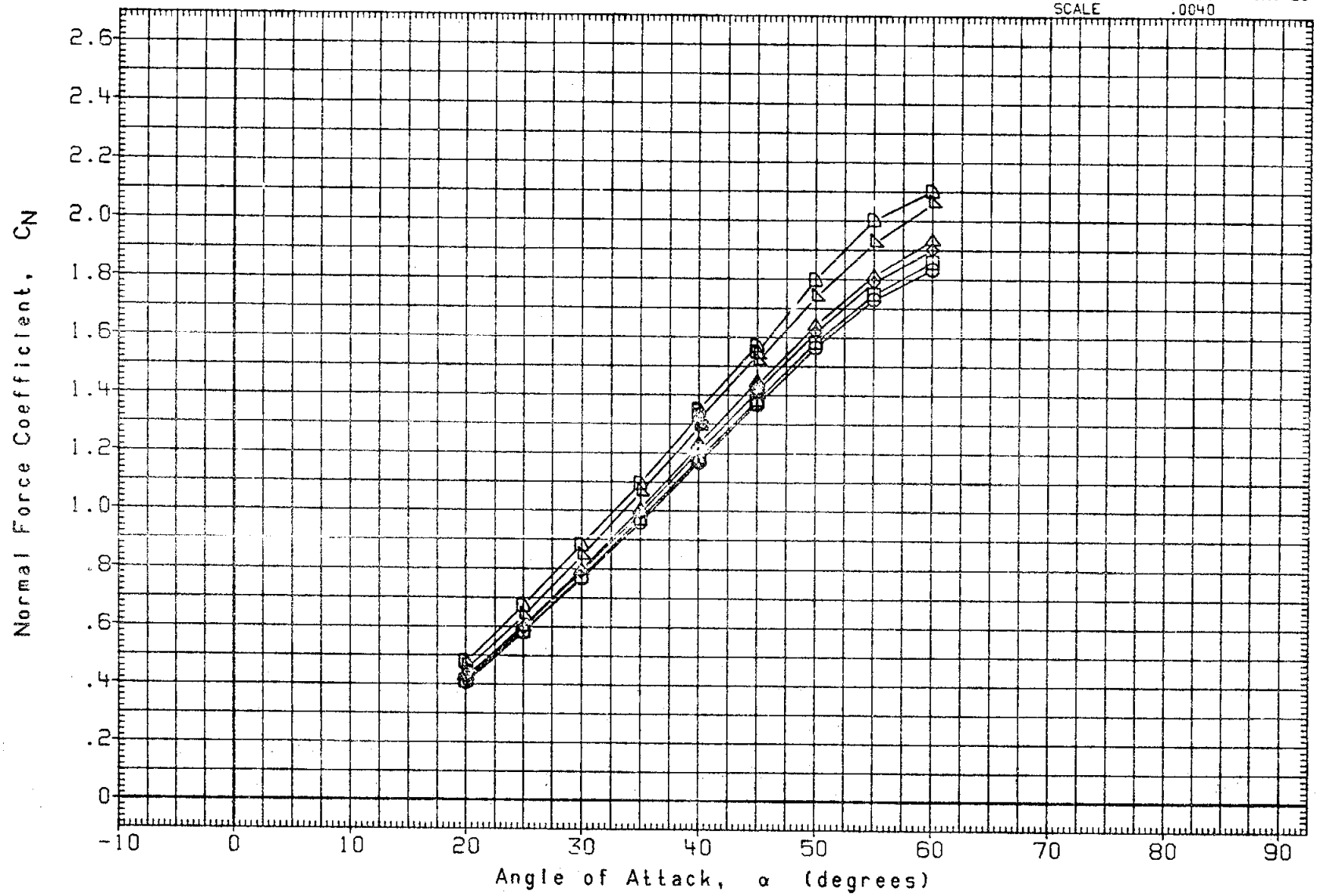

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	▱	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

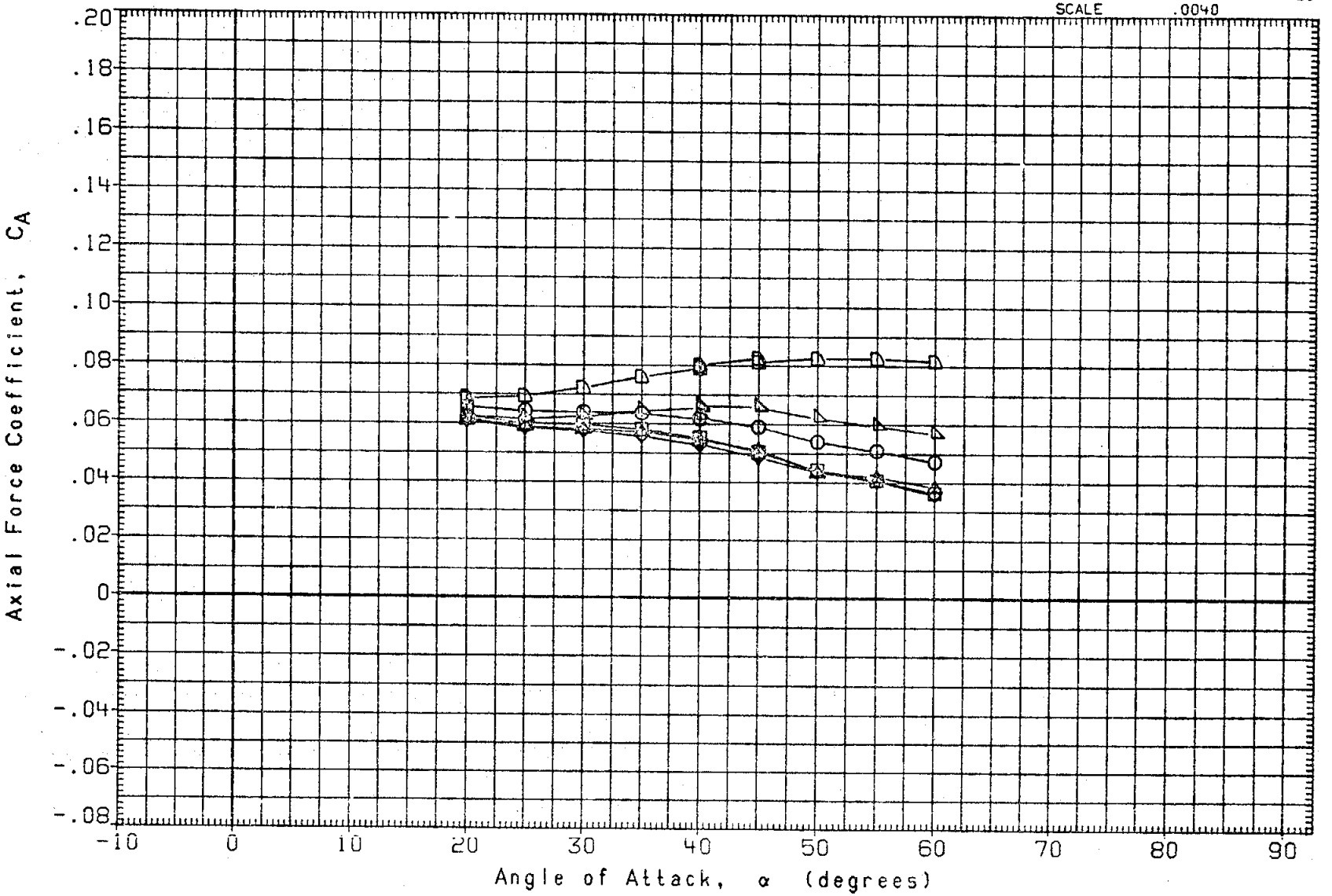

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	◺	LA141 (20-MS-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◗	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

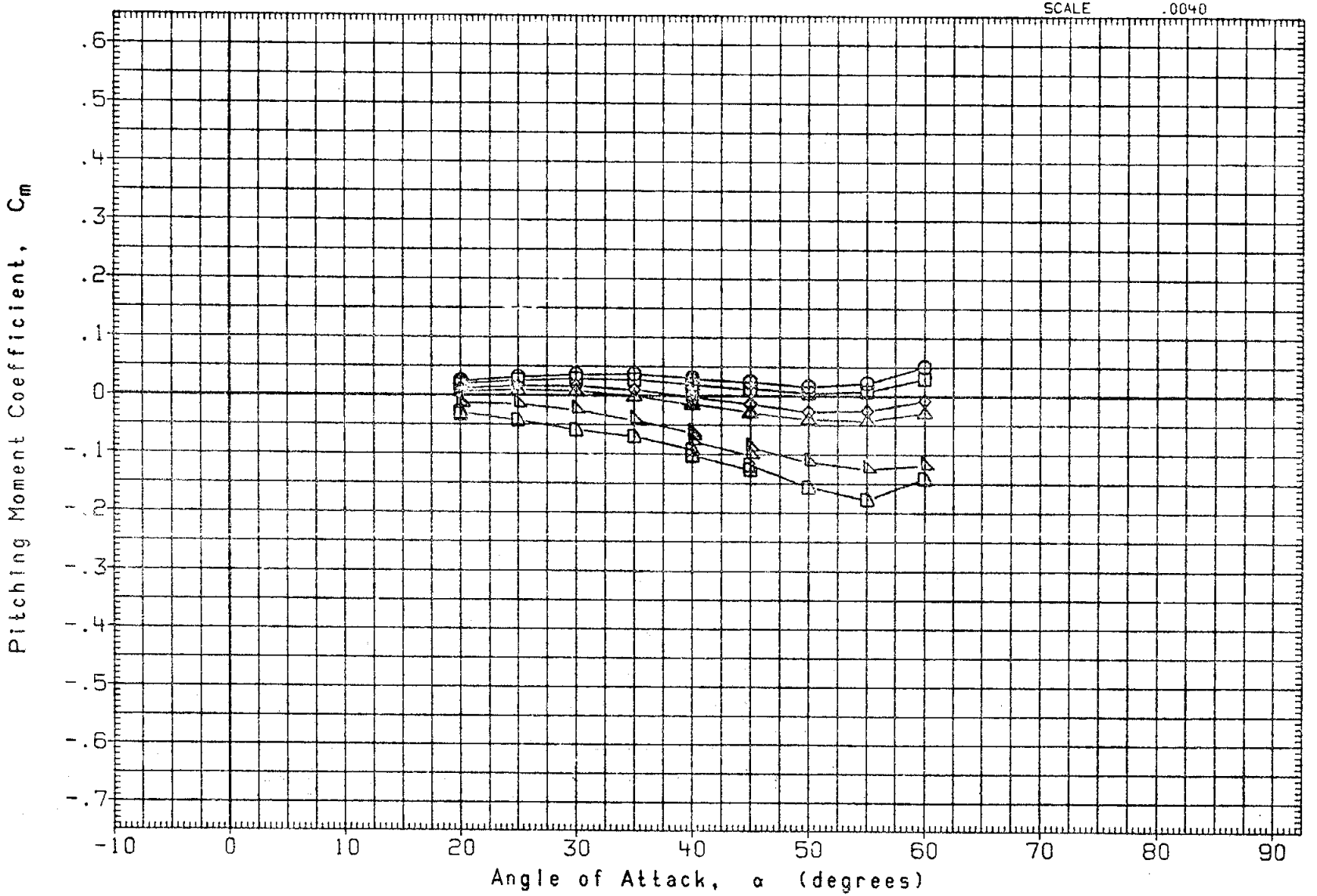

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	◁	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	▷	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

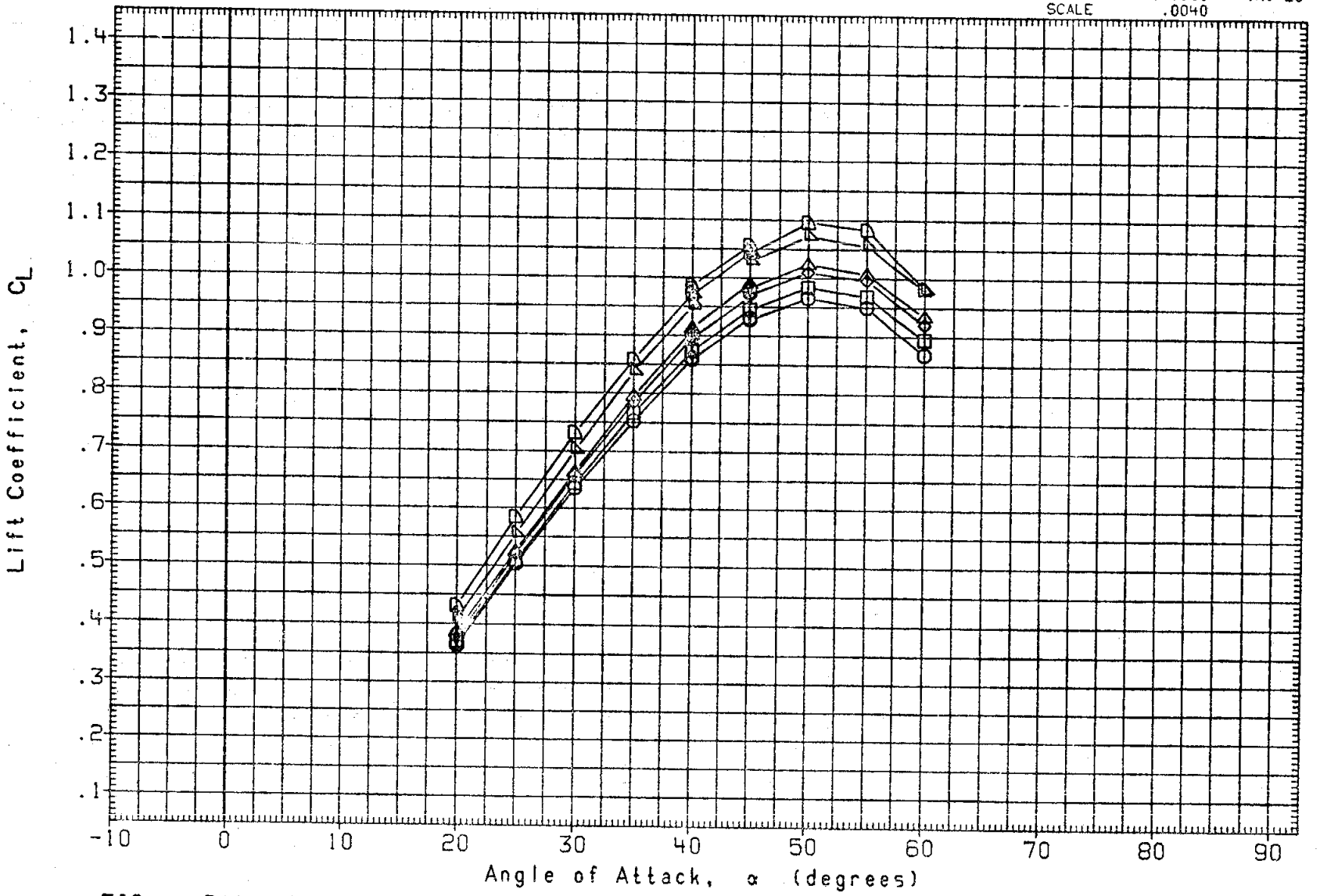

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	▷	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

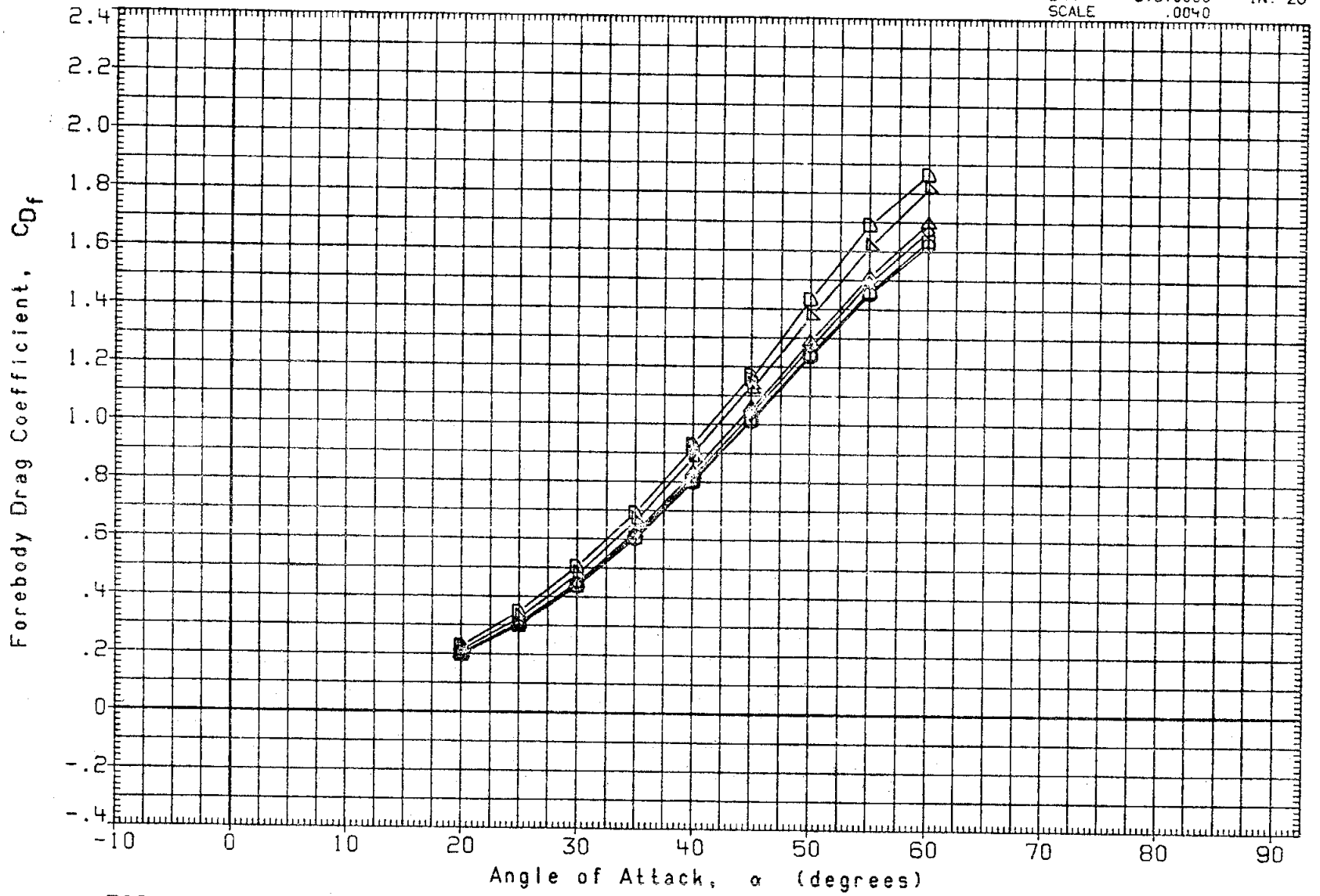

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

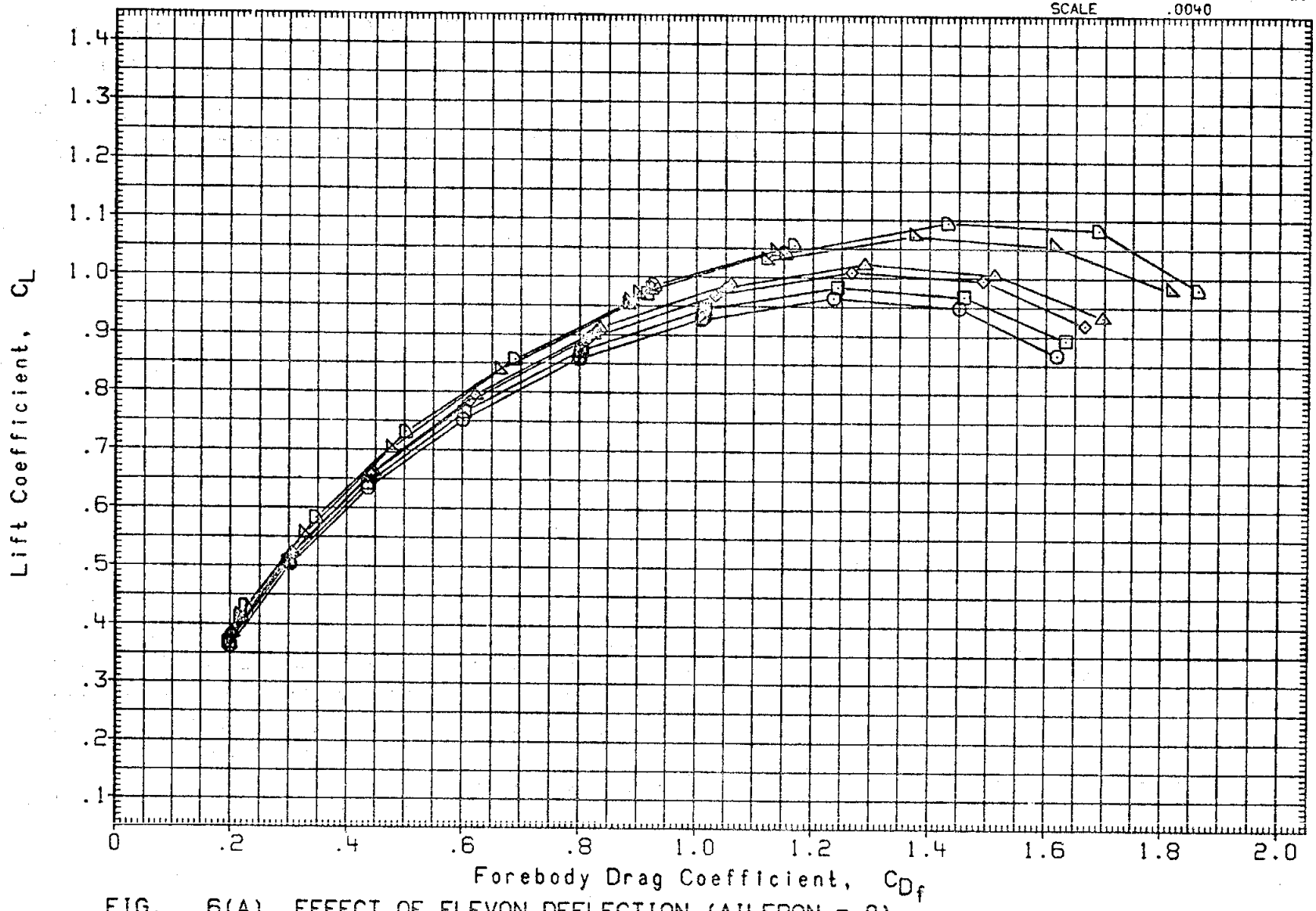

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ017	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-35.000	.000	25.000	2.400
RKZ018	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	▷	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

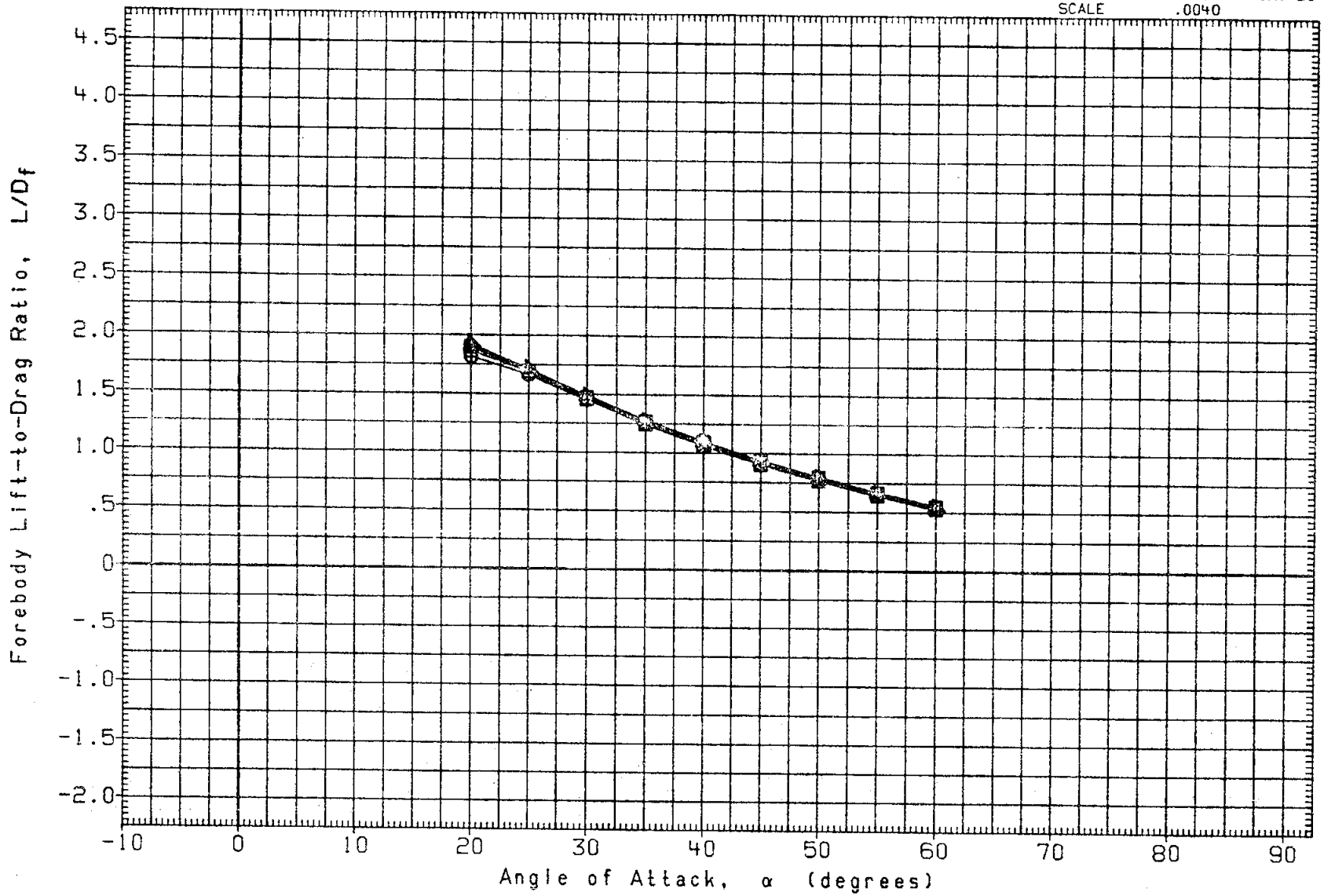

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	▷	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

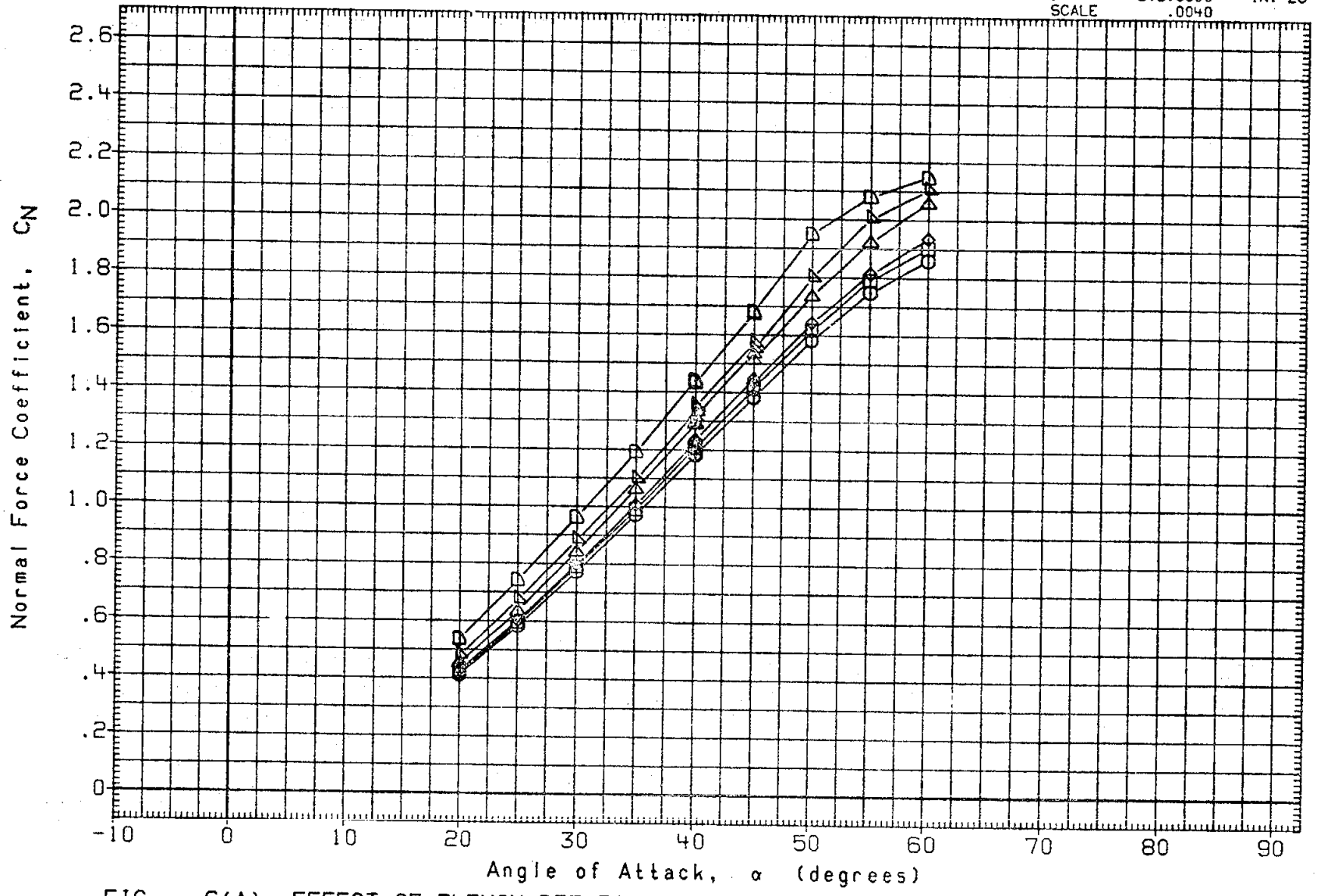

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

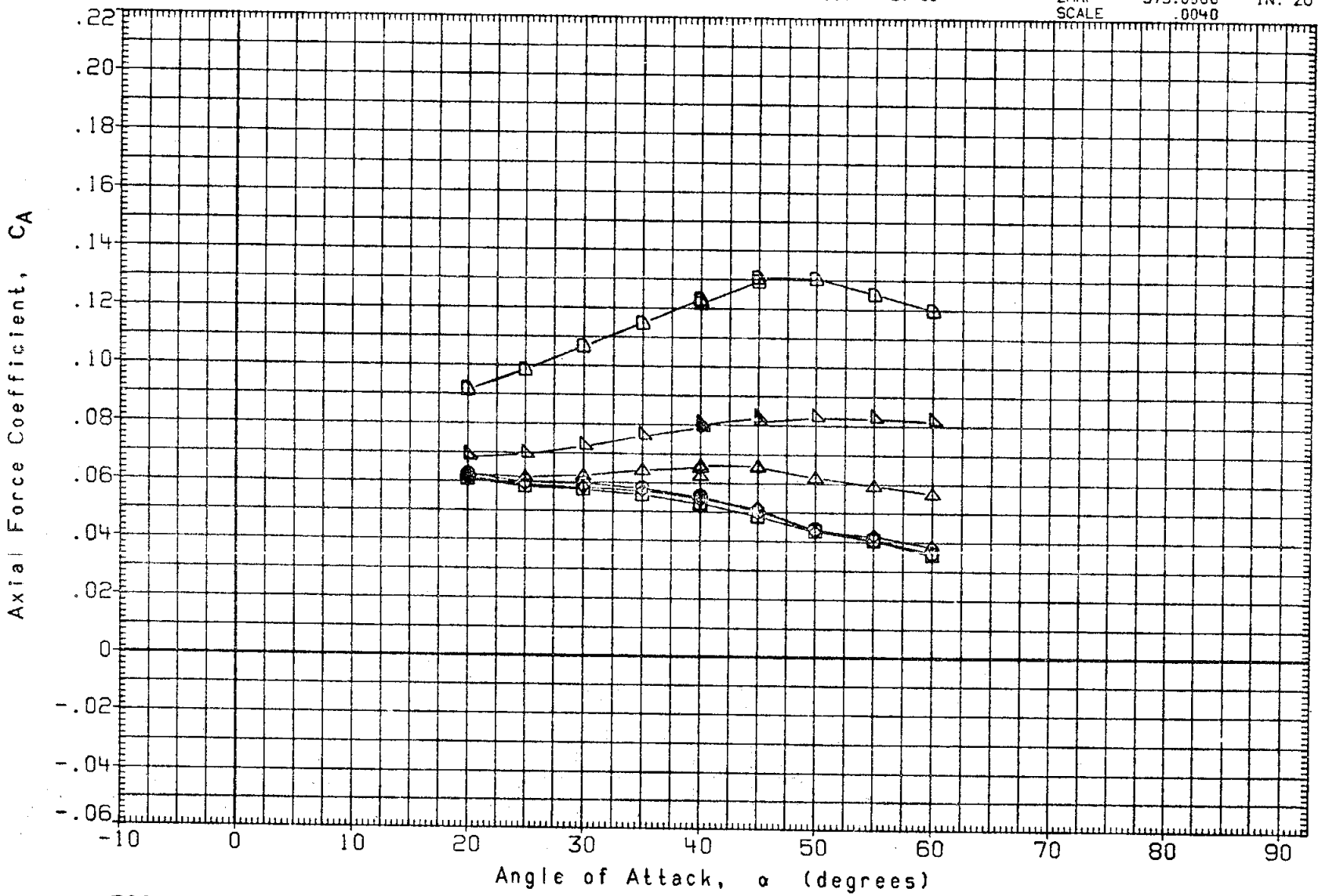

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

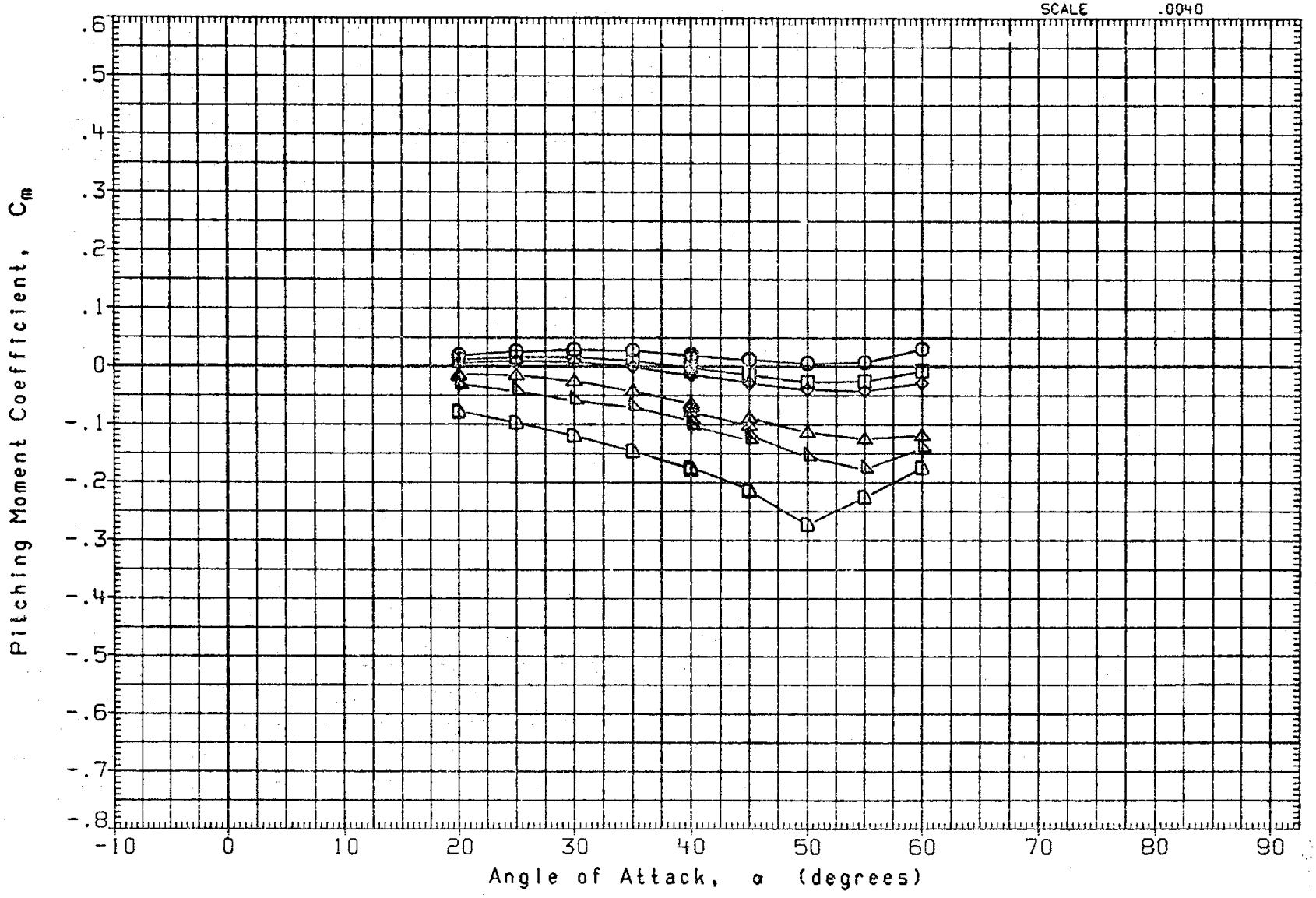

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◁	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

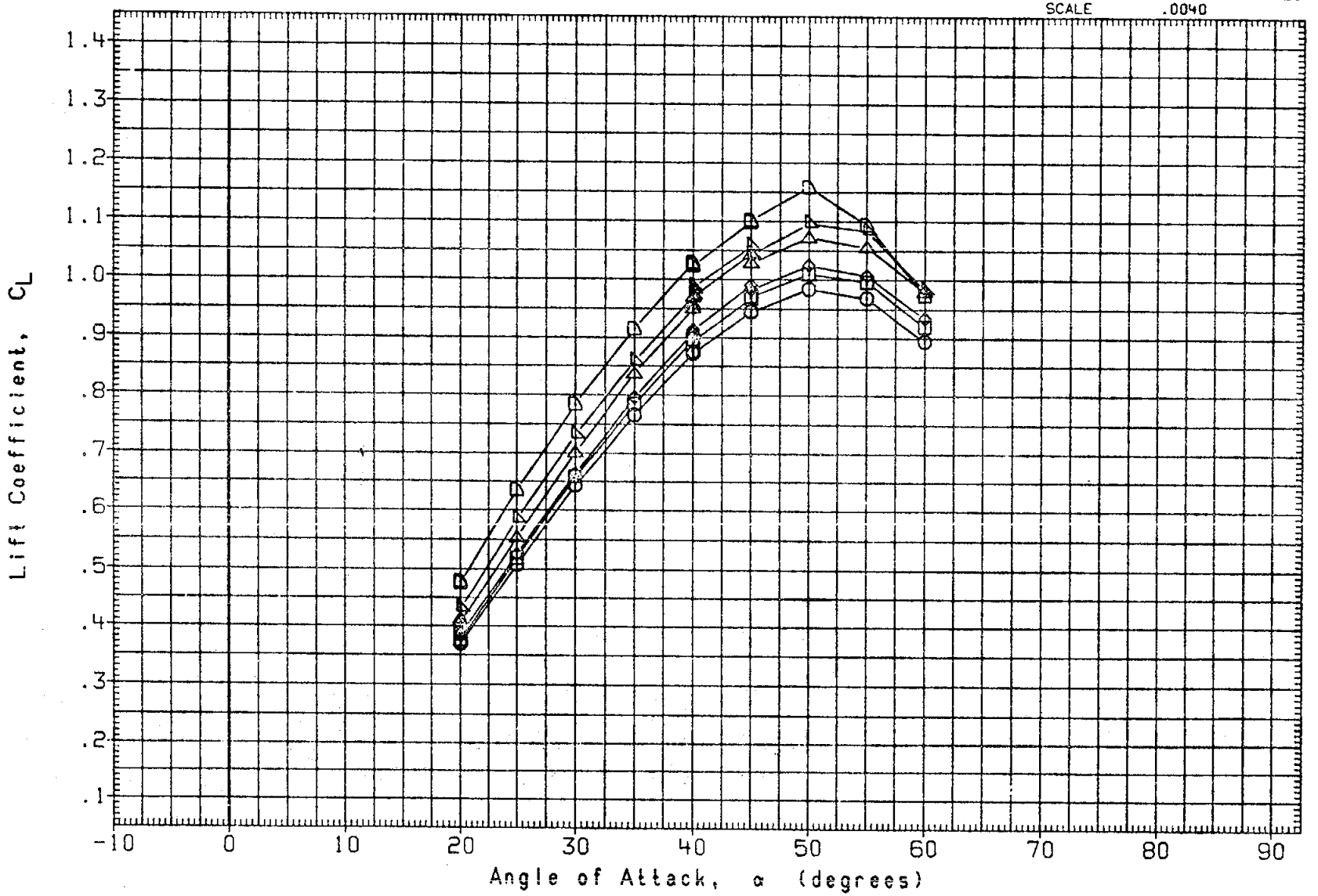

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

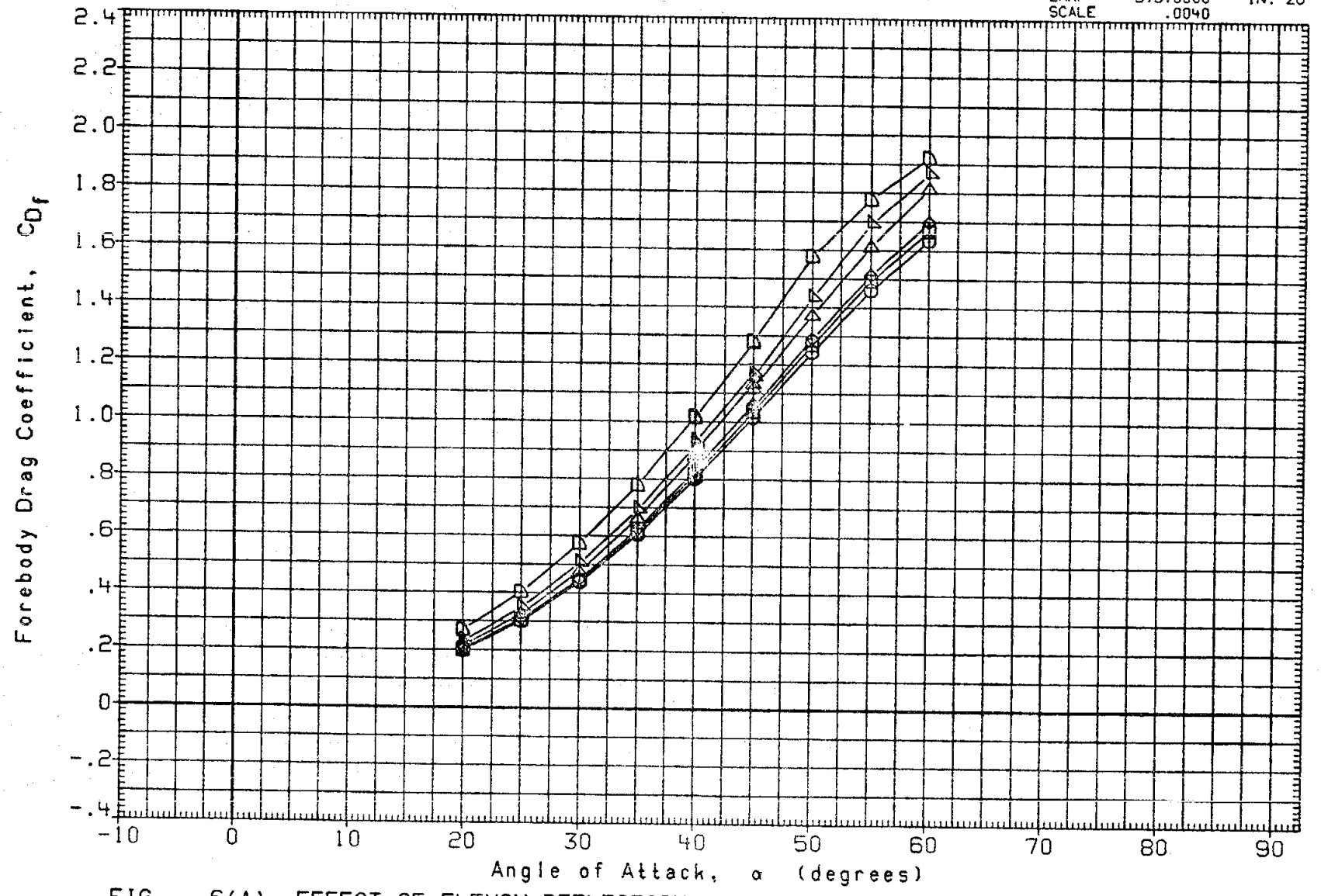

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◁	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	D	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

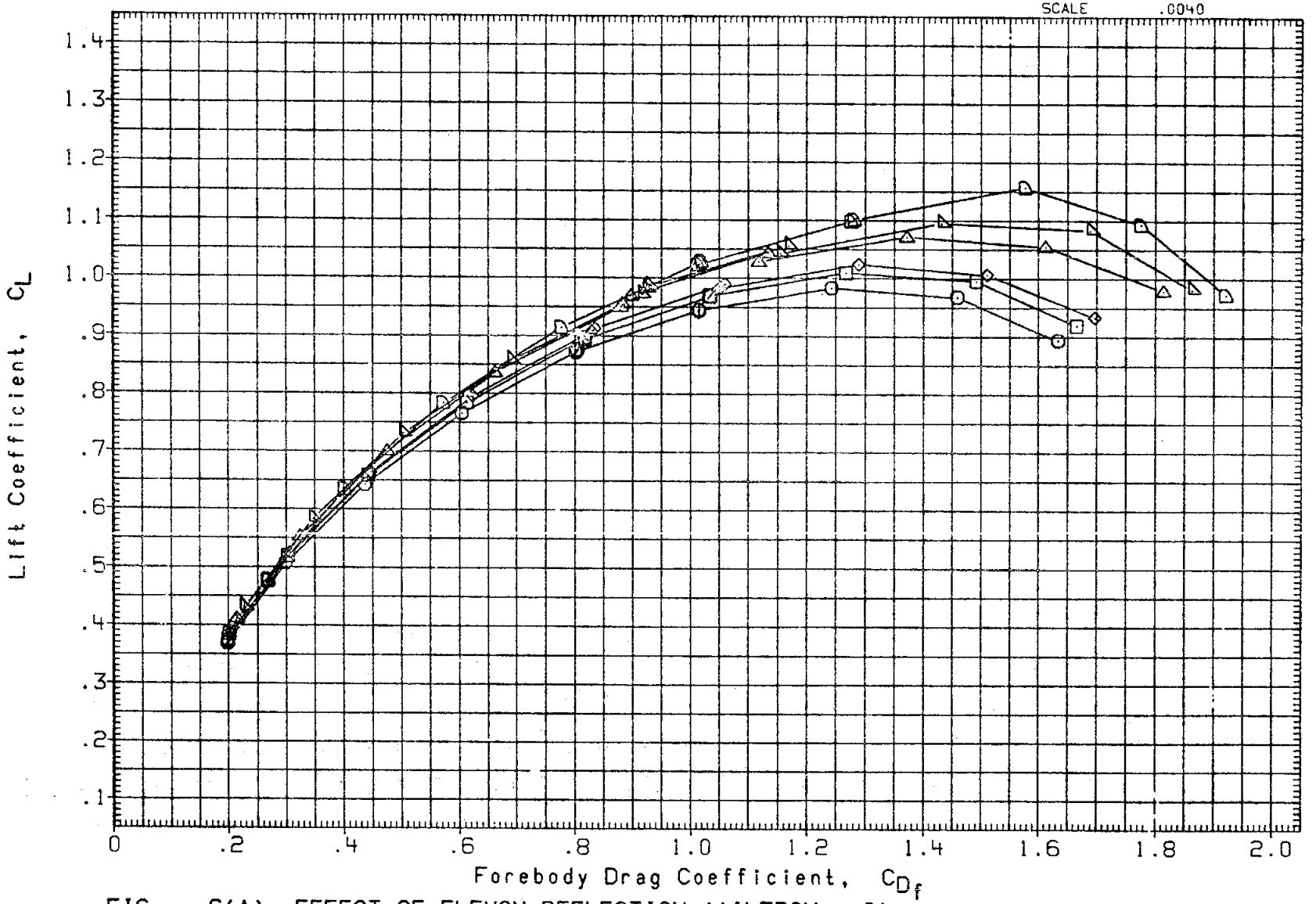

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ018	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-20.000	.000	25.000	2.400
RKZ019	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-10.000	.000	25.000	2.400
RKZ020	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	.000	25.000	2.400
RKZ021	△	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	.000	25.000	2.400
RKZ023	◭	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	10.000	.000	25.000	2.400
RKZ024	◺	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	20.000	.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

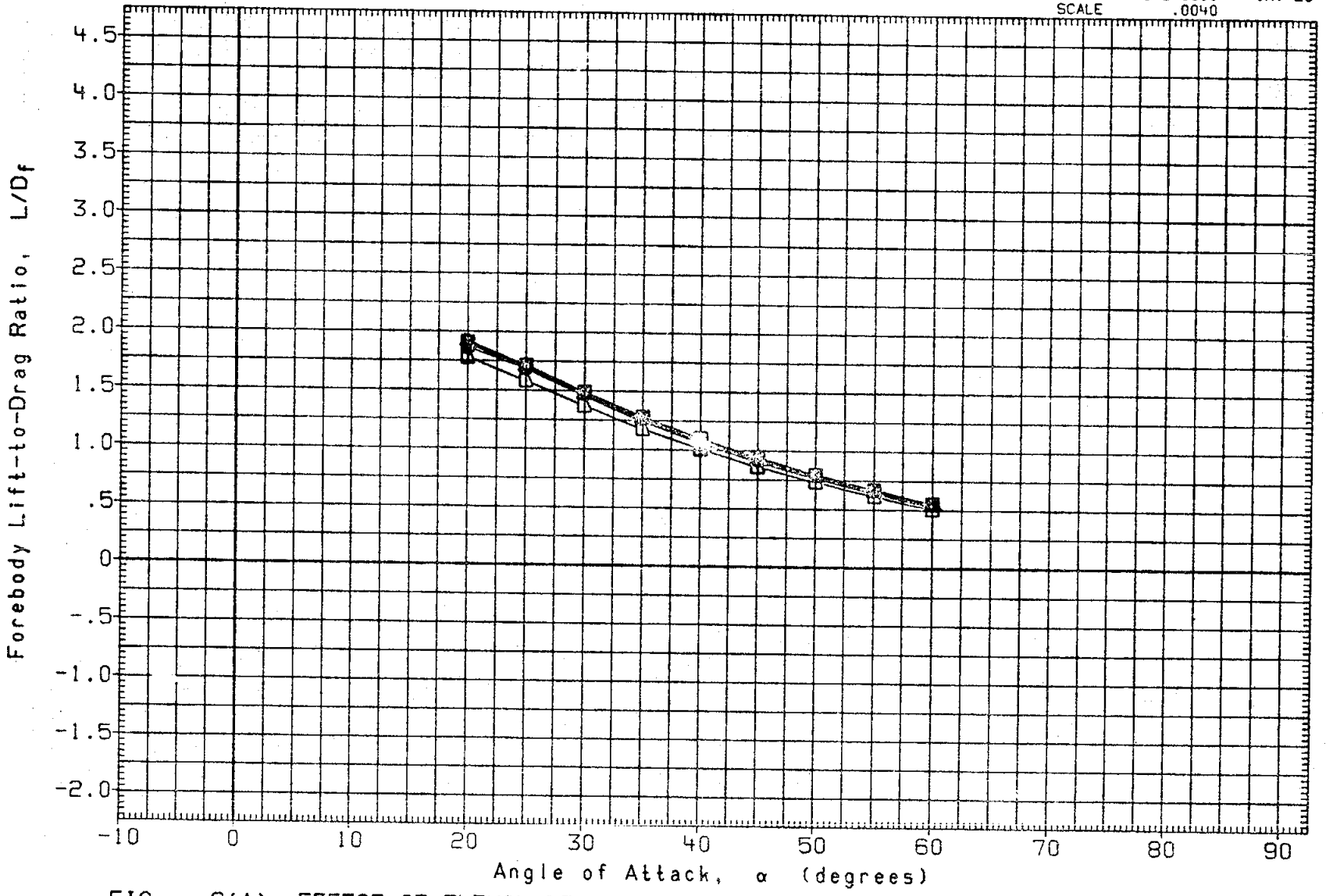

FIG. 6(A) EFFECT OF ELEVON DEFLECTION (AILERON = 0)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

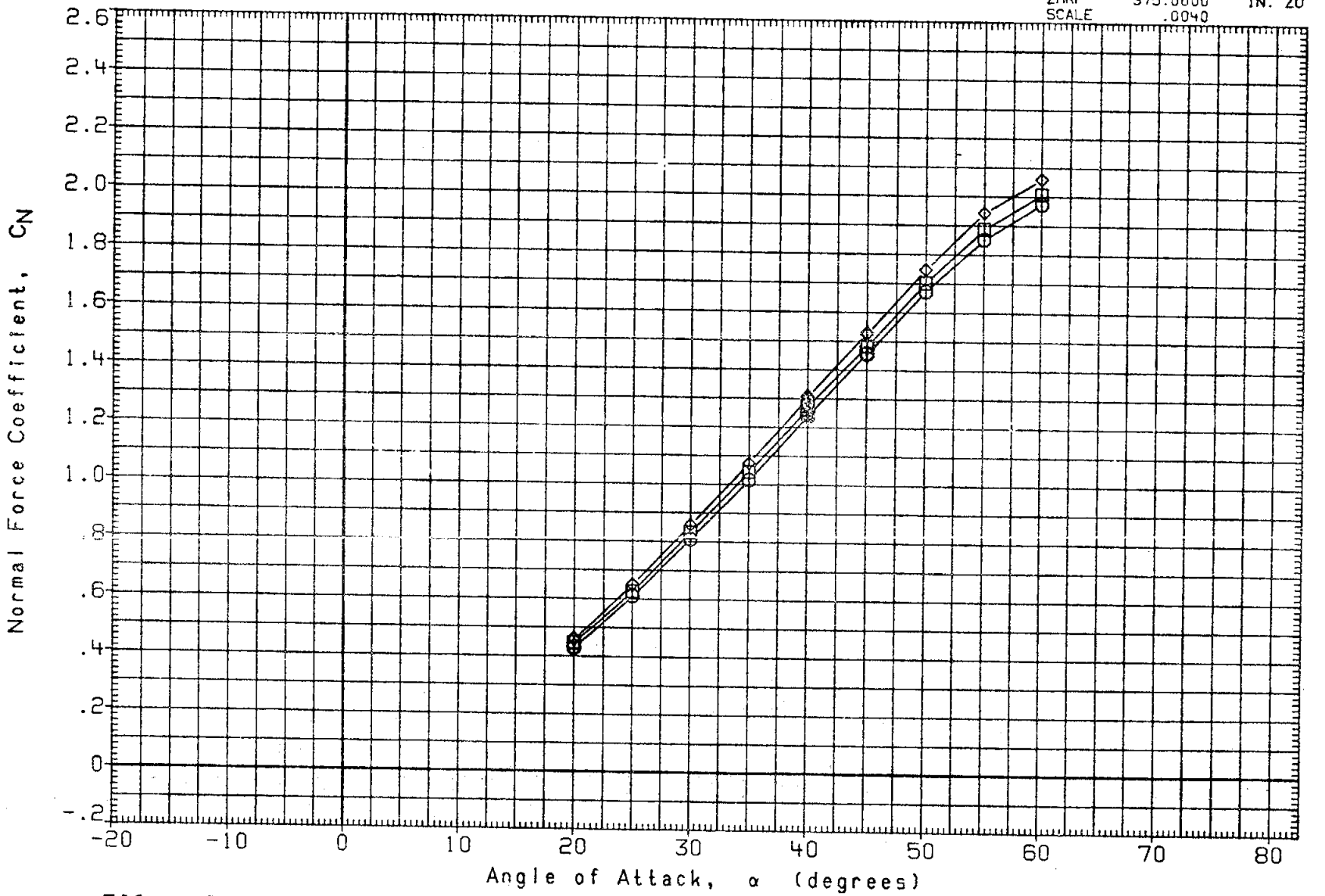

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

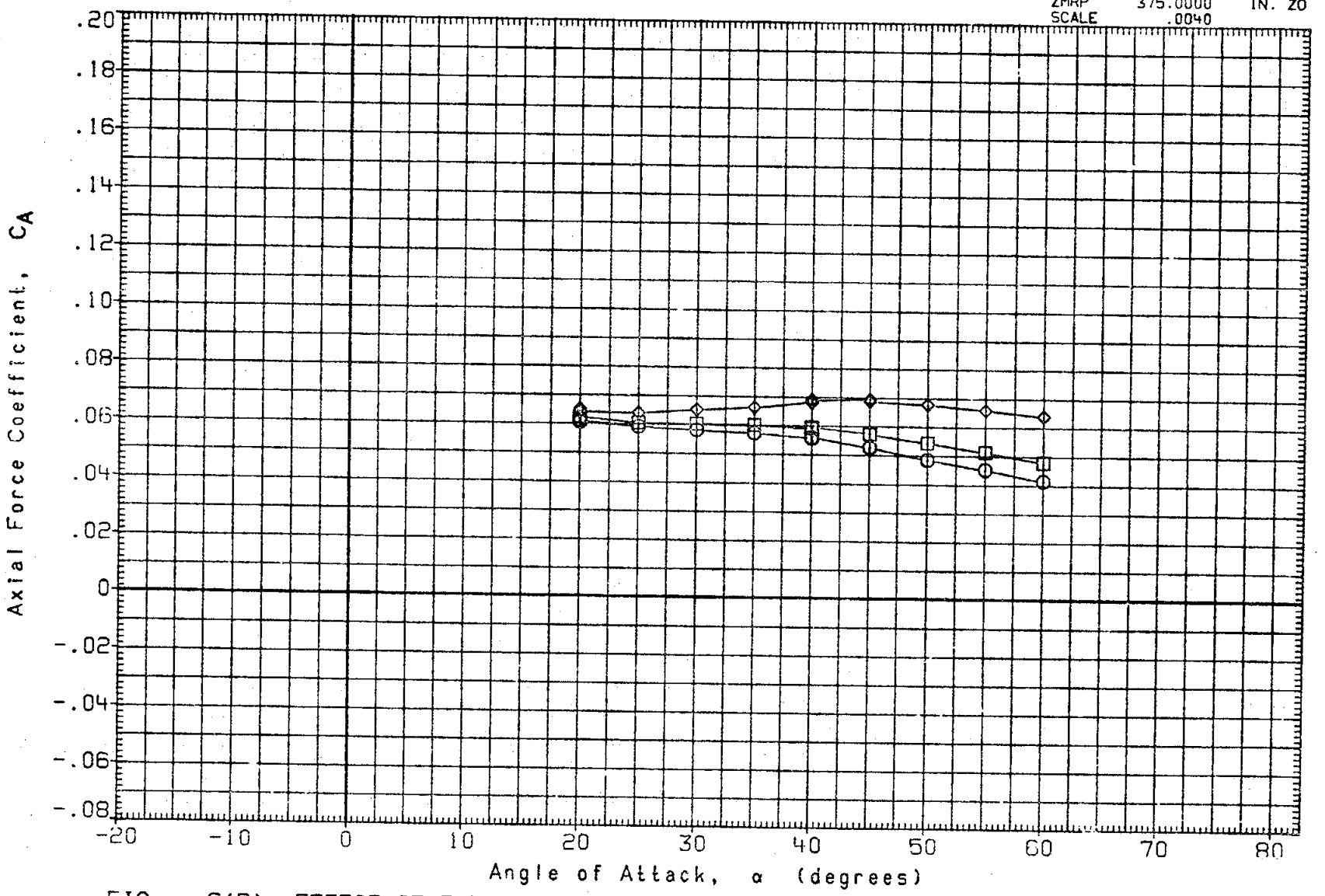

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

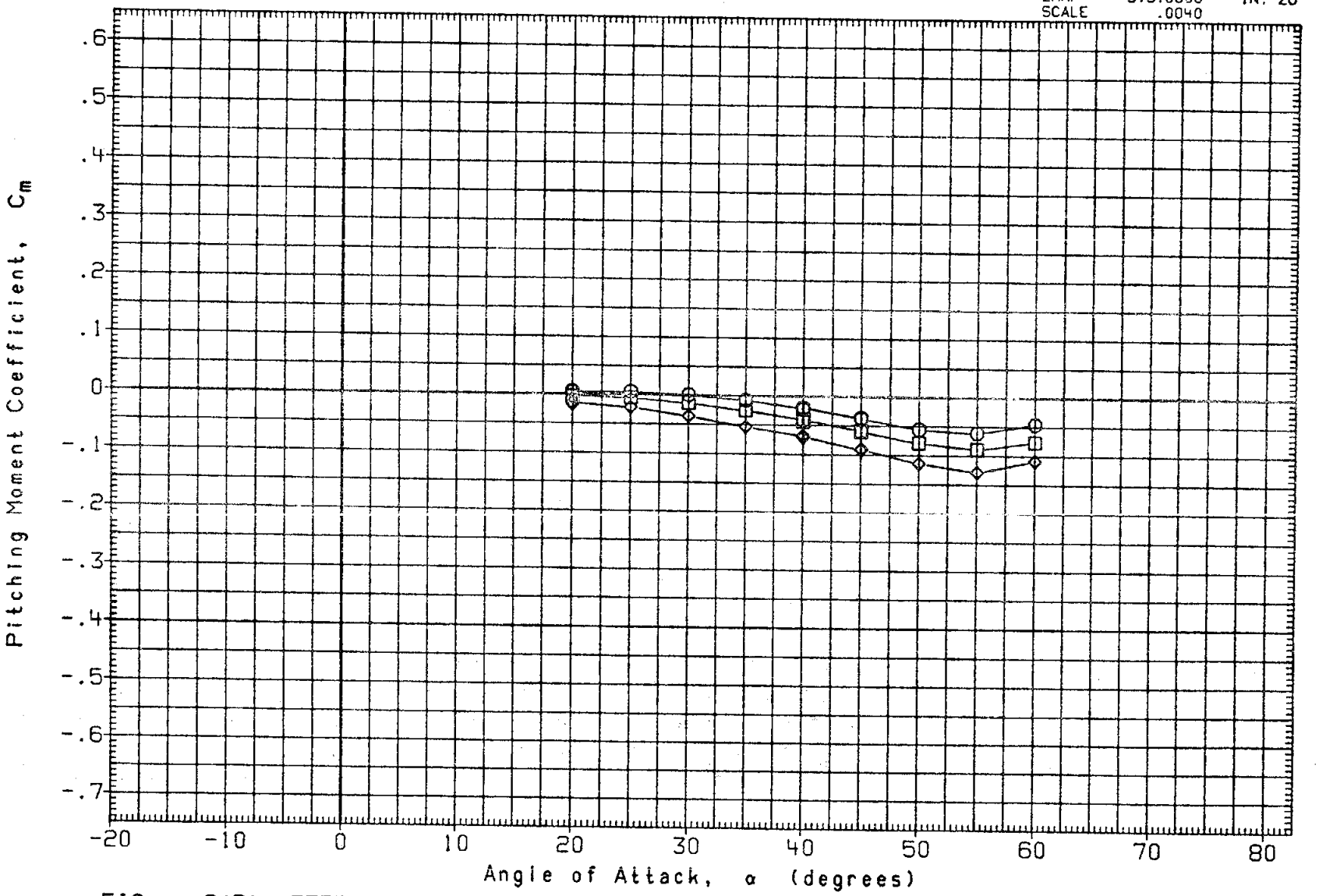

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

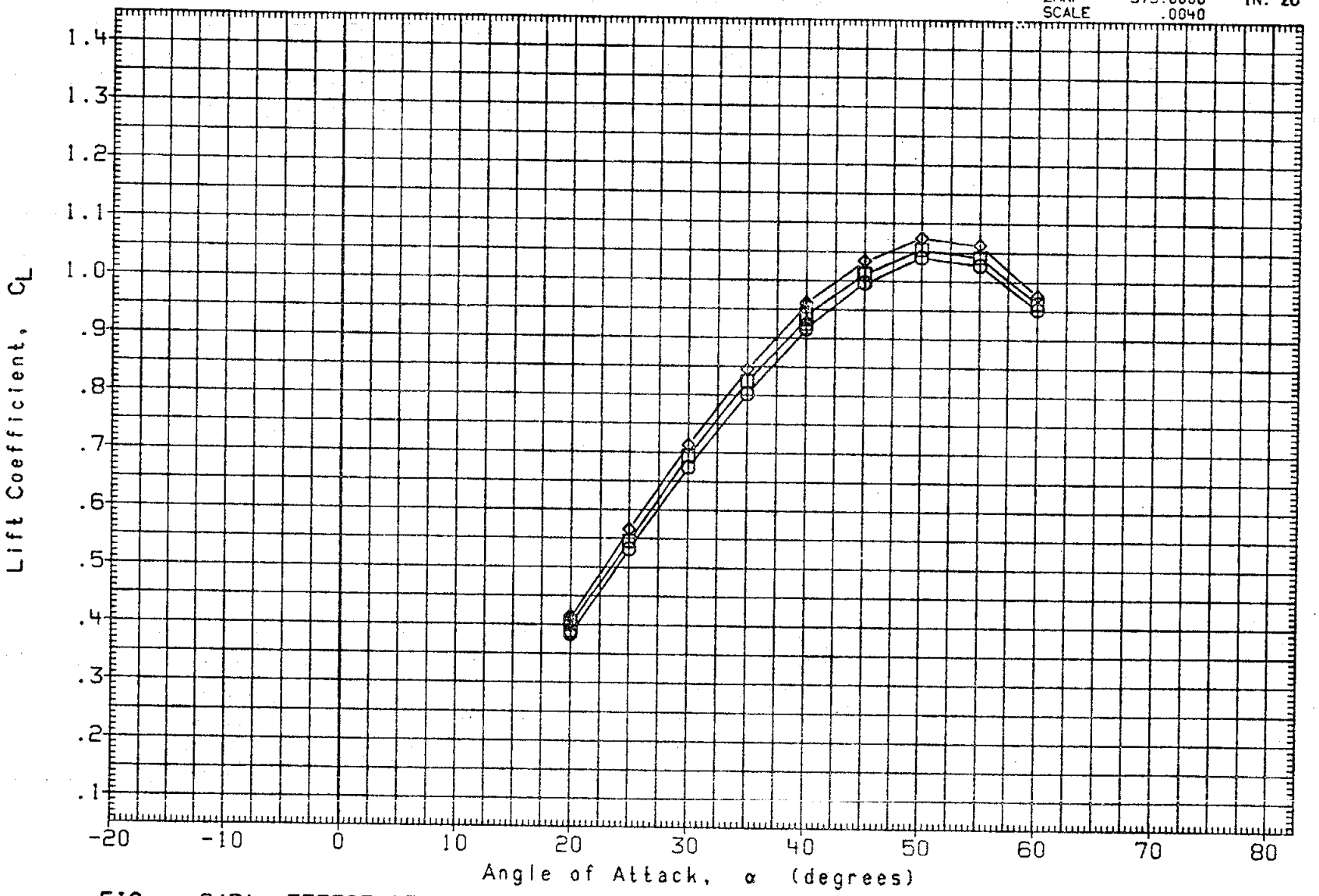

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

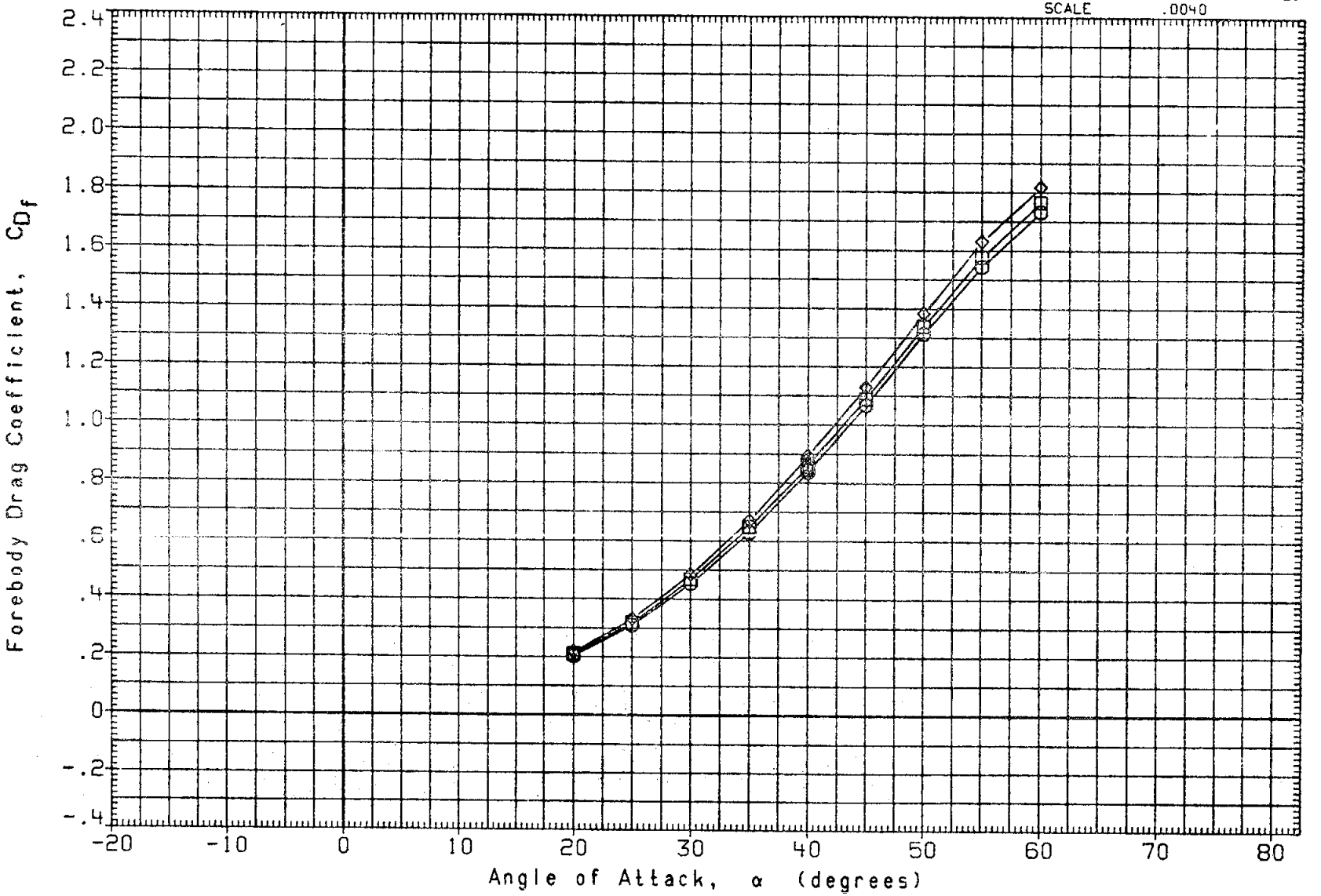

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

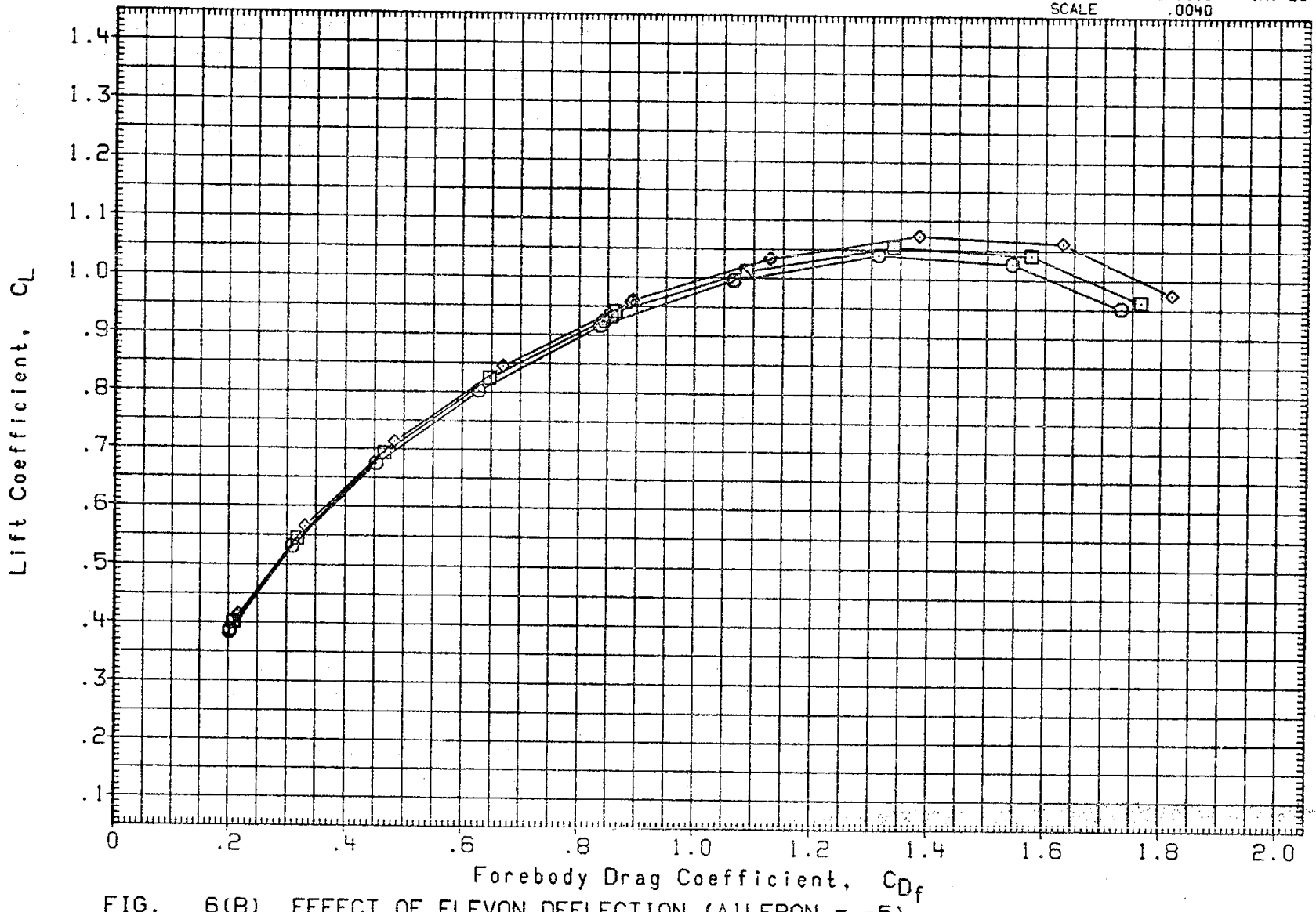

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

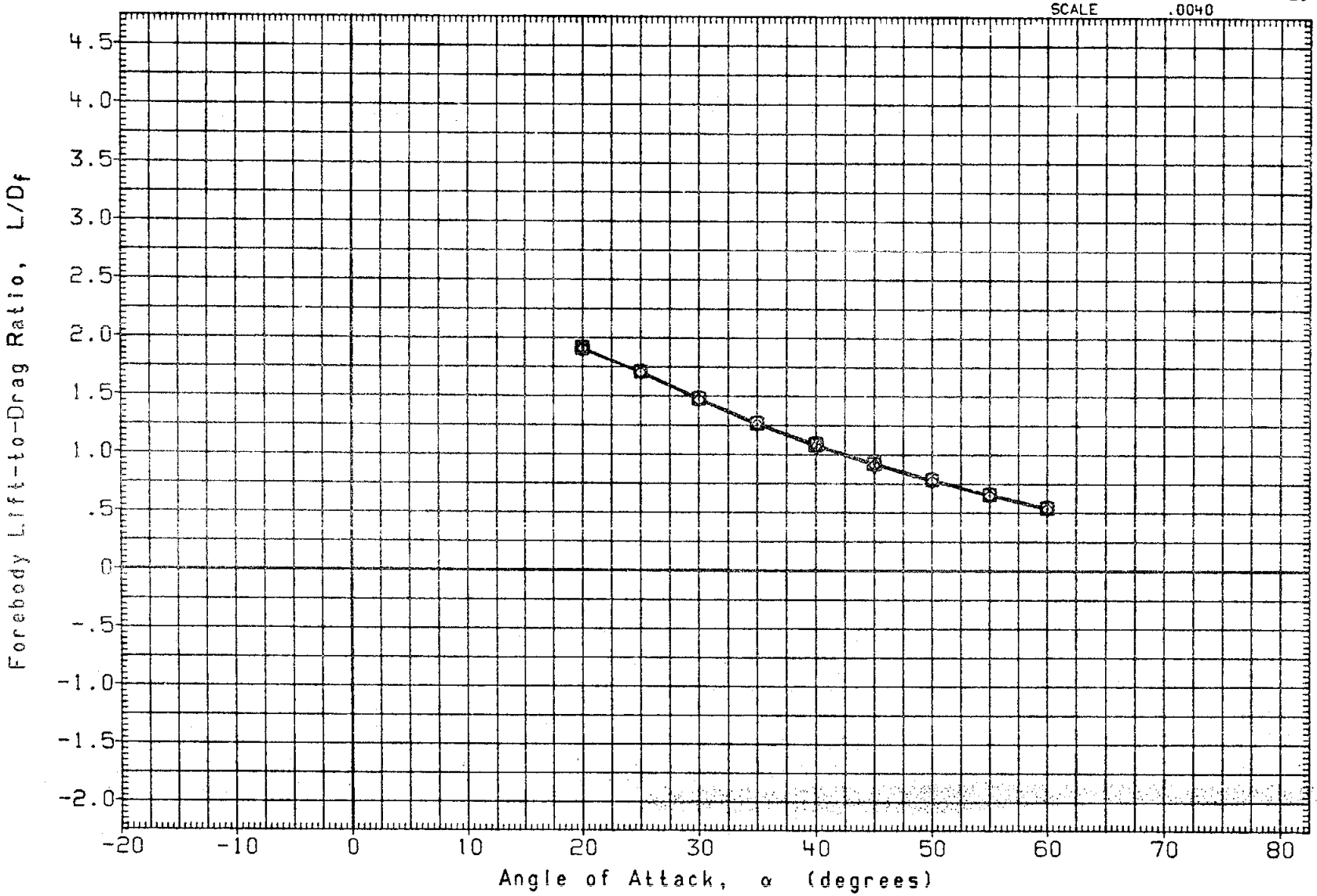

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

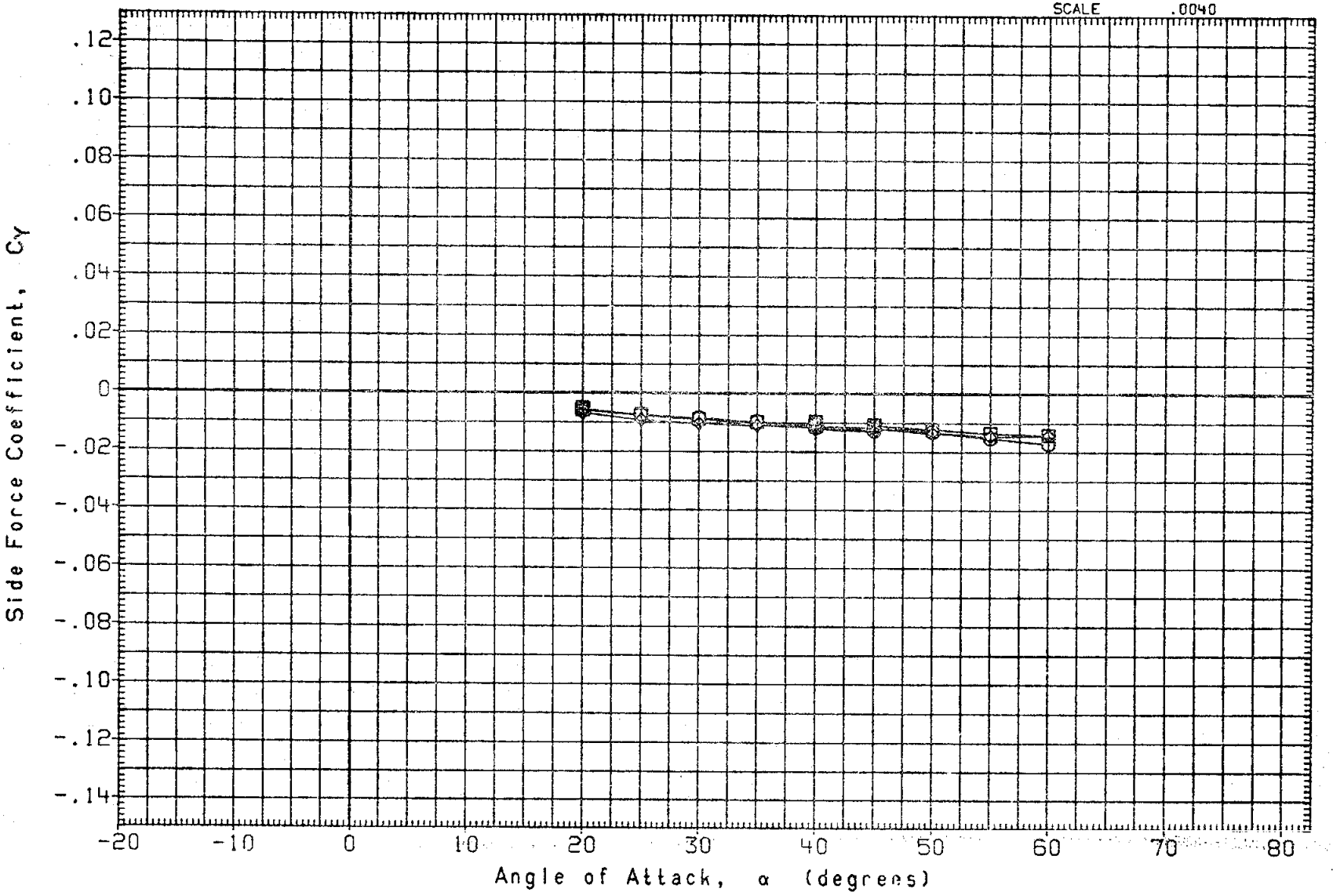

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

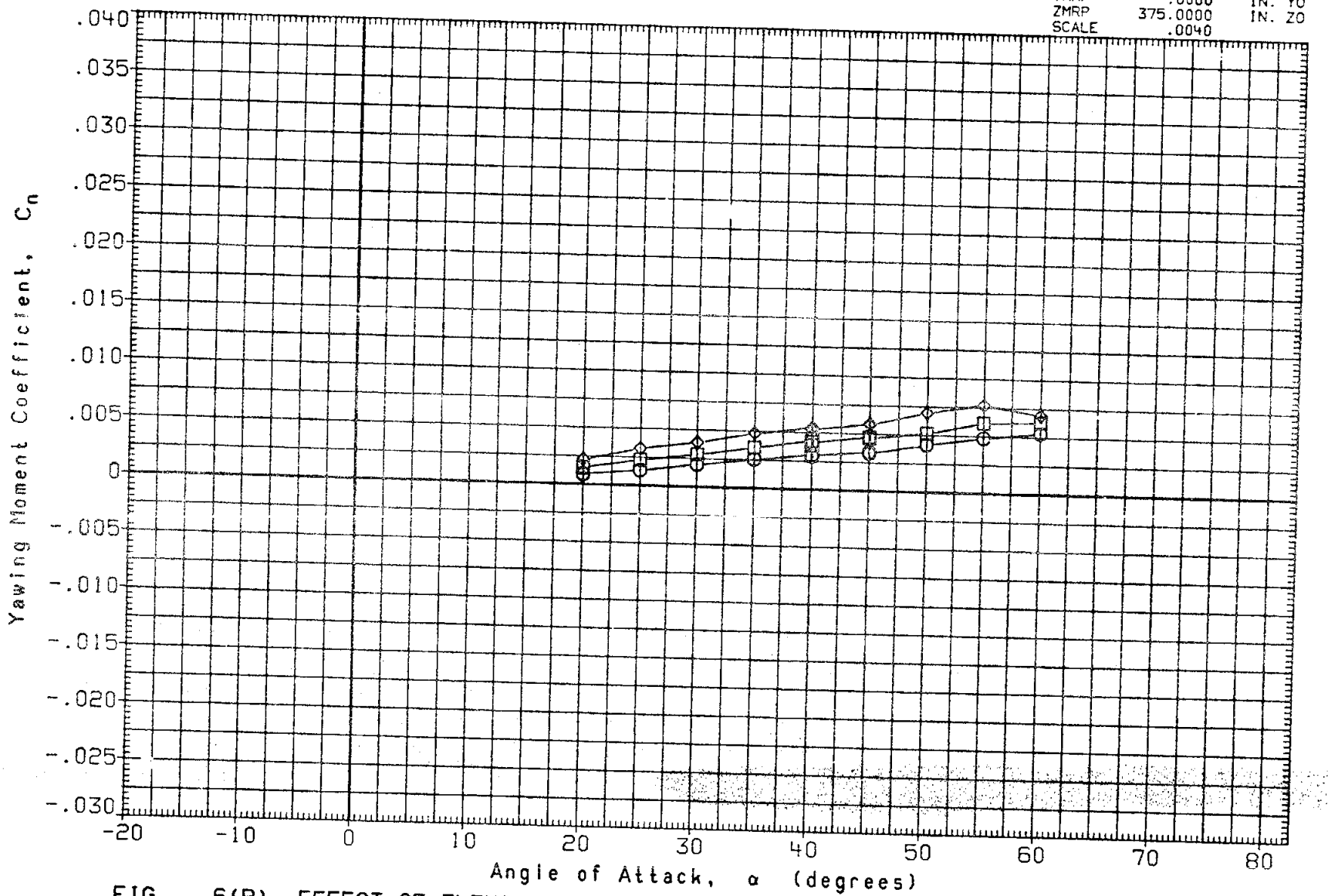

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

DATA SET	SYMBOL	CONFIGURATION	ELEVON	AILRON	SPDBRK	RUDDER
RKZ027	○	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	-5.000	-5.000	25.000	2.400
RKZ026	□	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	-5.000	25.000	2.400
RKZ025	◇	LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	5.000	-5.000	25.000	2.400

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

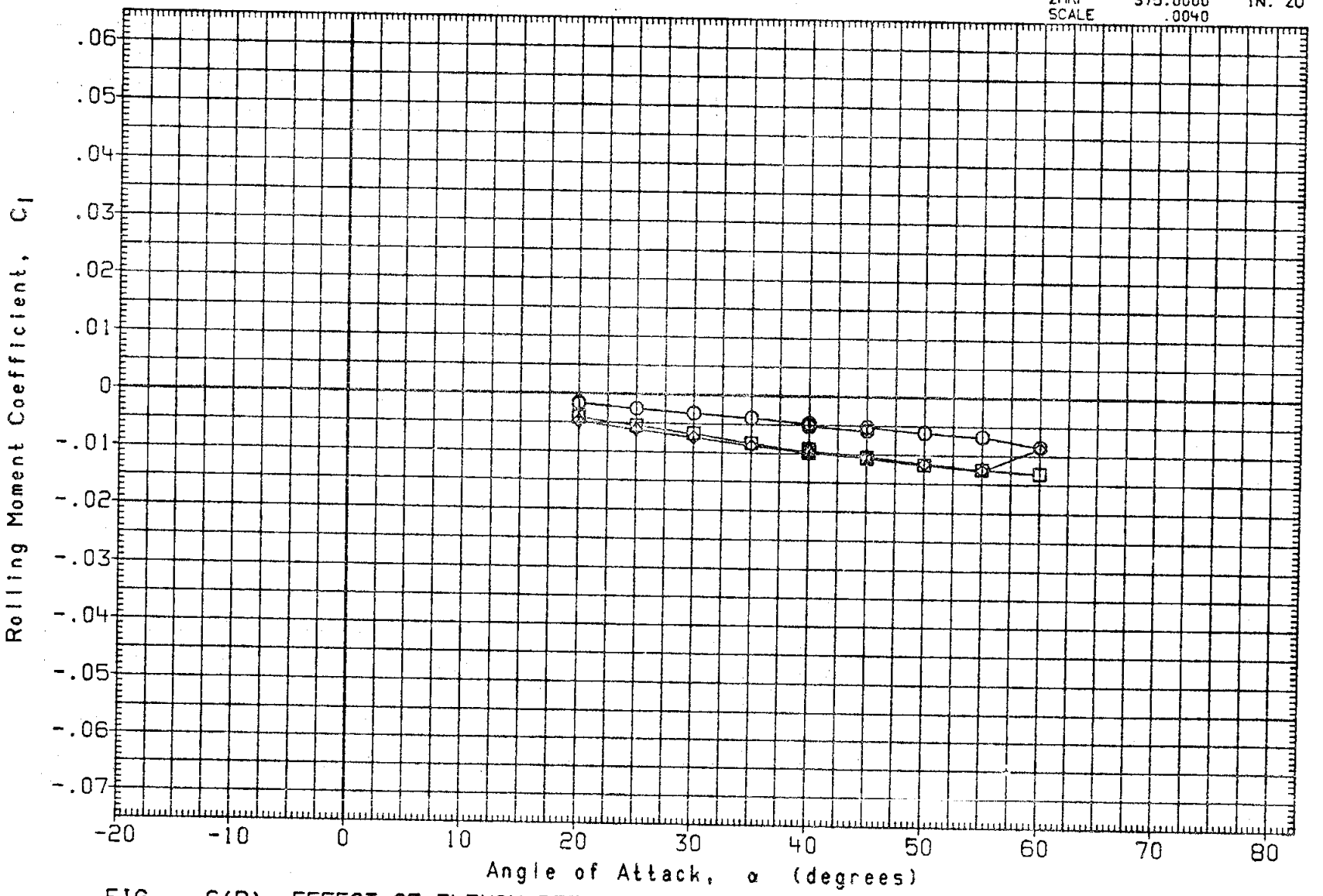

FIG. 6(B) EFFECT OF ELEVON DEFLECTION (AILERON = -5)
MACH = 6.0, BODY FLAP = PHI = 0

(A)BETA = .00

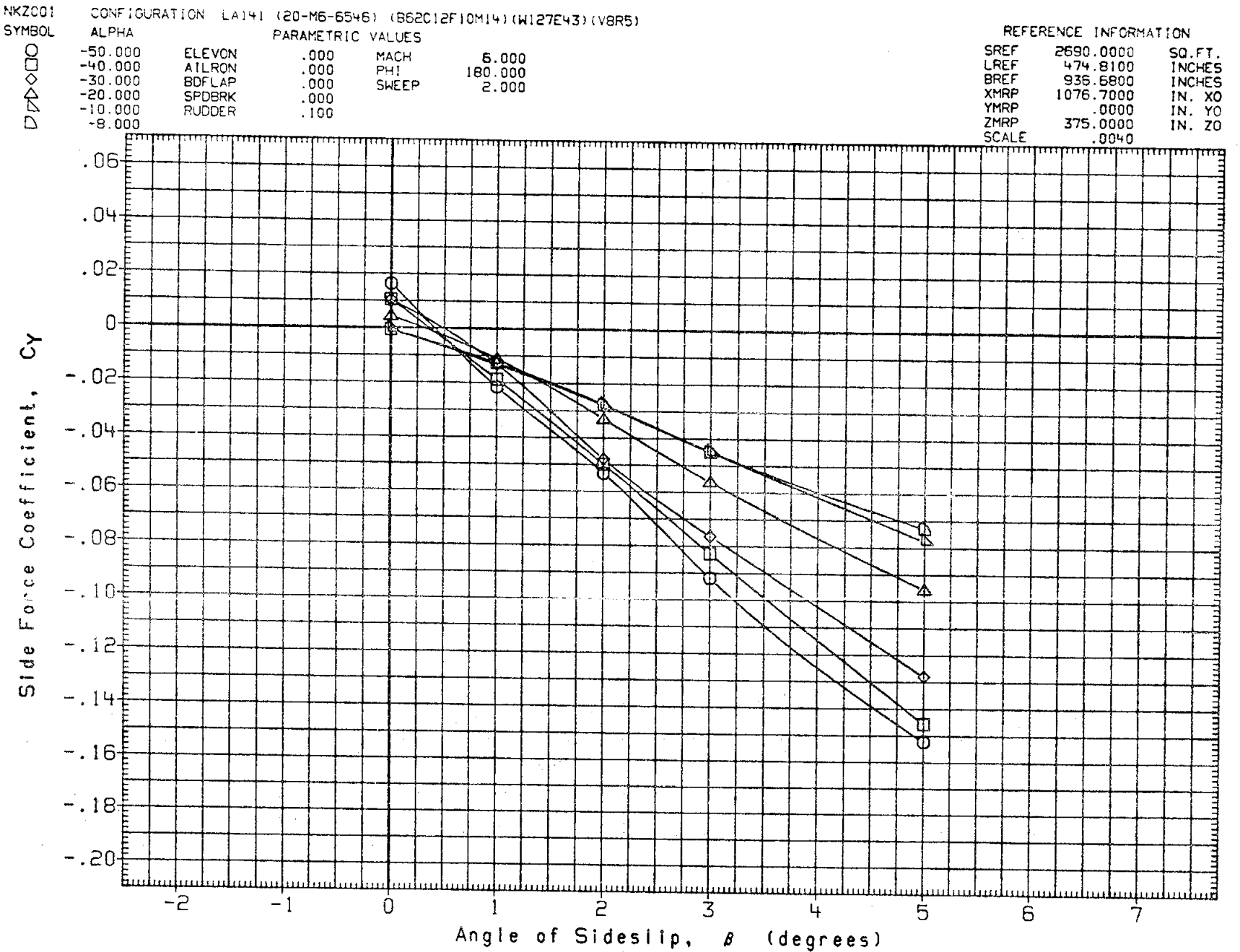

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

NKZ001 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-6.000	ELEVON	.000	MACH	6.000
□	-4.000	AILRON	.000	PHI	180.000
◇	-2.000	BDFLAP	.000	SWEEP	2.000
△	.000	SPDBRK	.000		
		RUDDER	.100		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

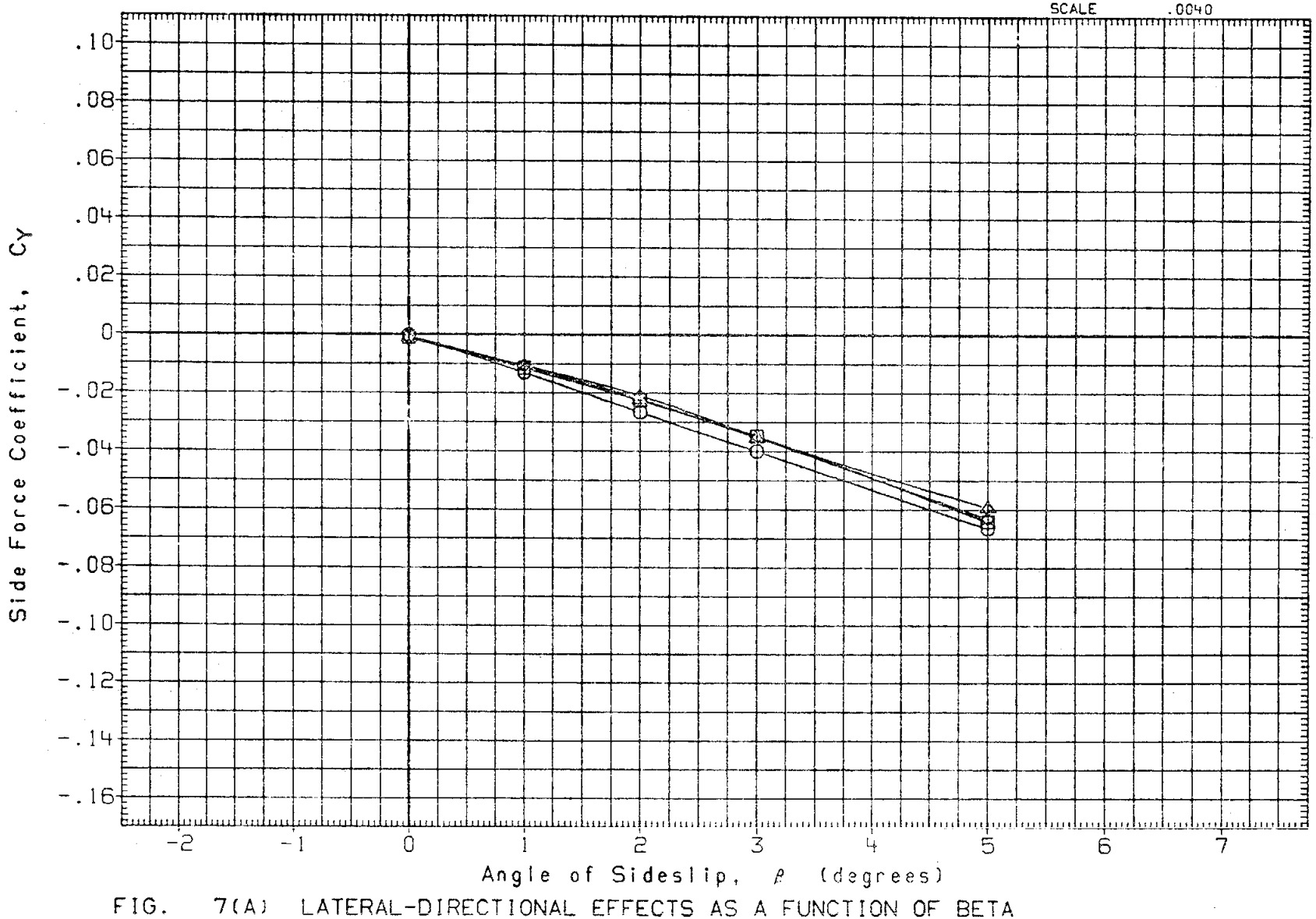

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

NKZ001 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-50.000	ELEVON	.000	MACH	6.000
□	-40.000	AILRON	.000	PHI	180.000
◇	-30.000	BDFLAP	.000	SWEEP	2.000
△	-20.000	SPDBRK	.000		
▷	-10.000	RUDDER	.100		
▽	-8.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

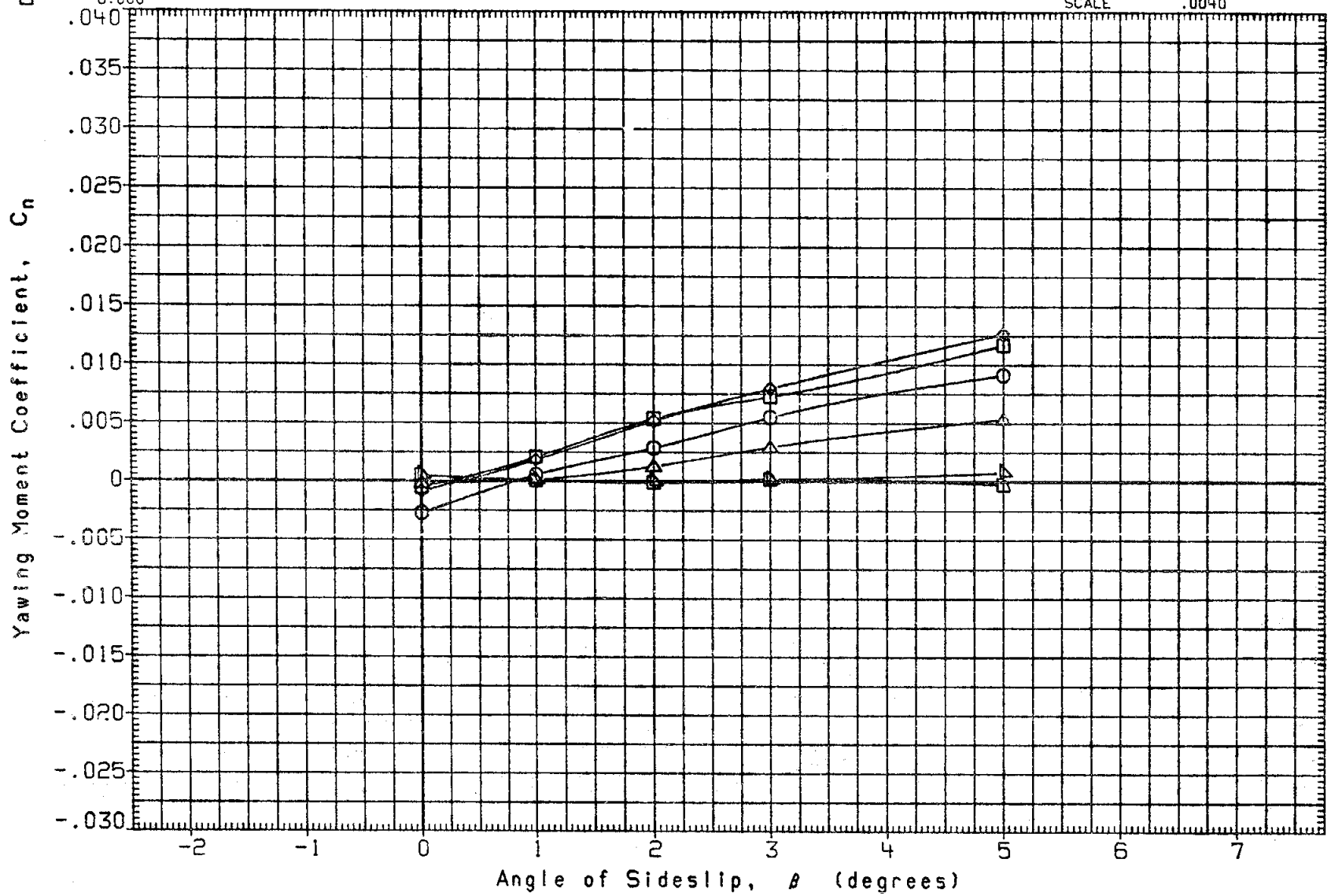

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

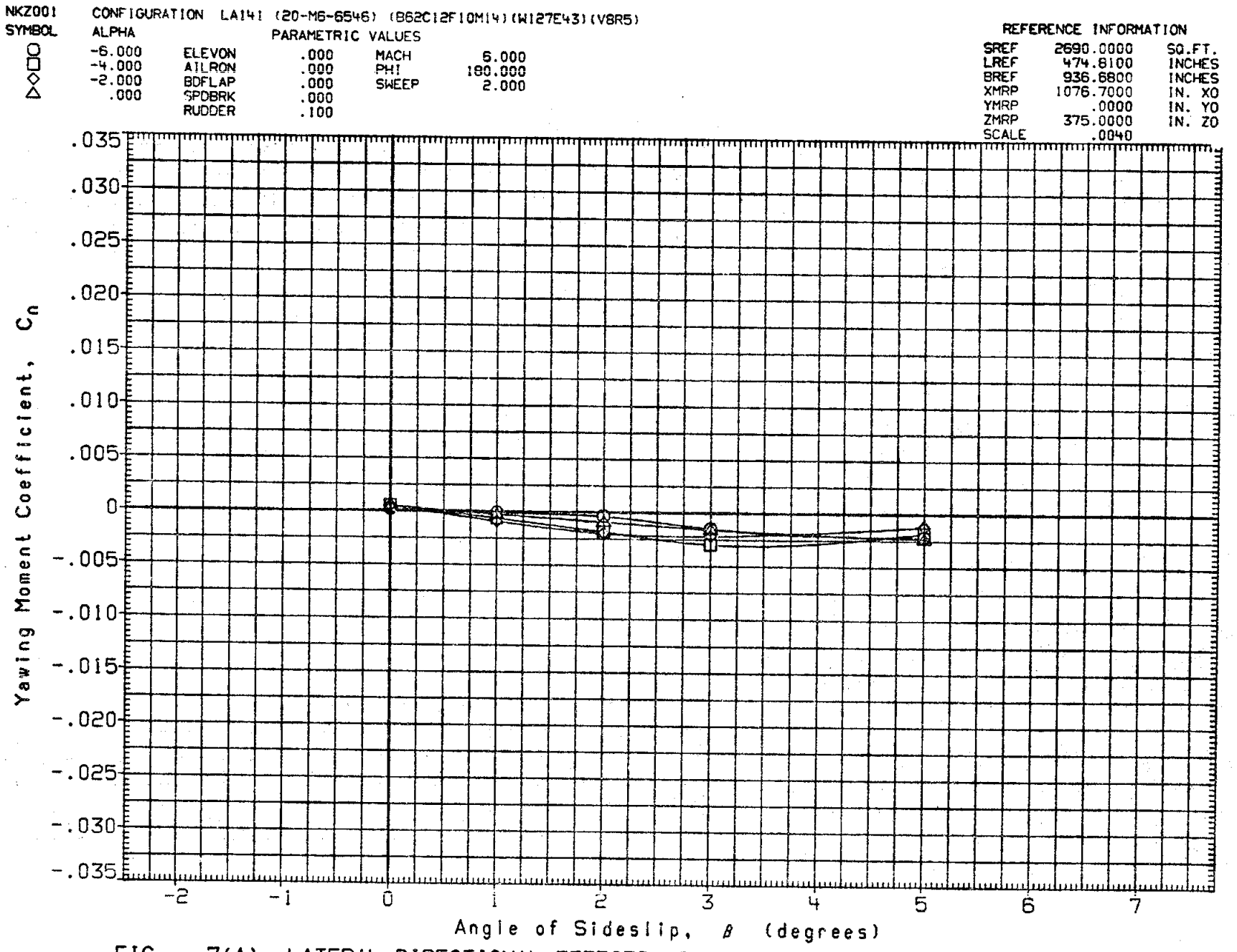

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

NKZ001 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-50.000	ELEVON	.000	MACH	6.000
□	-40.000	AILRON	.000	PHI	180.000
◇	-30.000	BDFLAP	.000	SWEEP	2.000
△	-20.000	SPDBRK	.000		
◸	-10.000	RUDDER	.100		
◸	-8.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

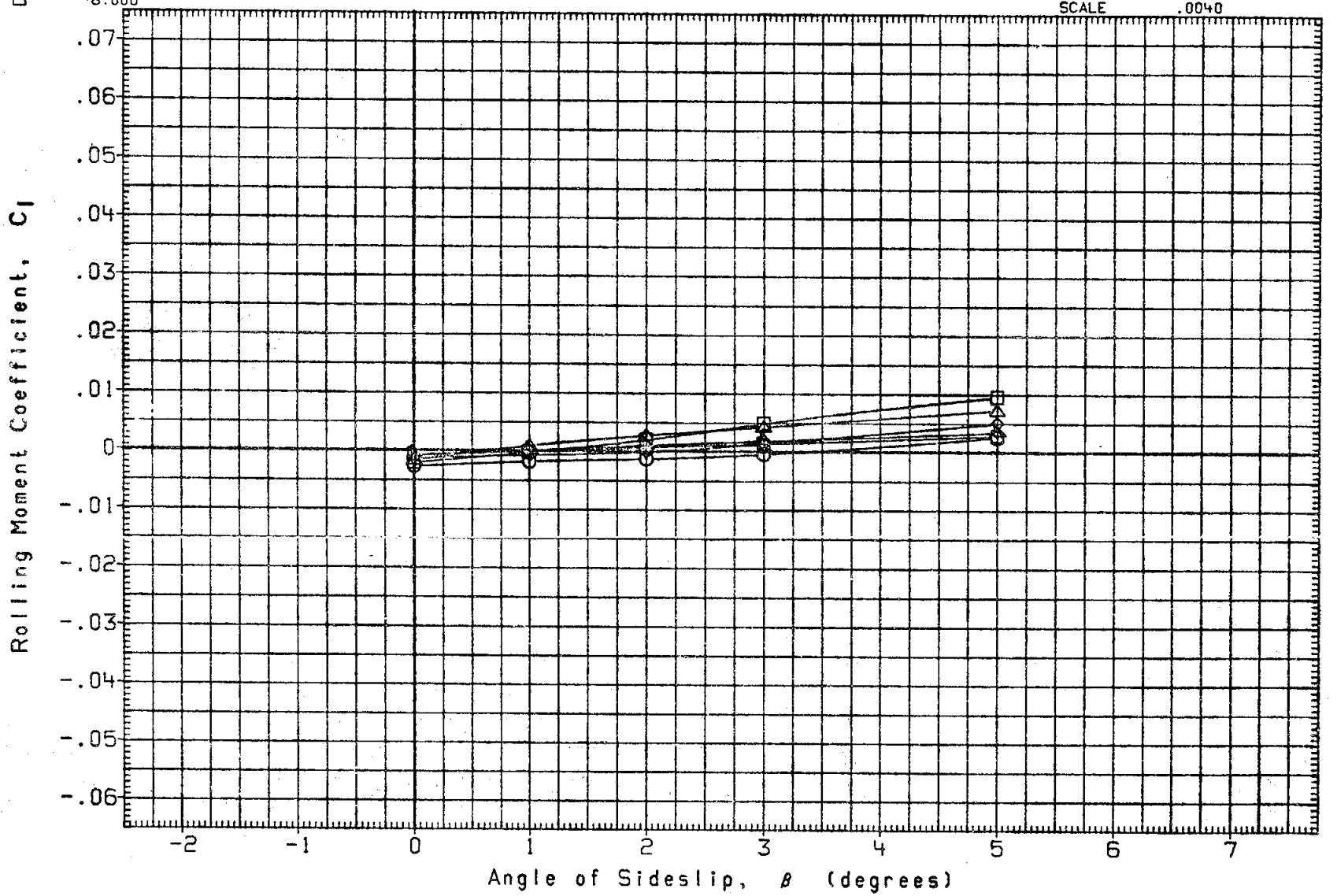

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

NKZ001 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-6.000	ELEVON	.000	MACH	6.000
□	-4.000	AILRON	.000	PHI	180.000
◇	-2.000	BDFLAP	.000	SWEEP	2.000
△	.000	SPDBRK	.000		
		RUDDER	.100		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

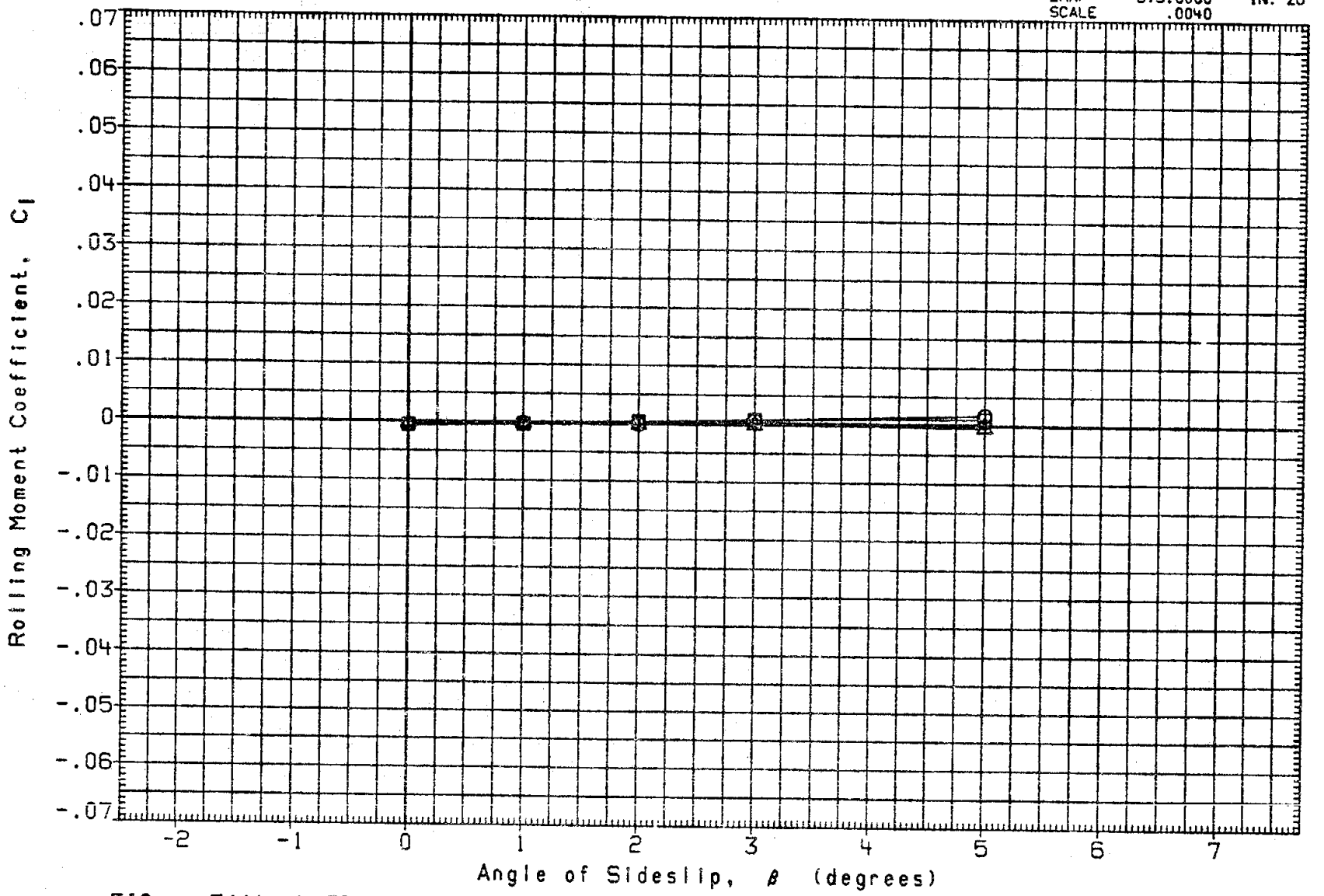

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

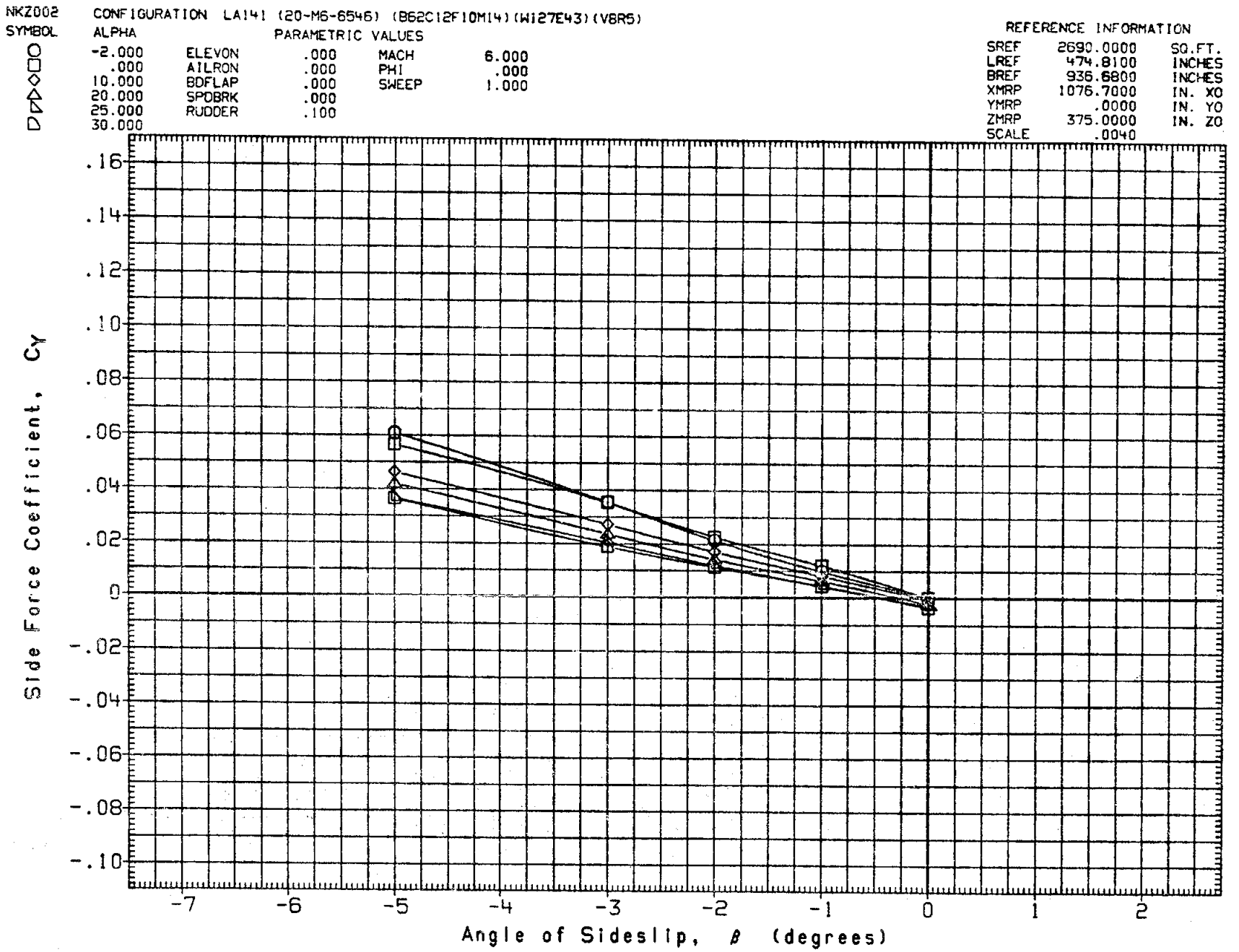

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

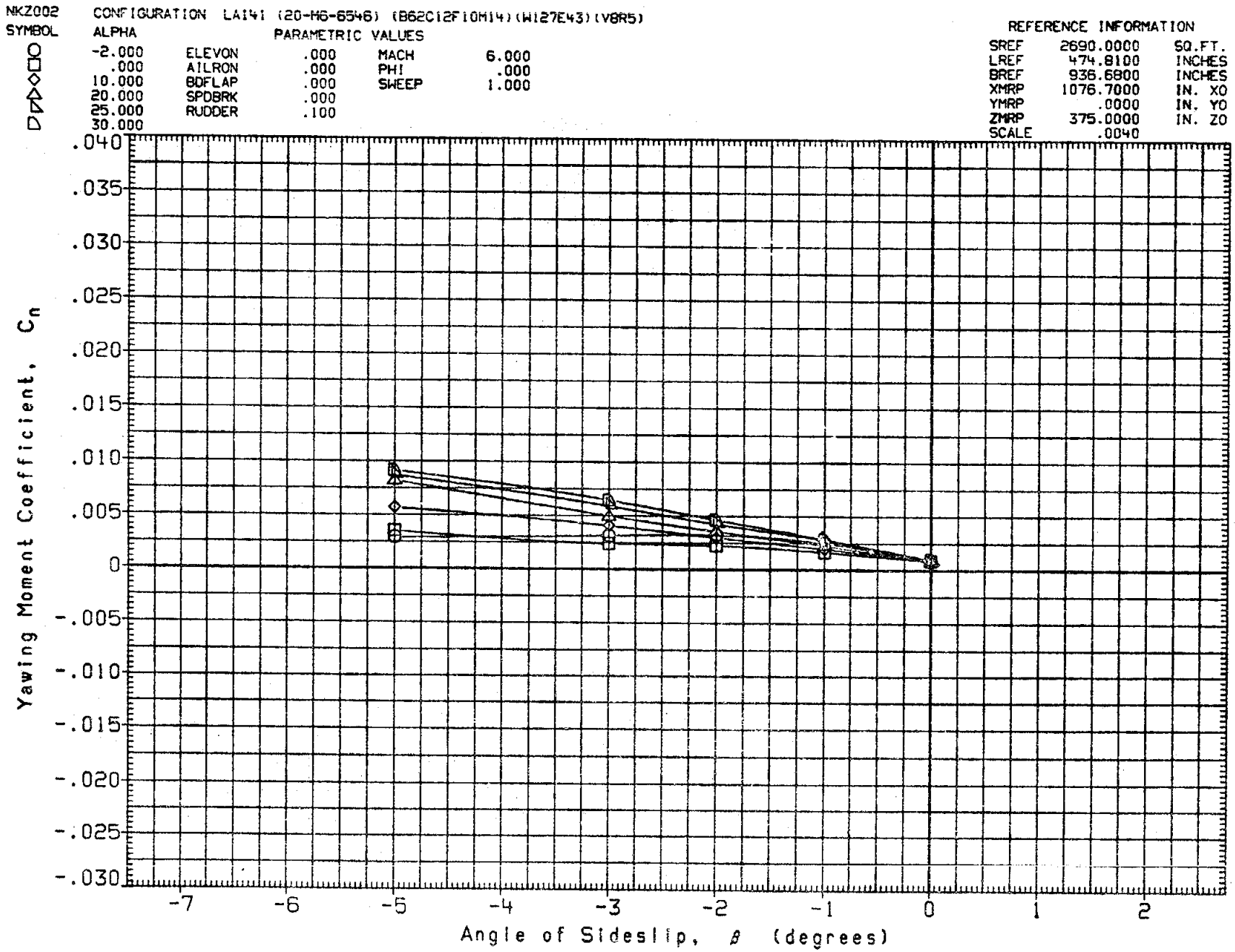

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

NKZ002 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA
○	-2.000
□	.000
◇	10.000
△	20.000
▽	25.000
D	30.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	.000
BDFLAP	.000	SWEEP	1.000
SPDBRK	.000		
RUDDER	.100		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

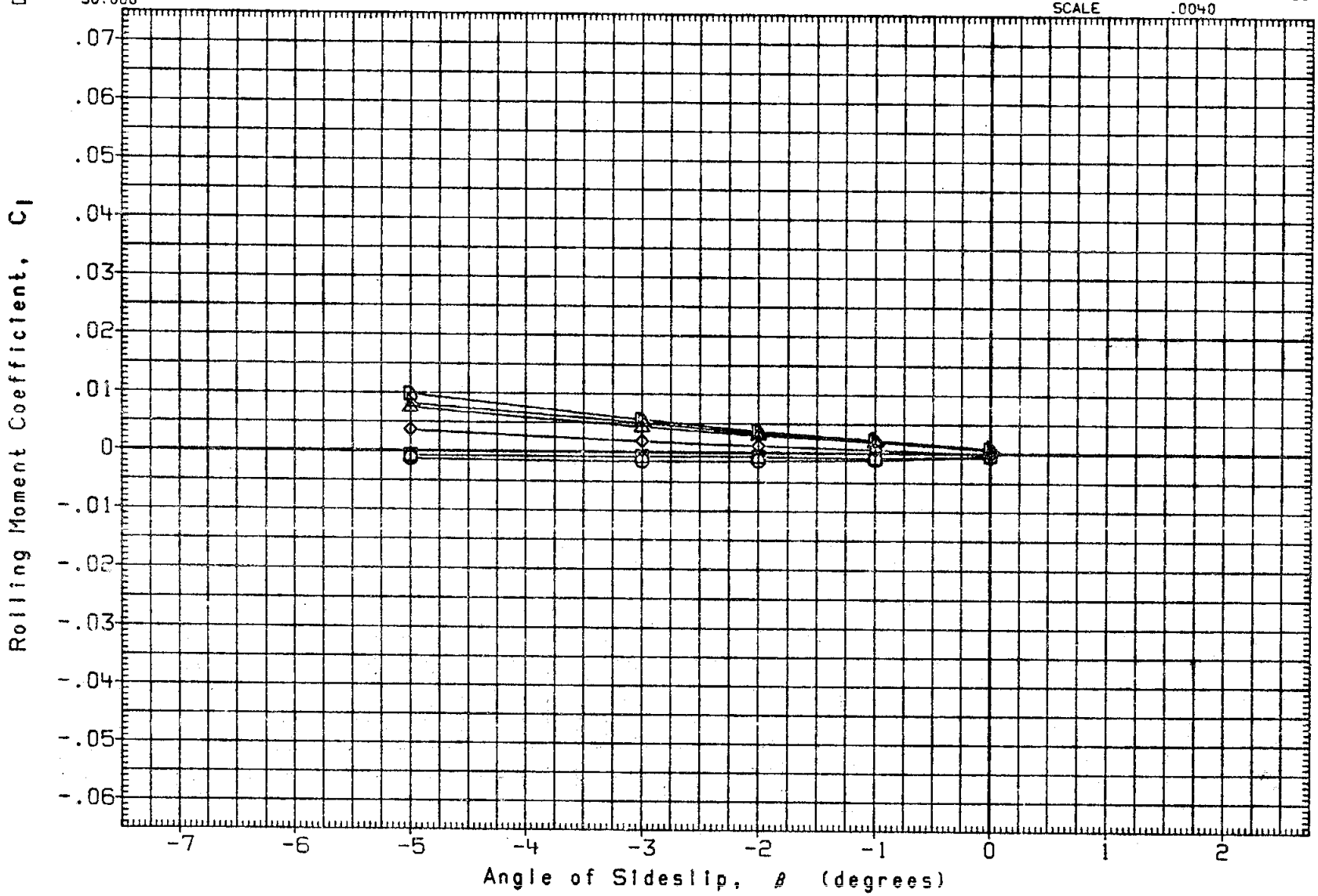

FIG. 7(A) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 0.0

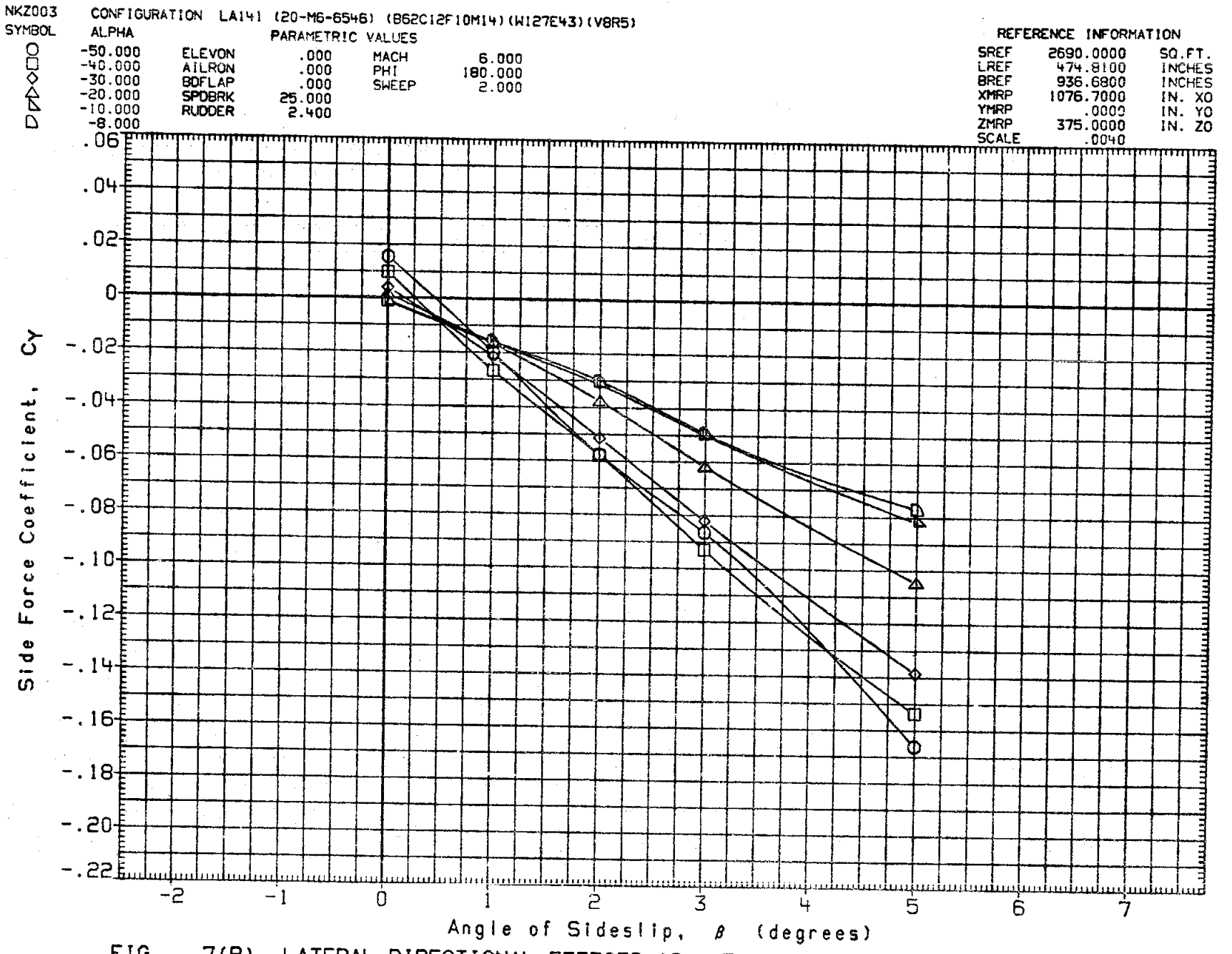

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ003 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-6.000	ELEVON	.000	MACH	6.000
□	-4.000	AILRON	.000	PHI	180.000
◇	-2.000	BDFLAP	.000	SWEEP	2.000
△	.000	SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

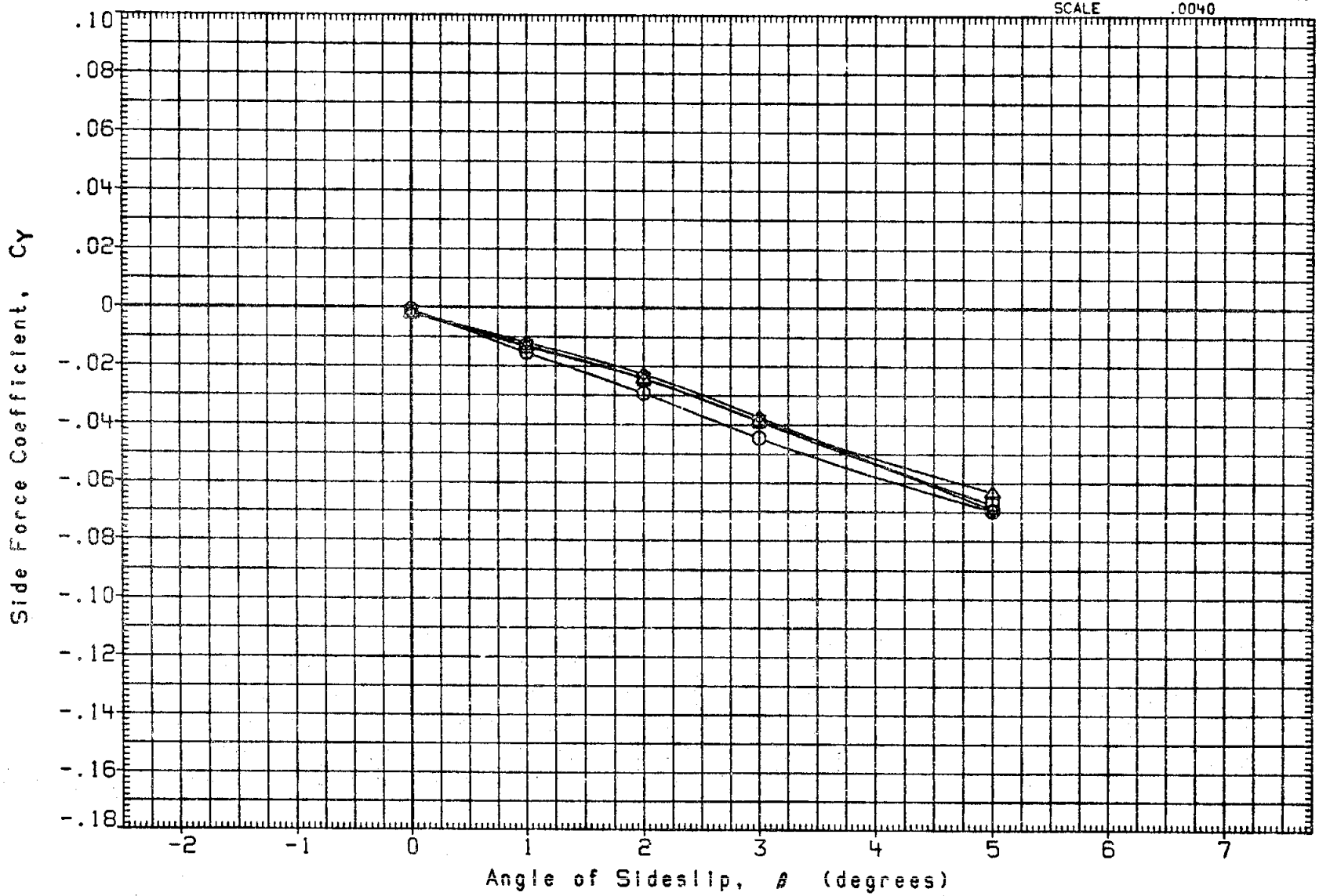

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ003 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-50.000	ELEVON	.000	MACH	6.000
□	-40.000	AILRON	.000	PHI	180.000
◇	-30.000	BDFLAP	.000	SWEEP	2.000
△	-20.000	SPDBRK	25.000		
▷	-10.000	RUDDER	2.400		
◁	-8.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

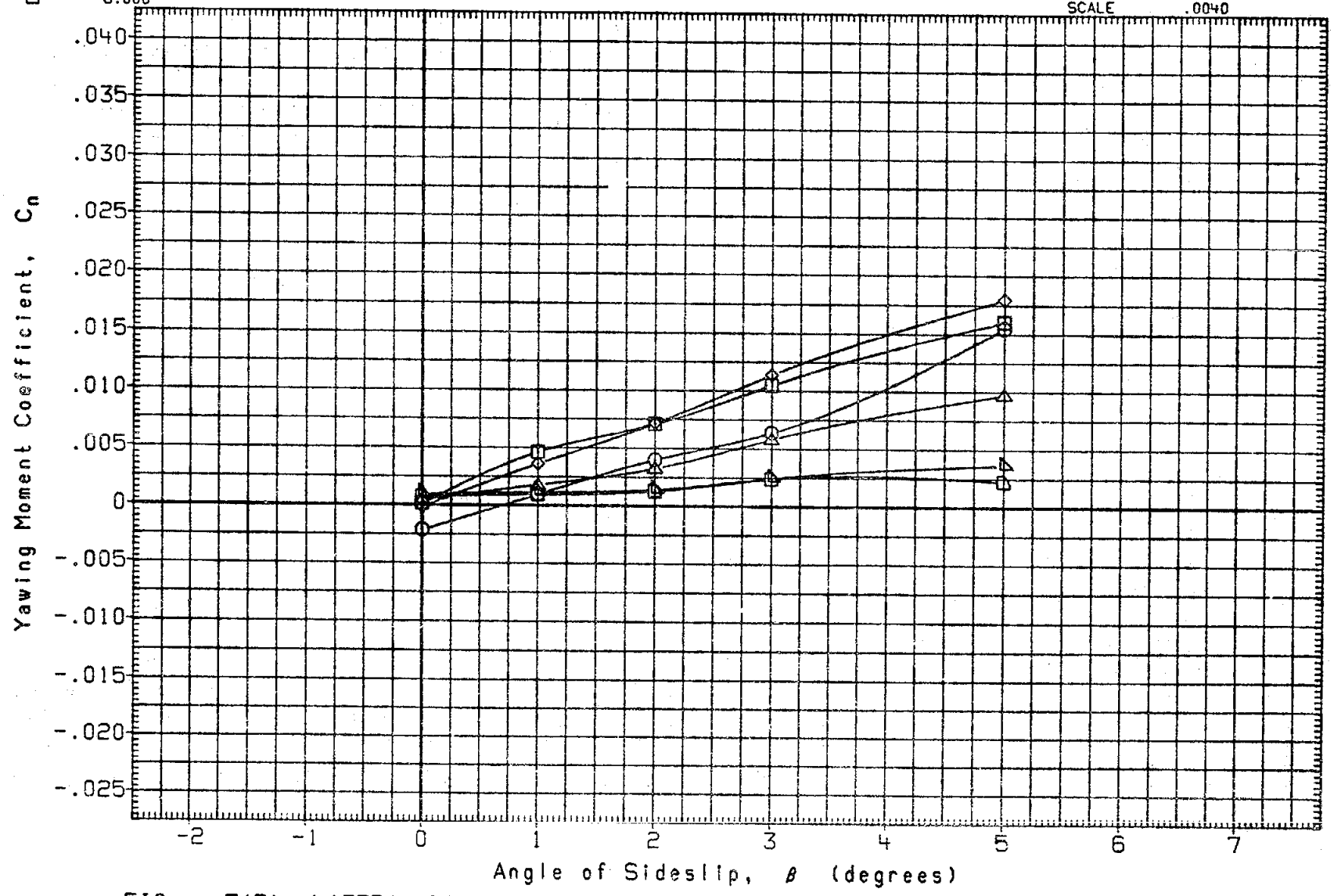

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ003 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-6.000	ELEVON	.000	MACH	6.000
□	-4.000	AILRON	.000	PHI	180.000
◇	-2.000	BDFLAP	.000	SWEEP	2.000
△	.000	SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

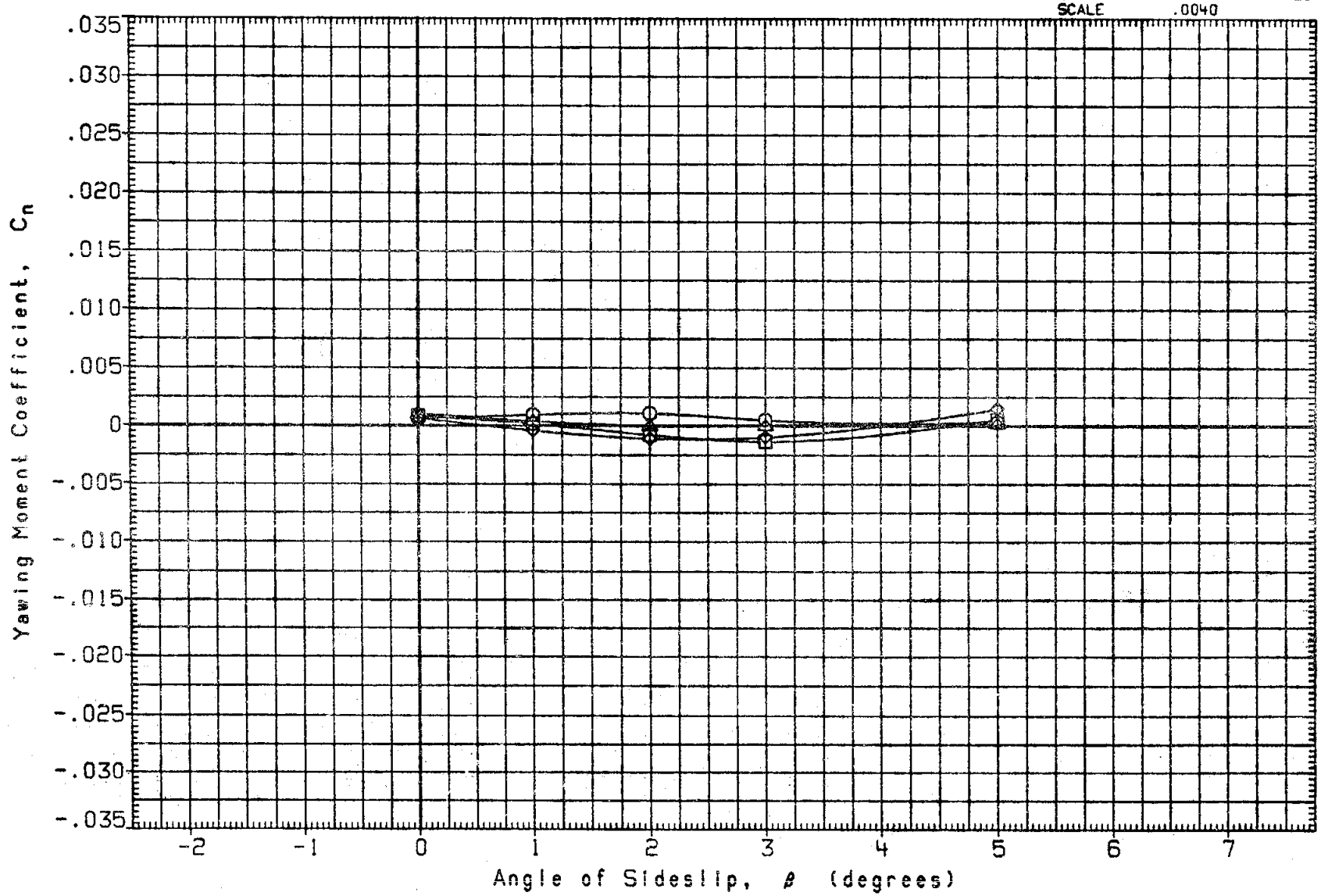

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ003 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA
○	-50.000
□	-40.000
◇	-30.000
△	-20.000
▷	-10.000
▷	-8.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	180.000
BDFLAP	.000	SWEEP	2.000
SPDBRK	25.000		
RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

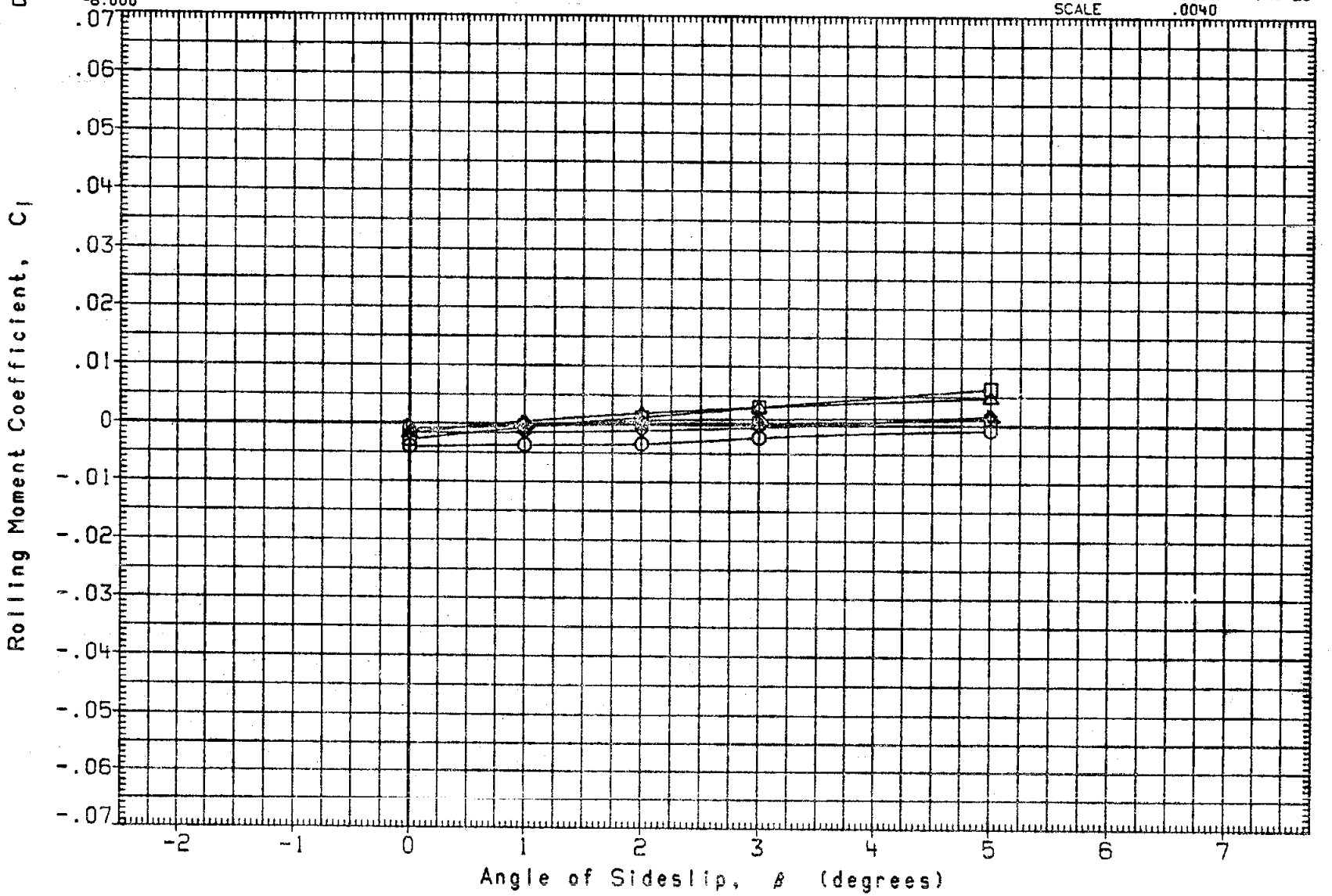

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ003 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-6.000	ELEVON	.000	MACH	6.000
□	-4.000	AILRON	.000	PHI	180.000
◇	-2.000	BDFLAP	.000	SWEEP	2.000
△	.000	SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

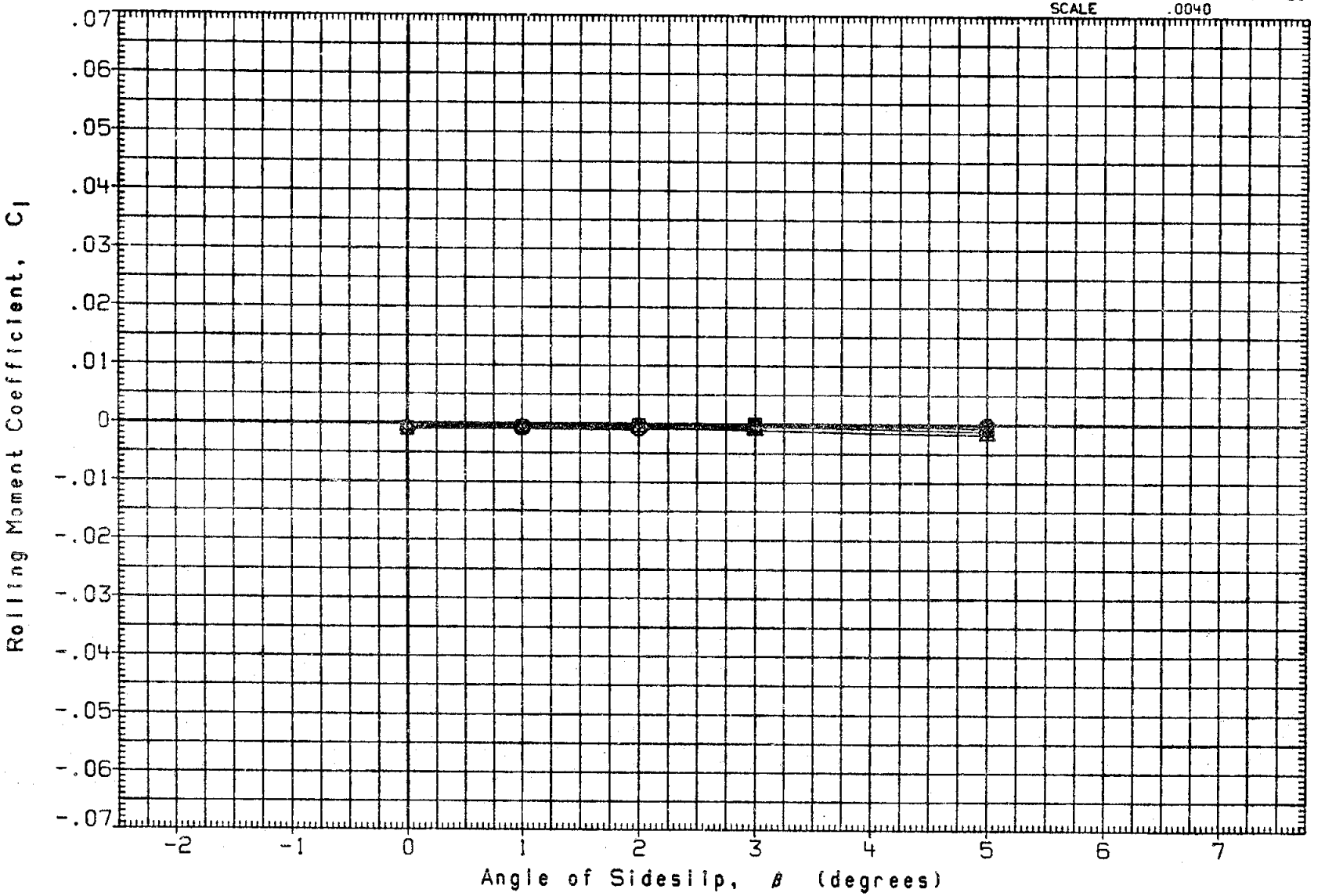

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

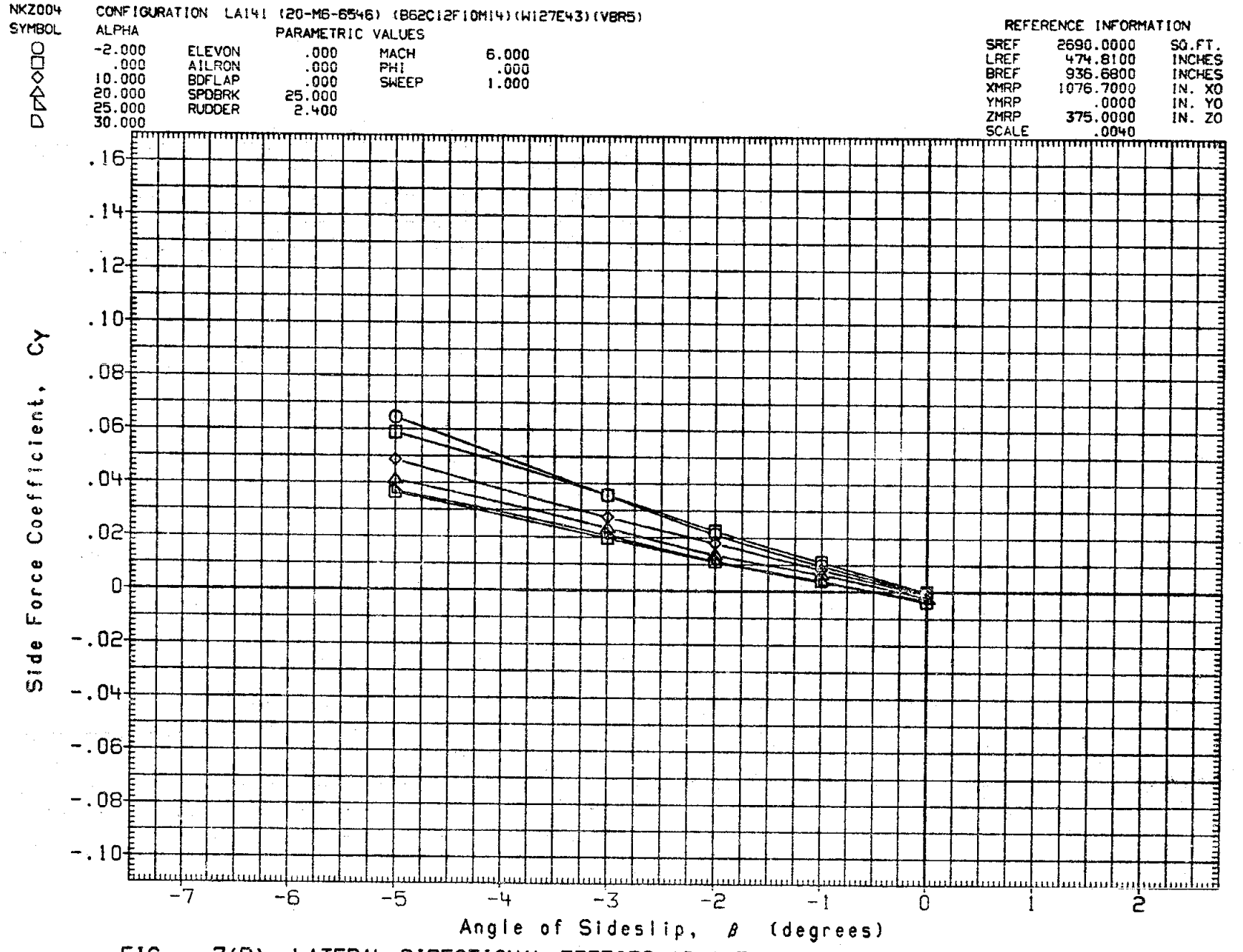

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

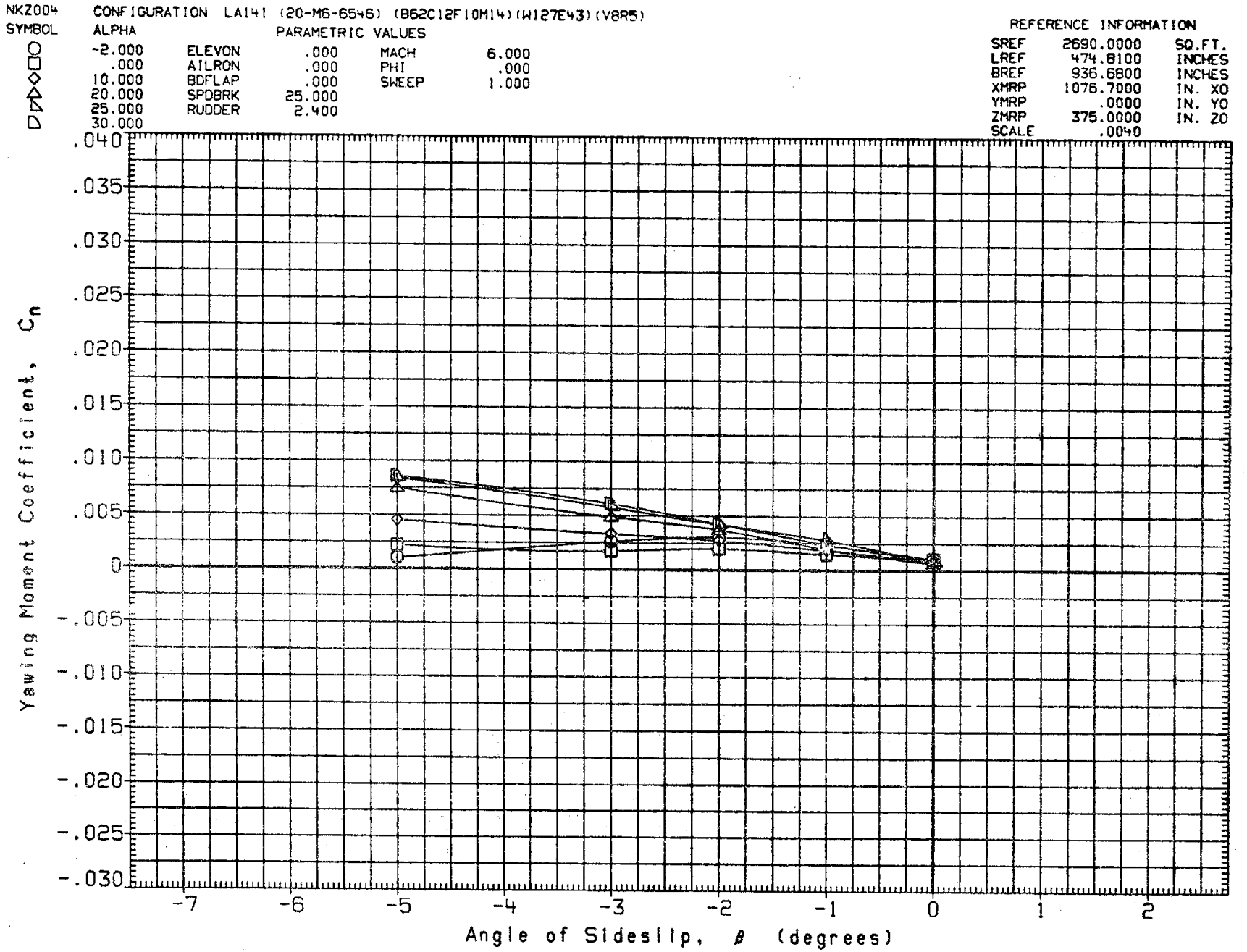

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

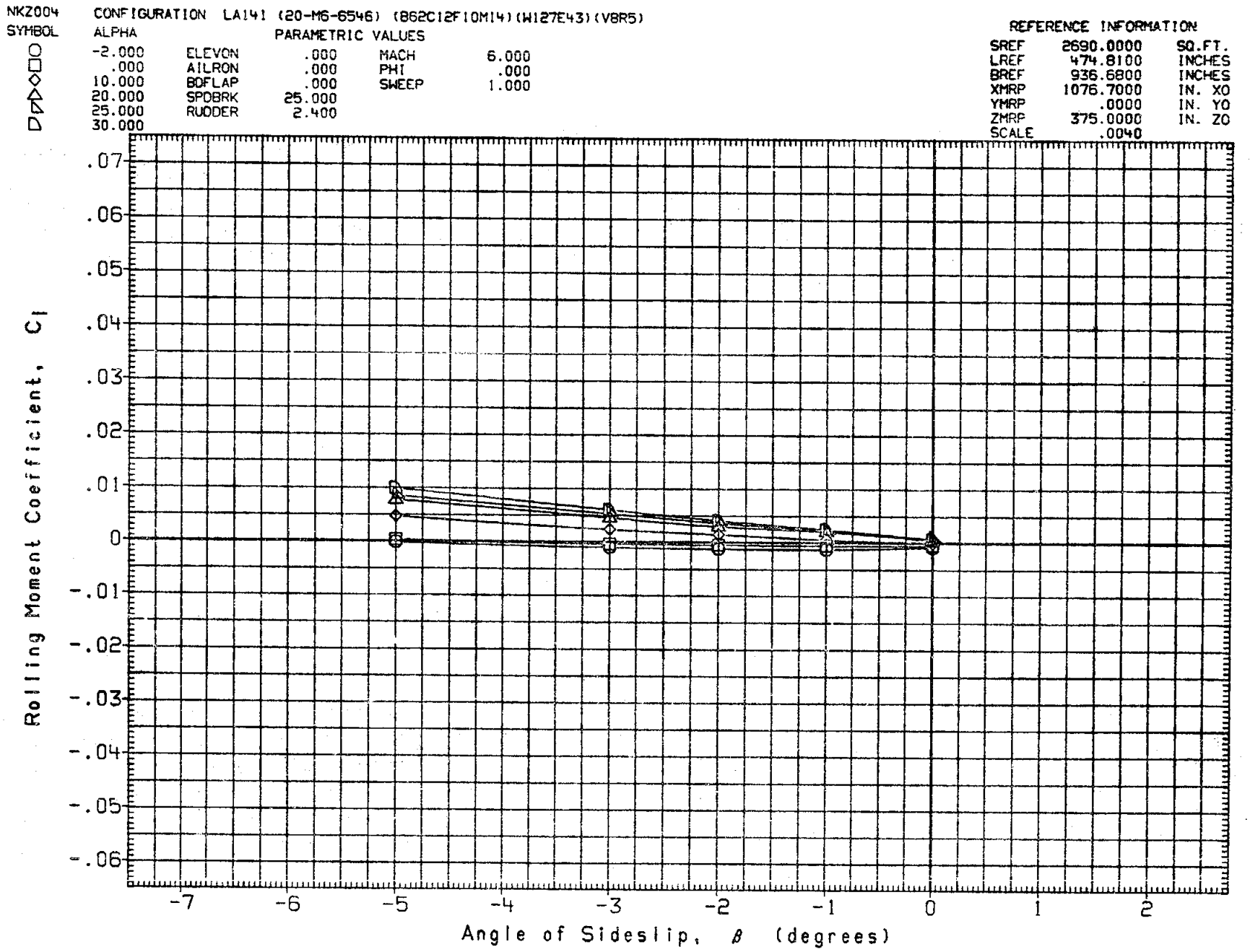

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

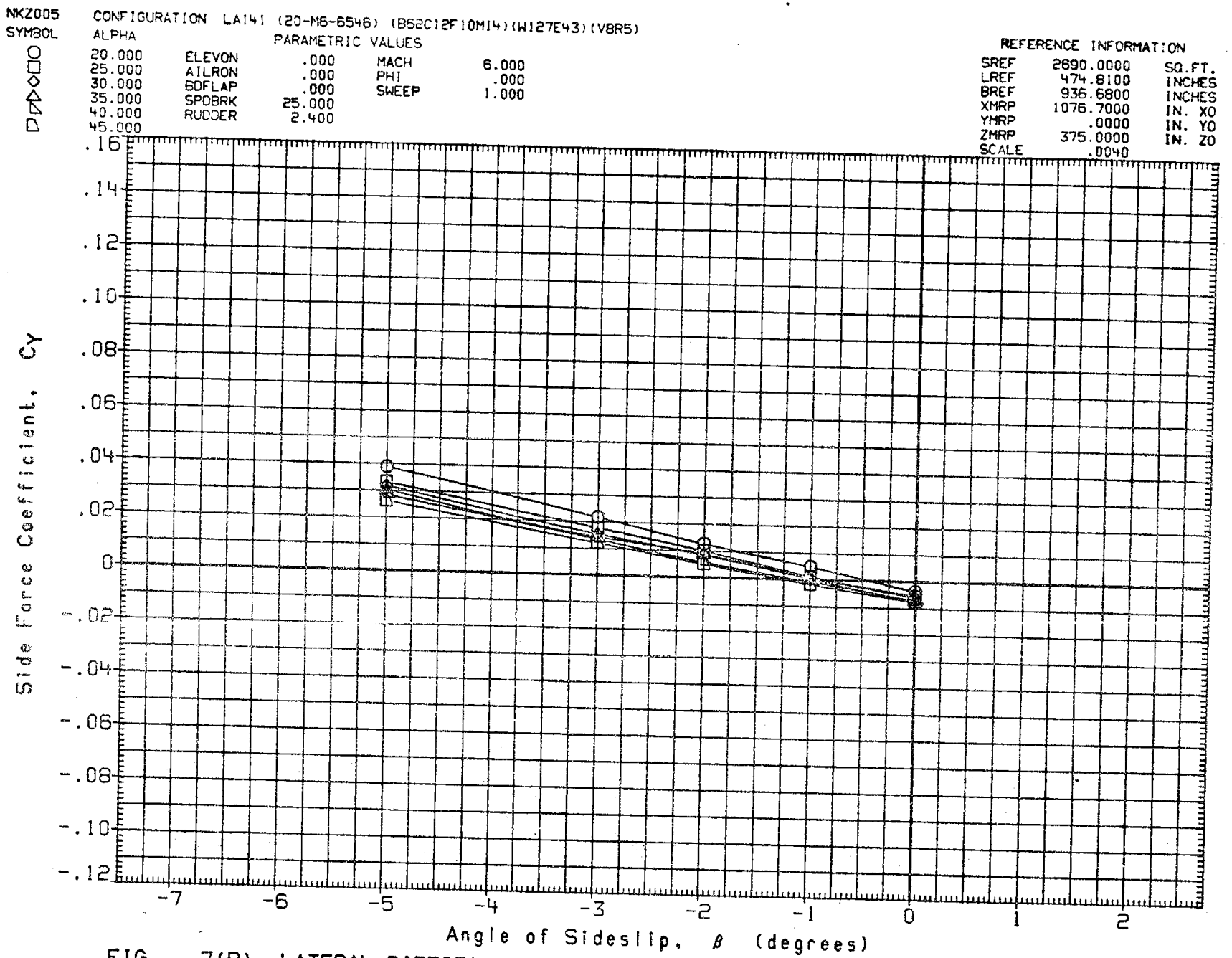

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ005 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA
◇	50.000
□	55.000
○	60.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	.000
BDFLAP	.000	SWEEP	1.000
SPDBRK	25.000		
RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

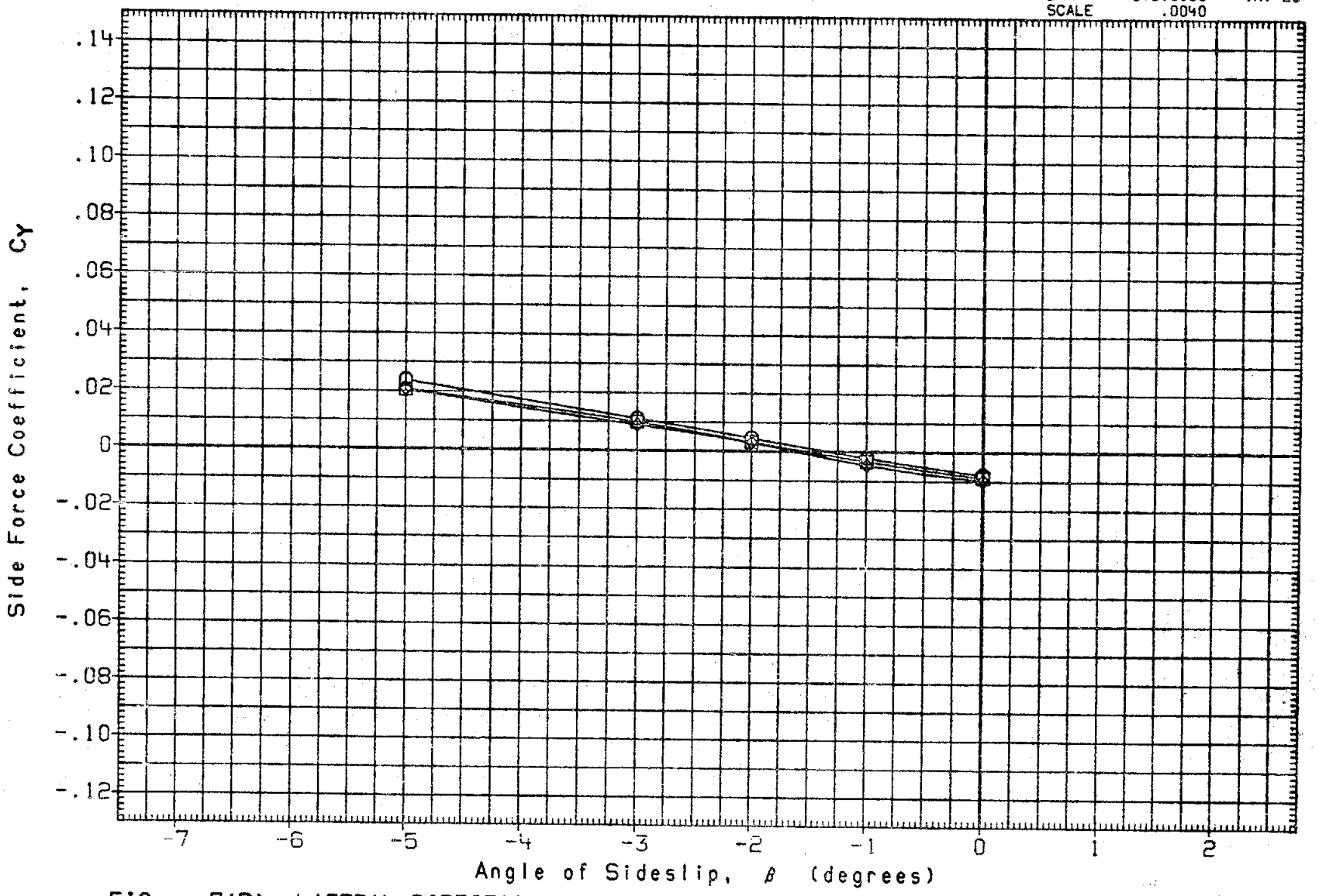

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

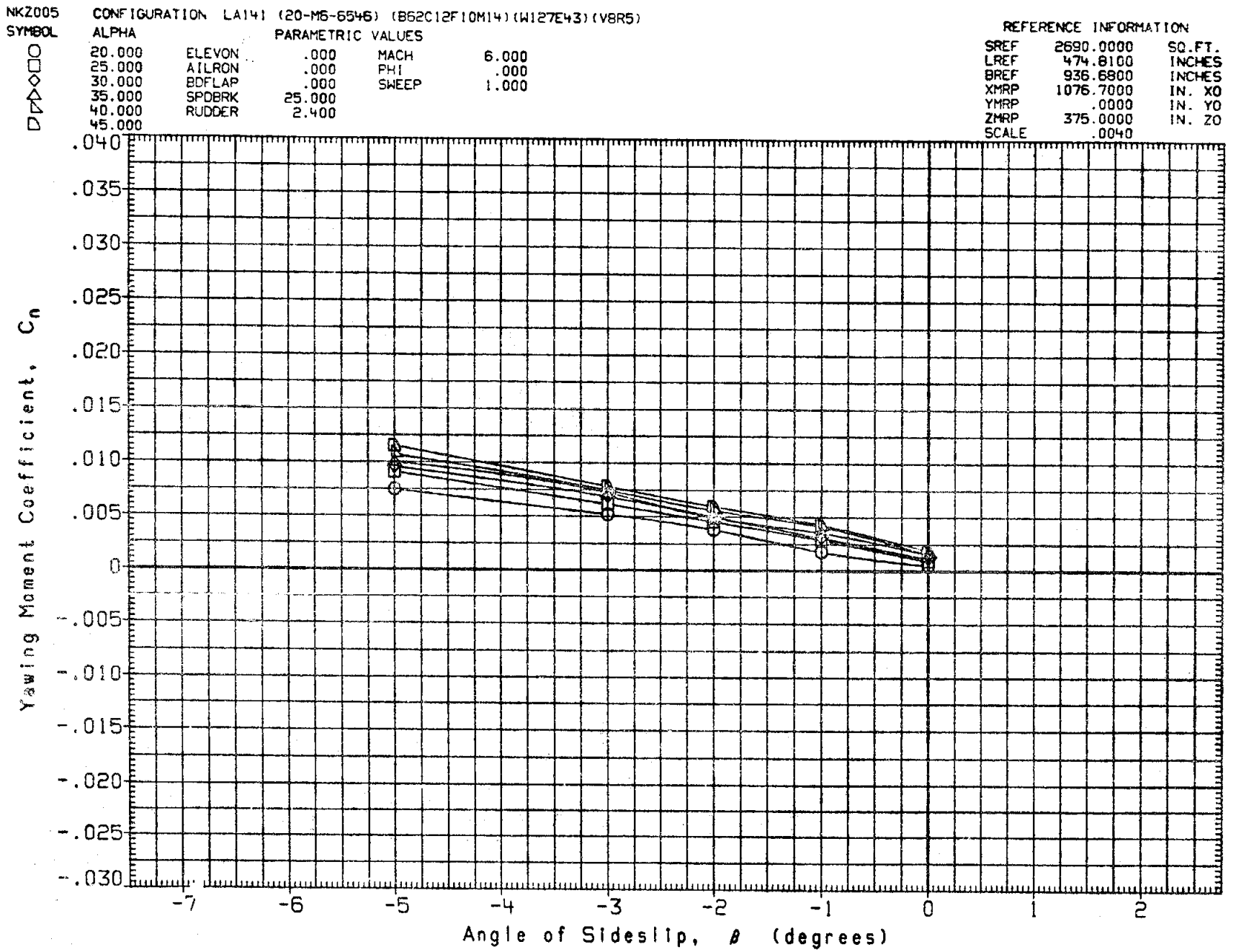

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ005 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	50.000	ELEVON	.000	MACH	6.000
□	55.000	AILRON	.000	PHI	.000
◇	60.000	BDFLAP	.000	SWEEP	1.000
		SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

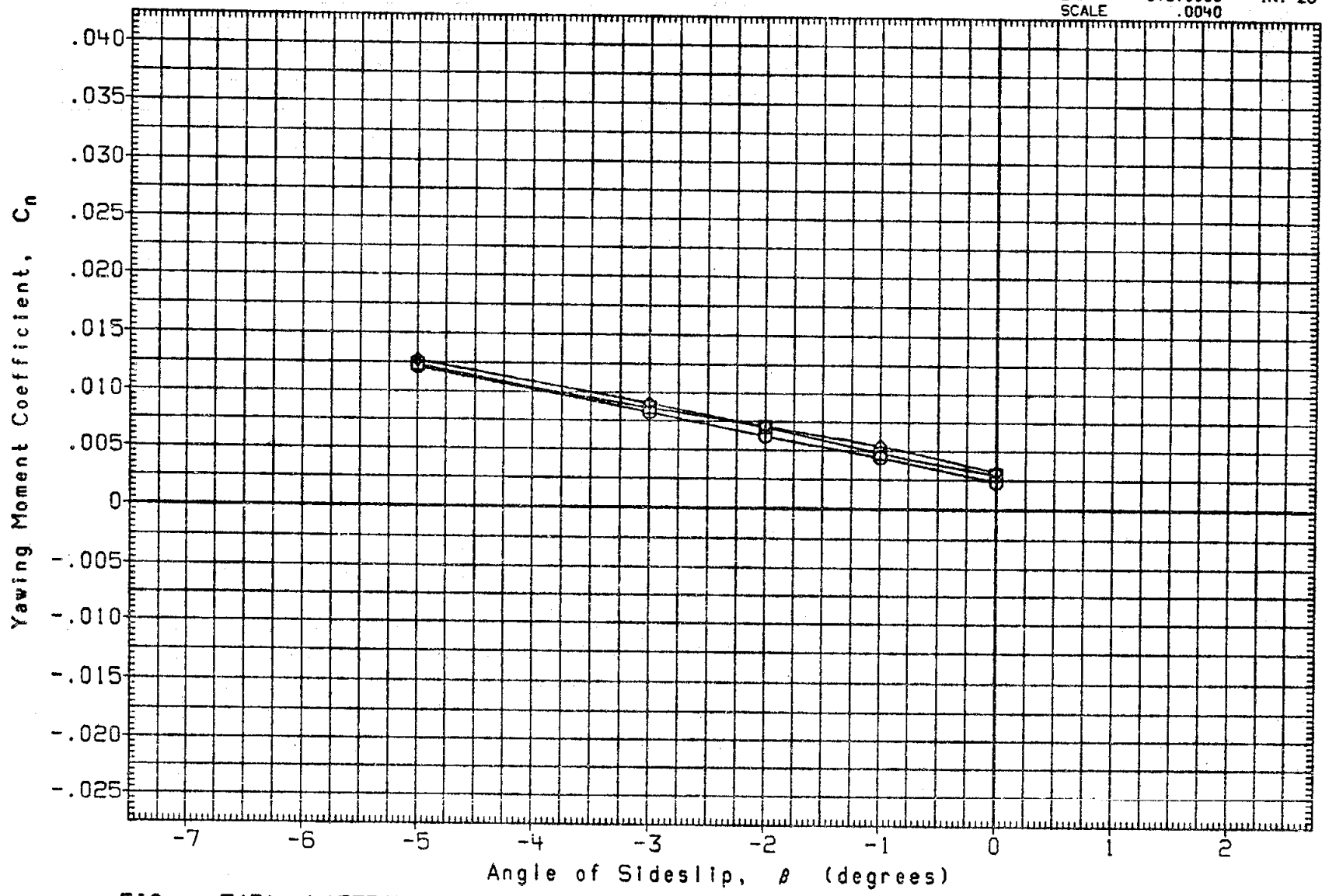

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ005 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA
○	20.000
□	25.000
◇	30.000
△	35.000
▷	40.000
▱	45.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	.000
BDFLAP	.000	SWEEP	1.000
SPDBRK	25.000		
RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

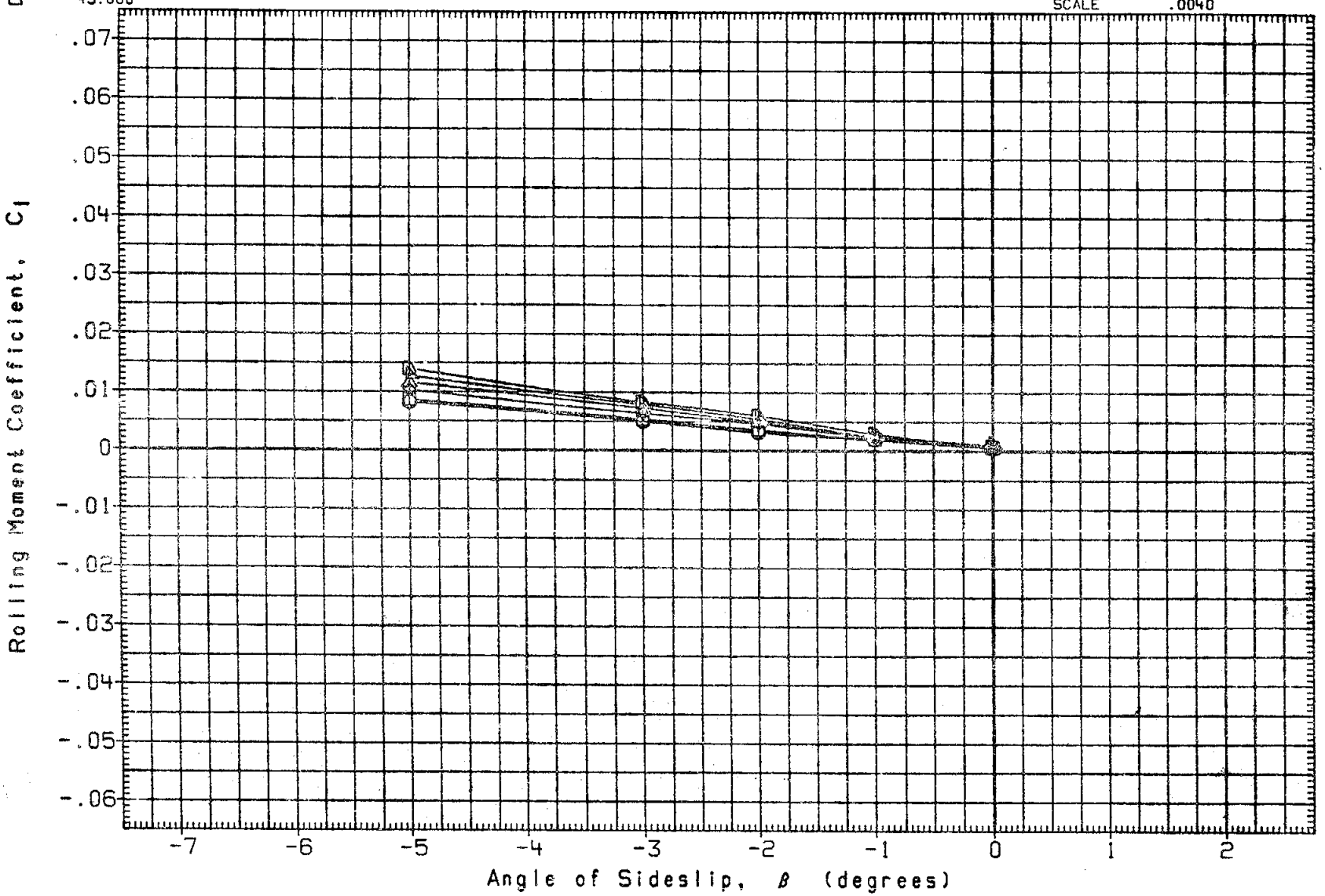

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

NKZ005 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	50.000	ELEVON	.000	MACH	6.000
□	55.000	AILRON	.000	PHI	.000
◇	60.000	BDFLAP	.000	SWEEP	1.000
		SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

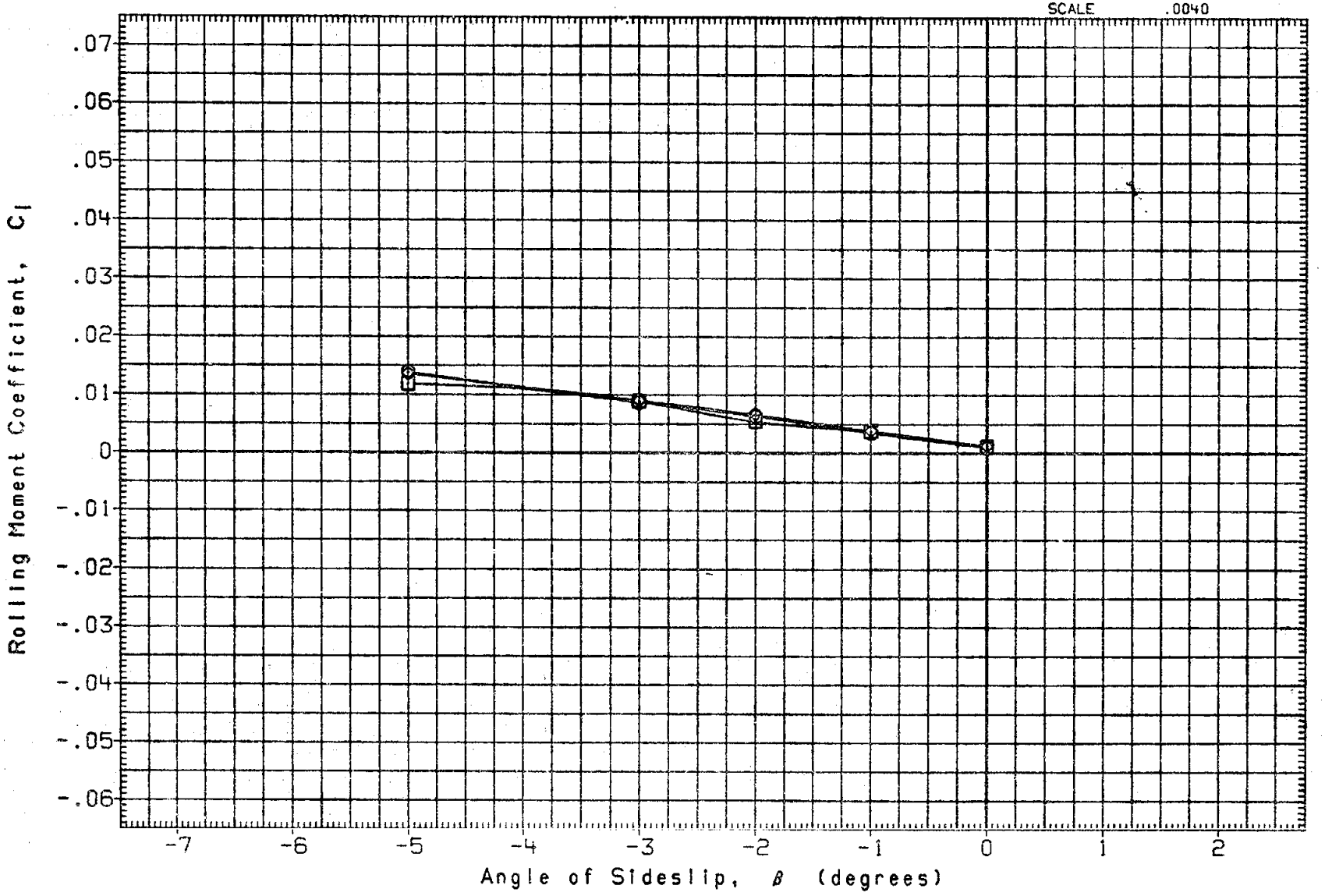

FIG. 7(B) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 25.0

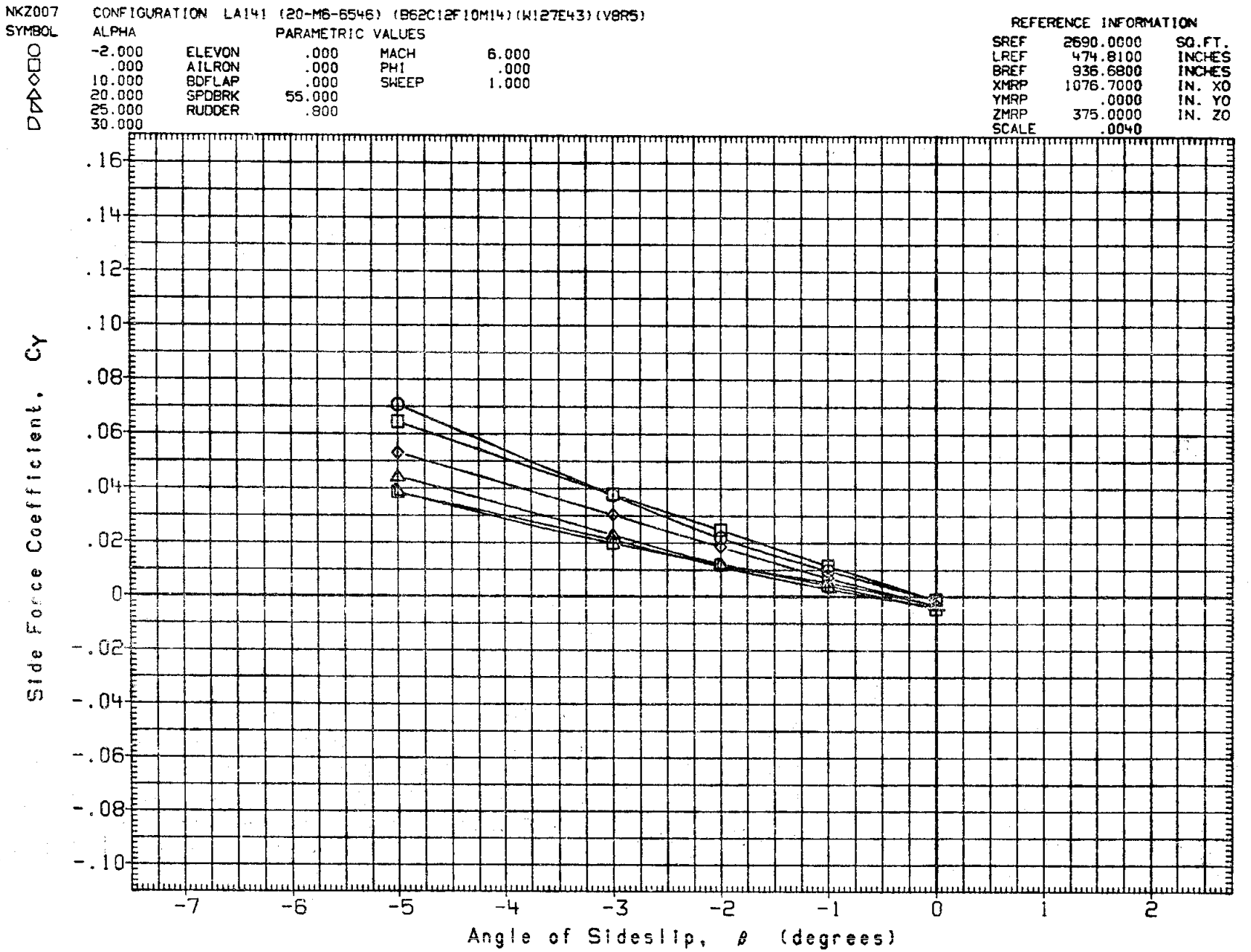

FIG. 7(C) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 55.0

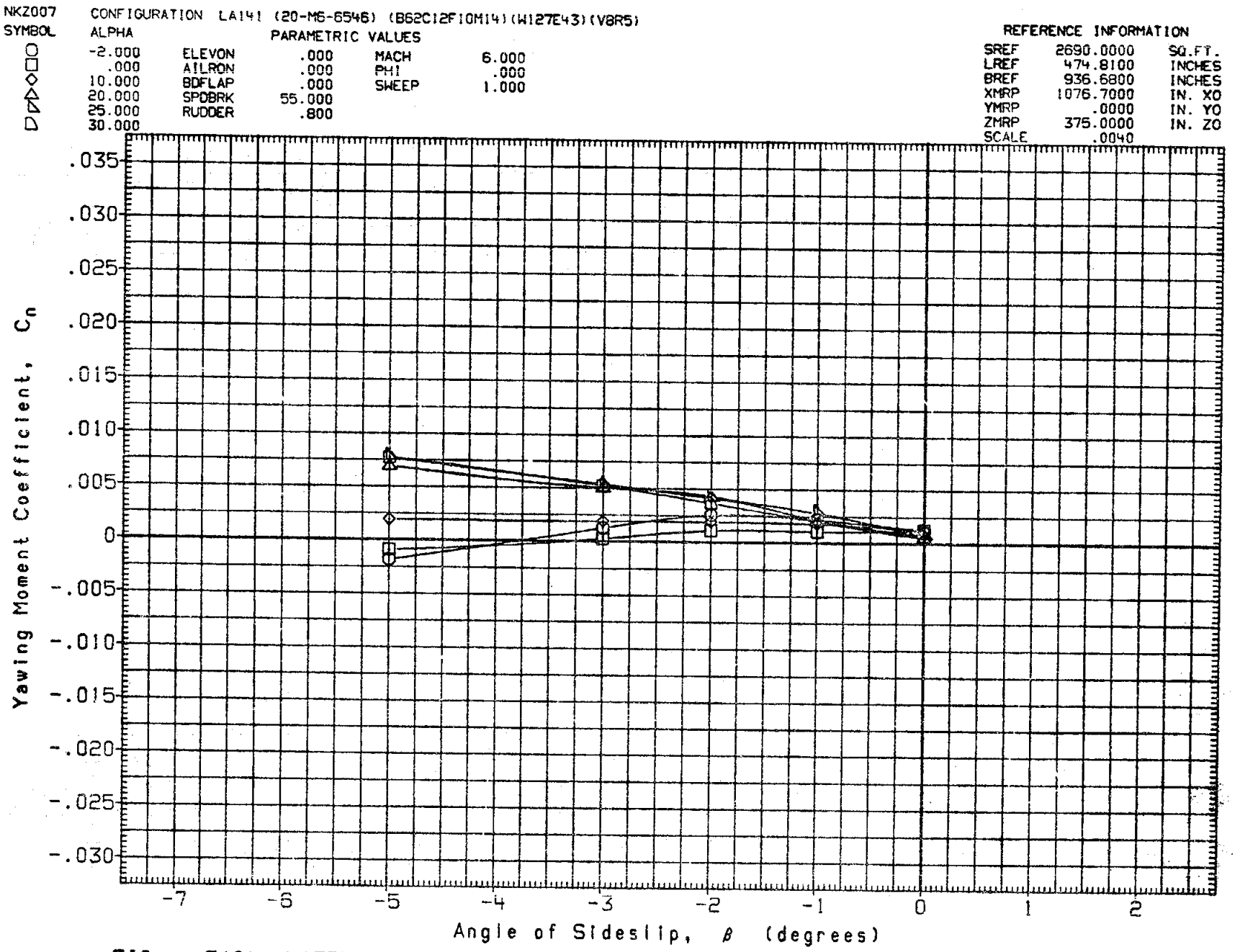

FIG. 7(C) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 55.0

NKZ007 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	MACH	6.000
□	.000	AILRON	.000	PHI	.000
◇	10.000	BDFLAP	.000	SWEEP	1.000
△	20.000	SPDBRK	55.000		
▽	25.000	RUDDER	.800		
◁	30.000				

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

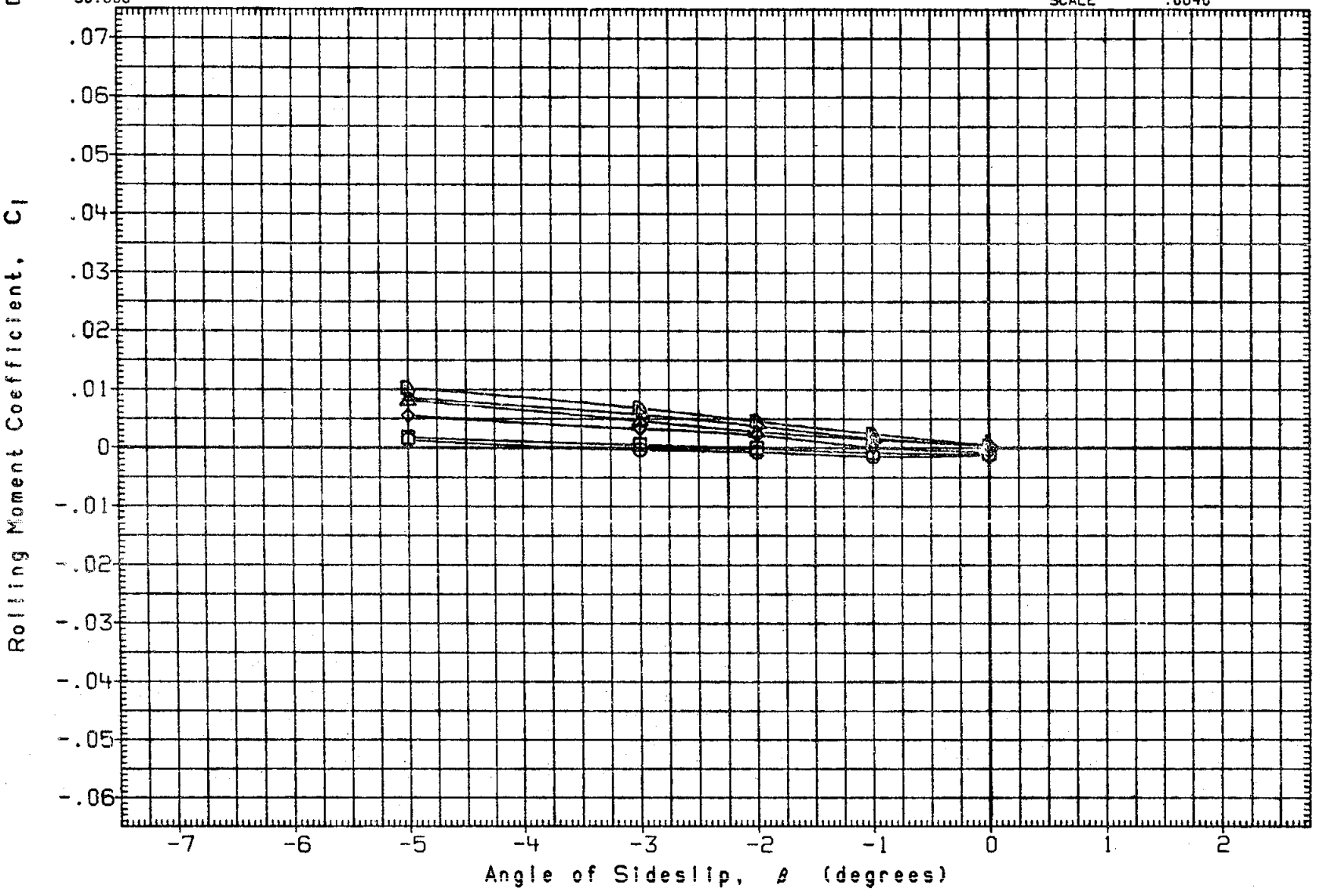

FIG. 7(C) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 55.0

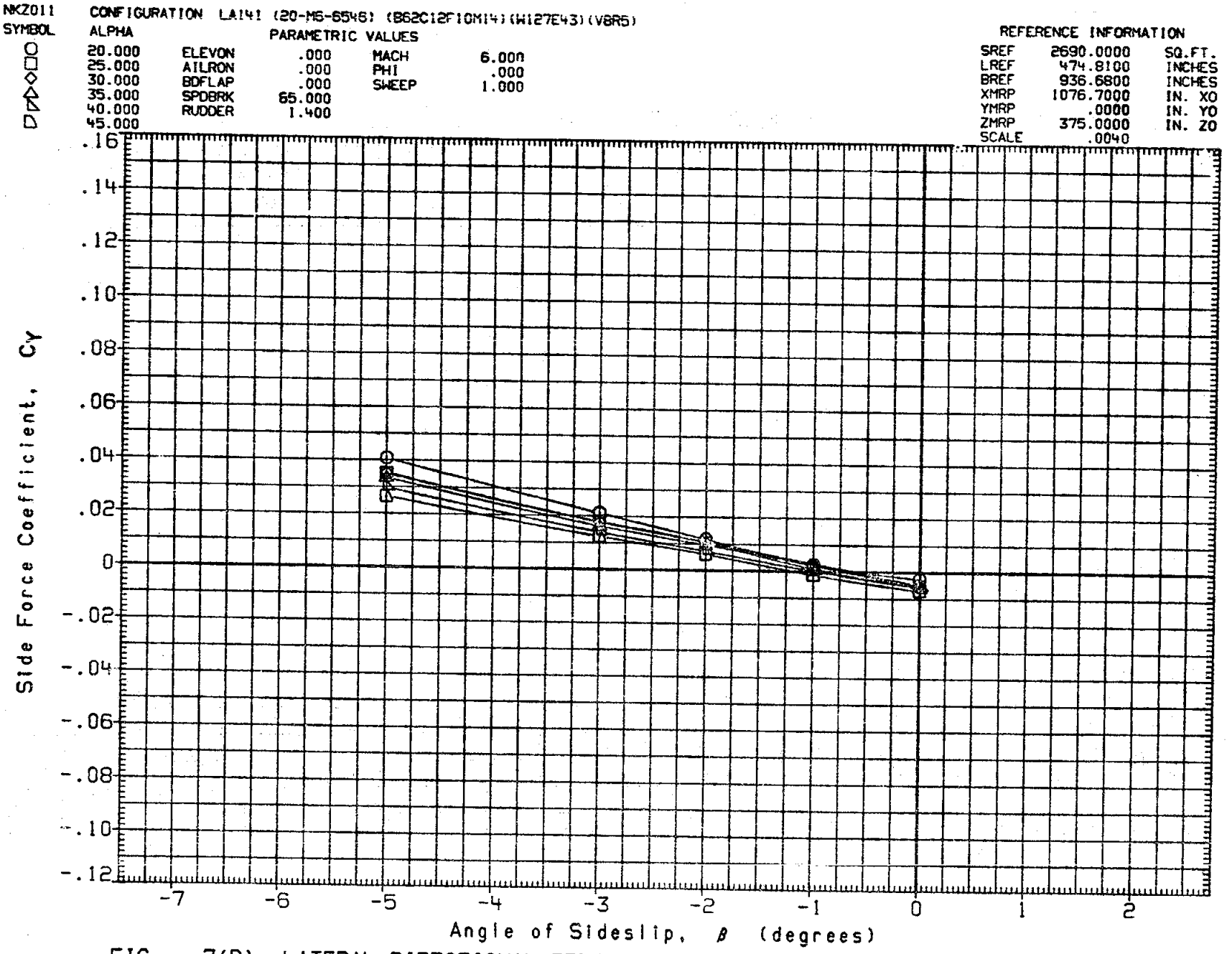

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

NKZ011 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	50.000	ELEVON	.000	MACH	6.000
□	55.000	AILRON	.000	PHI	.000
◇	60.000	BDFLAP	.000	SWEEP	1.000
		SPDBRK	85.000		
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

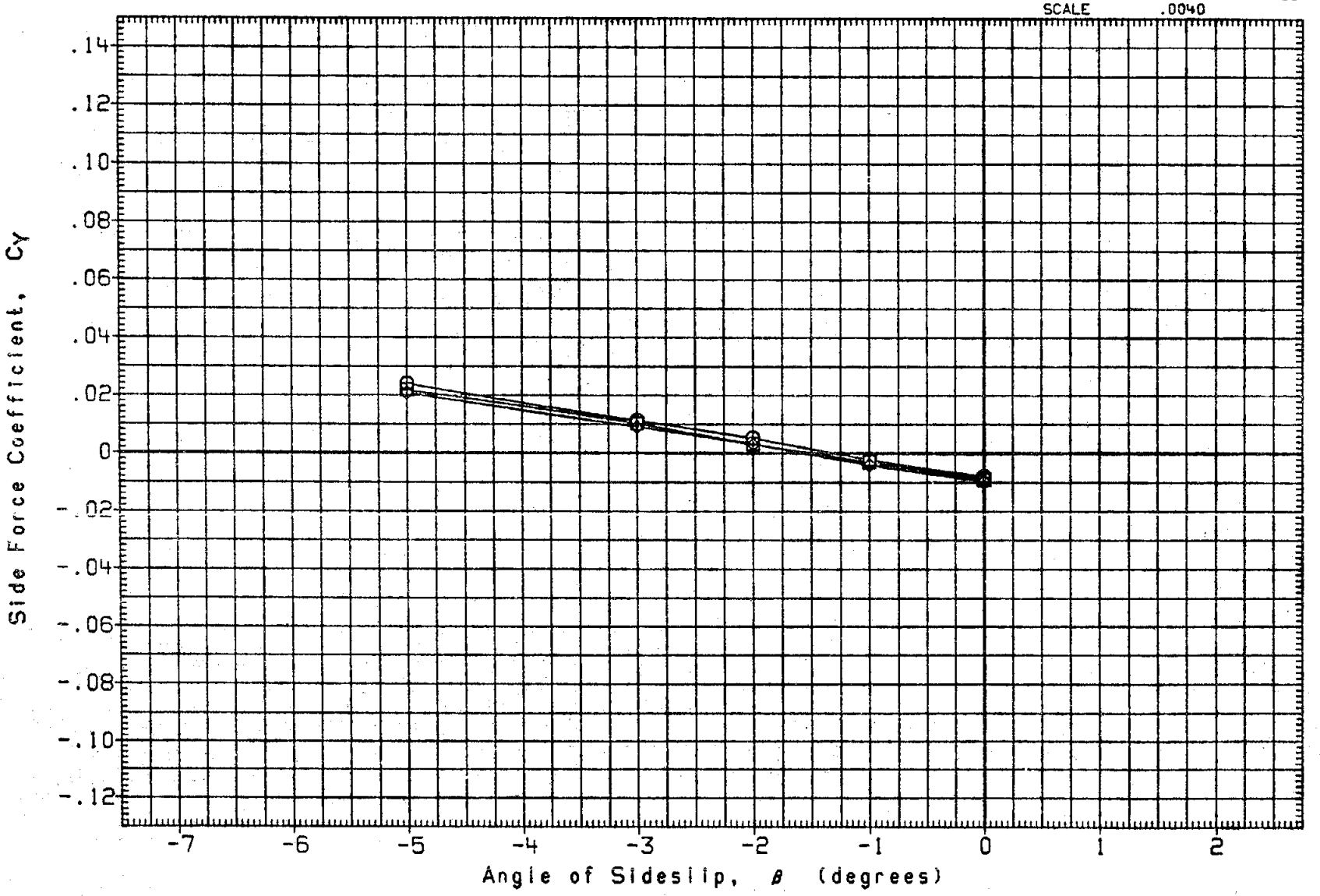

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

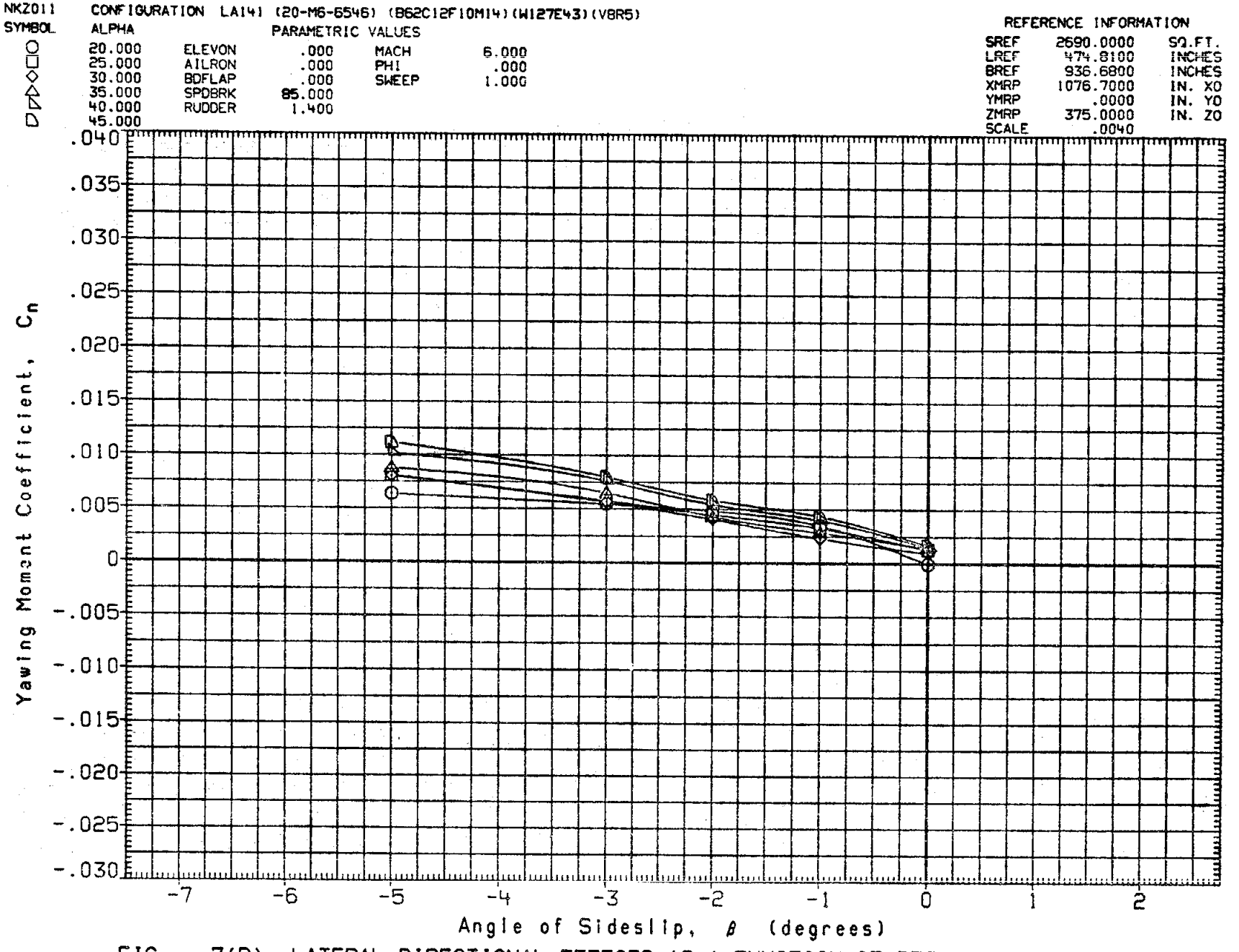

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

NKZ011 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	50.000	ELEVON	.000	MACH	6.000
□	55.000	AILRON	.000	PHI	.000
◇	60.000	BDFLAP	.000	SWEEP	1.000
		SPDBRK	85.000		
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

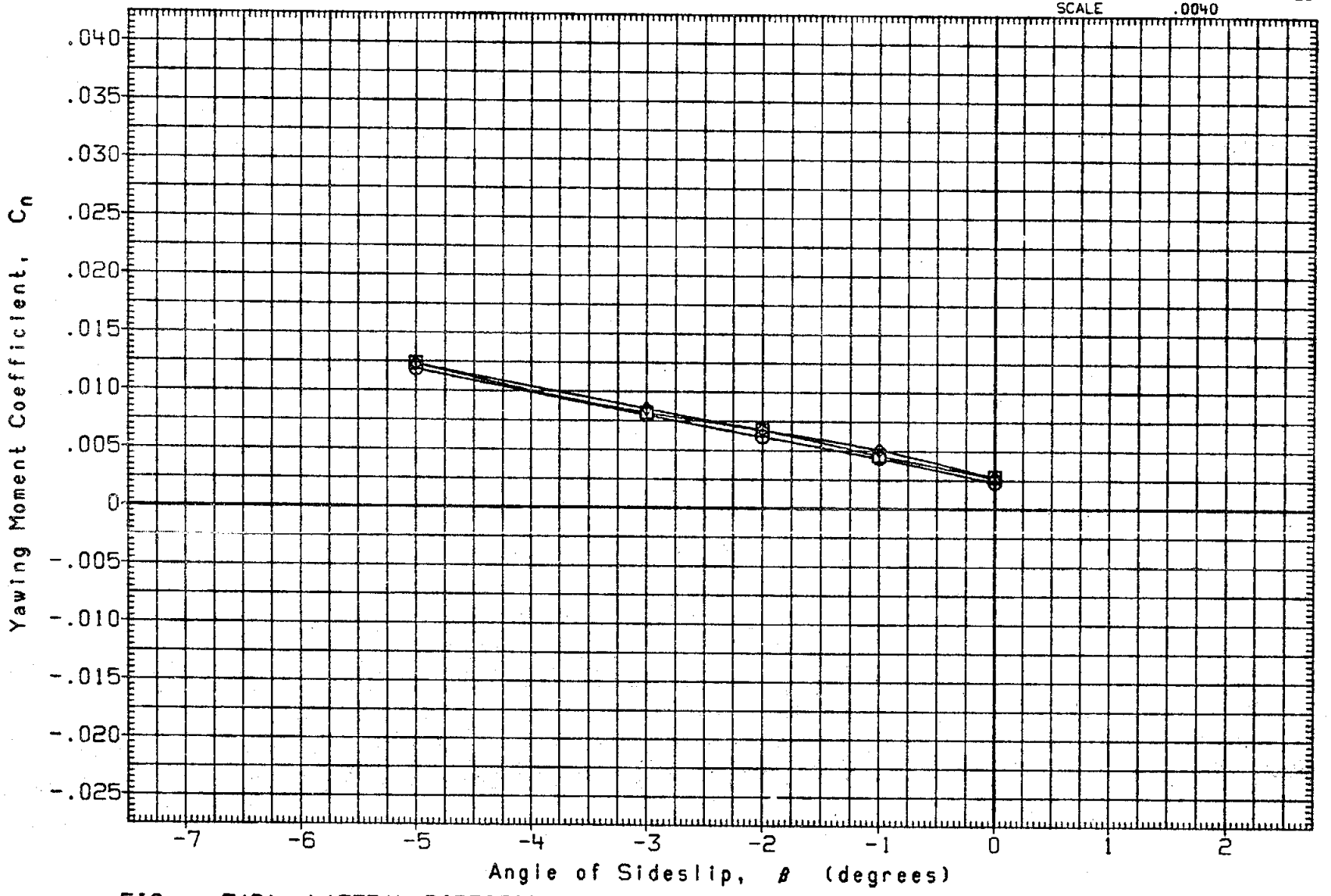

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

NKZ011 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA
○	20.000
□	25.000
◇	30.000
◁	35.000
▷	40.000
△	45.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	.000
BDFLAP	.000	SWEEP	1.000
SPDBRK	85.000		
RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

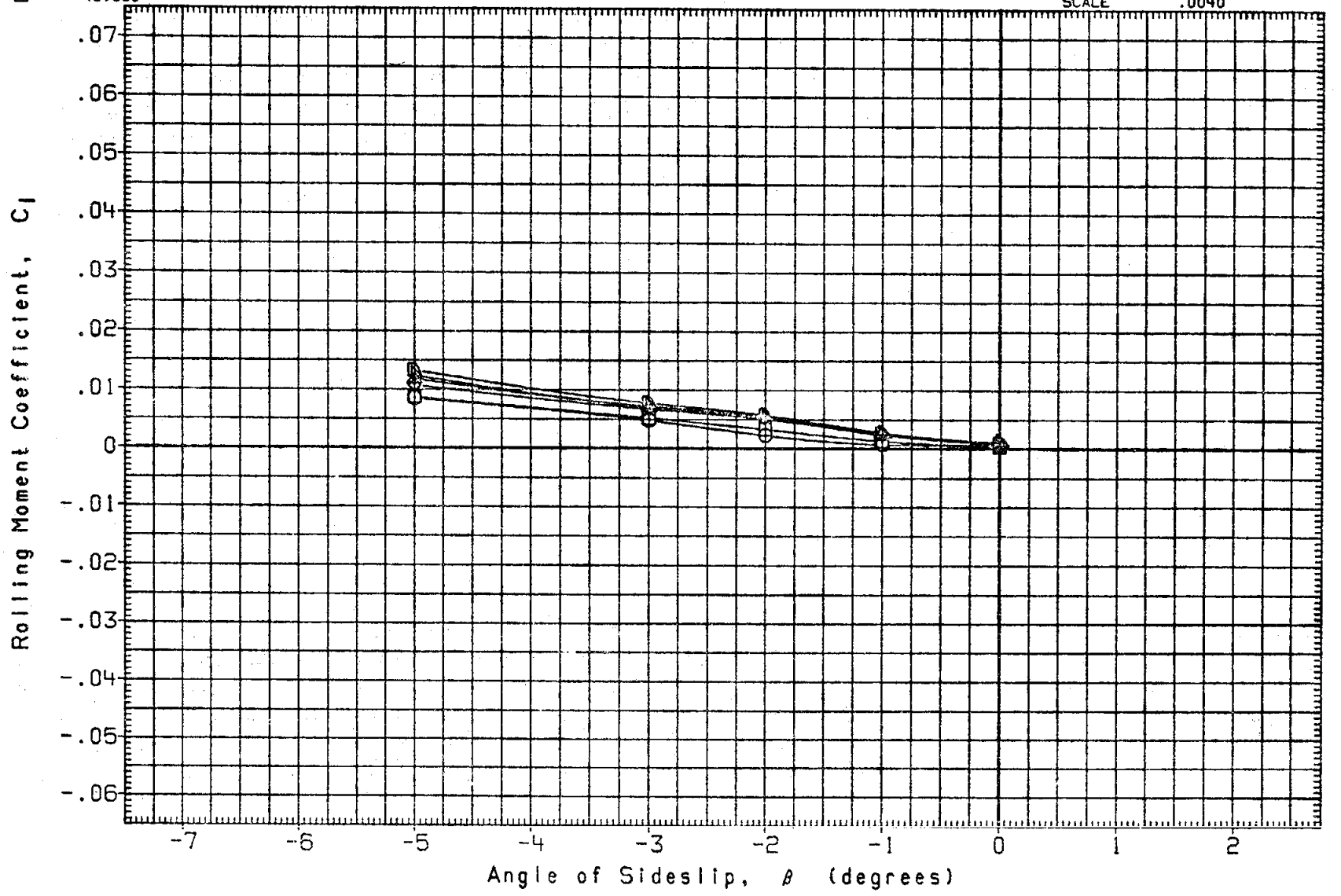

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

NKZ011 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	ALPHA	PARAMETRIC VALUES			
○	50.000	ELEVON	.000	MACH	6.000
□	55.000	AILRON	.000	PHI	.000
◇	60.000	BDFLAP	.000	SWEEP	1.000
		SPDBRK	85.000		
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

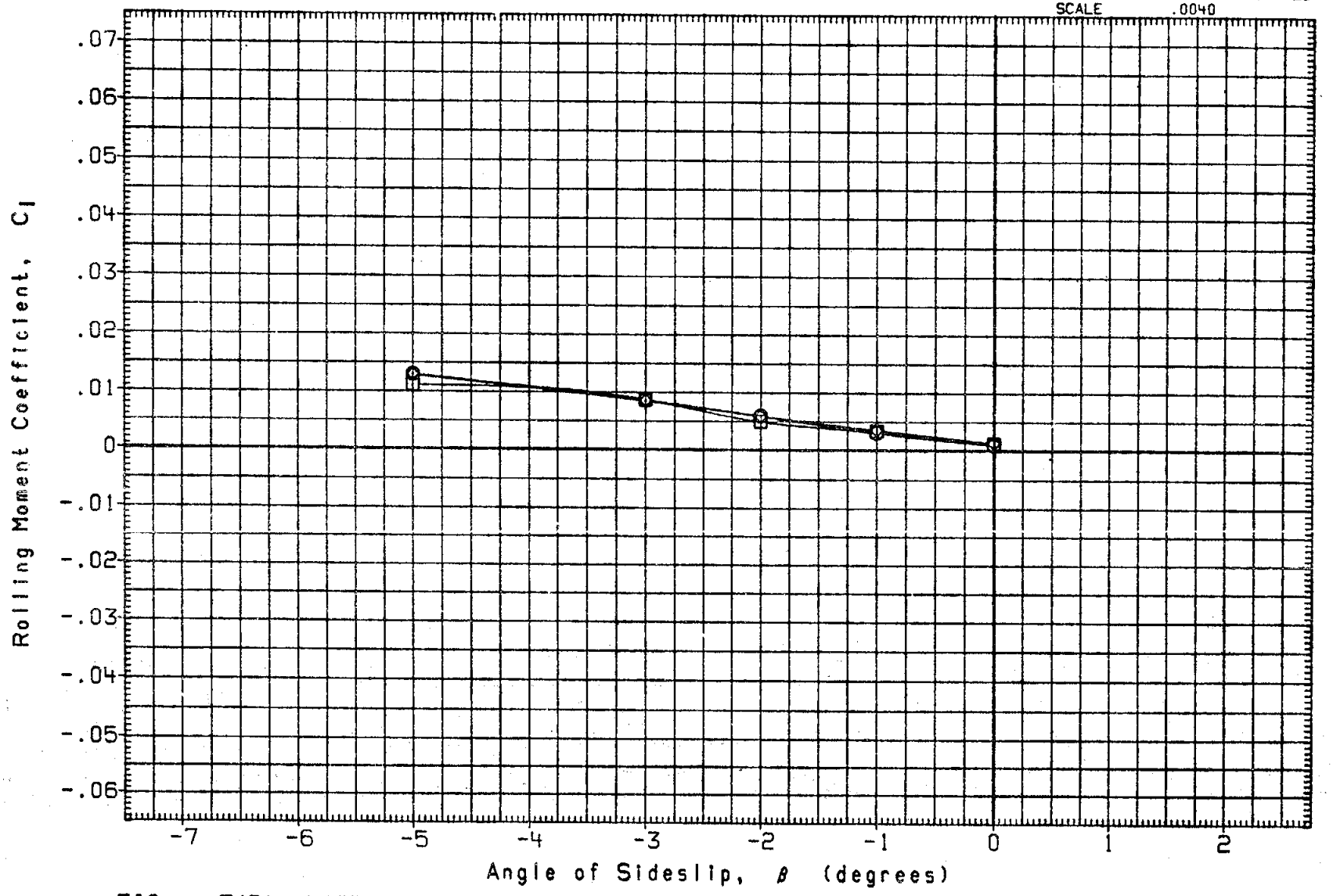

FIG. 7(D) LATERAL-DIRECTIONAL EFFECTS AS A FUNCTION OF BETA
MACH = 6.0, SPEEDBRAKE = 85.0

CKZC01 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA
O	1.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	180.000
BDFLAP	.000	SWEEP	2.000
SPDBRK	.000		
RUDDER	.100		

REFERENCE INFORMATION

SREF	2590.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

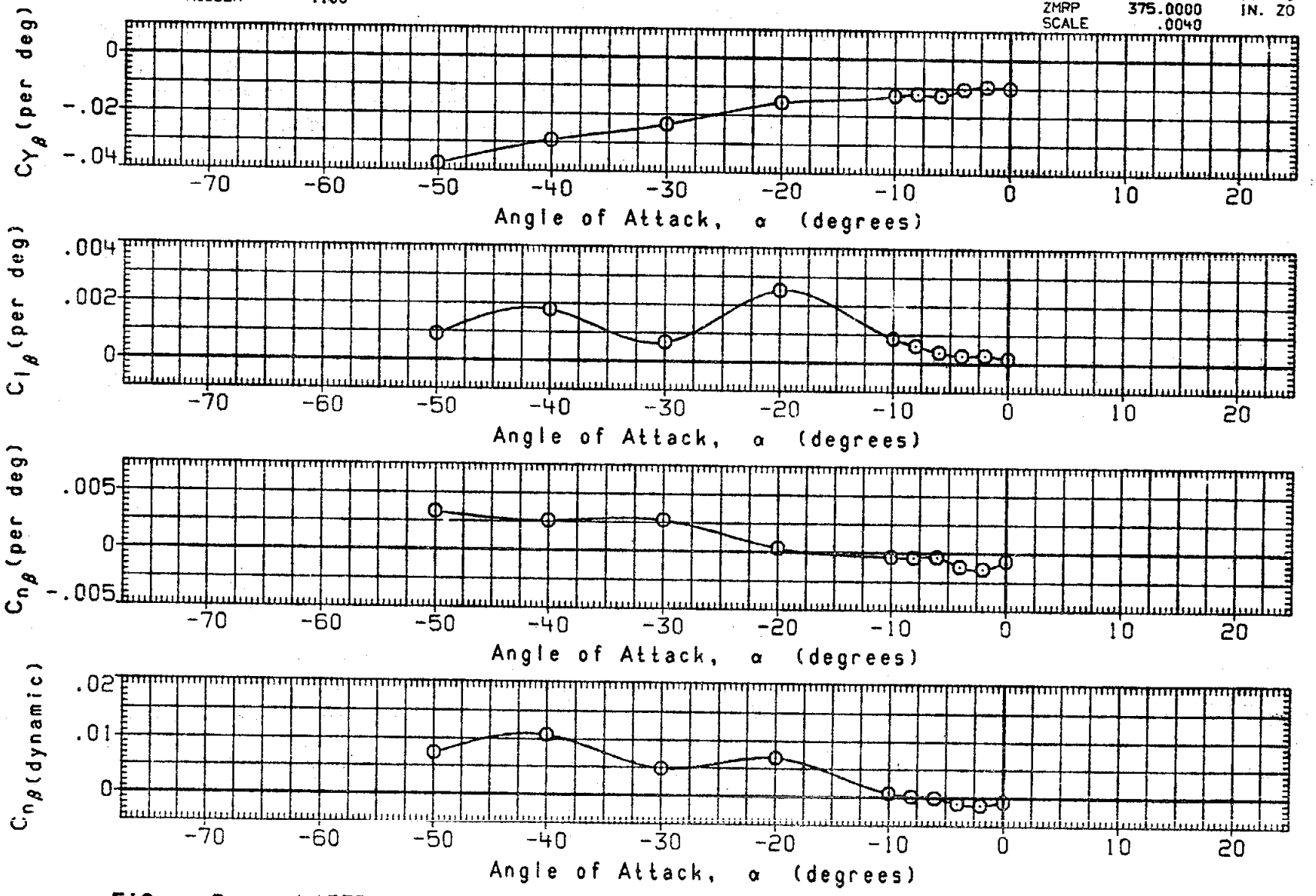

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC02 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	.000		
		RUDDER	.100		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

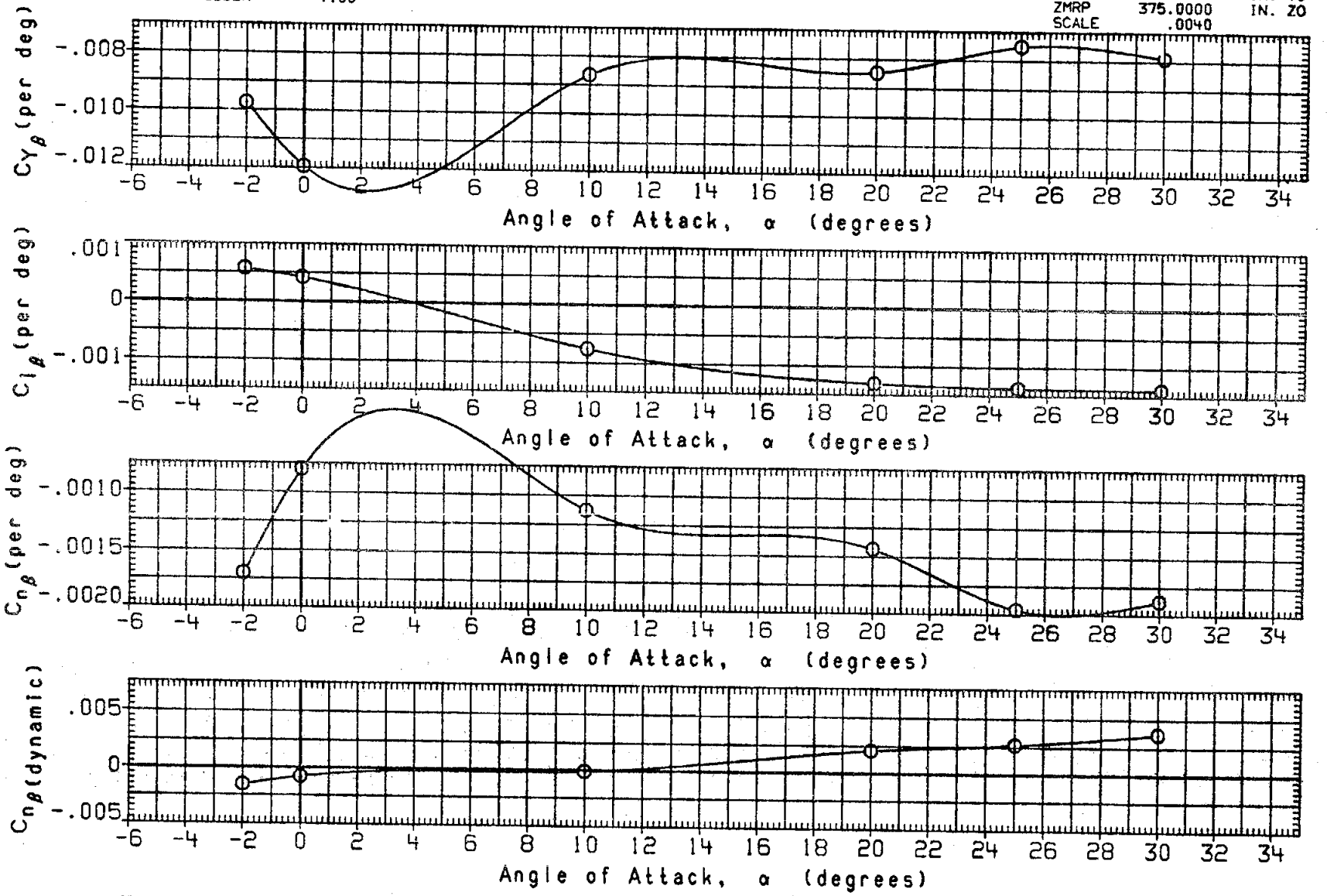

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC03 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	180.000
		BDFLAP	.000	SWEEP	2.000
		SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

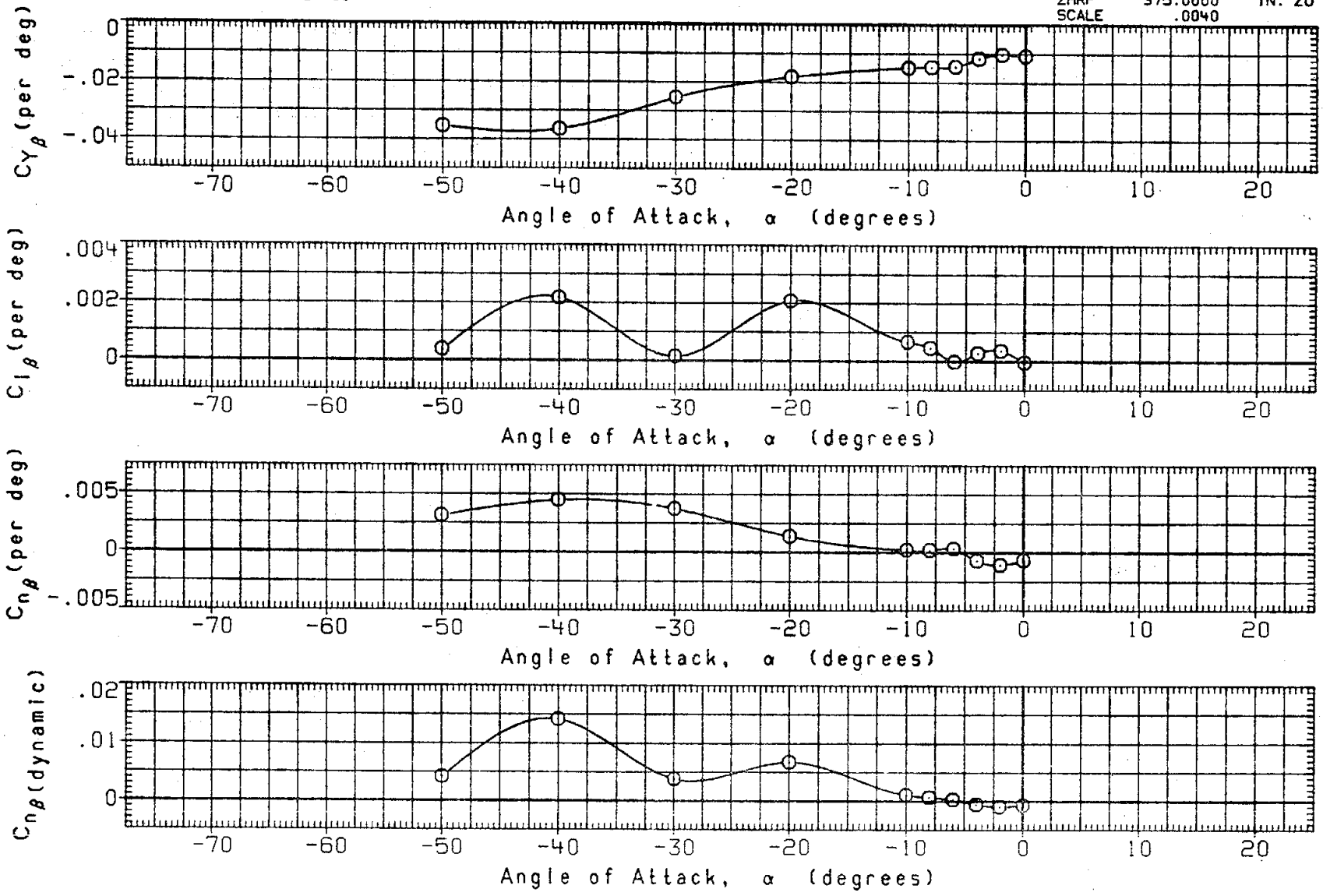

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC04 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

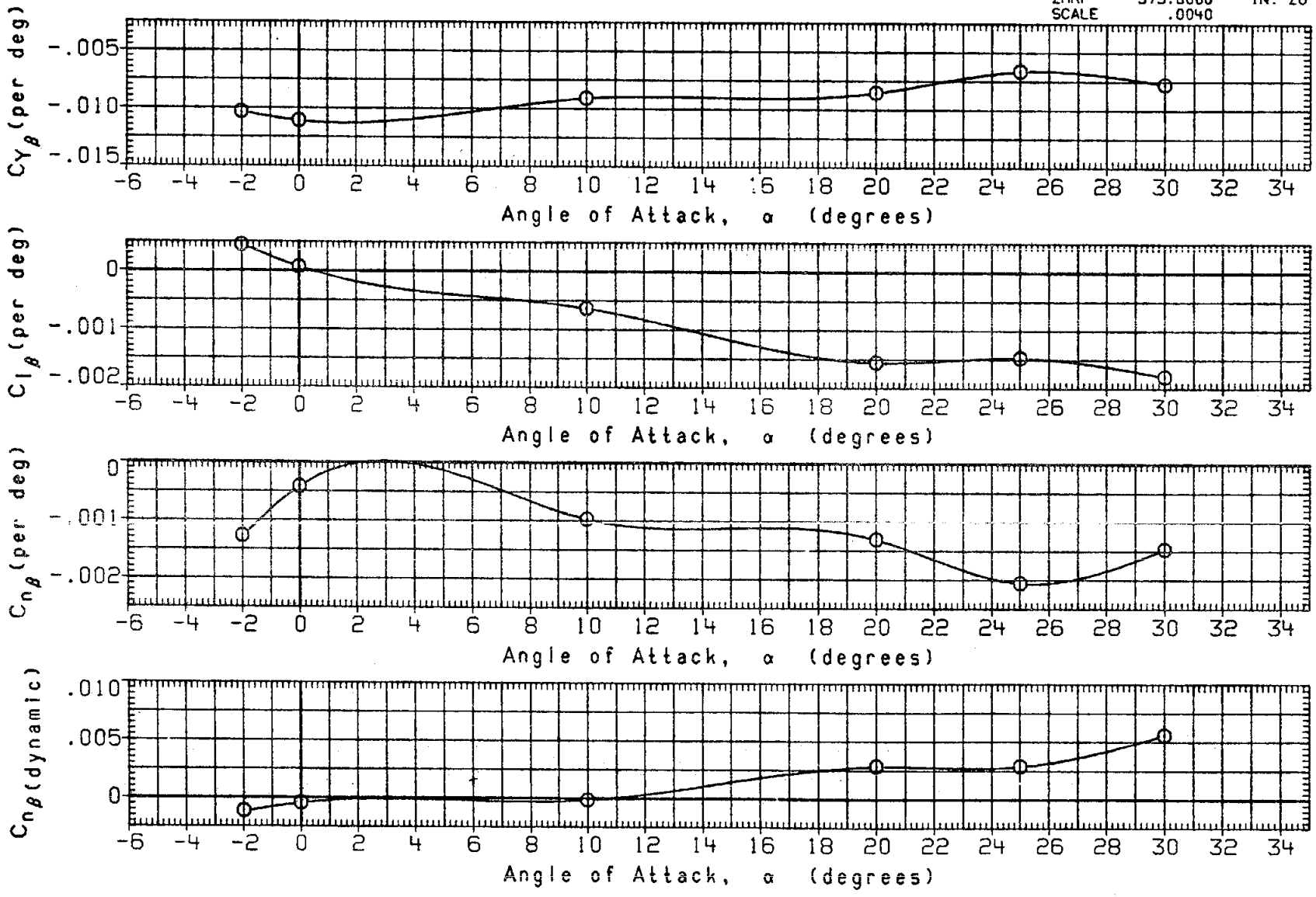

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC05 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	25.000		
		RUDDER	2.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

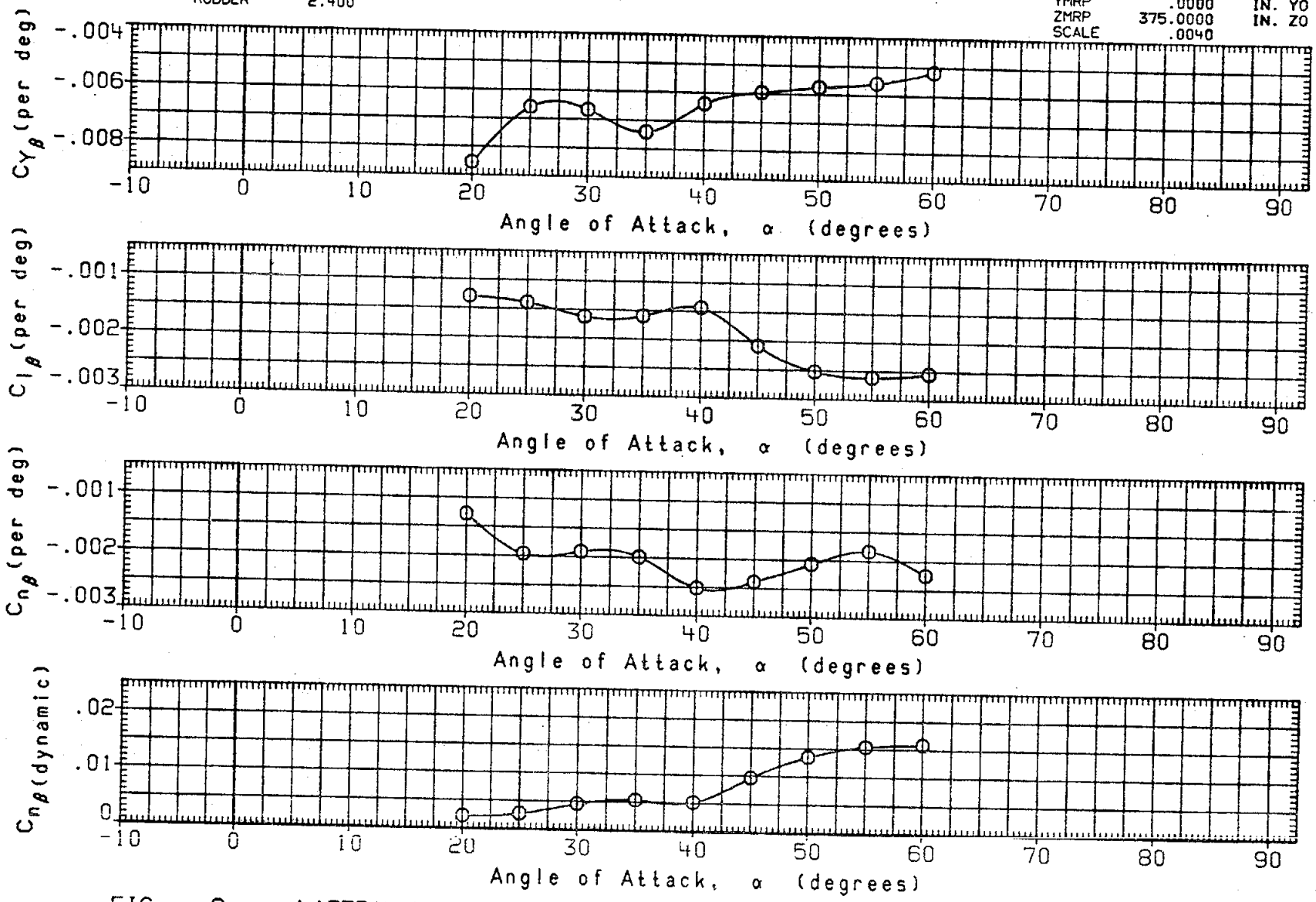

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC06 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	2.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	180.000
		BDFLAP	.000	SWEEP	2.000
		SPDBRK	55.000		
		RUDDER	.800		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

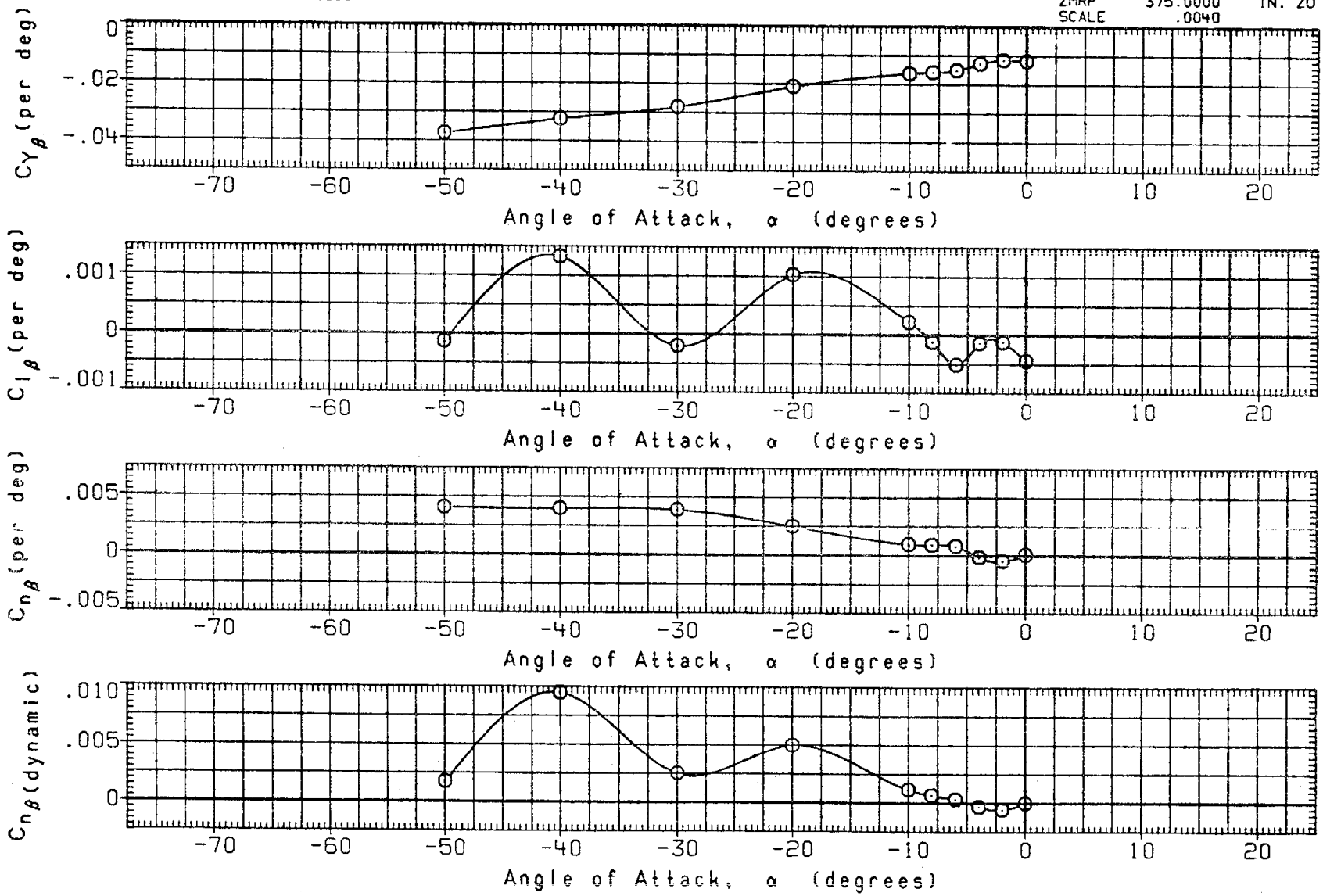

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC07 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	55.000		
		RUDDER	.800		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

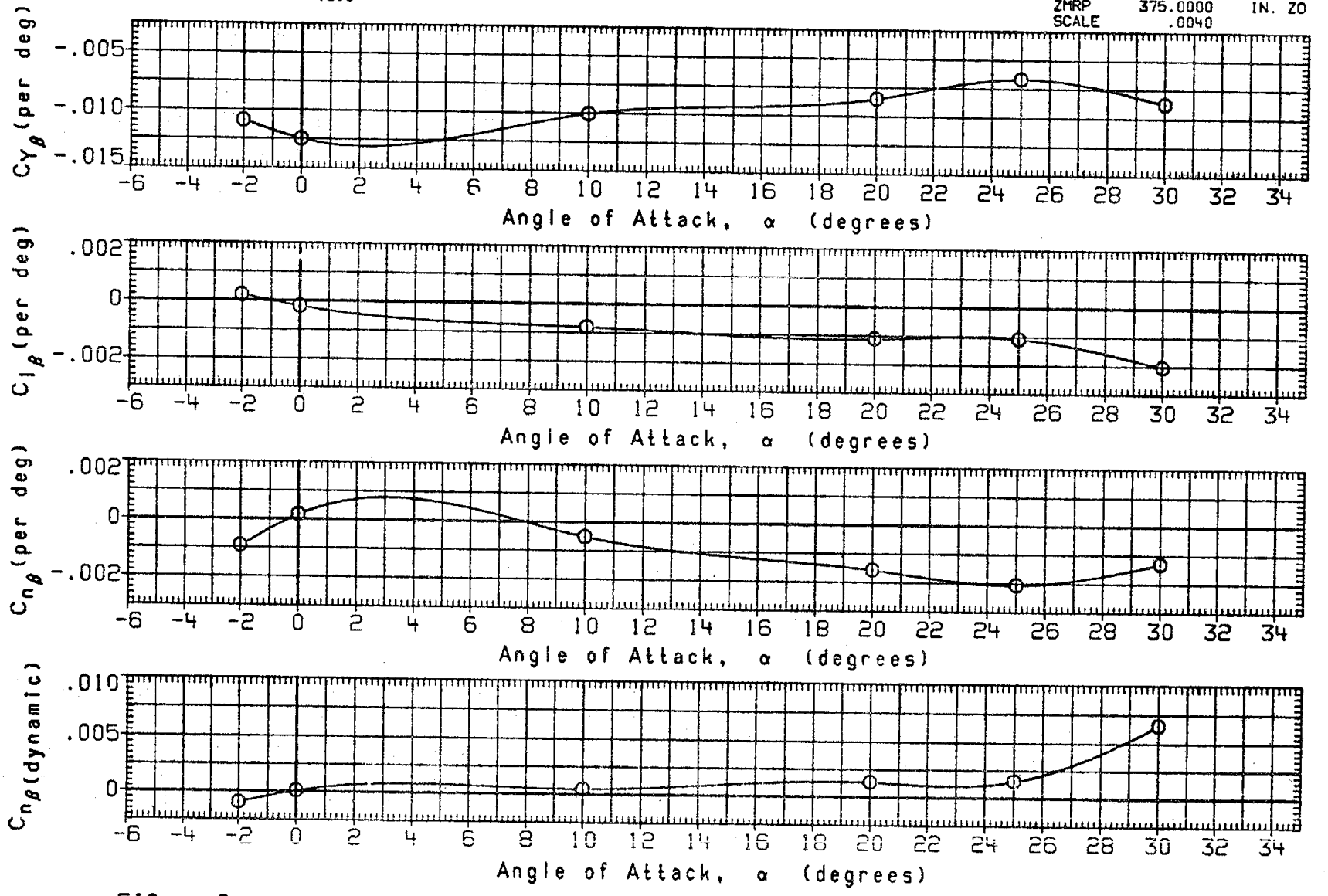

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC0B CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-2.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	55.000		
		RUDDER	.800		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

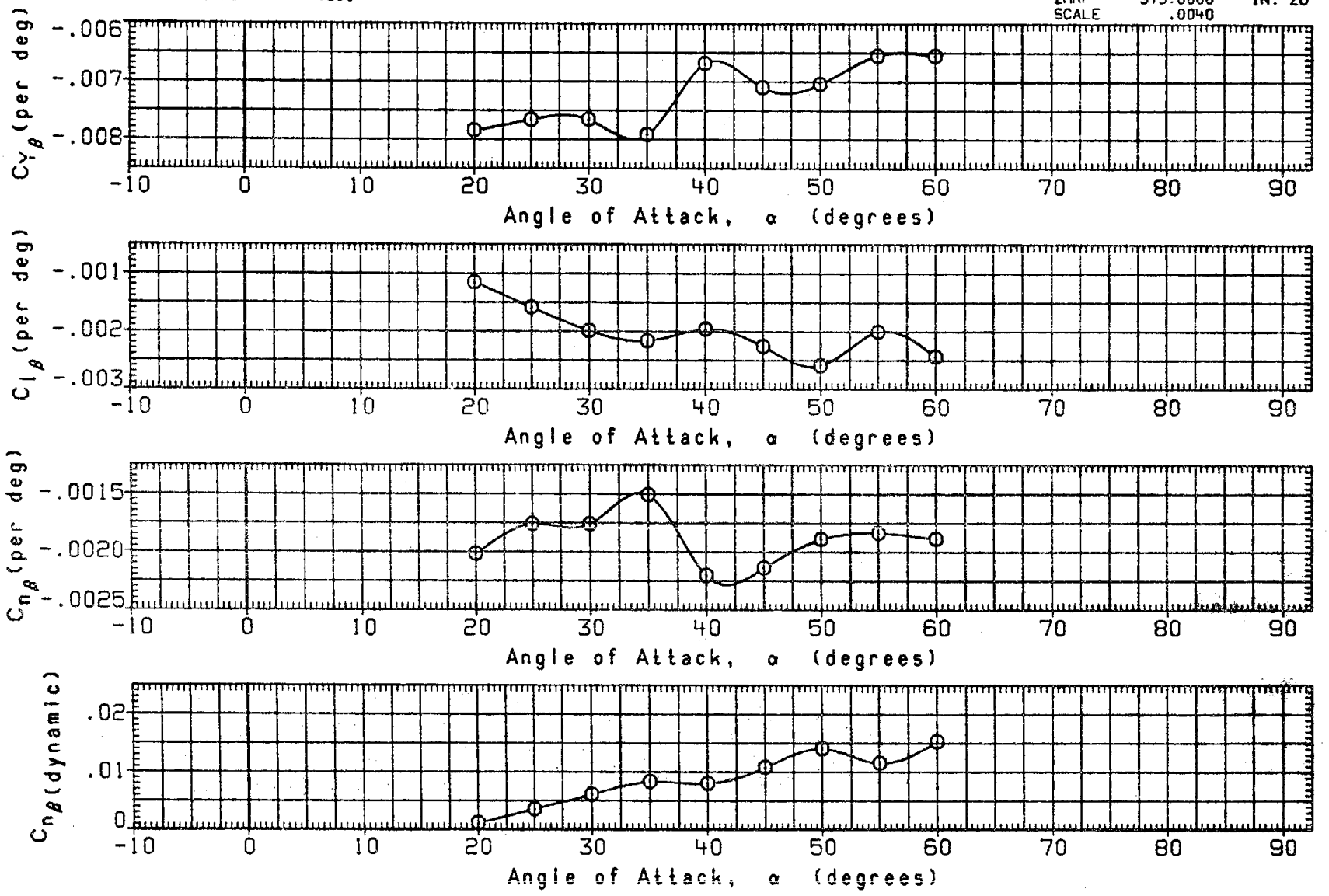

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC09 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	2.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	180.000
		BDFLAP	.000	SWEEP	2.000
		SPDBRK	85.000		
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

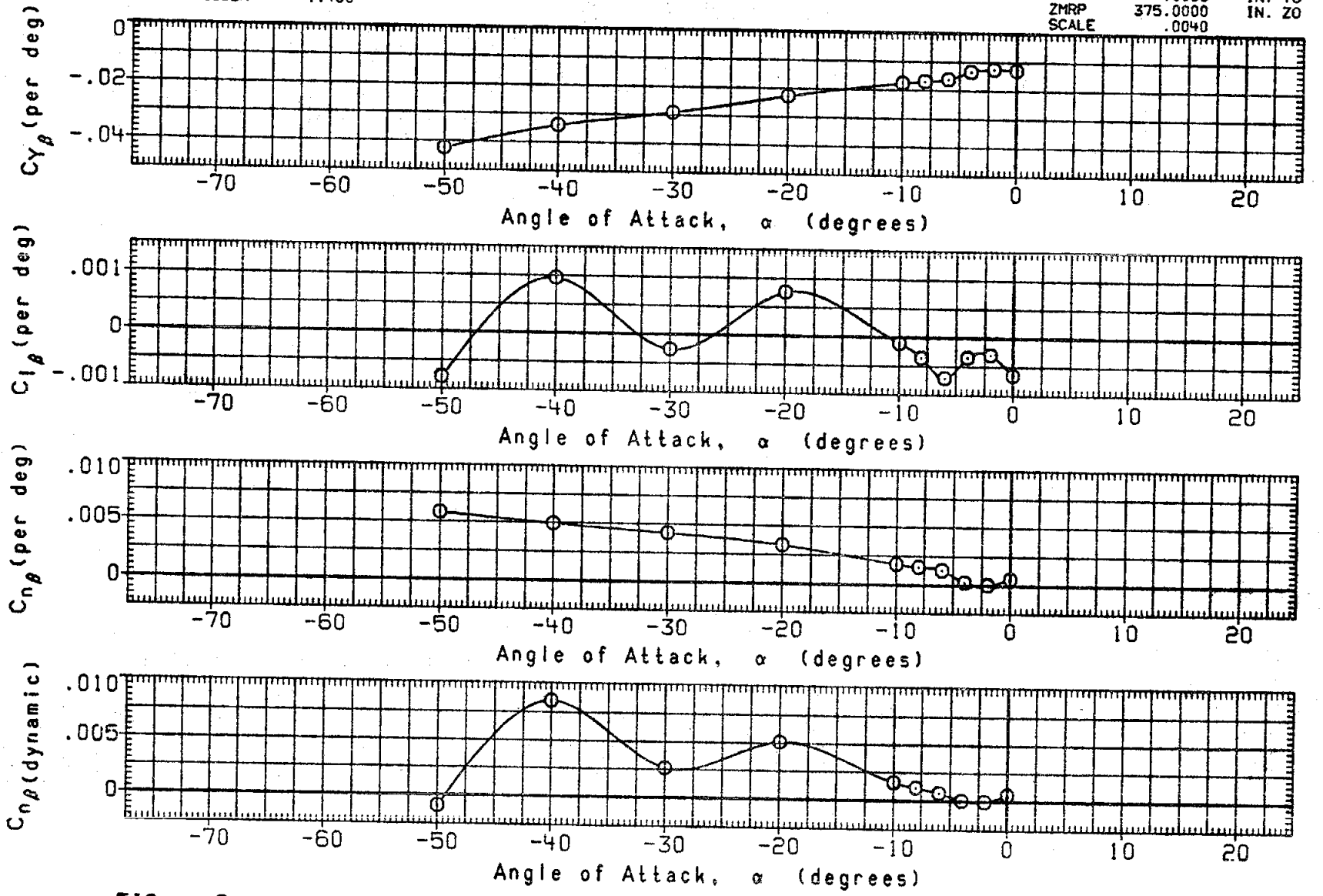

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC10 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA
O	-2.000

PARAMETRIC VALUES

ELEVON	.000	MACH	6.000
AILRON	.000	PHI	.000
BDFLAP	.000	SWEEP	1.000
SPDBRK	85.000		
RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

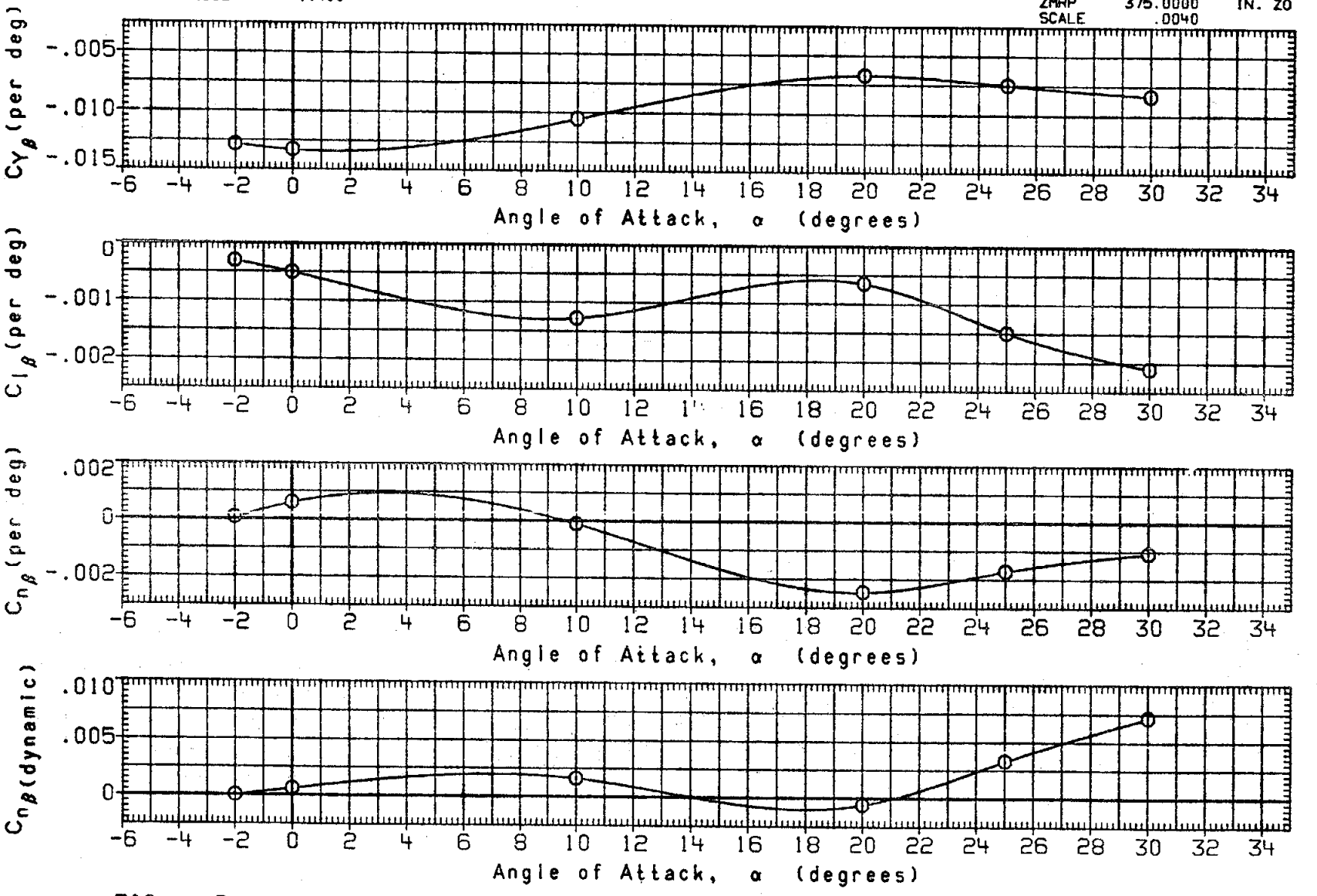

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

CKZC11 CONFIGURATION LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
O	-1.000	ELEVON	.000	MACH	6.000
		AILRON	.000	PHI	.000
		BDFLAP	.000	SWEEP	1.000
		SPDBRK	35.000		
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

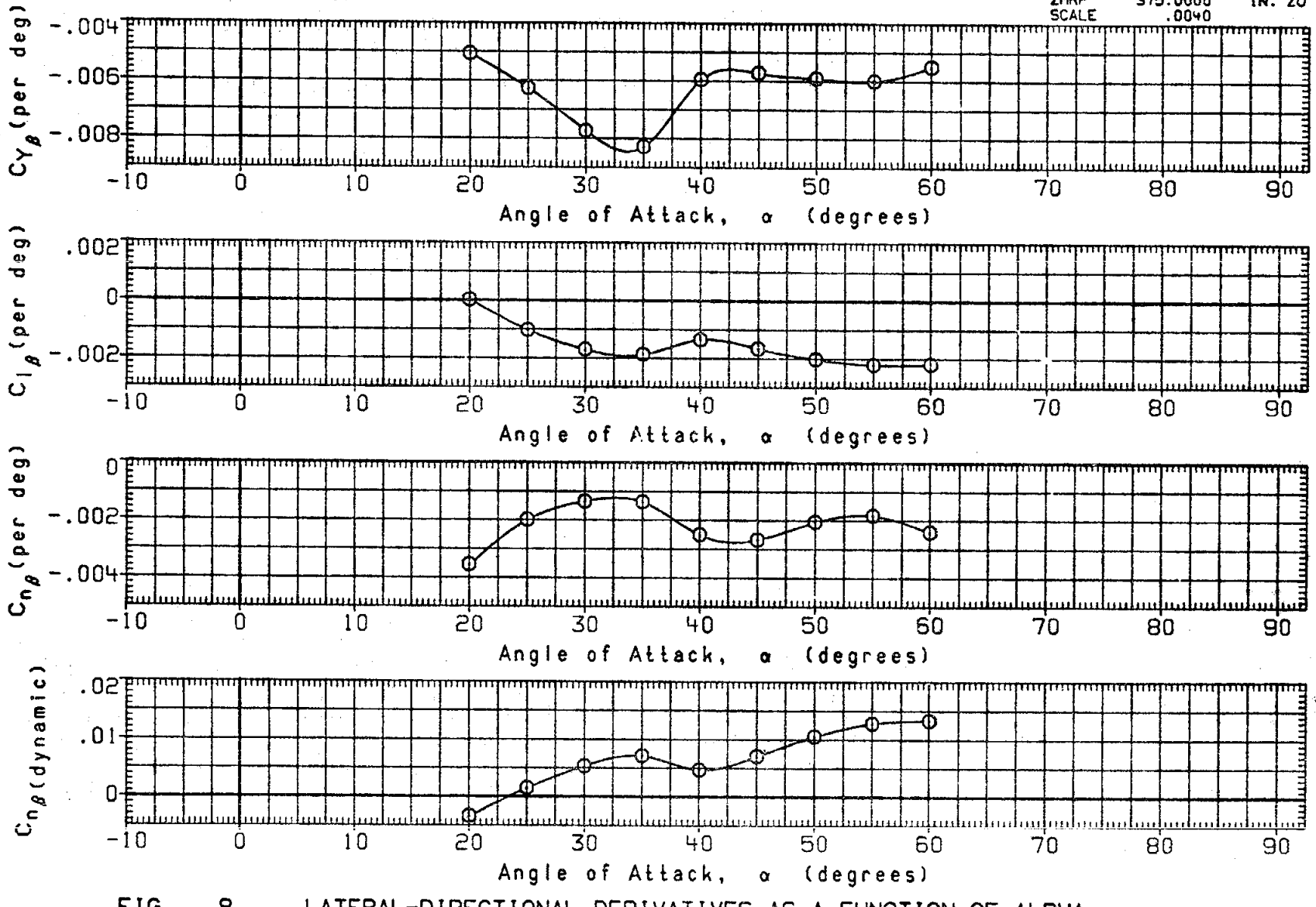

FIG. 8 LATERAL-DIRECTIONAL DERIVATIVES AS A FUNCTION OF ALPHA
MACH = 6.0

RKZ029

CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL

BETA	PARAMETRIC VALUES			
-1.000	ELEVON	.000	RN/L	4.500
.000	AILRON	.000	PHI	.000
	BDFLAP	.000	MACH	6.000
	SPDBRK	85.000	SWEEP	1.000
	RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

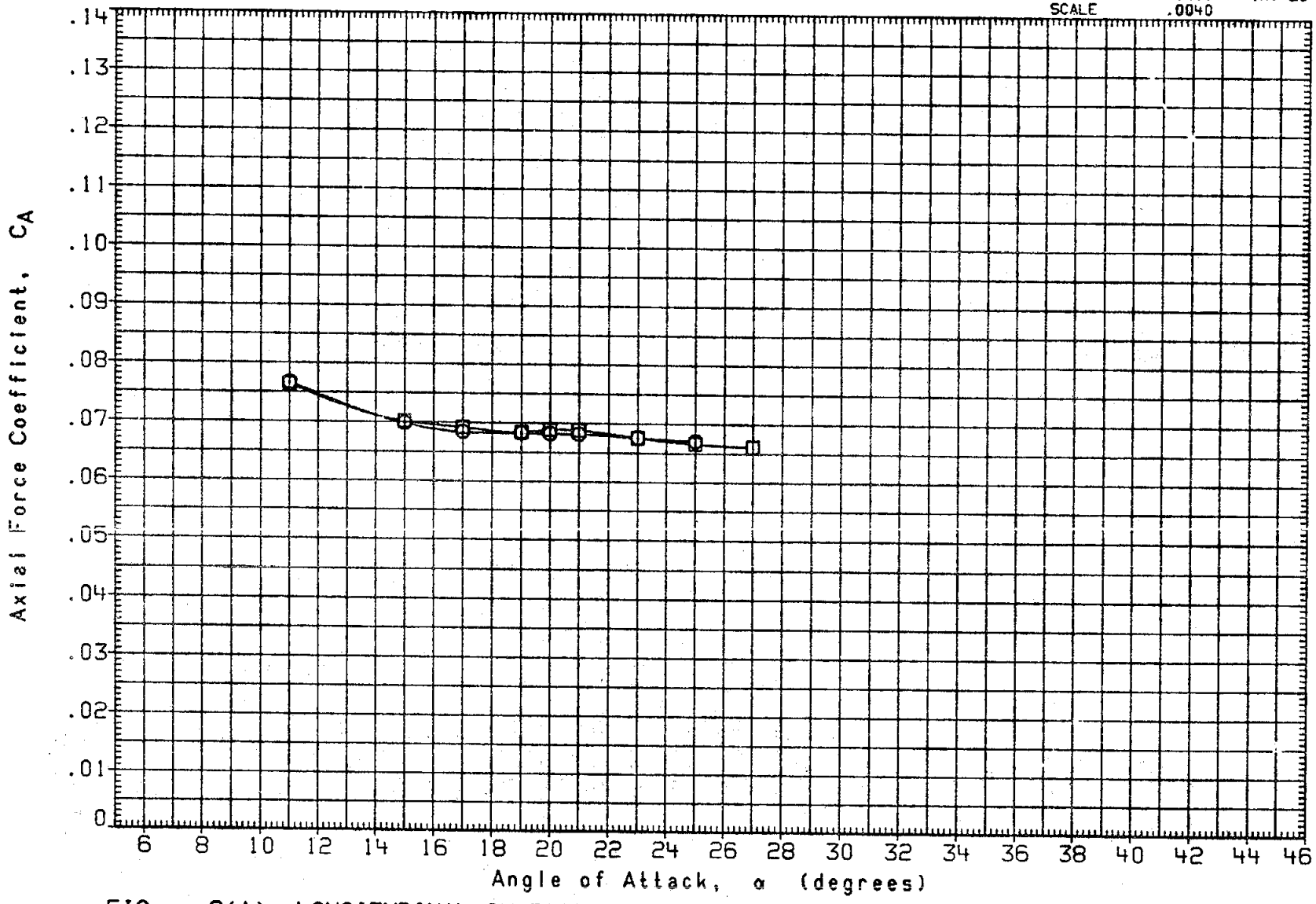

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ029 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL BETA

○ -1.000

□ .000

PARAMETRIC VALUES

ELEVON	.000	RN/L	4.500
AILRON	.000	PHI	.000
BDFLAP	.000	MACH	6.000
SPDBRK	85.000	SWEEP	1.000
RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

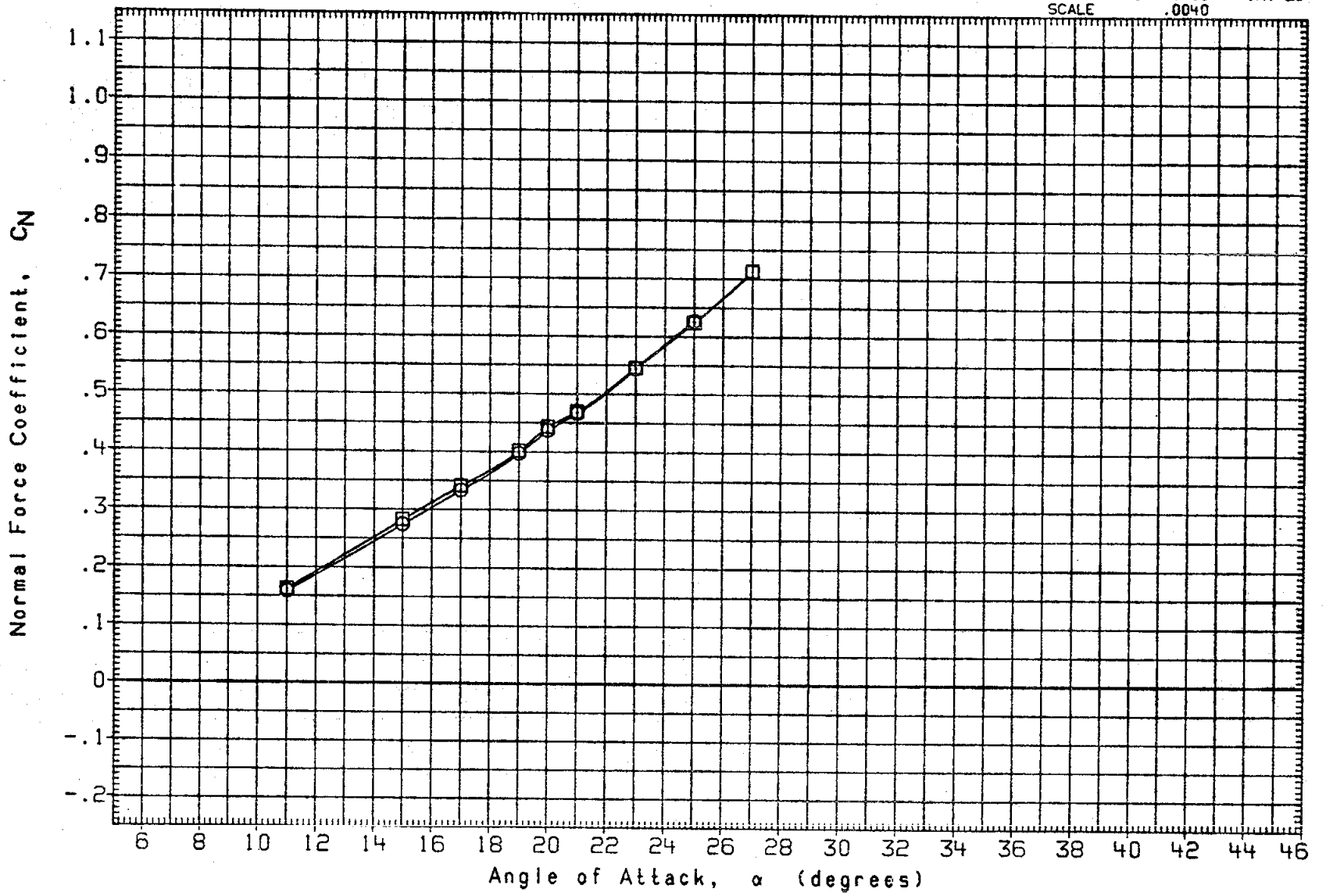

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ029 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-1.000	ELEVON	.000	RN/L	4.500
□	.000	AILRON	.000	PHI	.000
		BDFLAP	.000	MACH	6.000
		SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

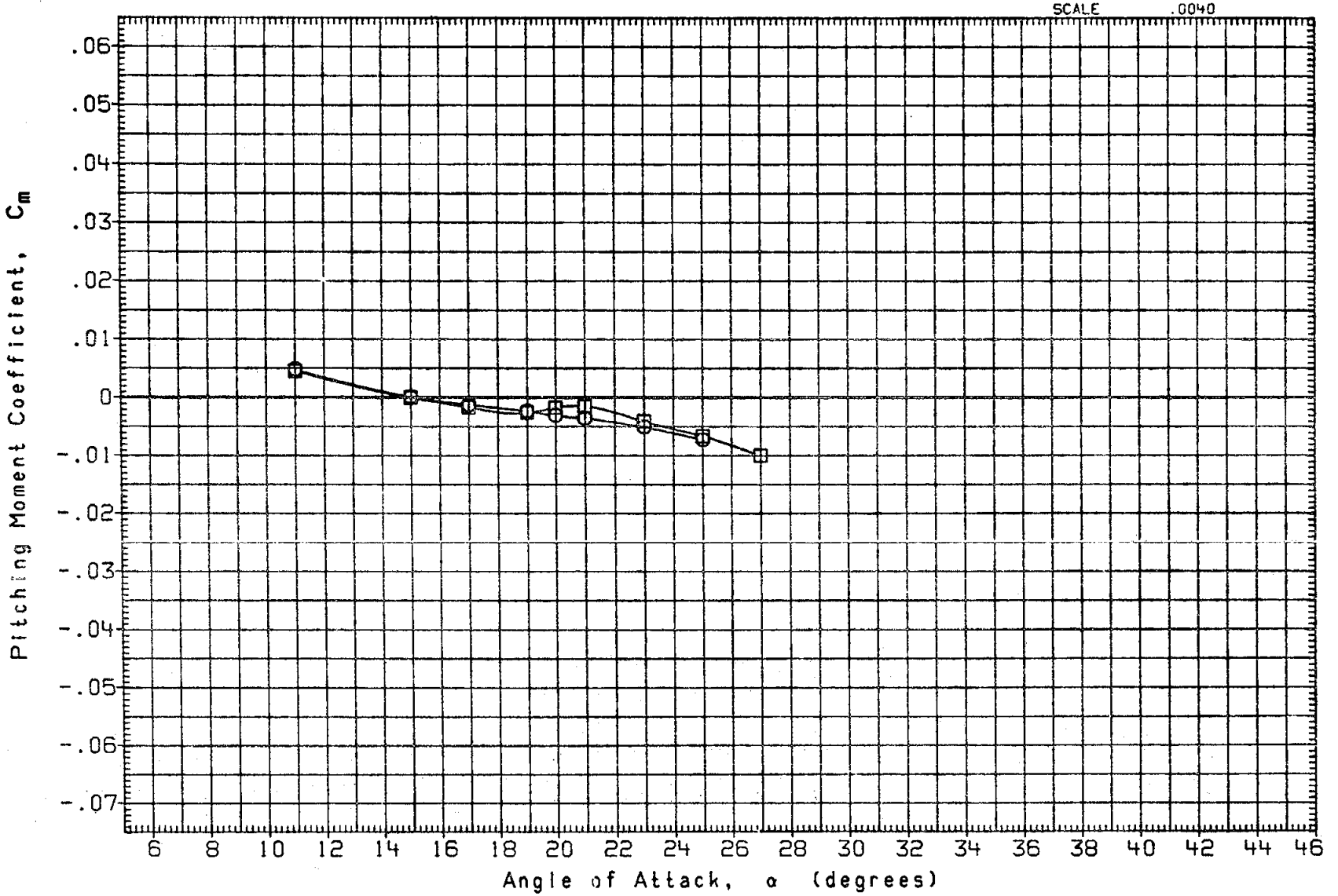

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ029

SYMBOL

CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

BETA	PARAMETRIC VALUES			
-1.000	ELEVON	.000	RN/L	4.500
.000	AILRON	.000	PHI	.000
	BDFLAP	.000	MACH	6.000
	SPDBRK	85.000	SWEEP	1.000
	RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

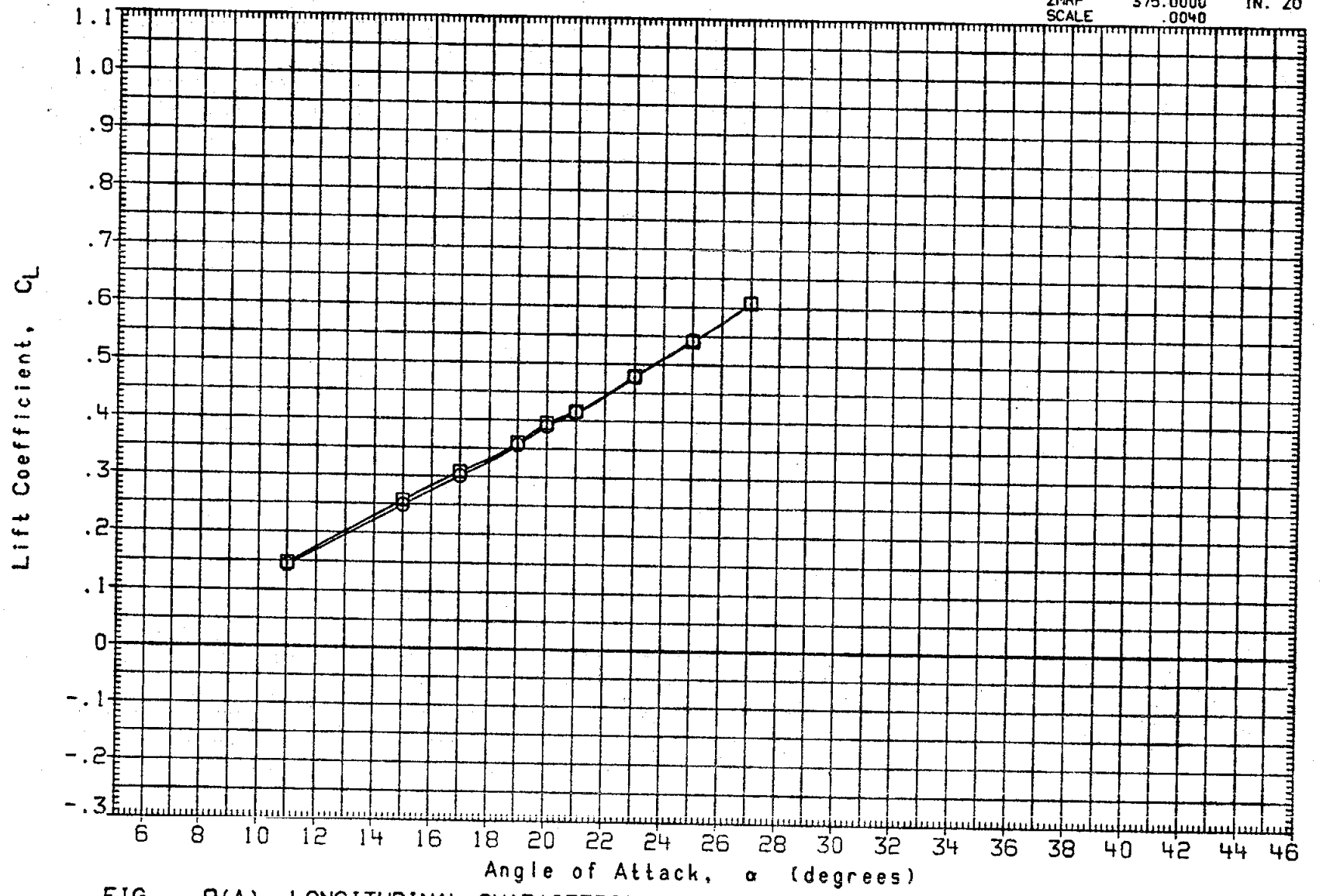

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ029 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL BETA

□ -1.000
○ .000

PARAMETRIC VALUES

ELEVON	.000	RN/L	4.500
AILRON	.000	PHI	.000
BOFLAP	.000	MACH	6.000
SPDBRK	85.000	SWEEP	1.000
RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

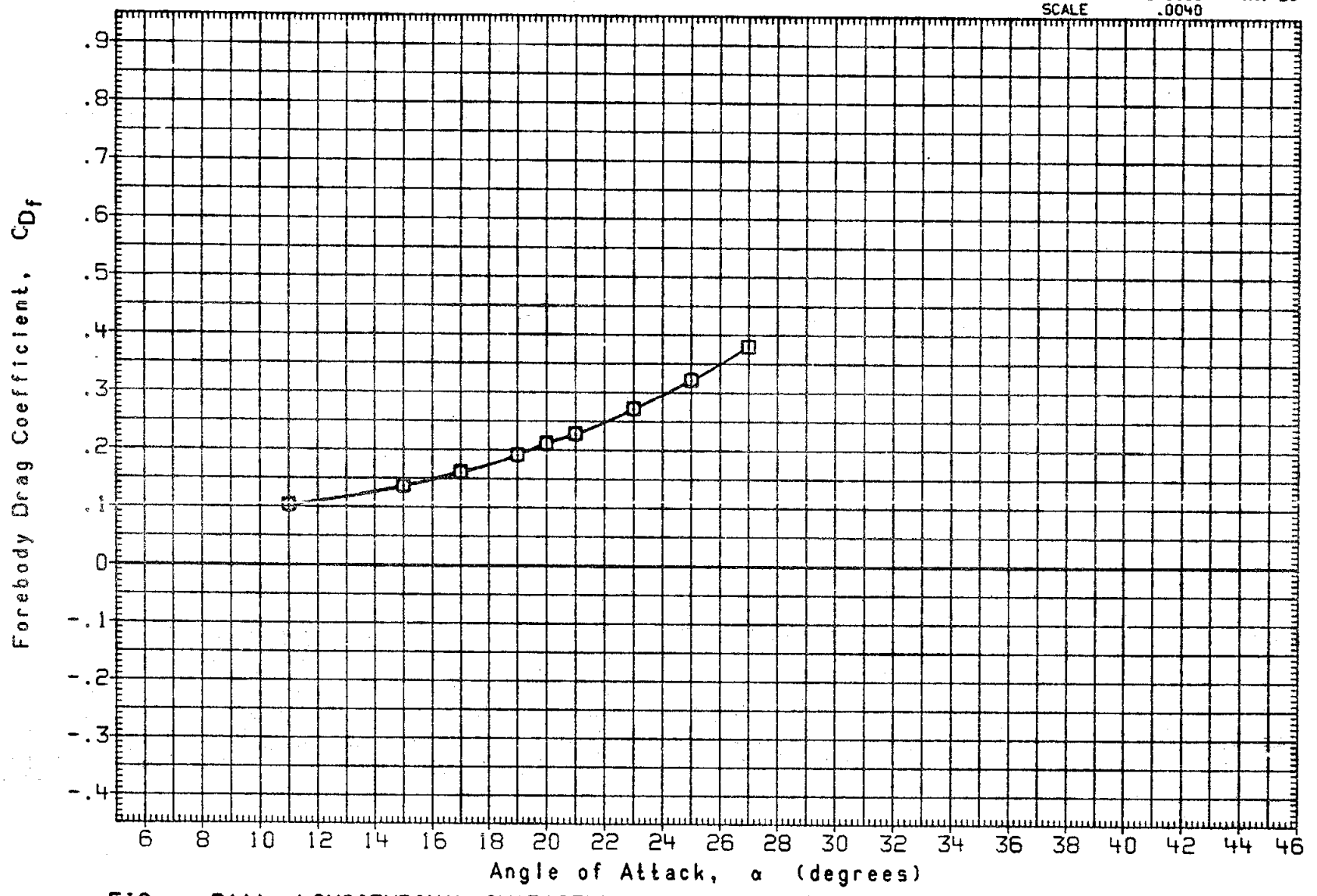

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ029 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-1.000	ELEVON	.000	RN/L	4.500
□	.000	AILRON	.000	PHI	.000
		BDFLAP	.000	MACH	6.000
		SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

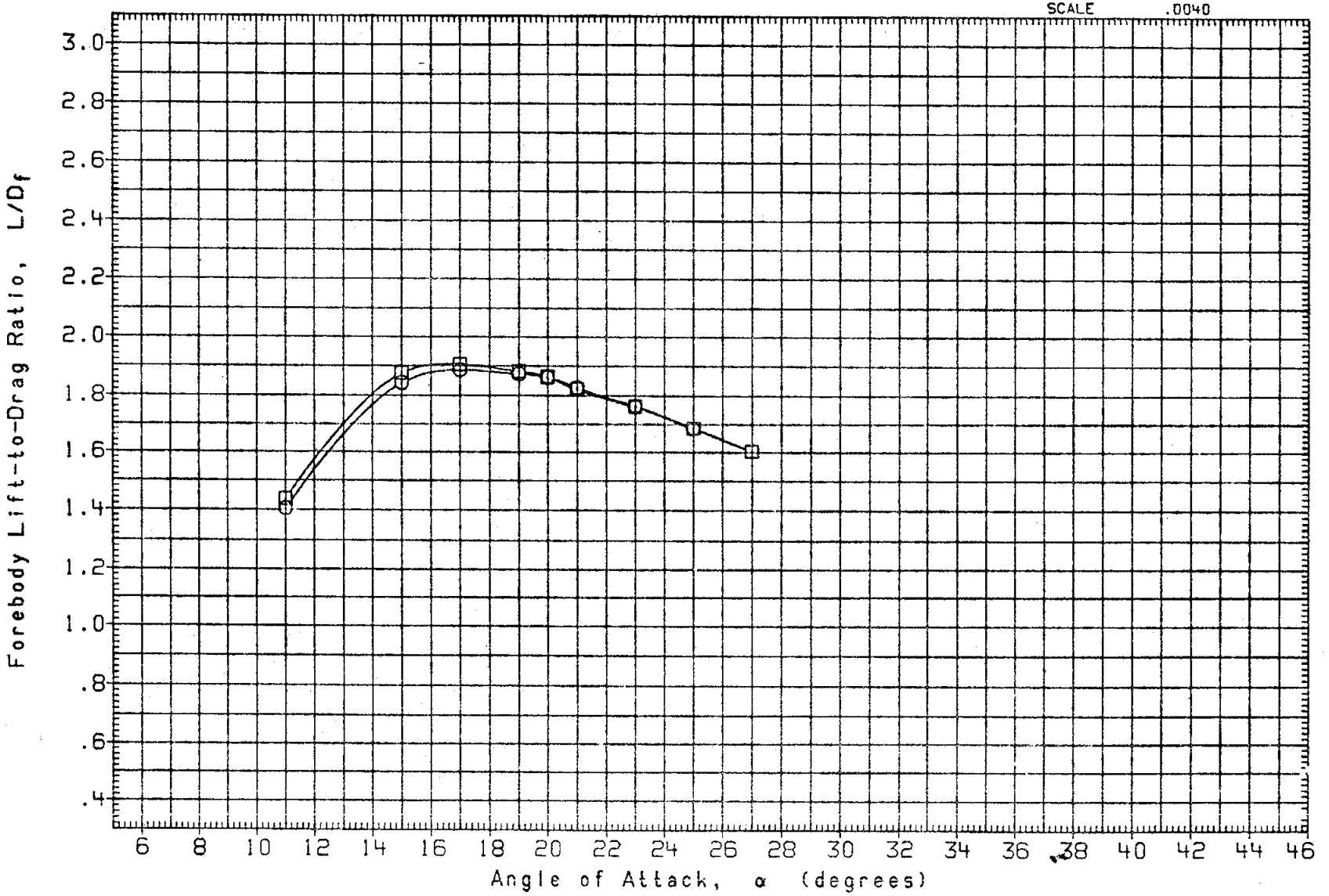

FIG. 9(A) LONGITUDINAL CHARACTERISTICS, RN/L = 4.5

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

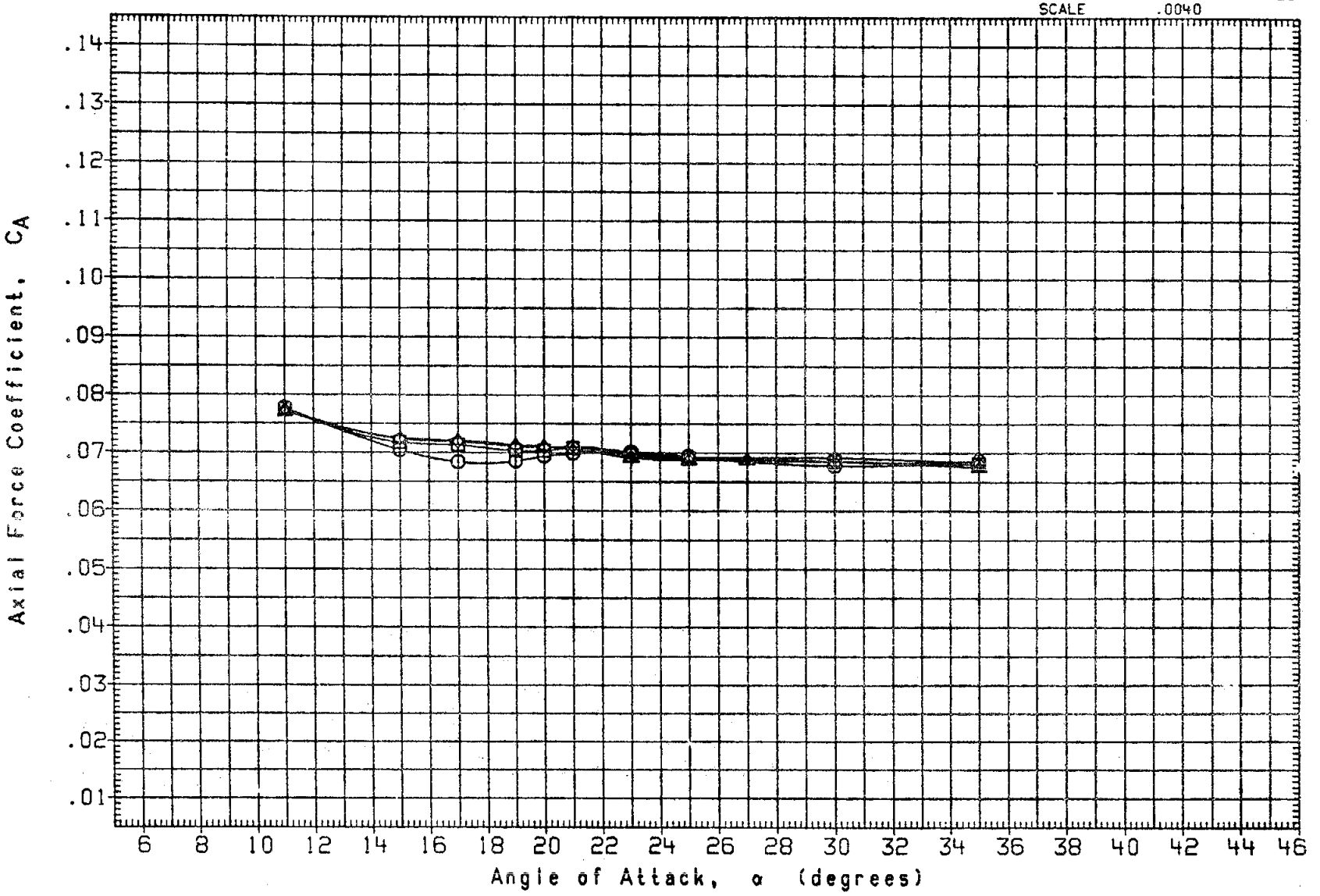

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

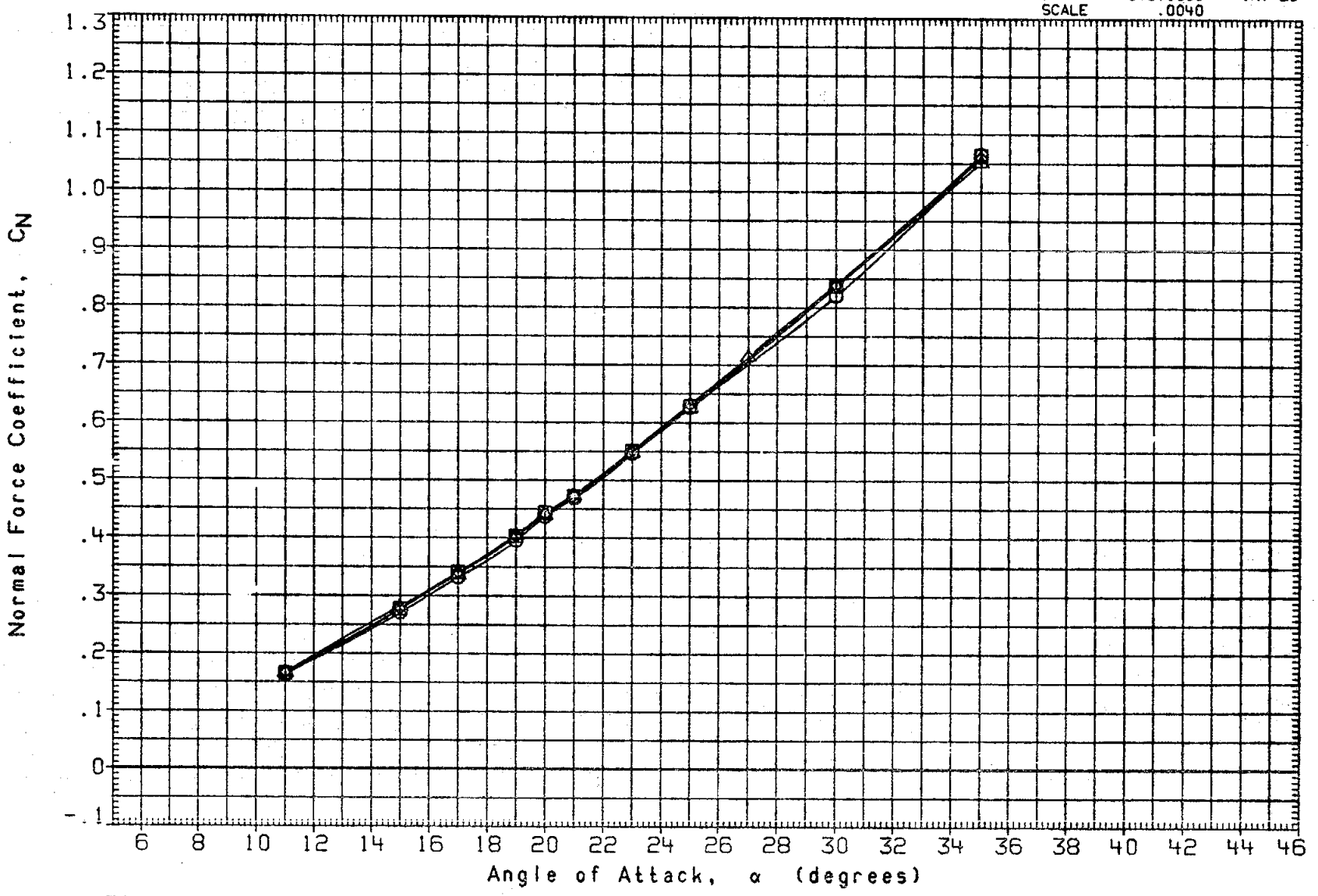

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

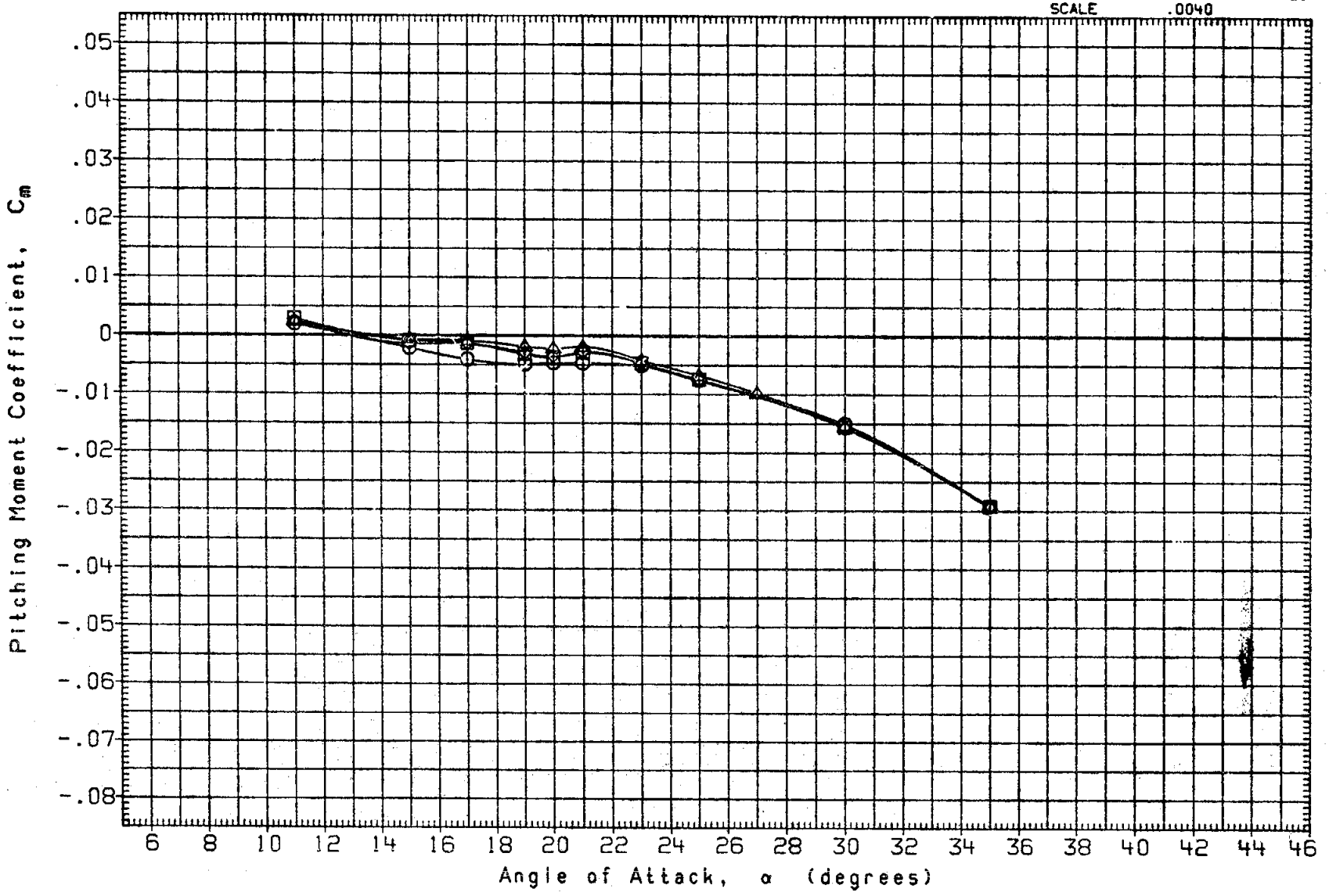

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

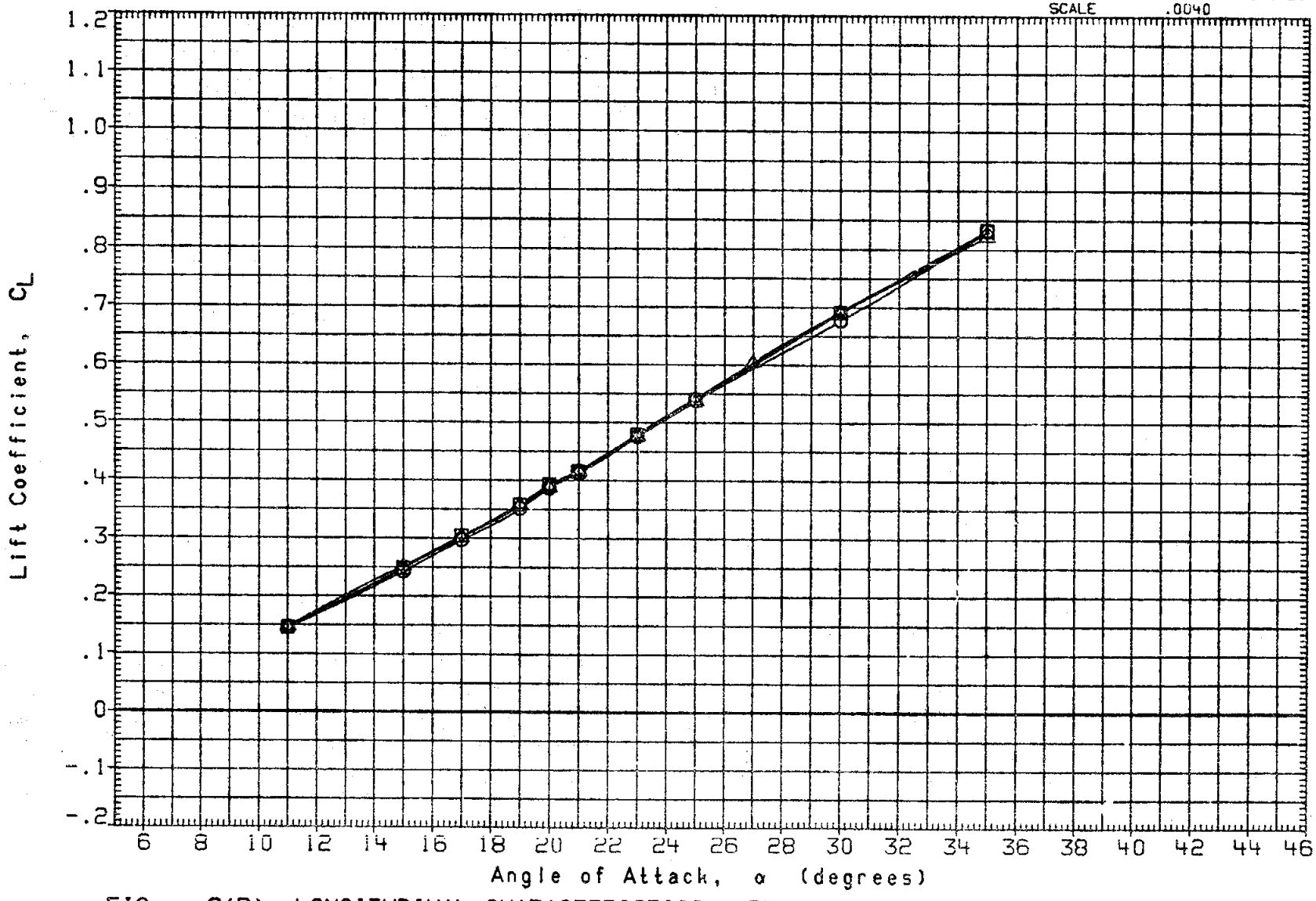

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

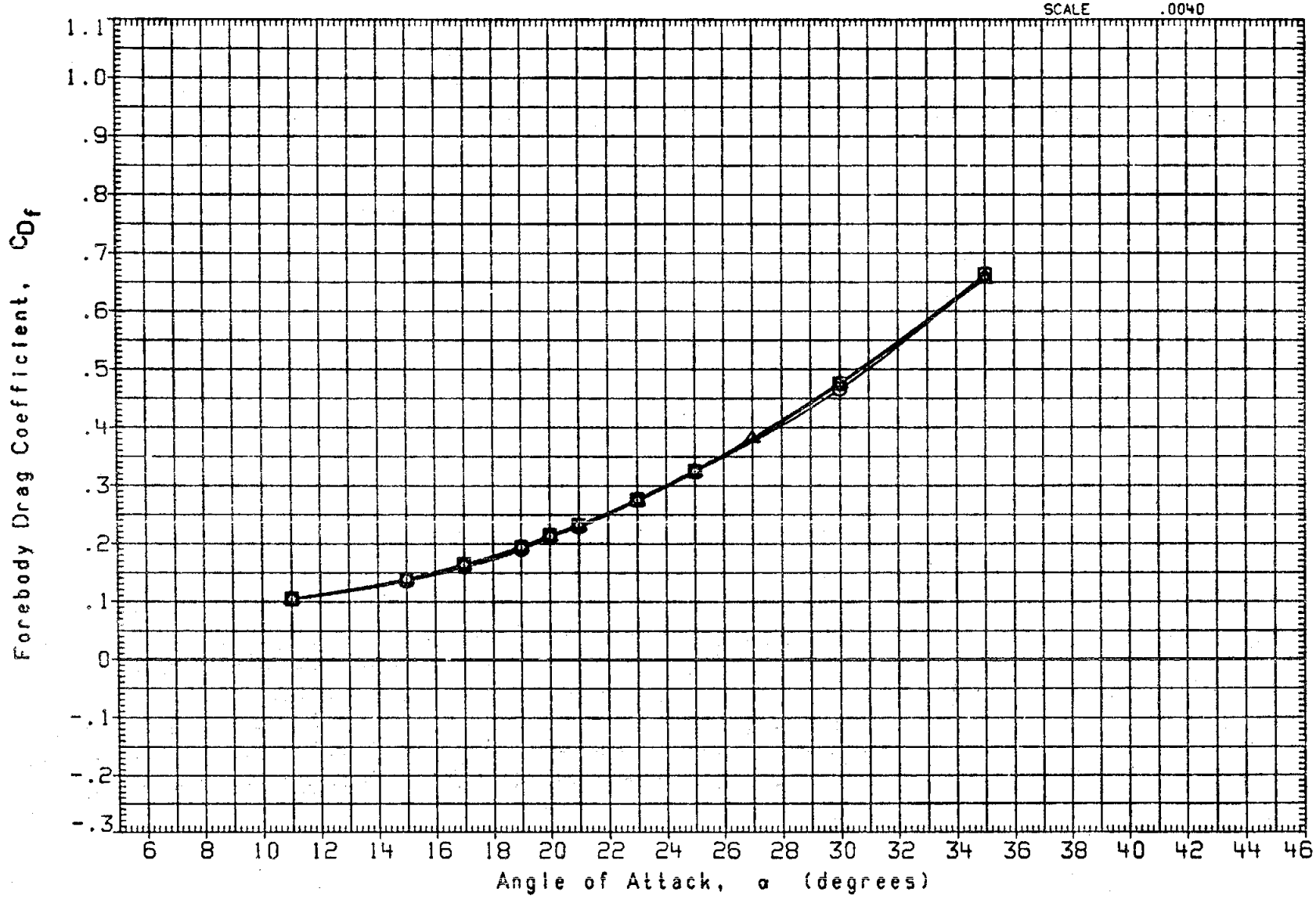

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

RKZ030 CONFIGURATION LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)

SYMBOL	BETA	PARAMETRIC VALUES			
○	-2.000	ELEVON	.000	RN/L	2.300
□	-1.000	AILRON	.000	PHI	.000
◇	-.500	BDFLAP	.000	MACH	6.000
△	.000	SPDBRK	85.000	SWEEP	1.000
		RUDDER	1.400		

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

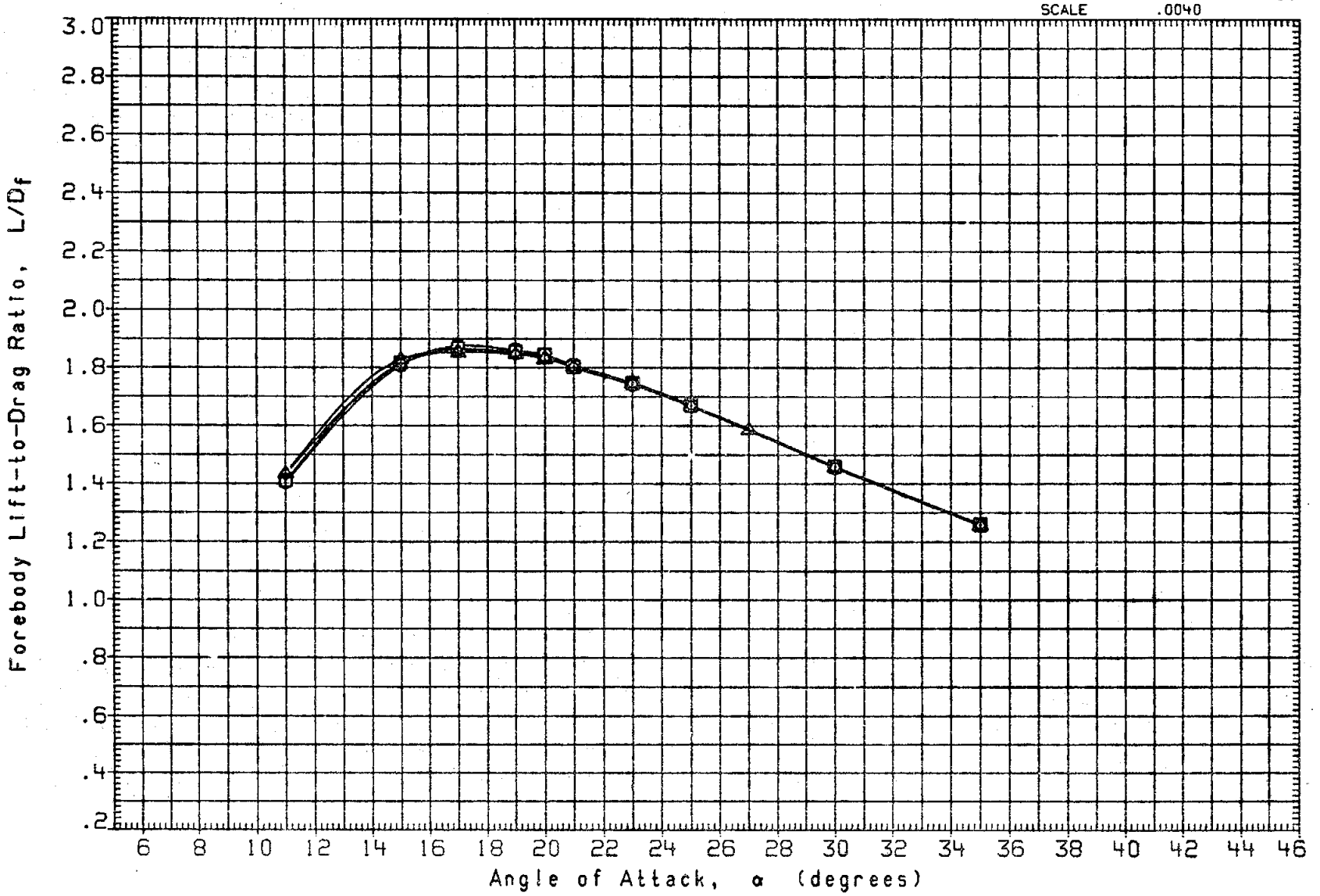

FIG. 9(B) LONGITUDINAL CHARACTERISTICS, RN/L = 2.3

DATA SET	SYMBOL	CONFIGURATION	RN/L	SPDBRK	PHI
CKZ029	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	4.500	85.000	.000
CKZ030	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	2.300	85.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

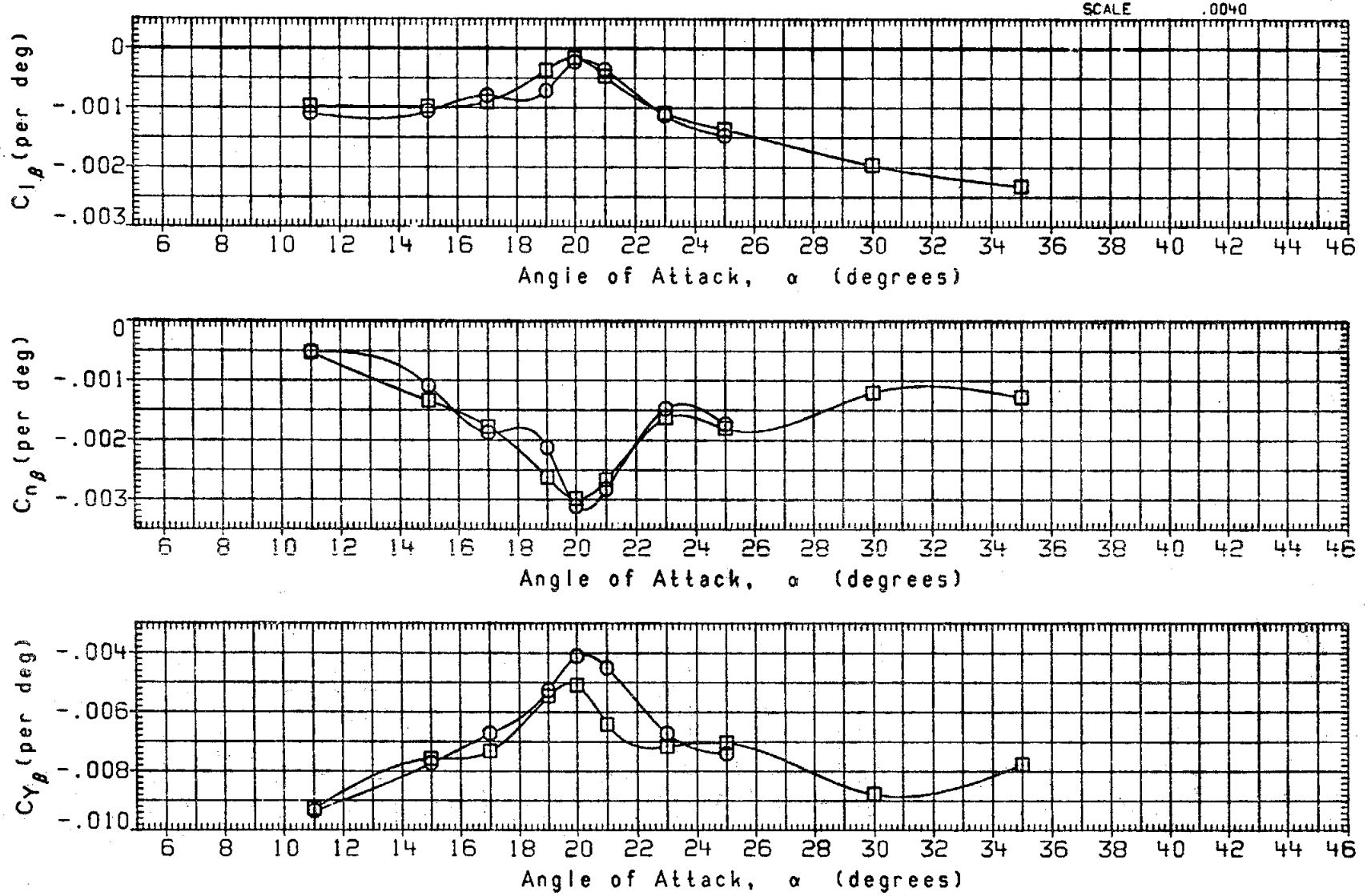

FIG. 10 LATERAL-DIRECTIONAL DERIVATIVES VS. ALPHA

(A)BETA = -1.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

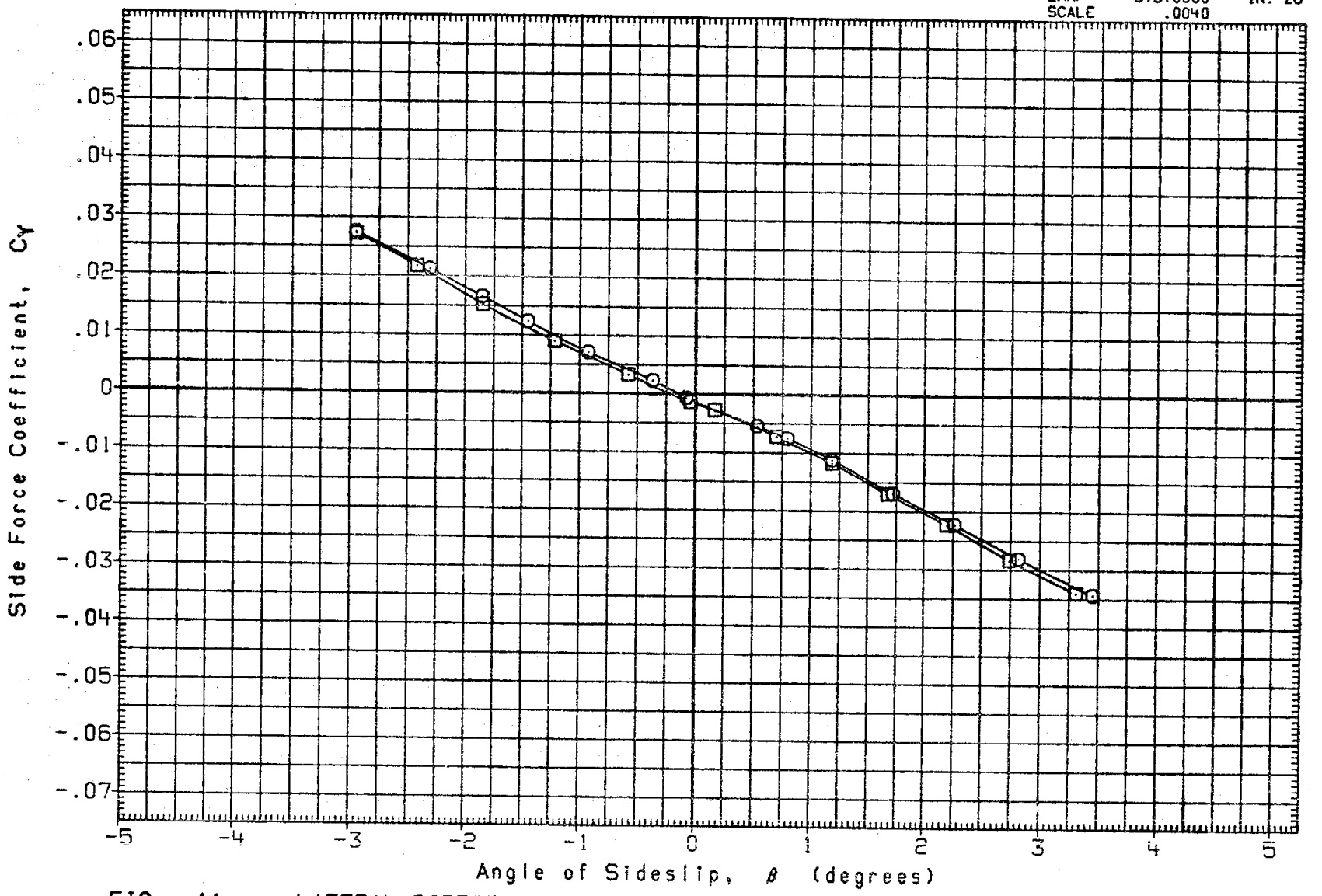

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 15.60

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

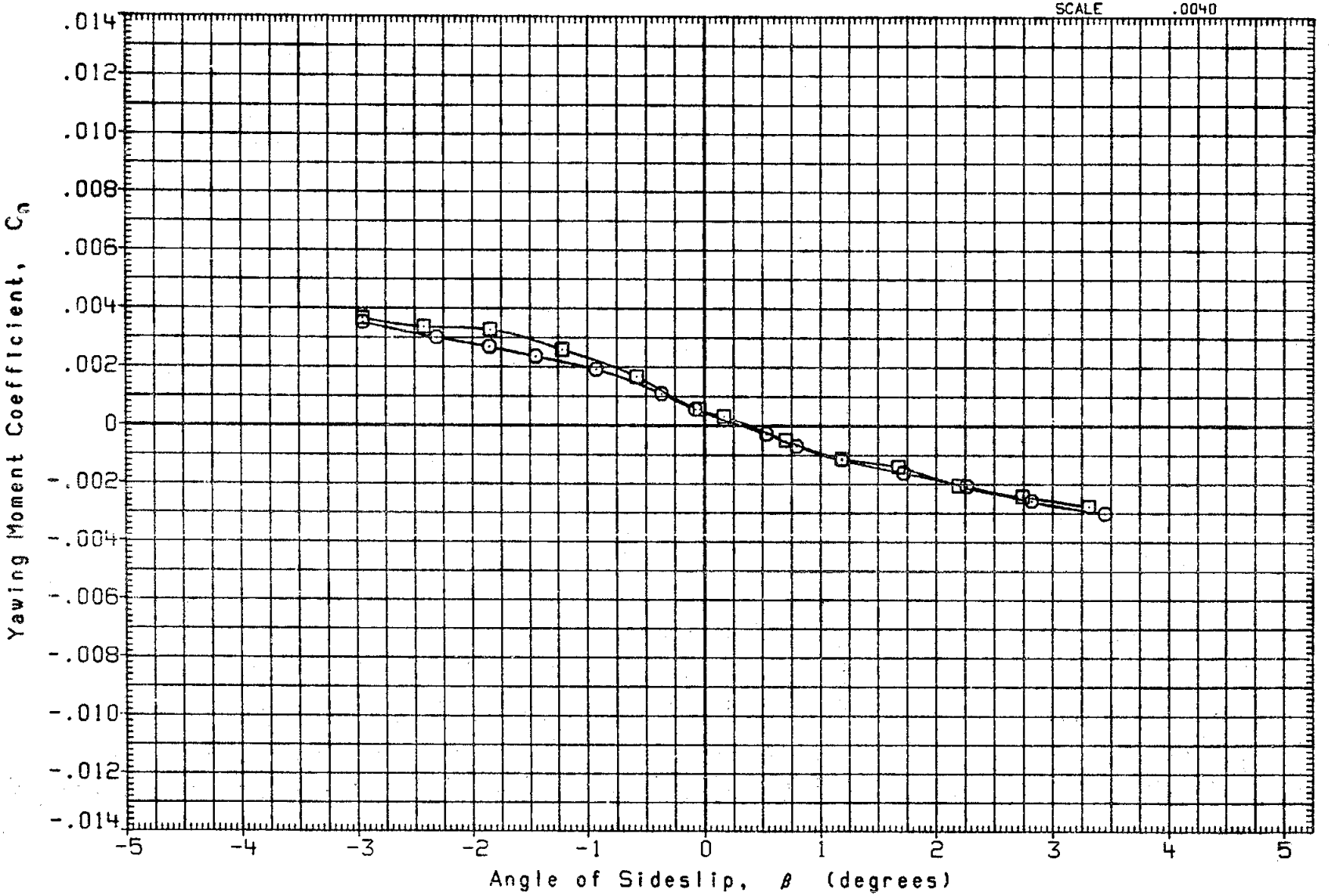

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 15.60

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

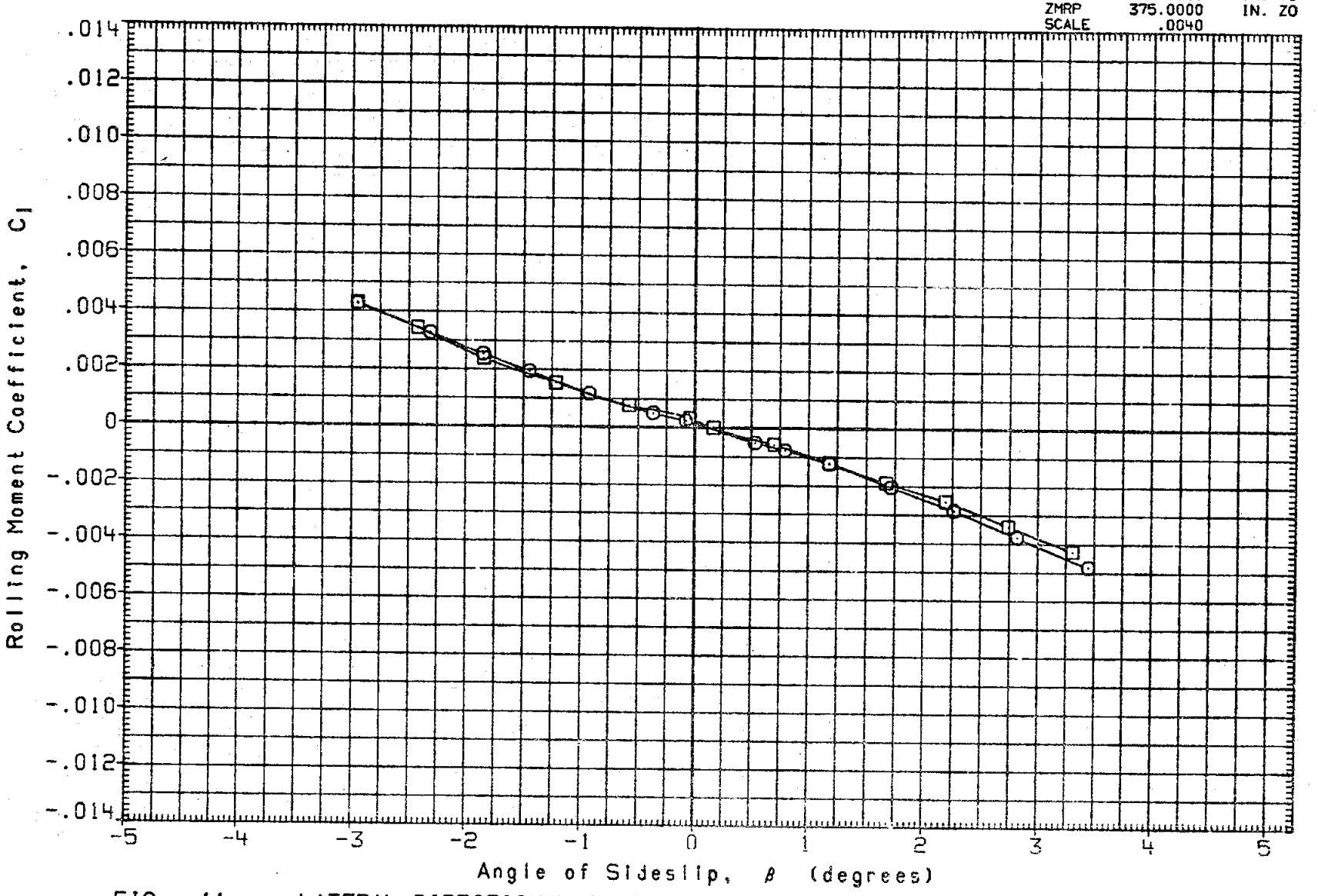

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 15.60

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

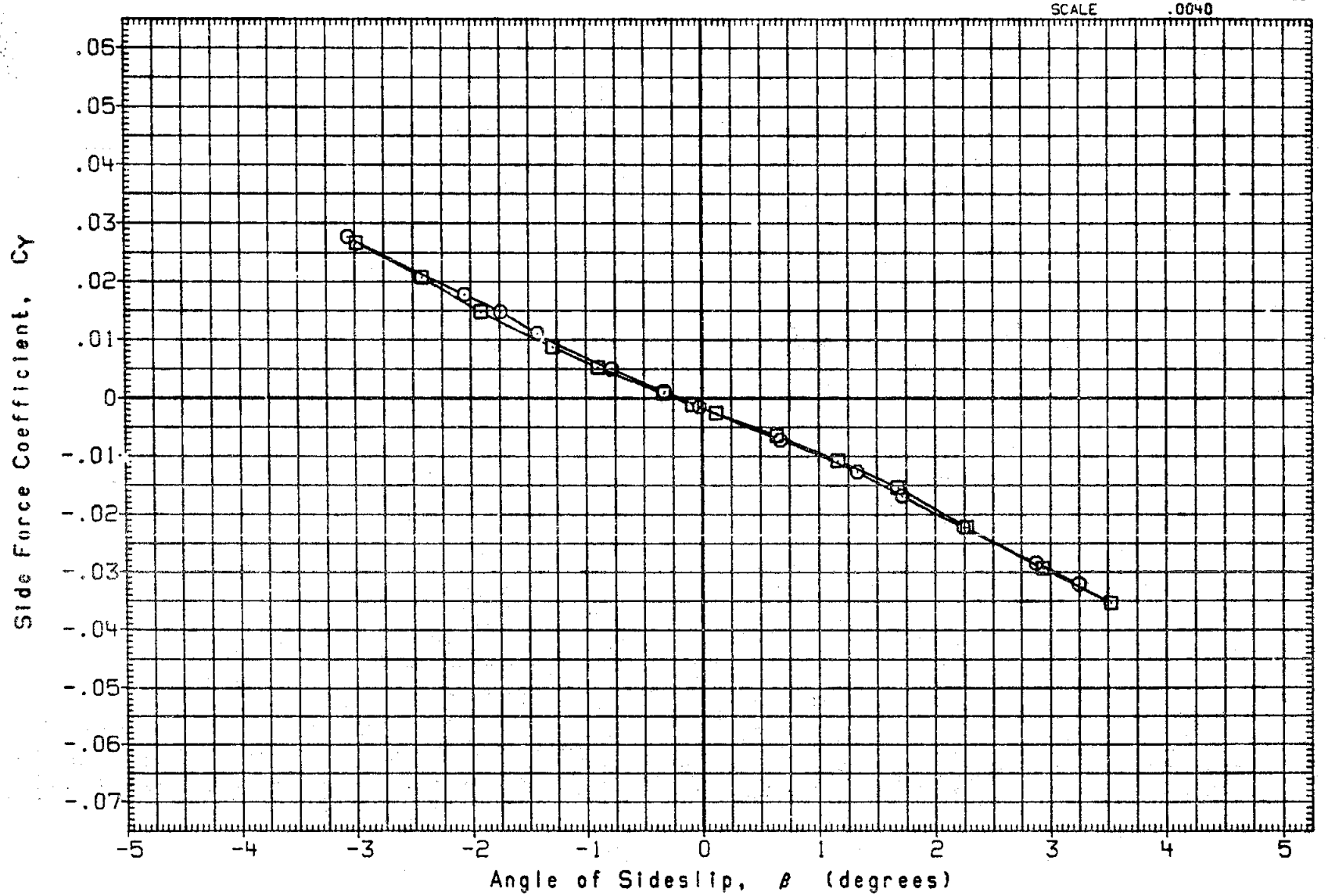

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(B)ALPHA = 16.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

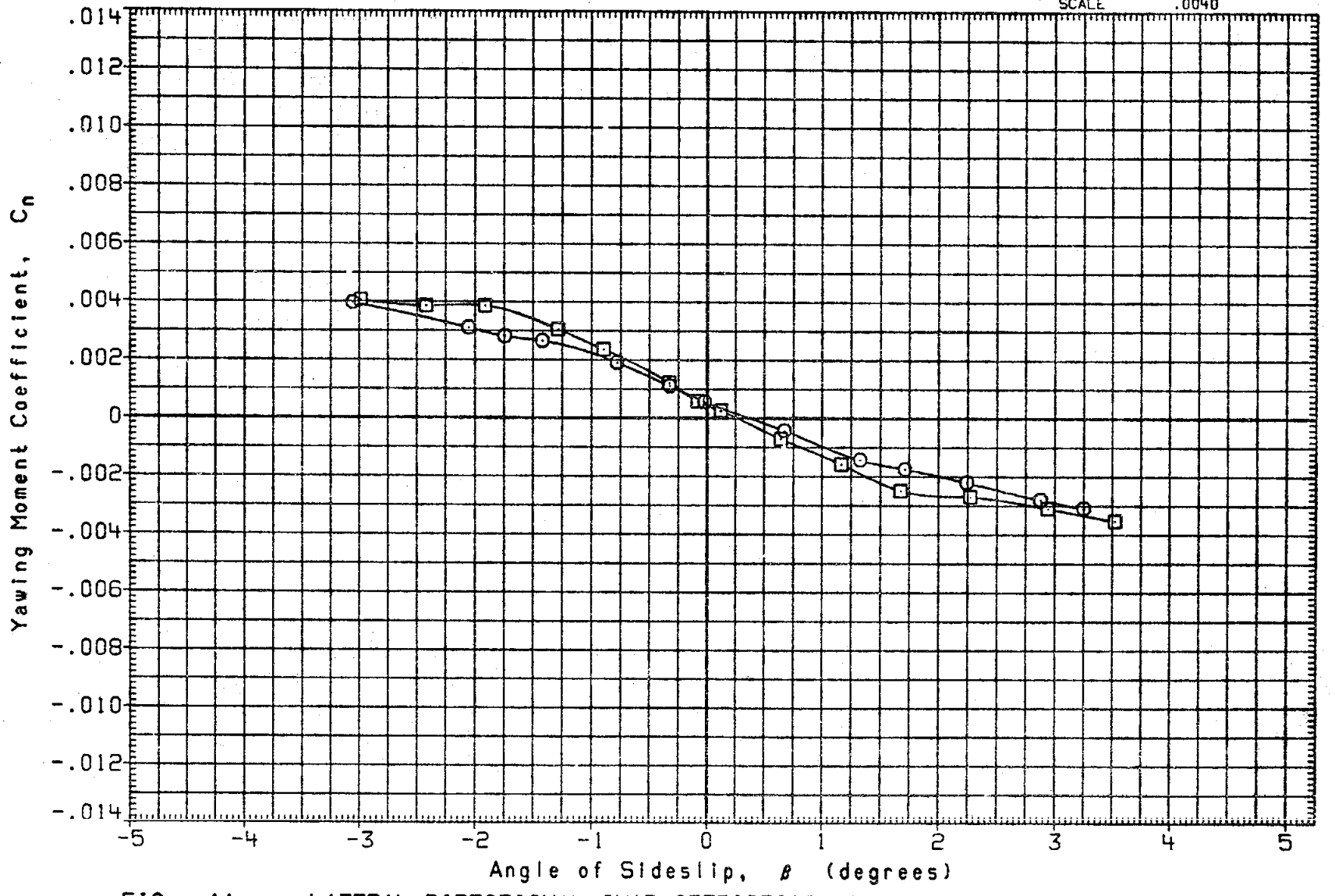

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(B)ALPHA = 16.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

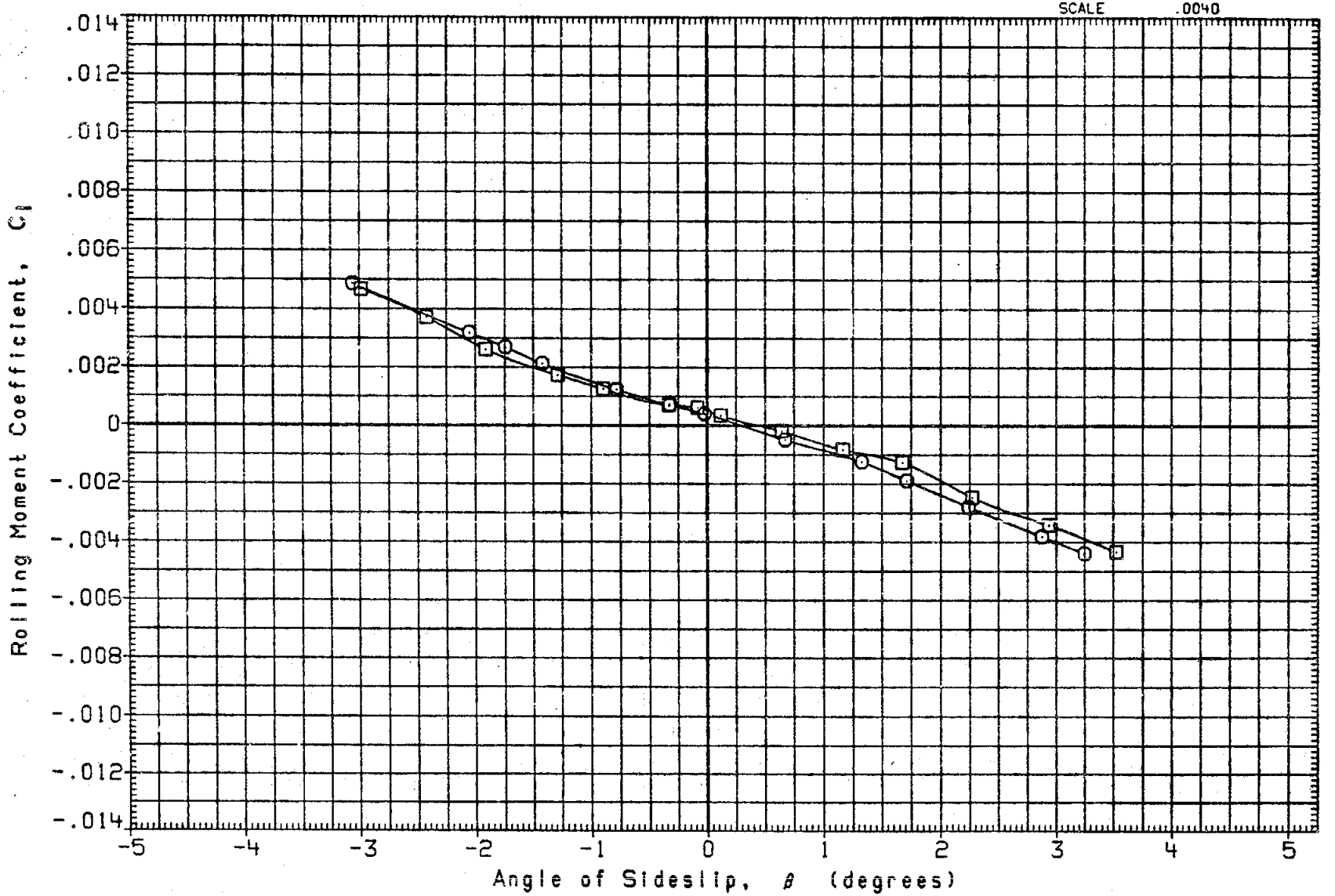

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(B)ALPHA = 16.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

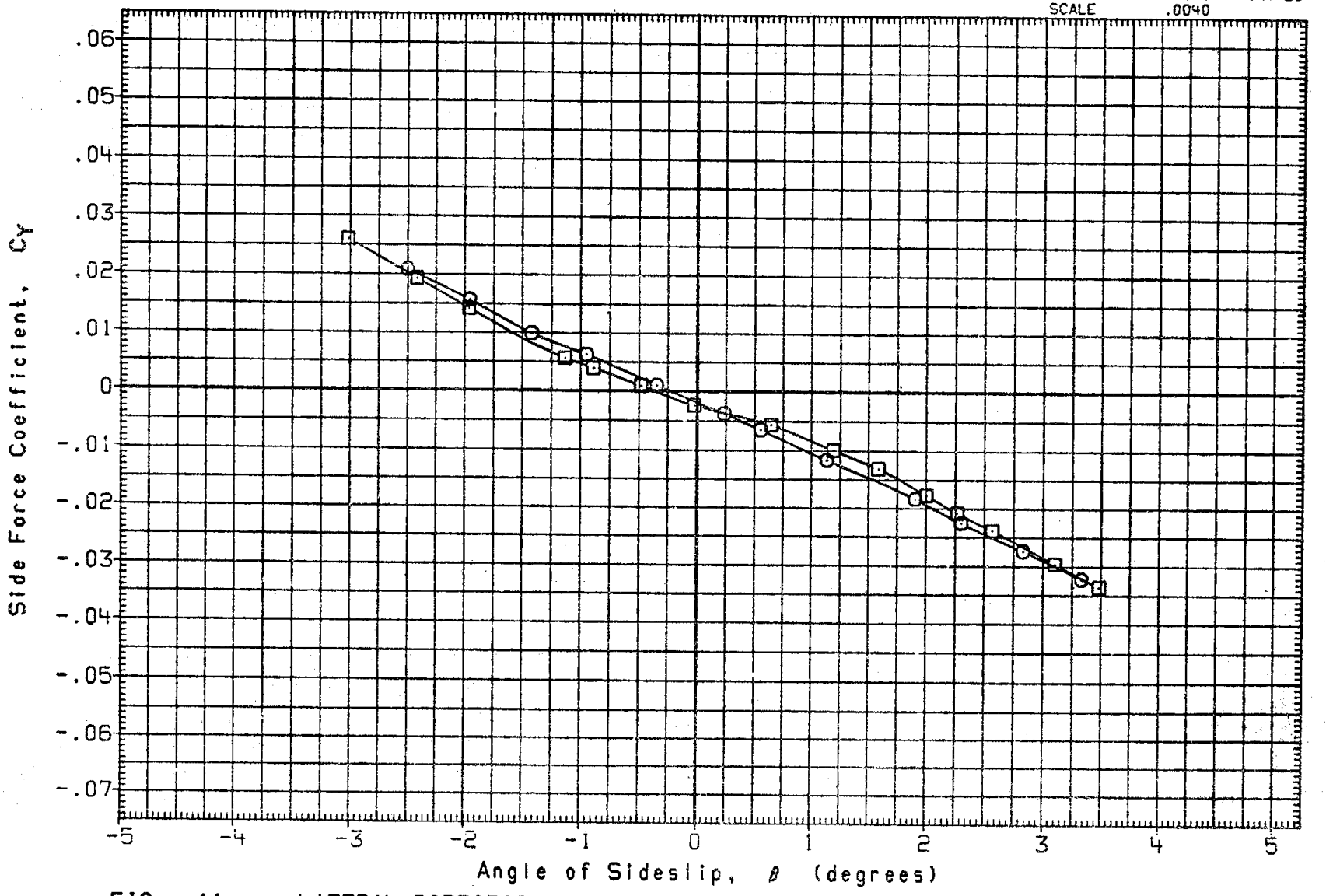

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(C)ALPHA = 18.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

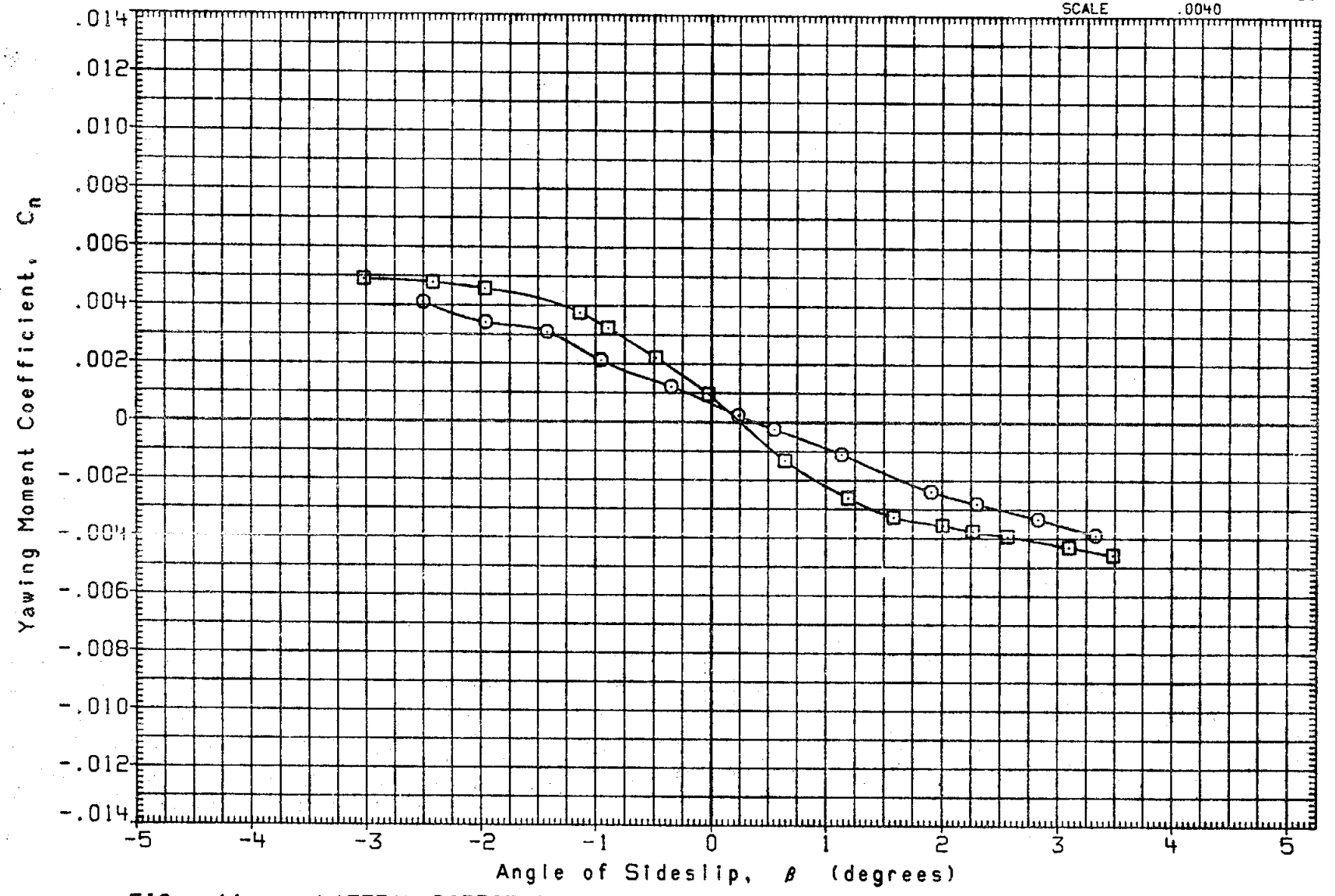

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(C)ALPHA = 18.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

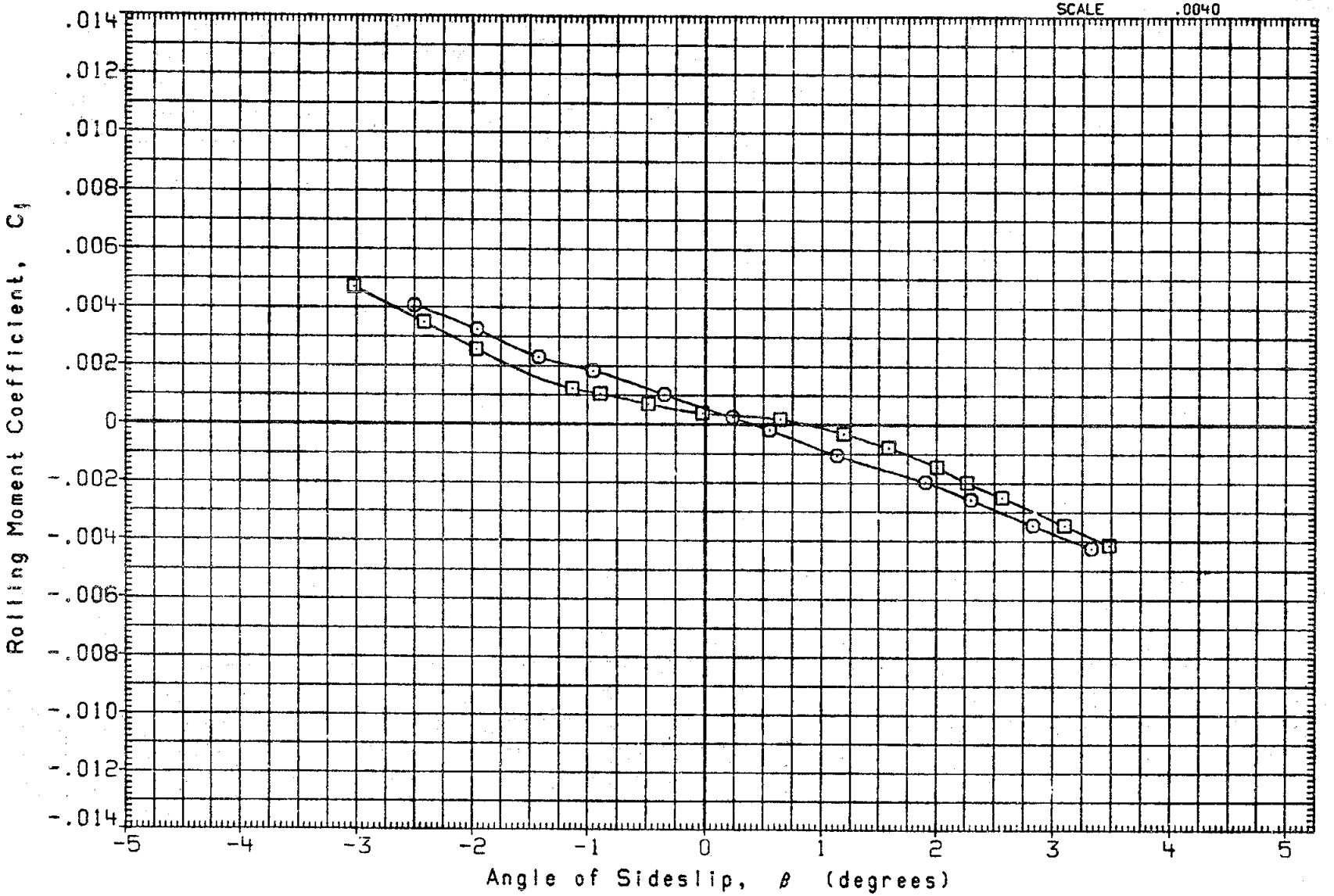

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(C)ALPHA = 18.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

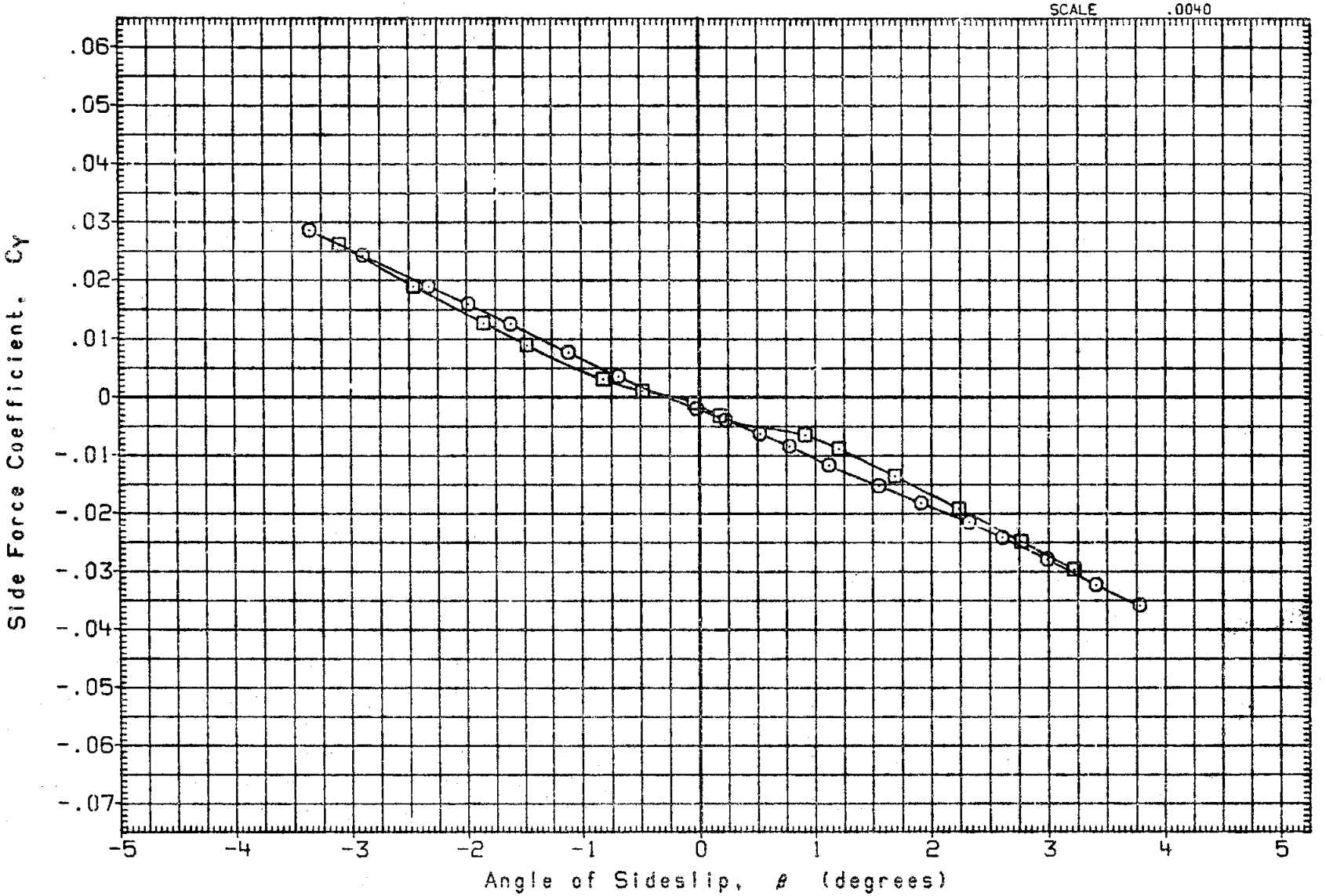

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(D)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

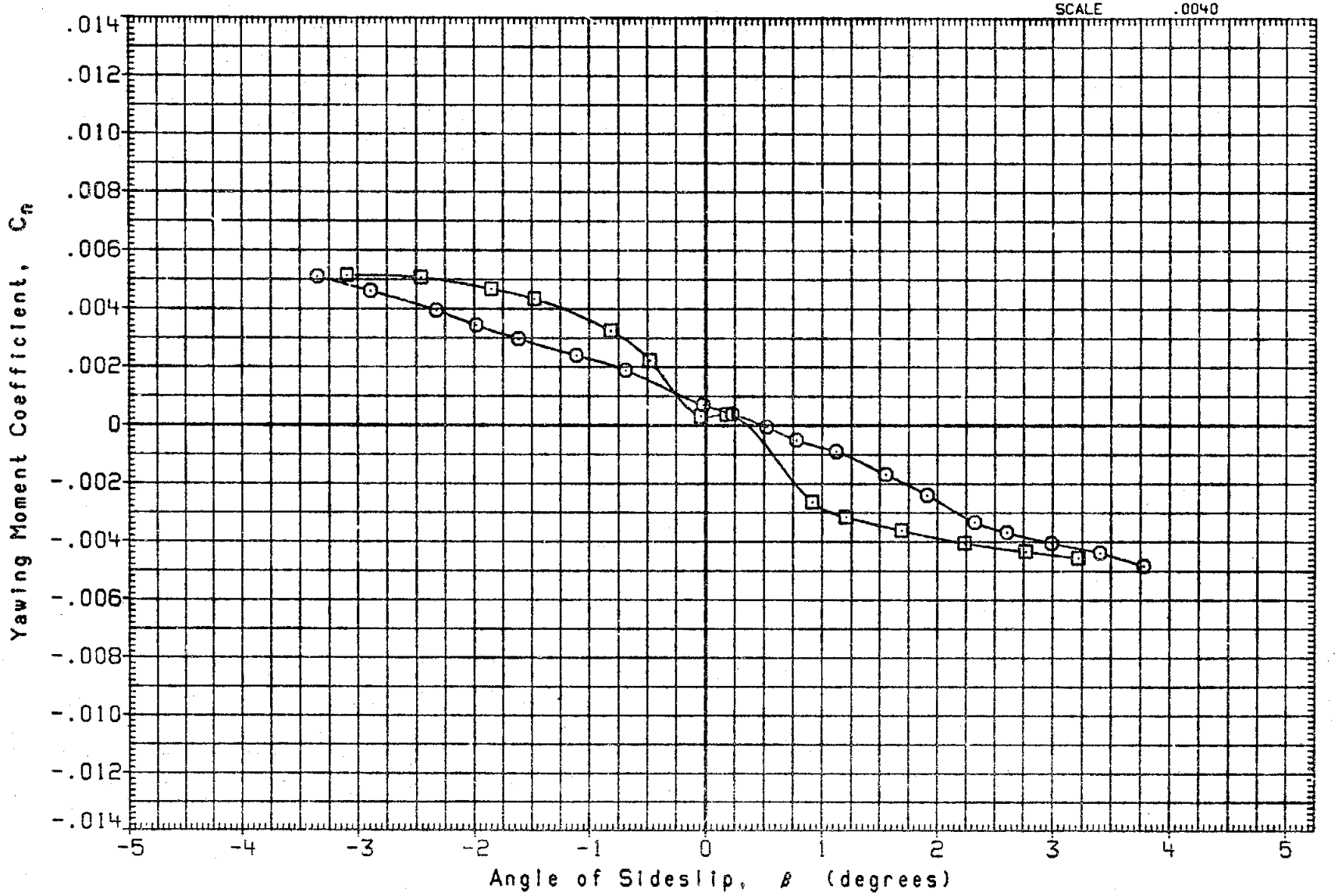

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(D)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

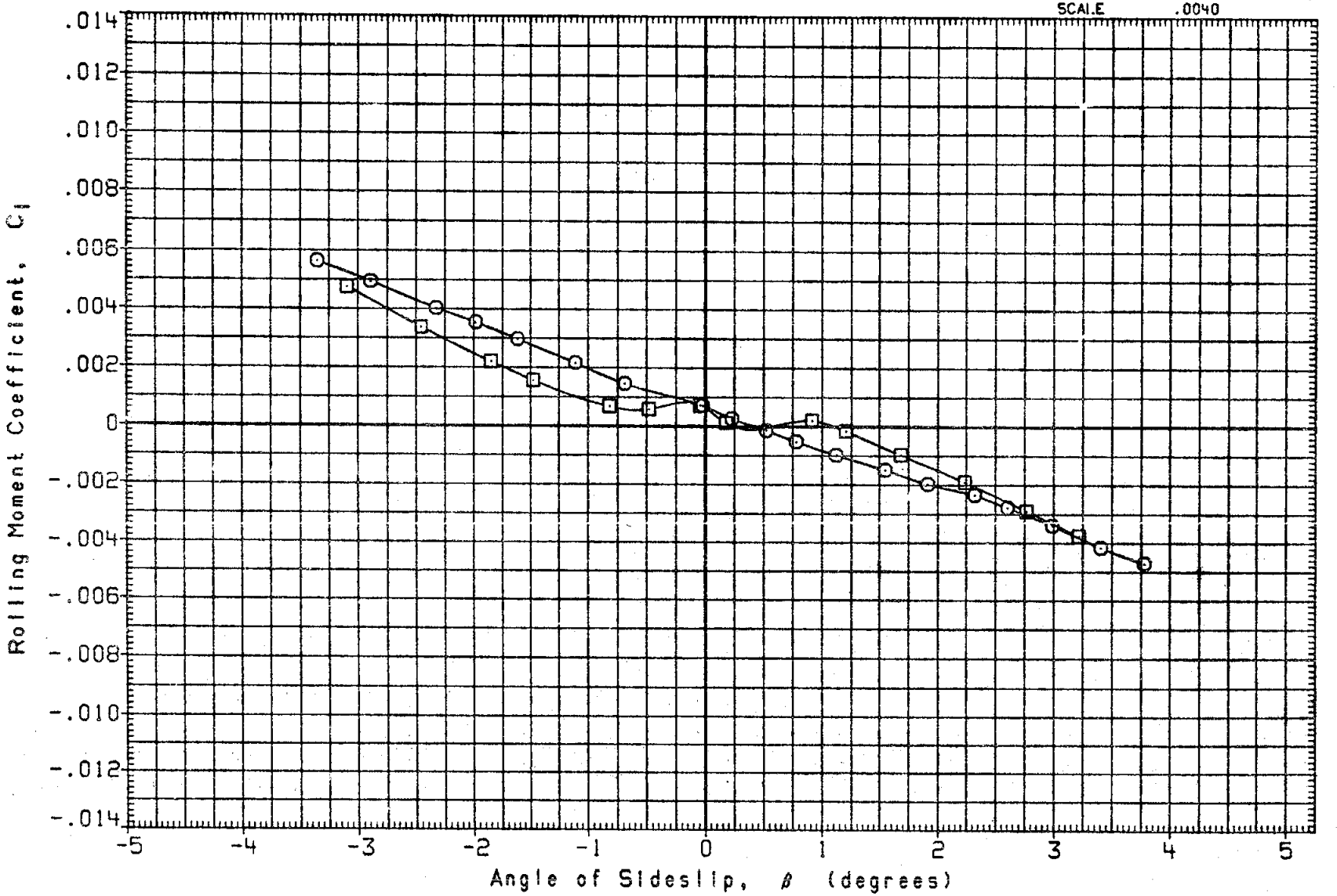

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(D)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

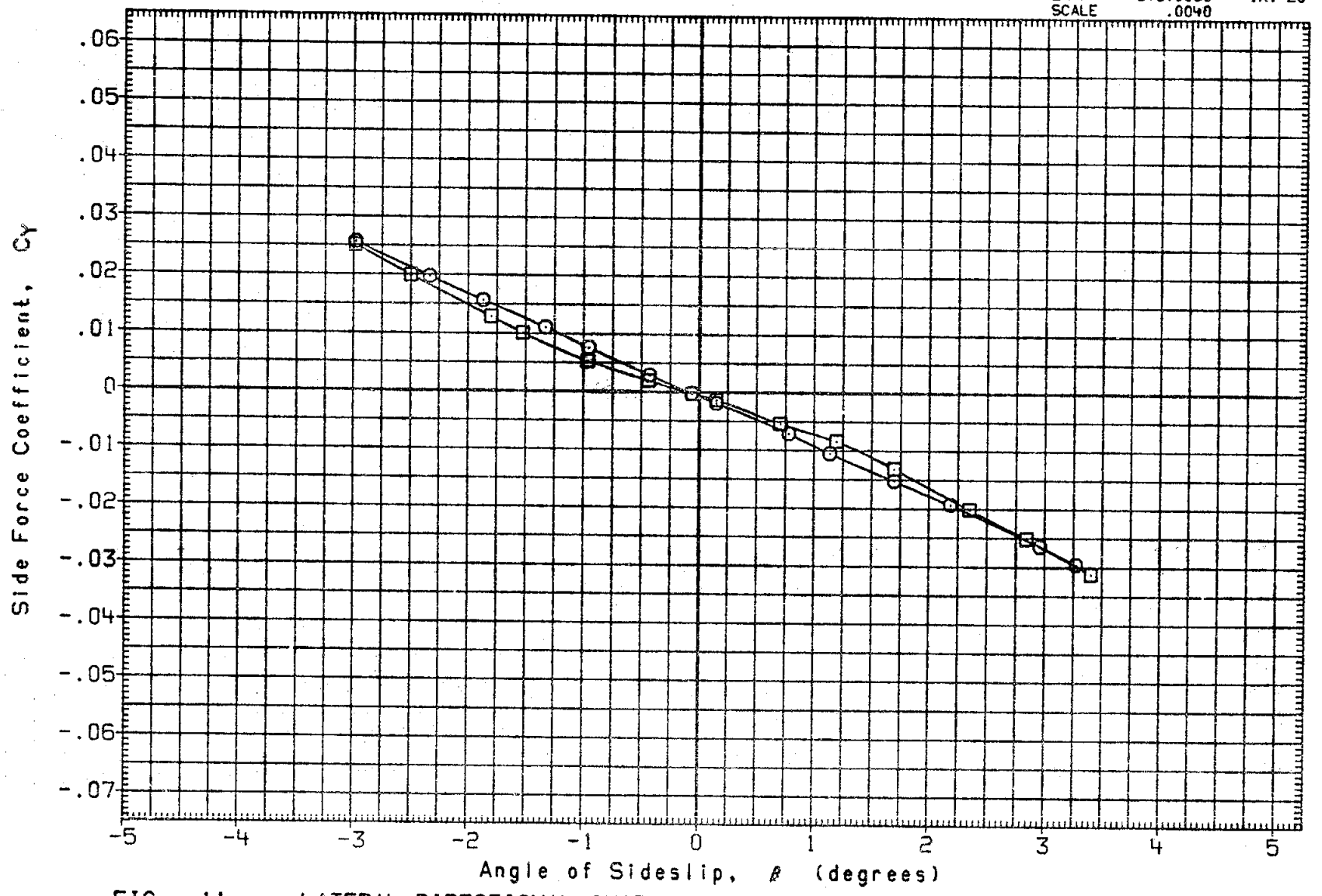

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(E)ALPHA = 21.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

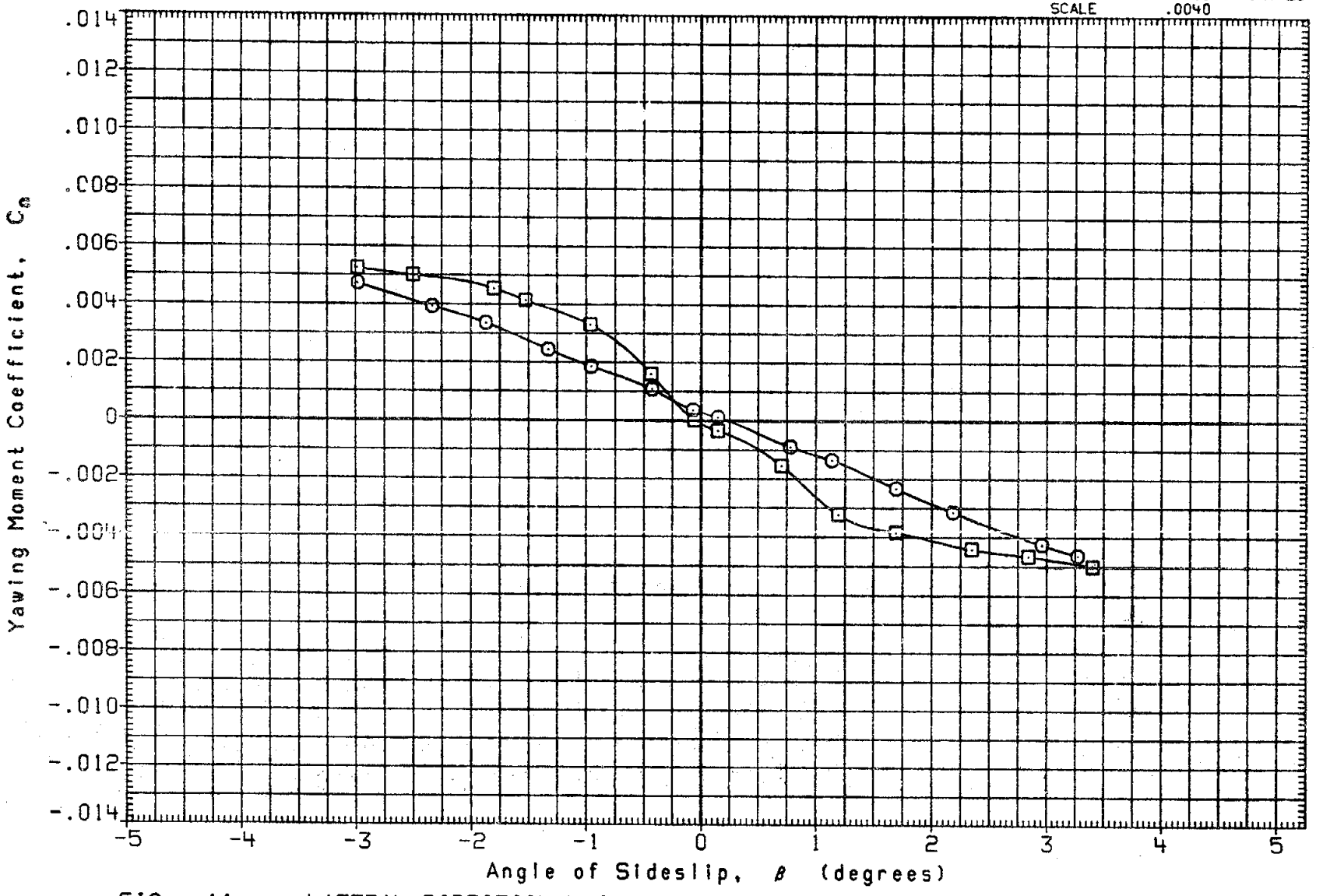

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(E)ALPHA = 21.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

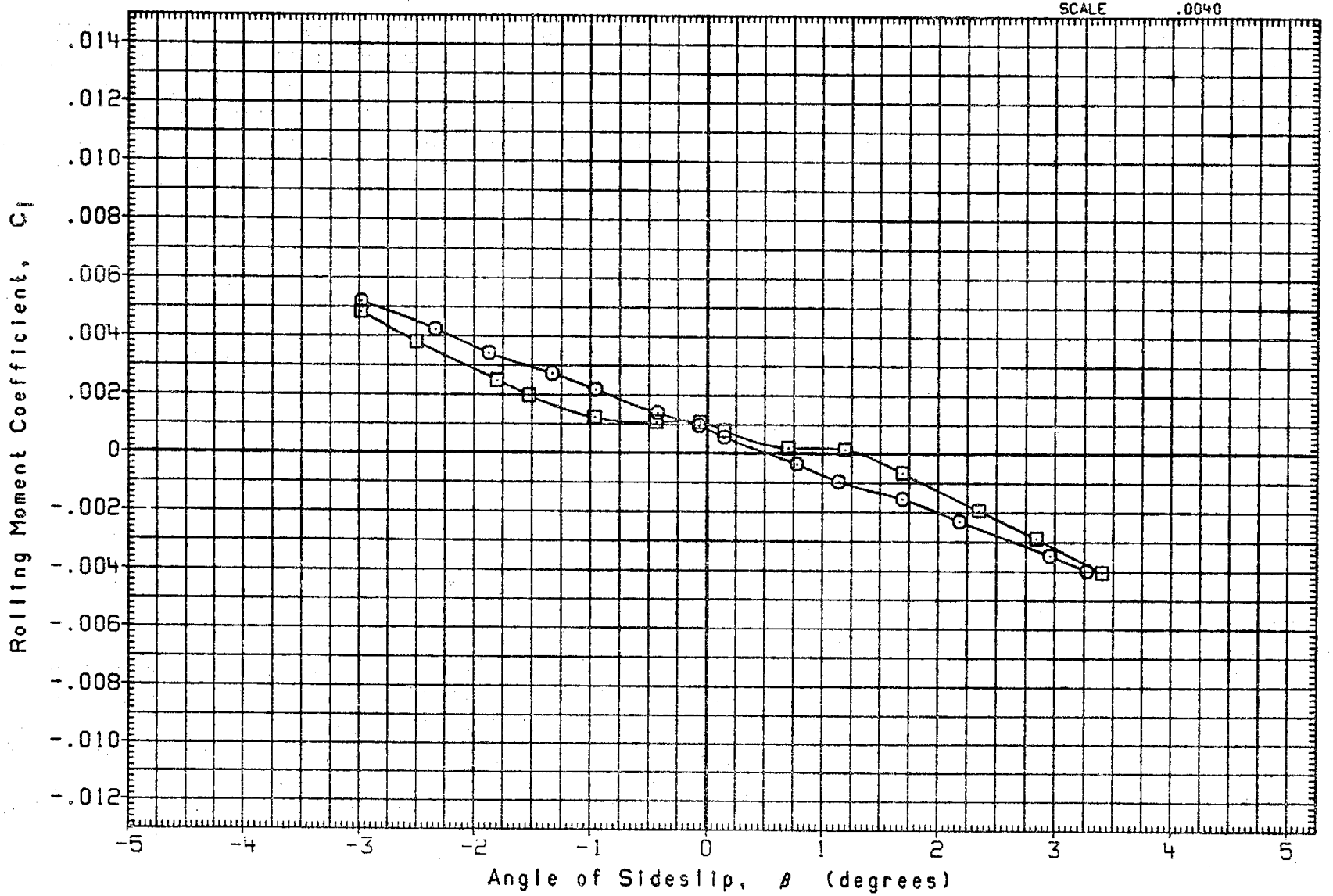

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(E)ALPHA = 21.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

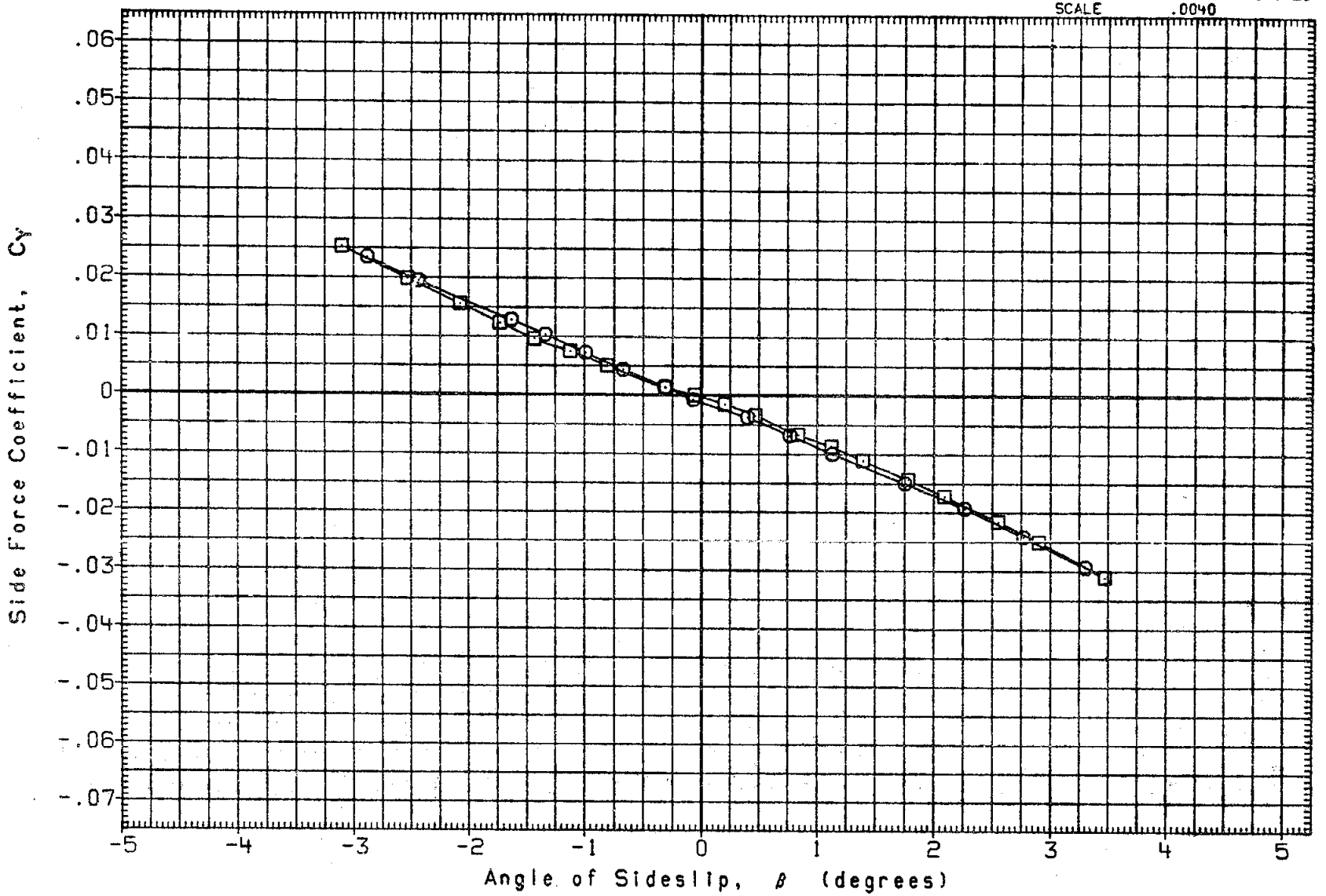

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(F)ALPHA = 23.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

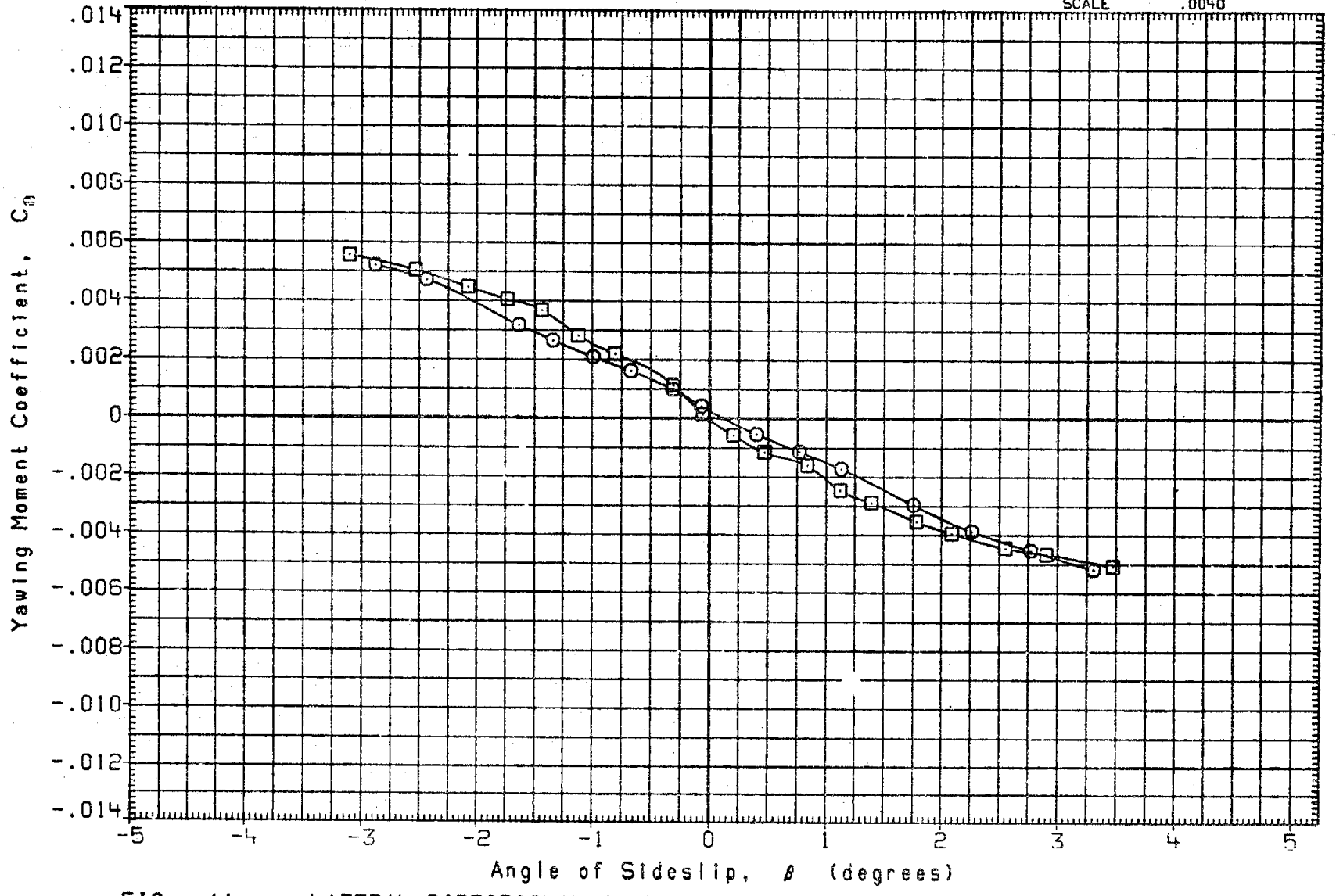

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(F)ALPHA = 23.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

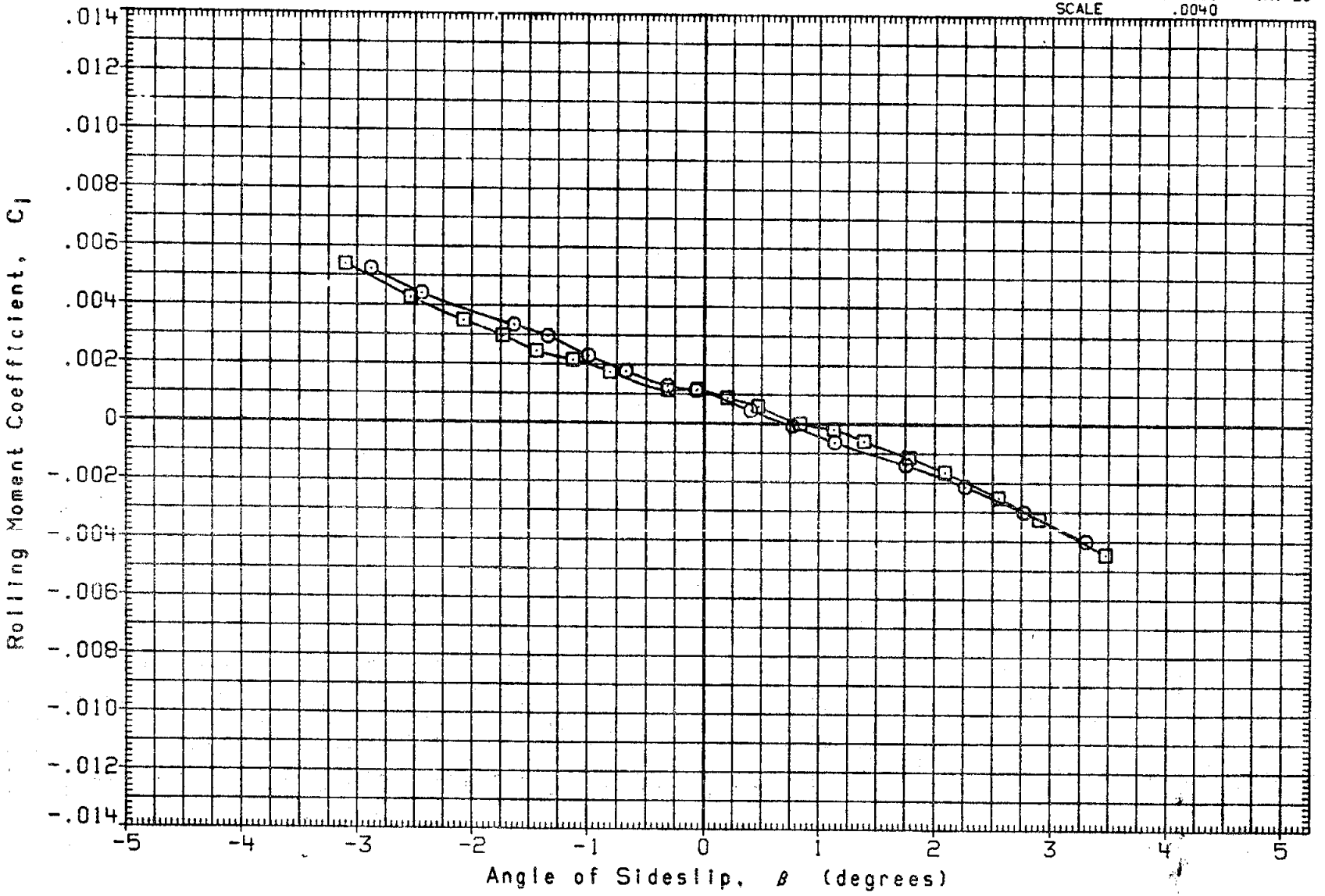

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(F)ALPHA = 23.00

DATA SET	SYMBOL	CONFIGURATION	SPOBRK	RN/L	PHI
RKZ032	○	LA141B(20-M5-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

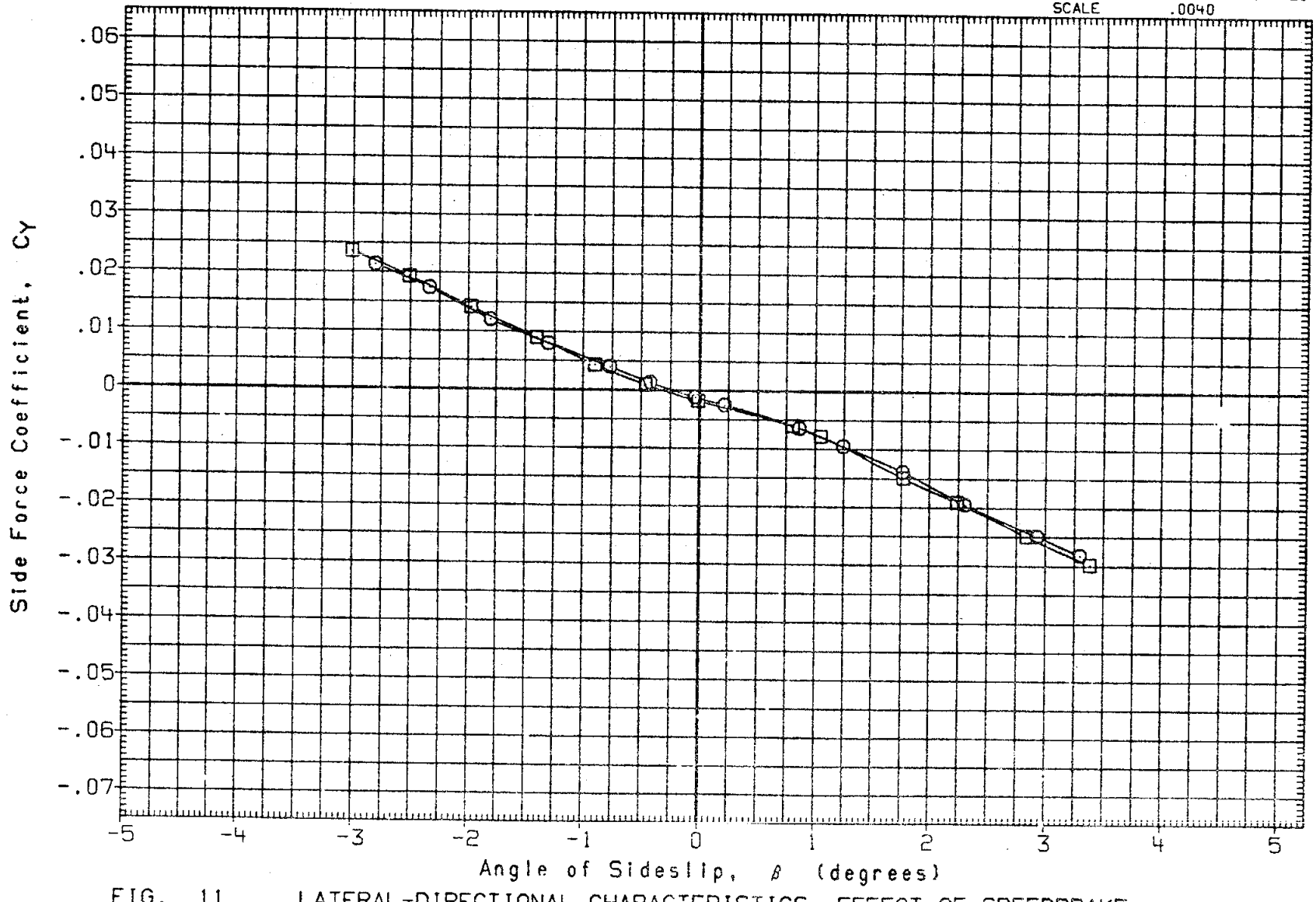

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(G)ALPHA = 24.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

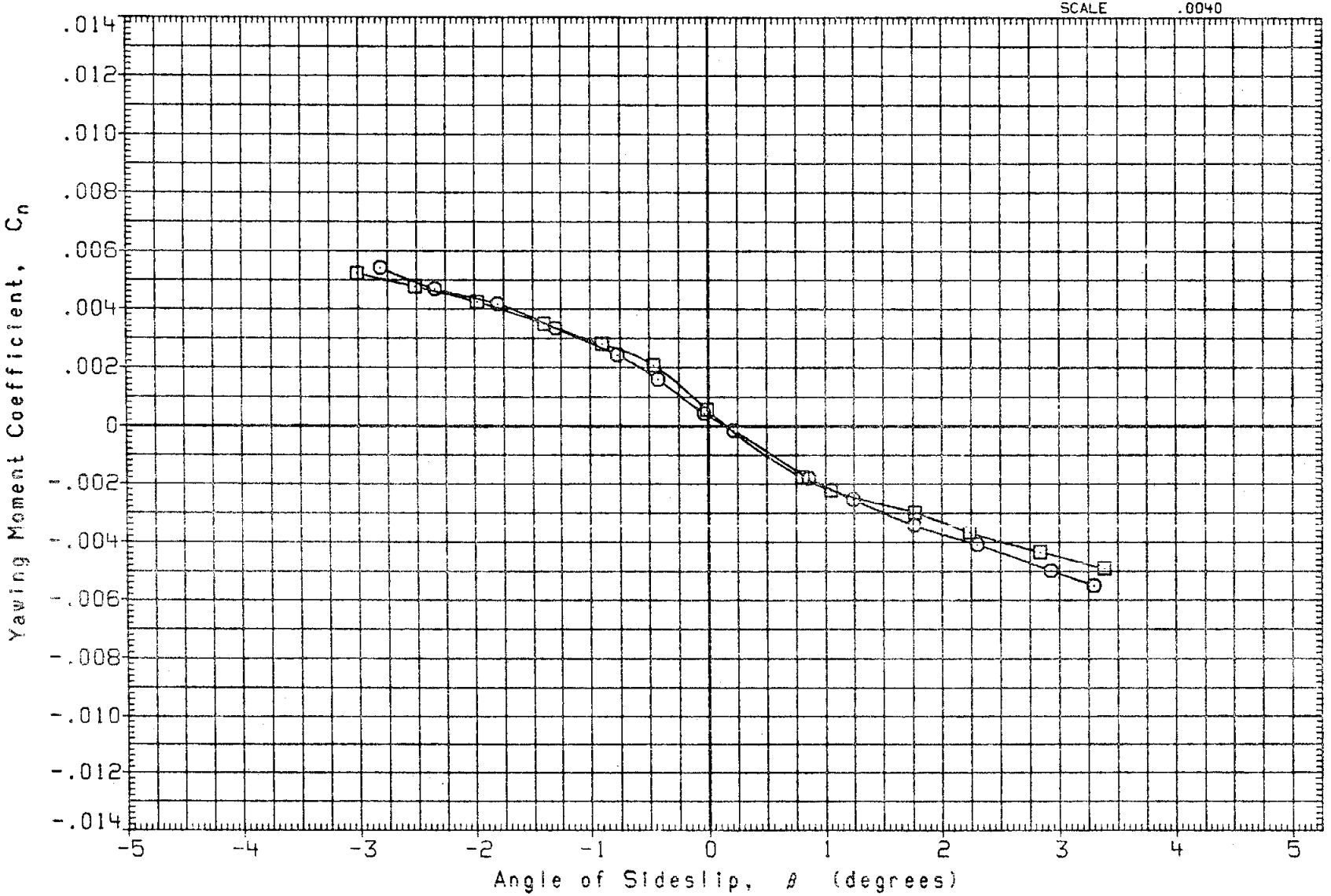

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(G)ALPHA = 24.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ032	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ033	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

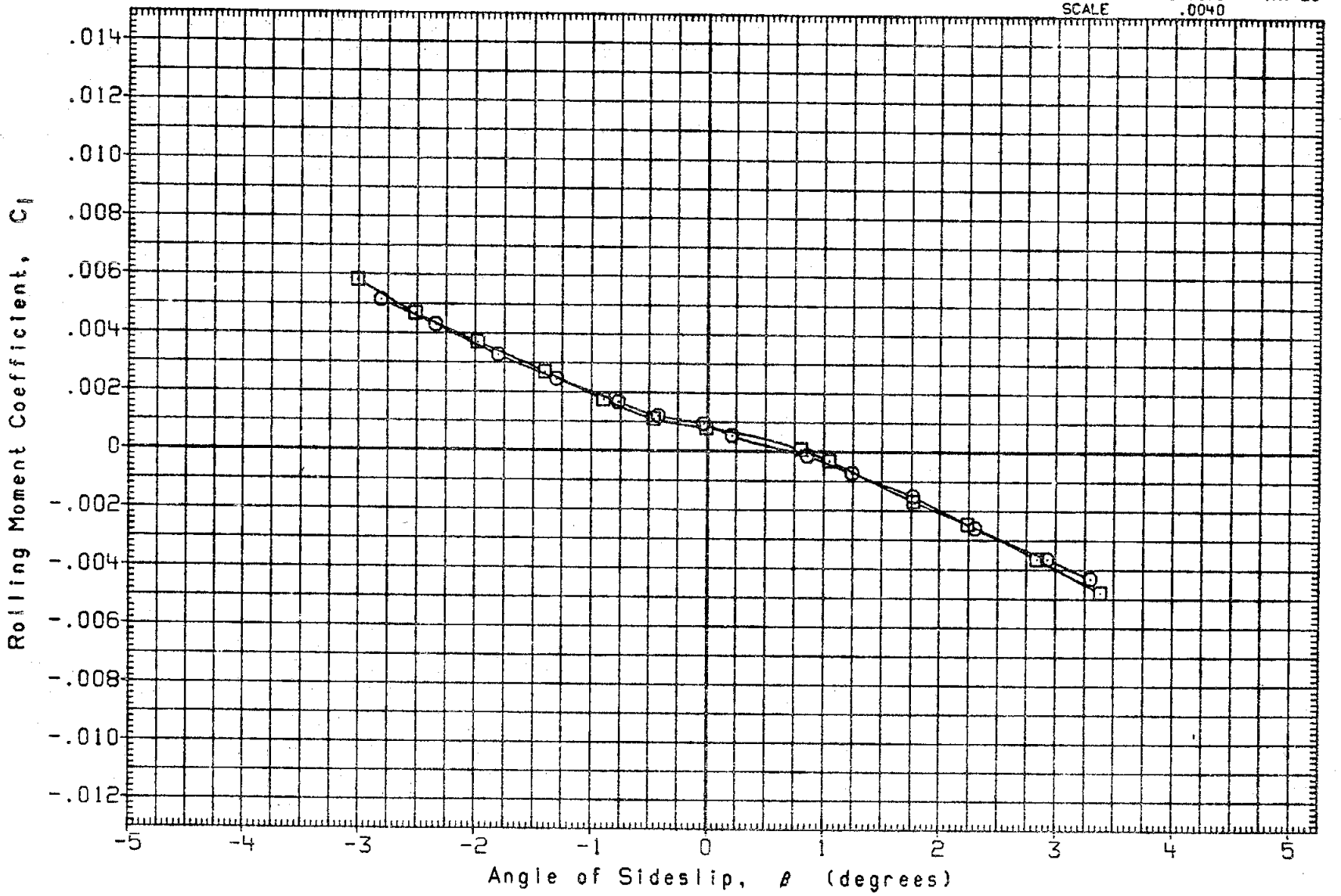

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(G)ALPHA = 24.90

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ045	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ053	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

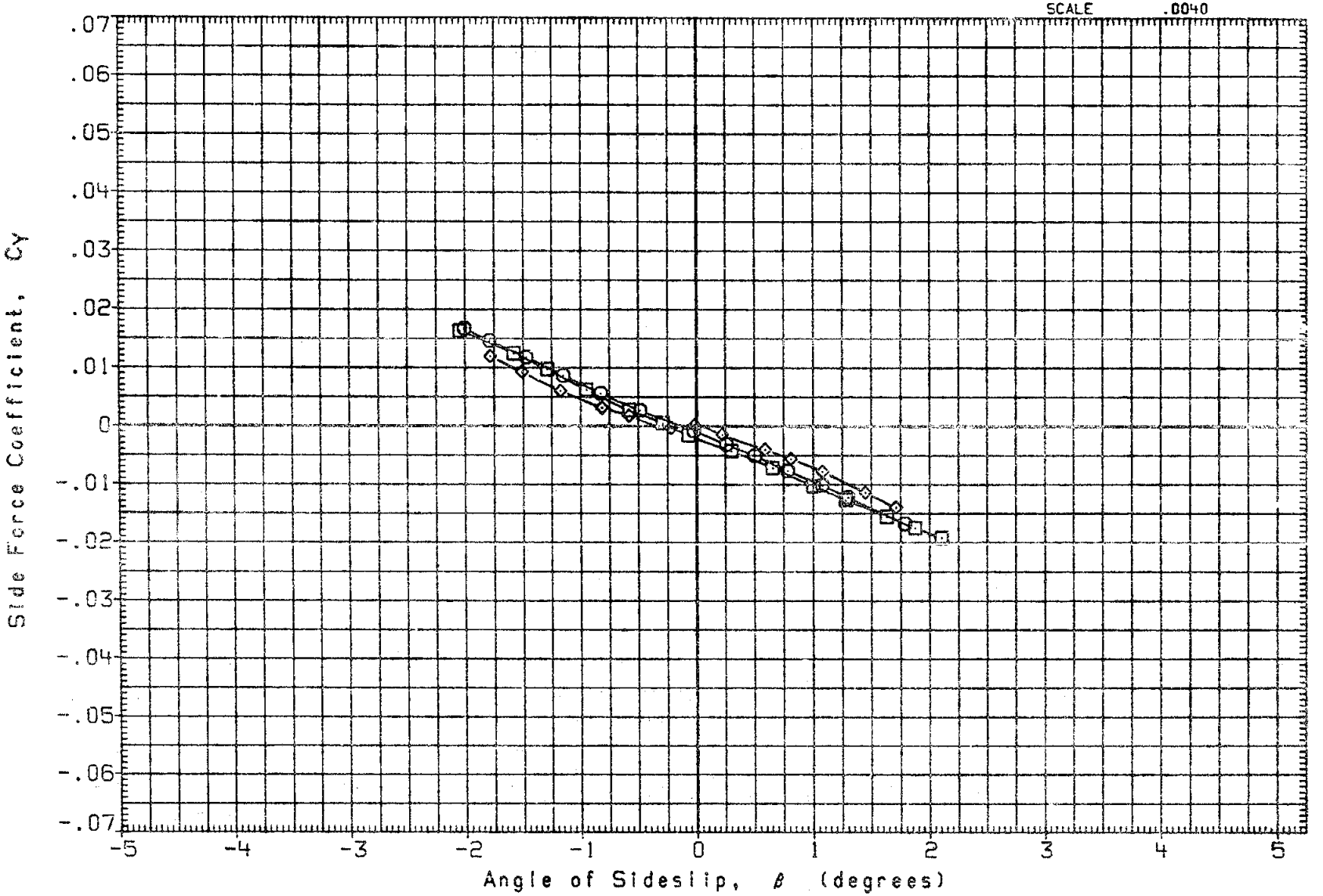

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ045	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ053	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

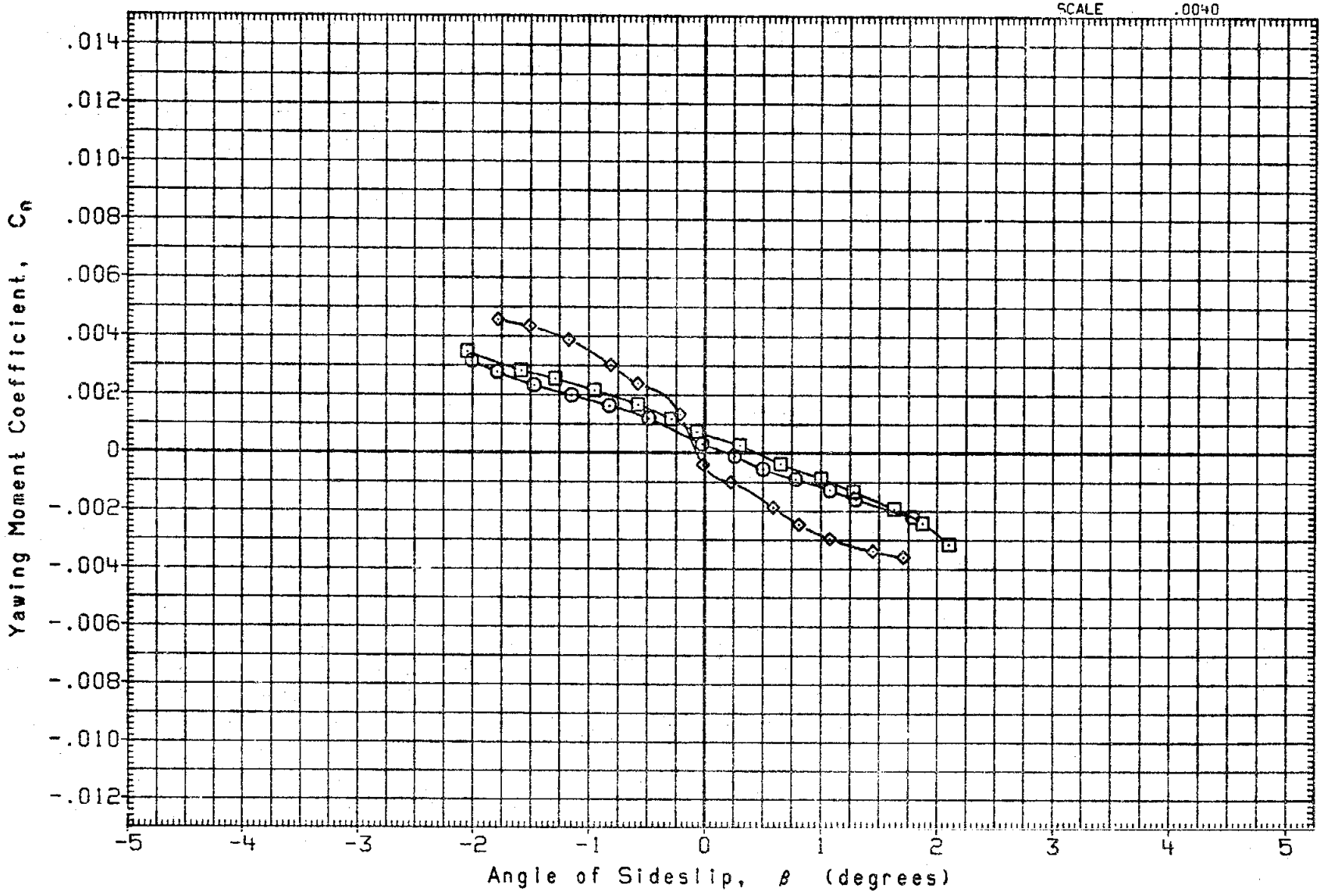

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ045	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	55.000	2.300	-90.000
RKZ053	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

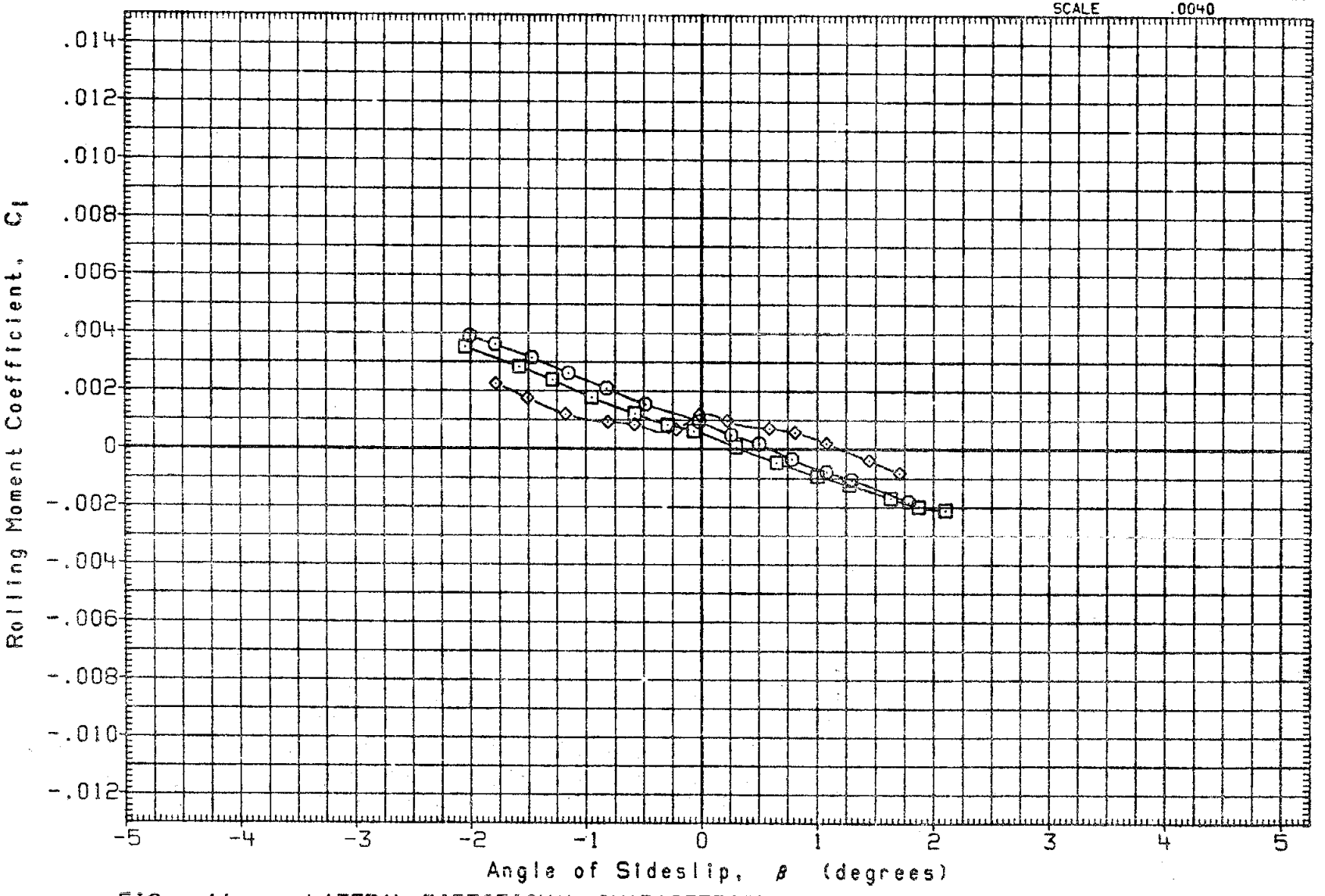

FIG. 11 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF SPEEDBRAKE

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ041	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)		2.300	-90.000
RKZ035	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ043	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ037	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ053	◺	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

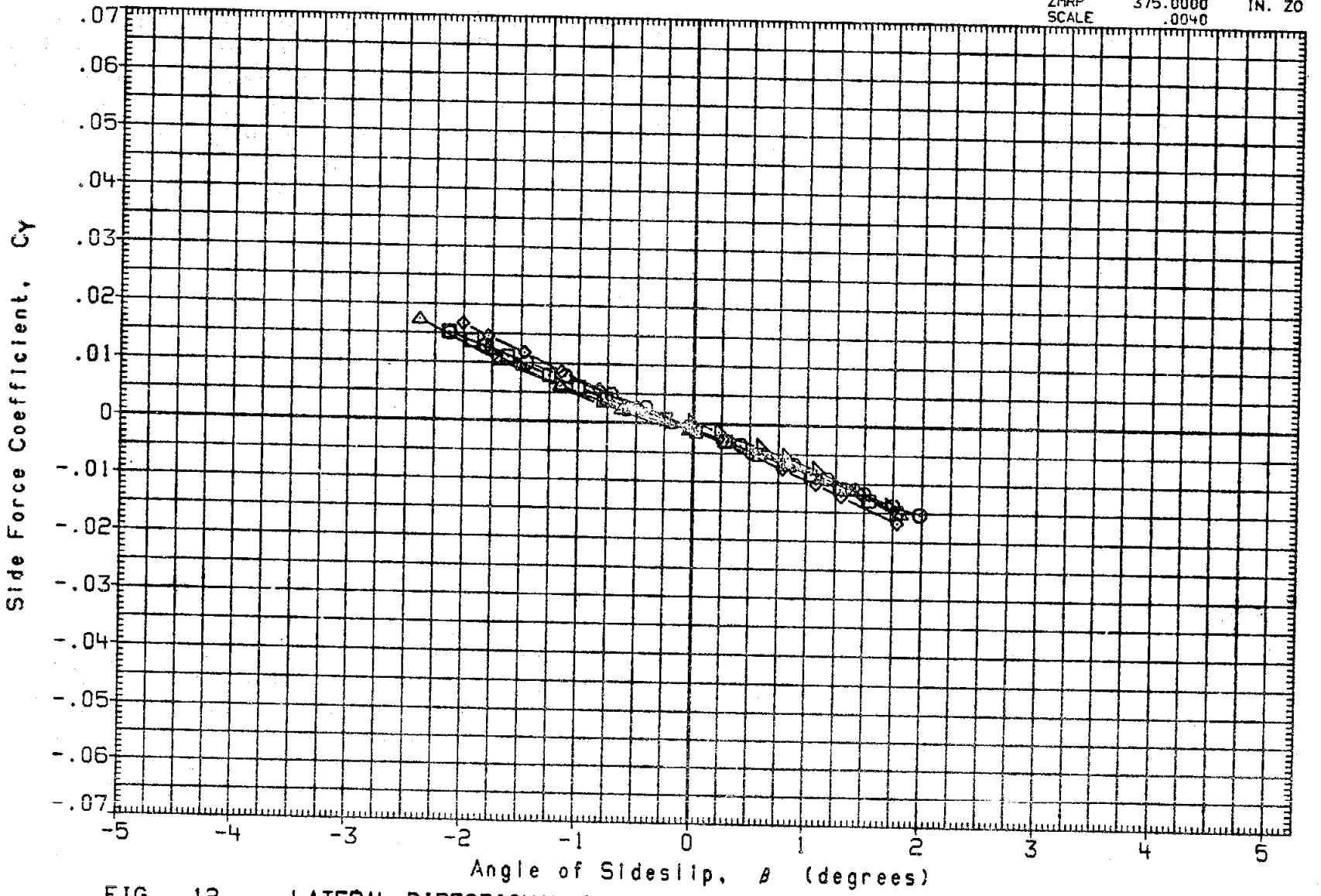

FIG. 12 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF TAIL AND OMS POD

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ041	○	LA1418(20-M6-6546) (B62C12F10)(W127E43)		2.300	-90.000
RKZ035	□	LA1418(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ043	◇	LA1418(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ037	△	LA1418(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ053	◺	LA1418(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

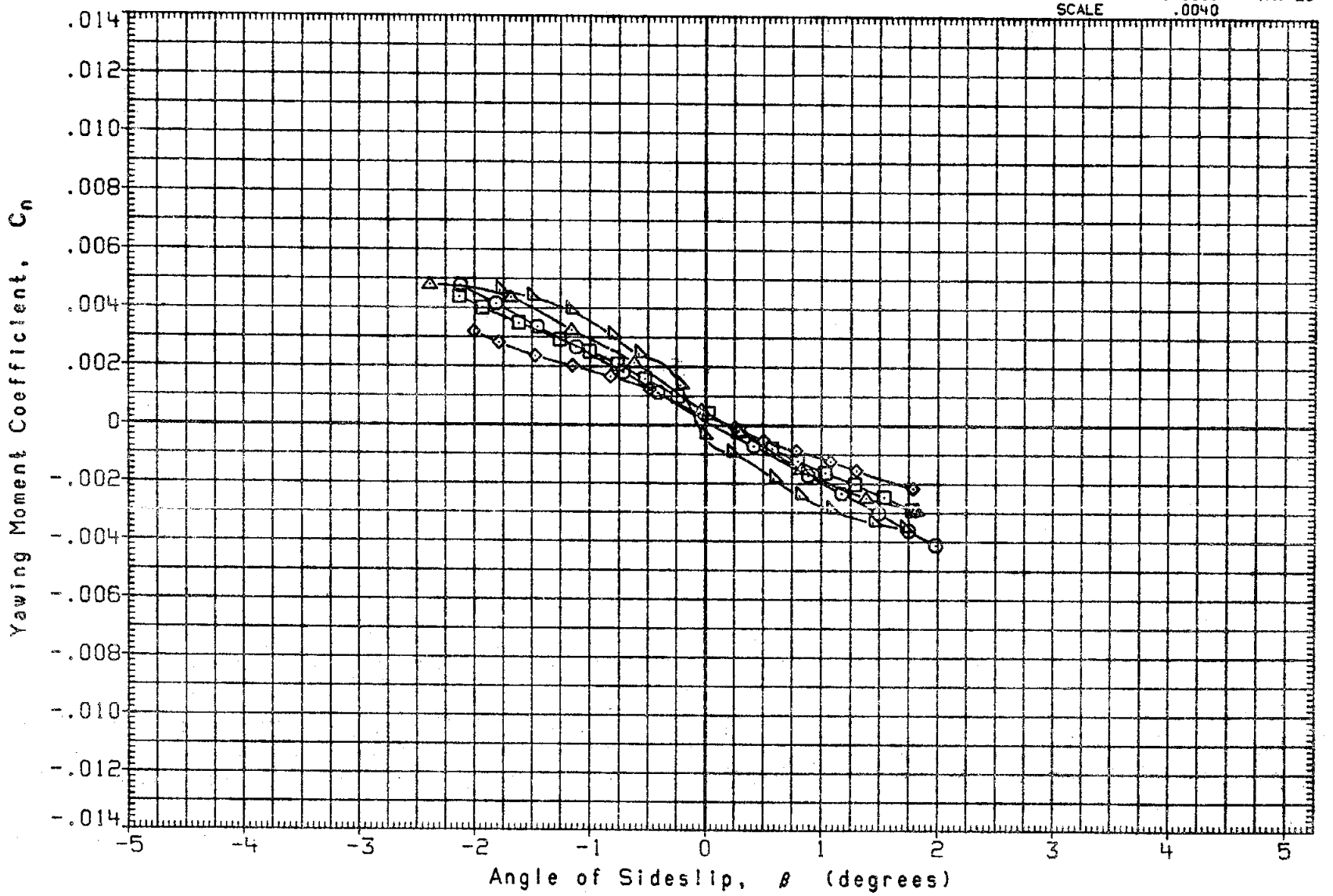

FIG. 12 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF TAIL AND OMS POD

(A) ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ041	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)		2.300	-90.000
RKZ035	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ043	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	.000	2.300	-90.000
RKZ037	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ053	◺	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	65.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

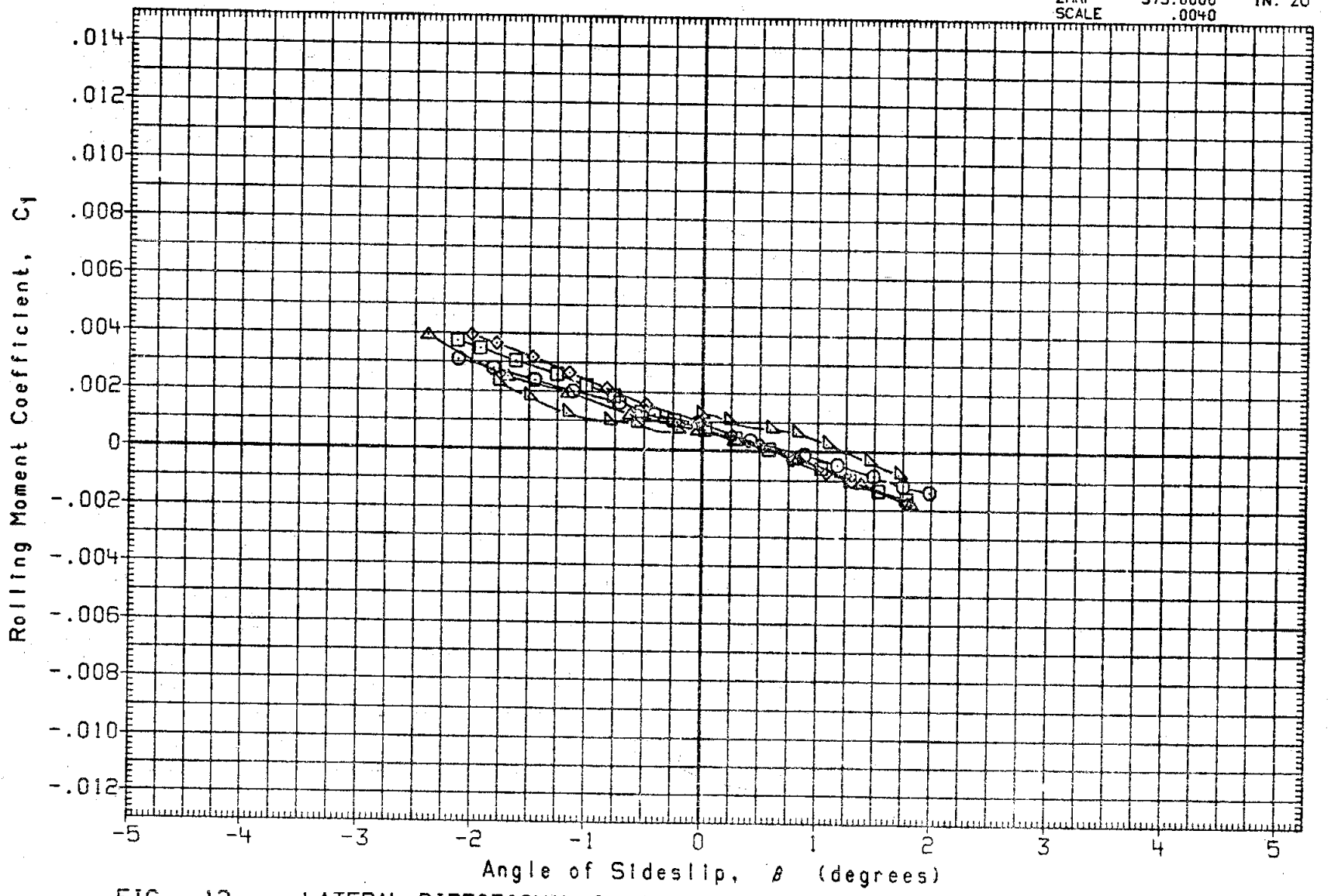

FIG. 12 LATERAL-DIRECTIONAL CHARACTERISTICS, EFFECT OF TAIL AND OMS POD

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	RN/L	PHI
RKZ041	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)	INCRSE	2.300	-90.000
RKZ042	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)	DECRSE	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

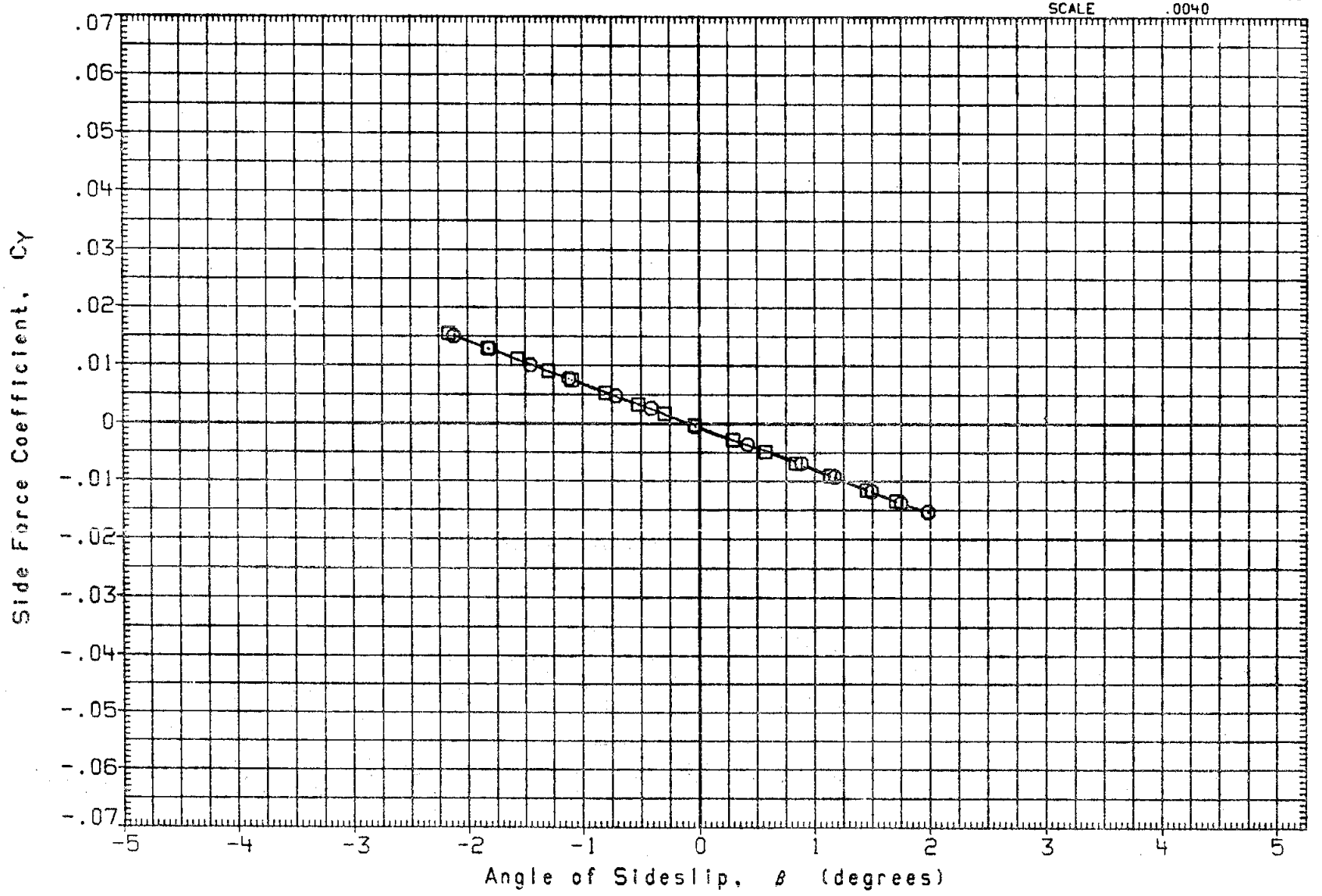

FIG. 13(A) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
VERTICAL TAIL OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	RN/L	PHI
RKZ041	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)	INCRSE	2.300	-90.000
RKZ042	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)	DECRSE	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

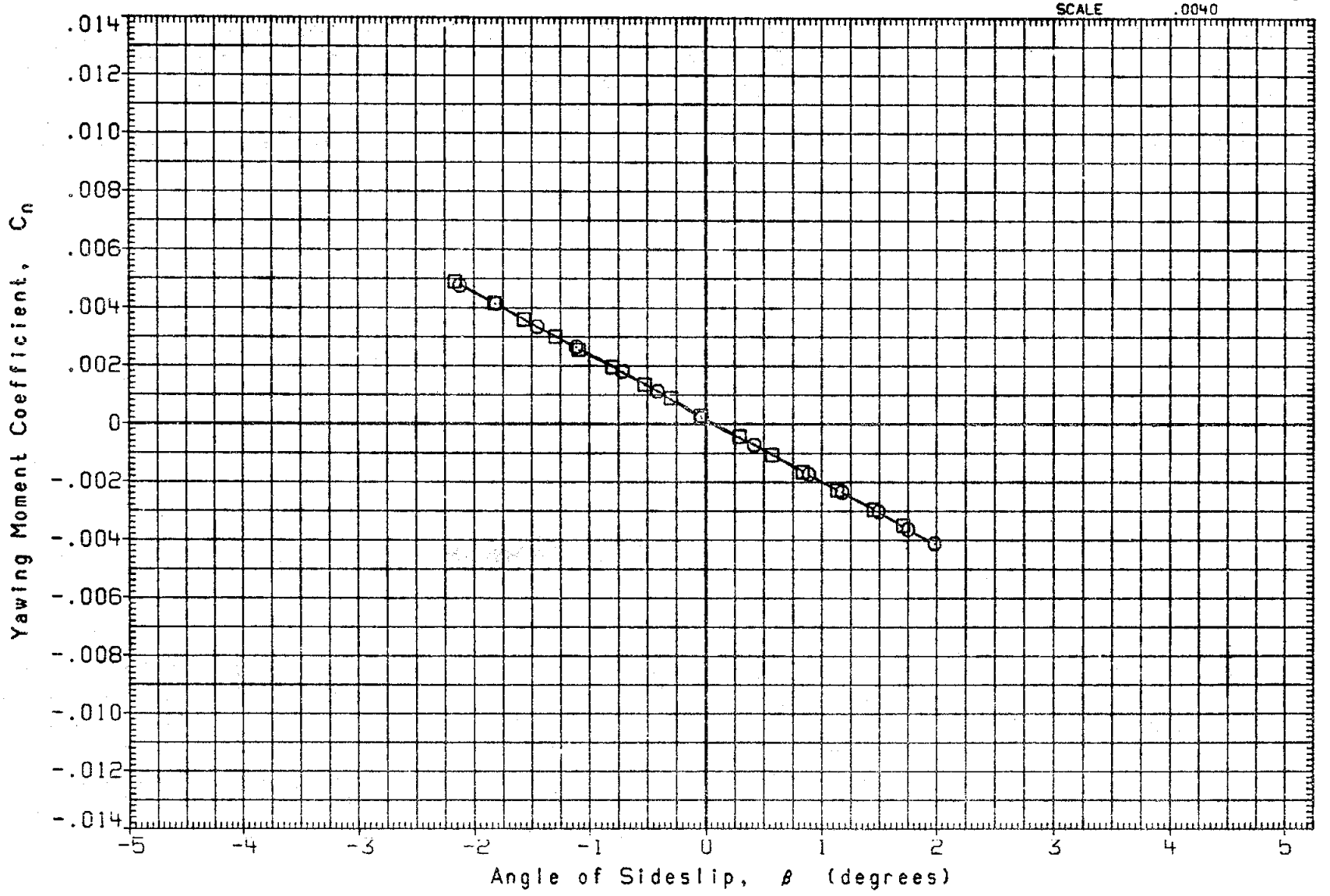

FIG. 13(A) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
VERTICAL TAIL OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	RN/L	PHI
RKZ041	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)	INCRSE	2.300	-90.000
RKZ042	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)	DECRSE	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

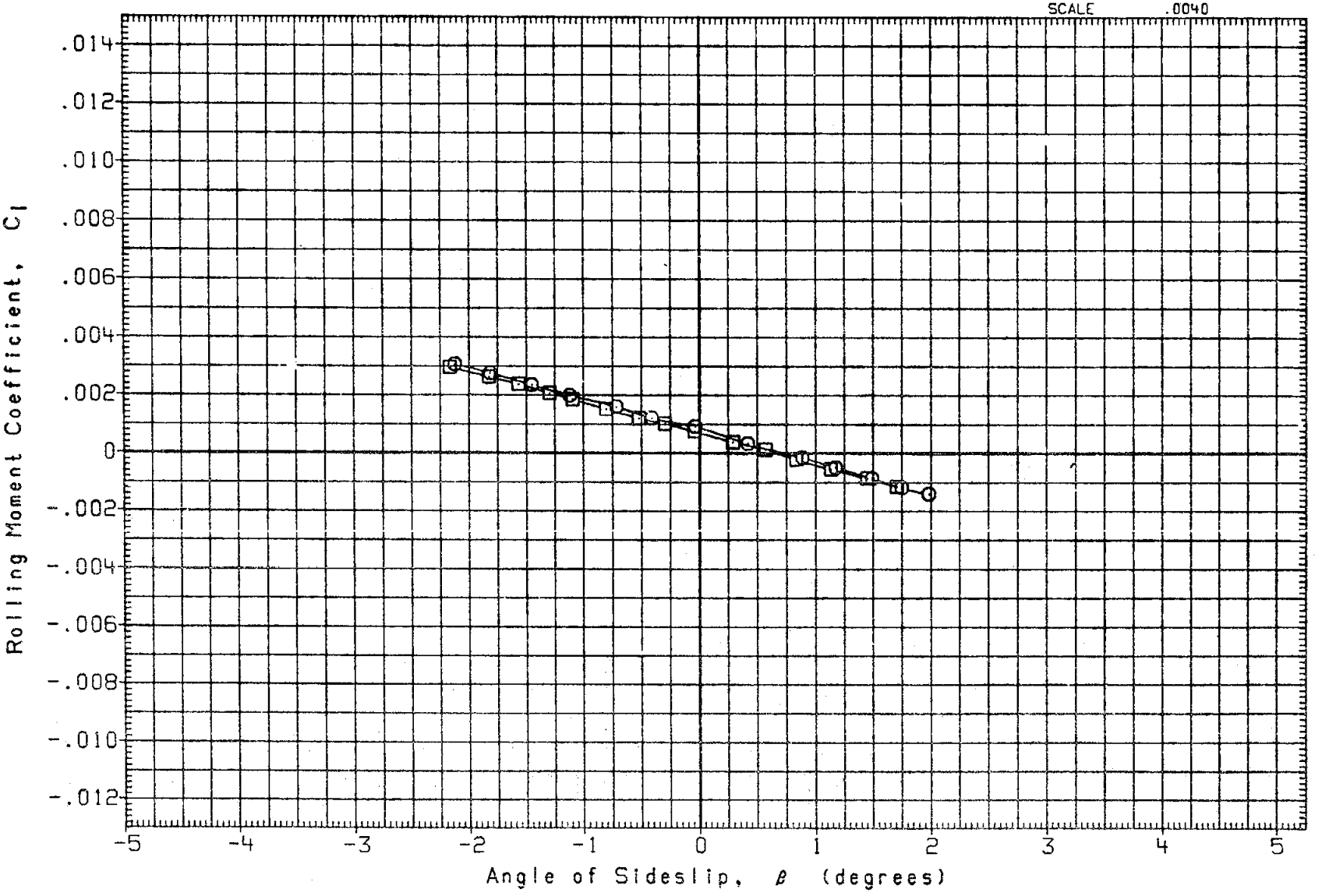

FIG. 13(A) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
VERTICAL TAIL OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ035	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ036	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ037	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ038	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

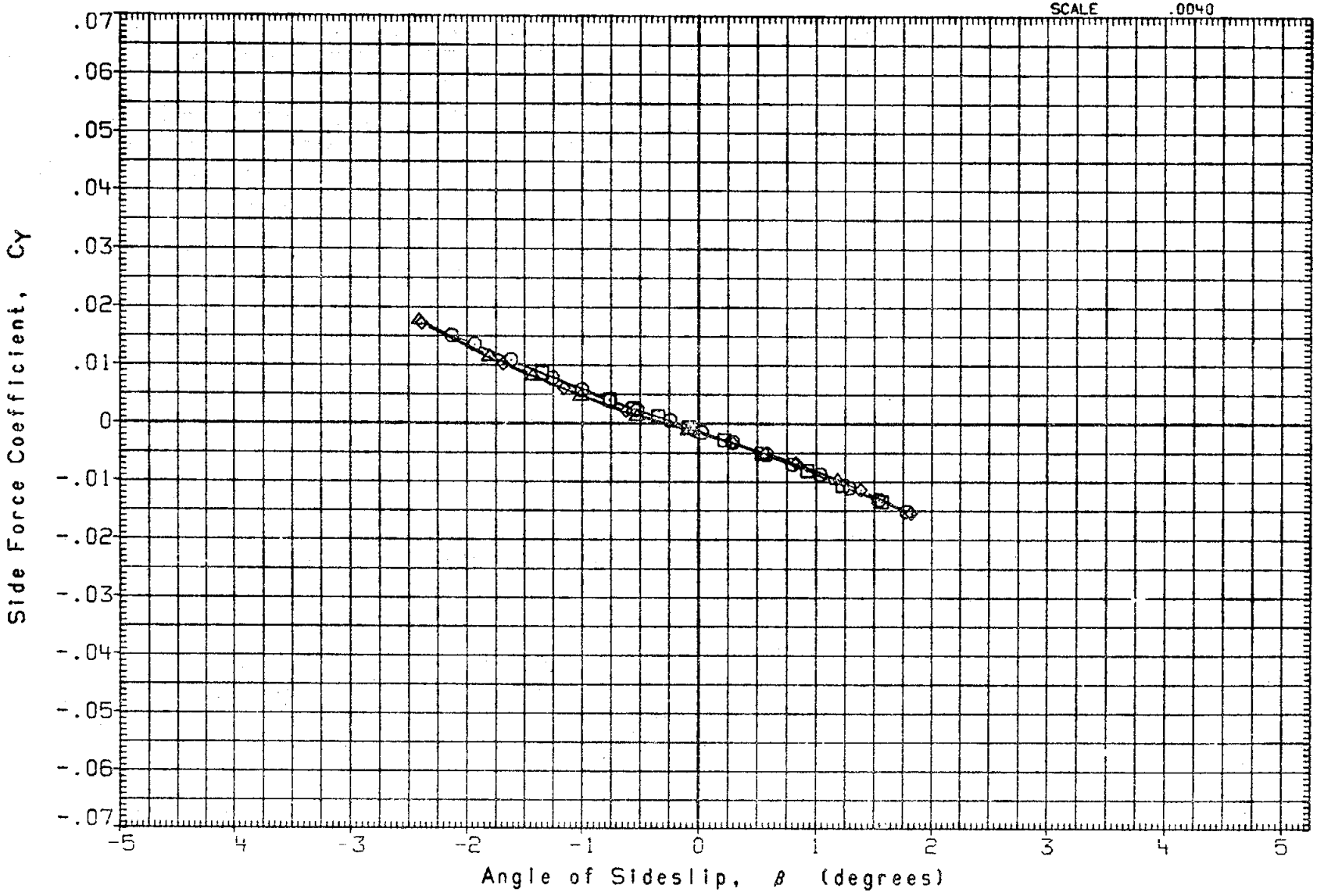

FIG. 13(B) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
OMS POD OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ035	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ036	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ037	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ038	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

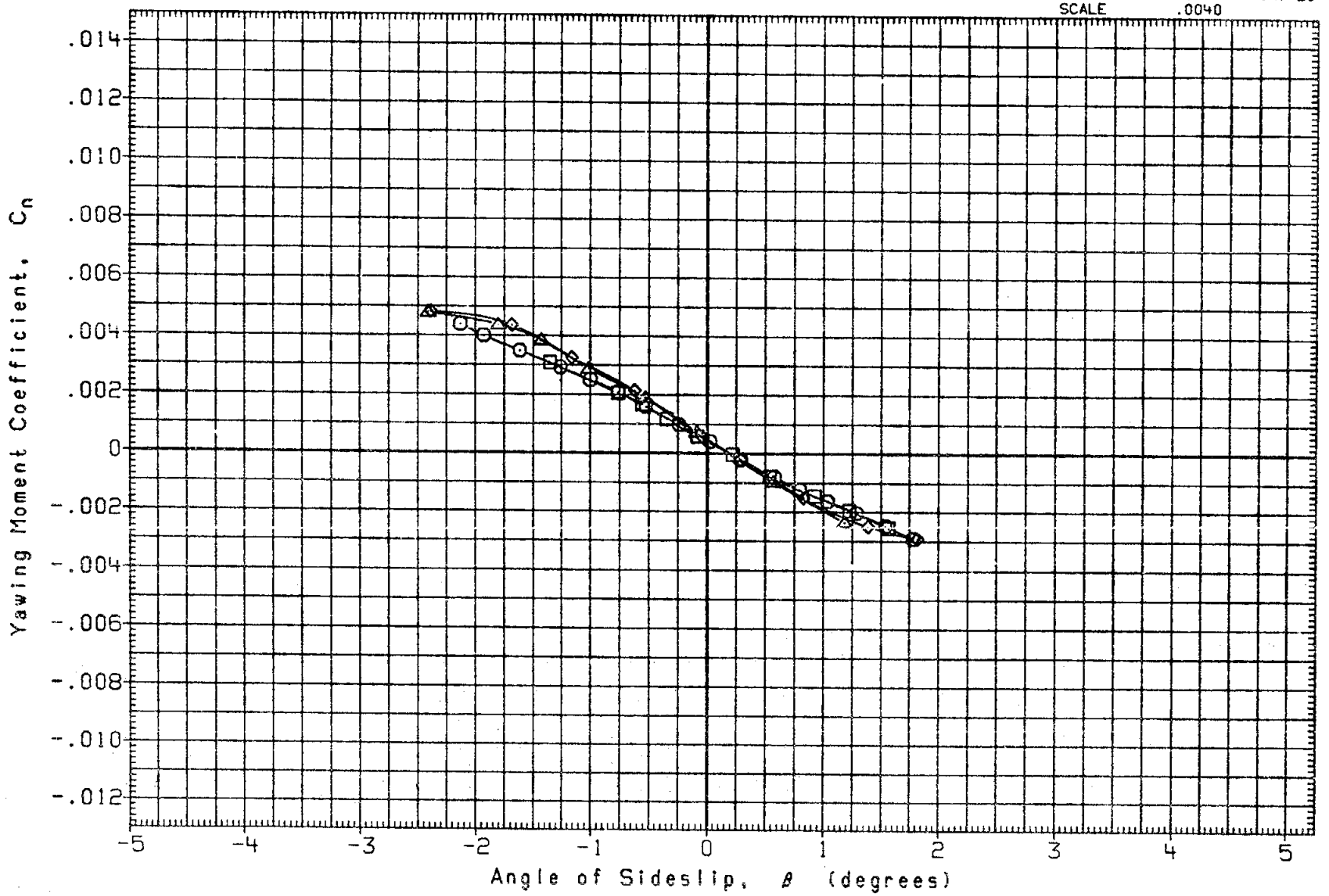

FIG. 13(B) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
OMS POD OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ035	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ036	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ037	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ038	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

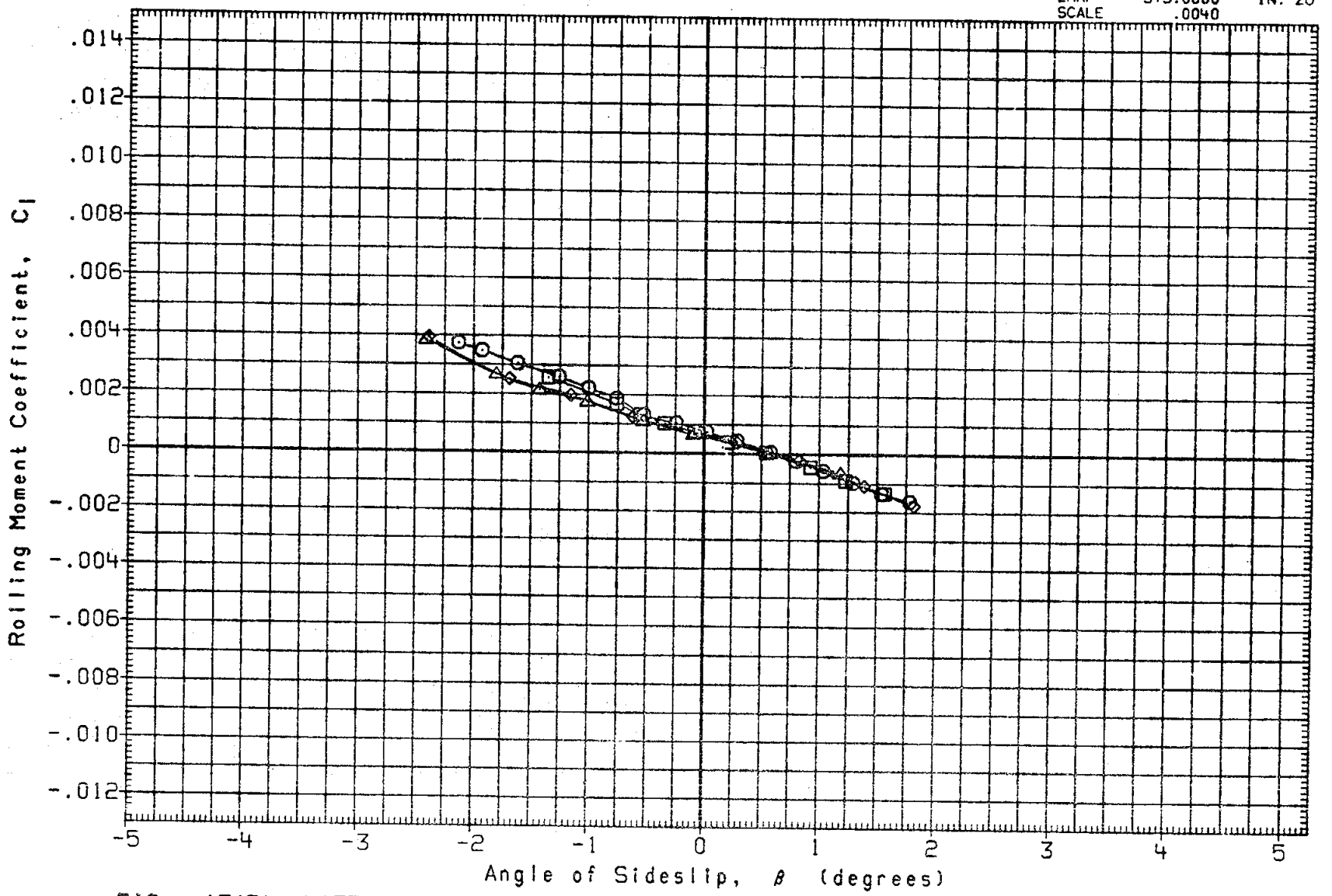

FIG. 13(B) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
OMS POD OFF

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ044	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ045	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	-90.000	2.300
RKZ046	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	-90.000	2.300
RKZ053	▷	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ054	D	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

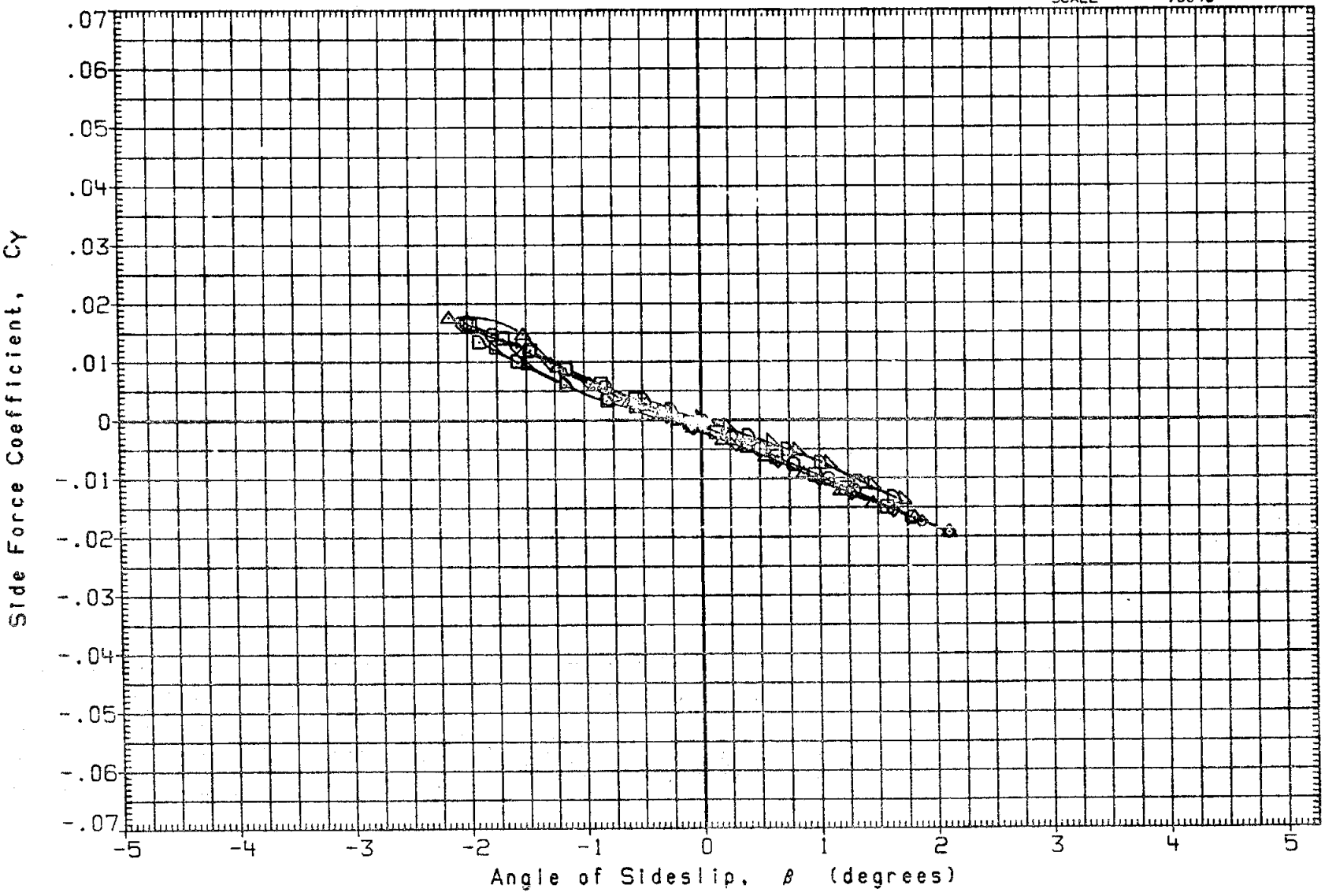

FIG. 13(C) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
COMPLETE CONFIGURATION

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ044	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ045	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	-90.000	2.300
RKZ046	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	-90.000	2.300
RKZ053	◺	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ054	◻	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

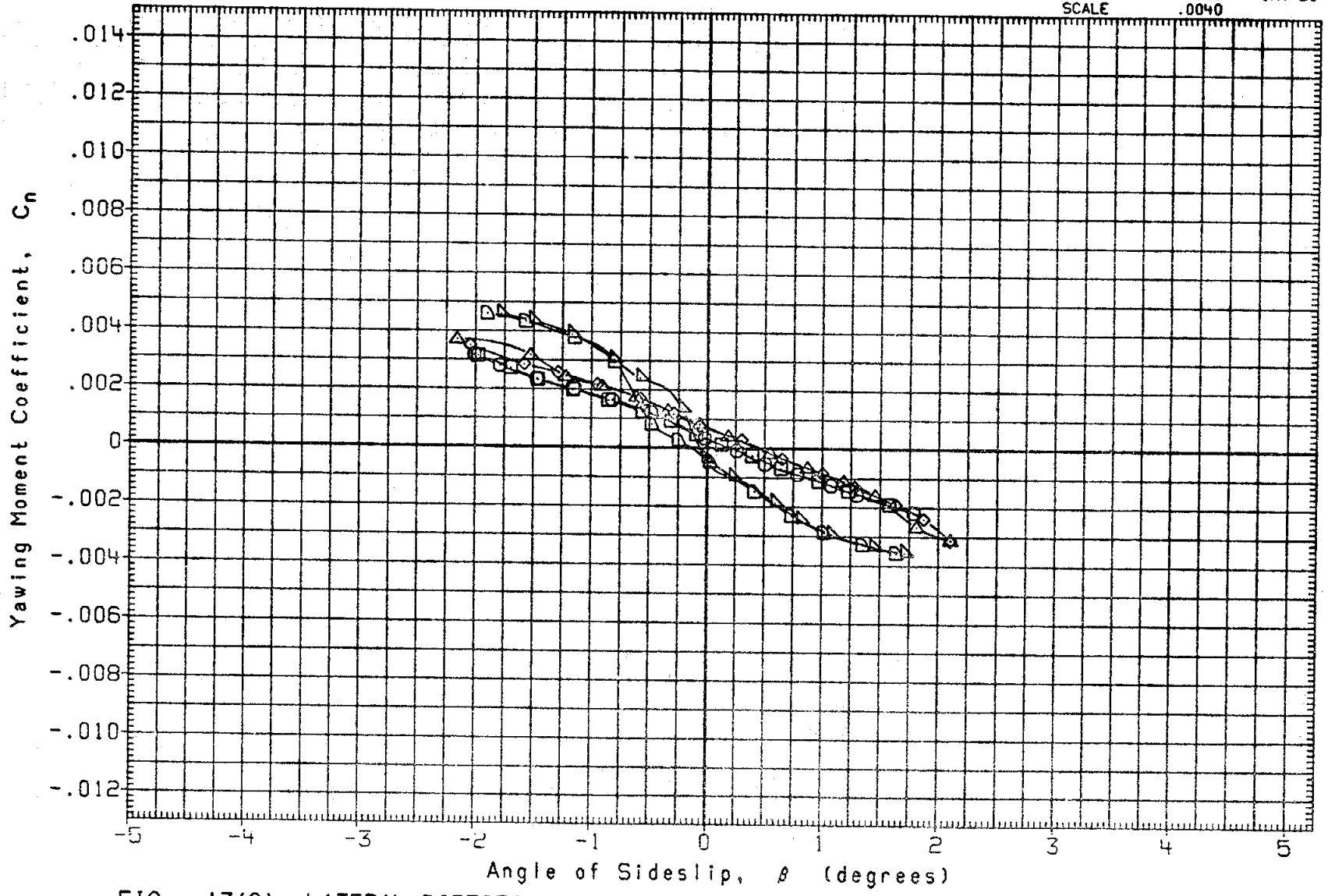

FIG. 13(C) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
COMPLETE CONFIGURATION

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ043	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	.000	-90.000	2.300
RKZ044	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	.000	-90.000	2.300
RKZ045	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	-90.000	2.300
RKZ046	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	-90.000	2.300
RKZ053	◺	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	-90.000	2.300
RKZ054	D	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	-90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

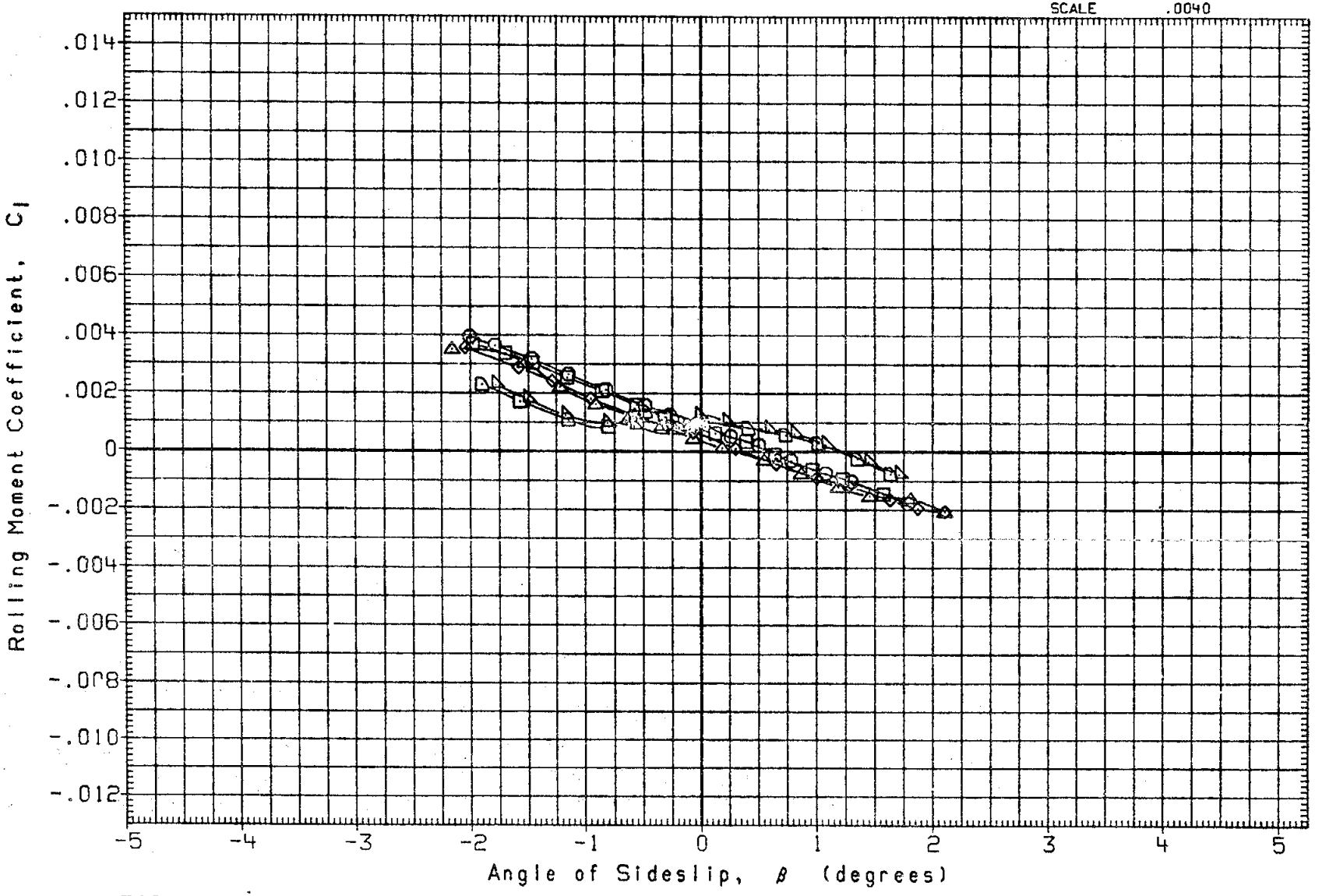

FIG. 13(C) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS
COMPLETE CONFIGURATION

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

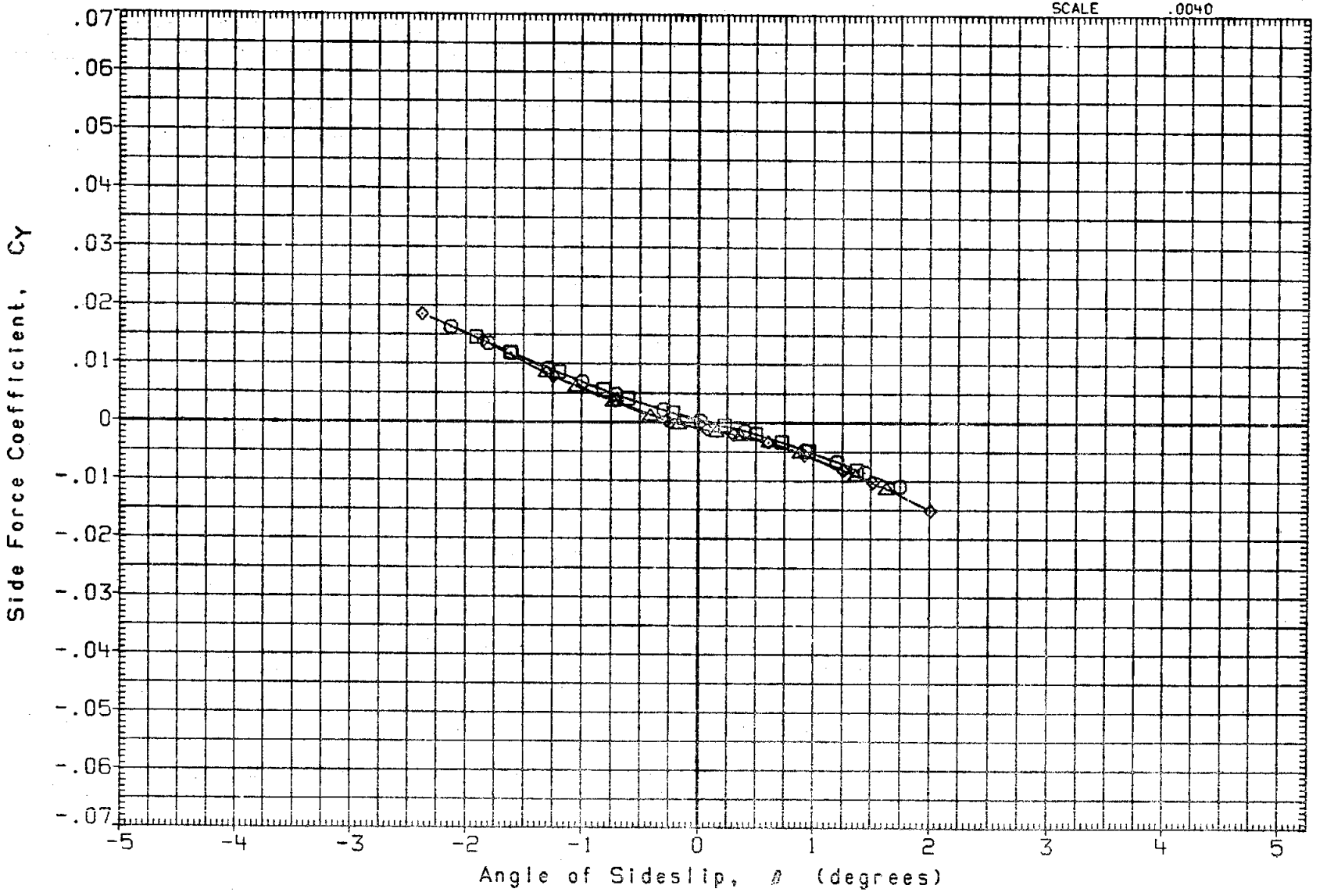

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(A)ALPHA = 25.70

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

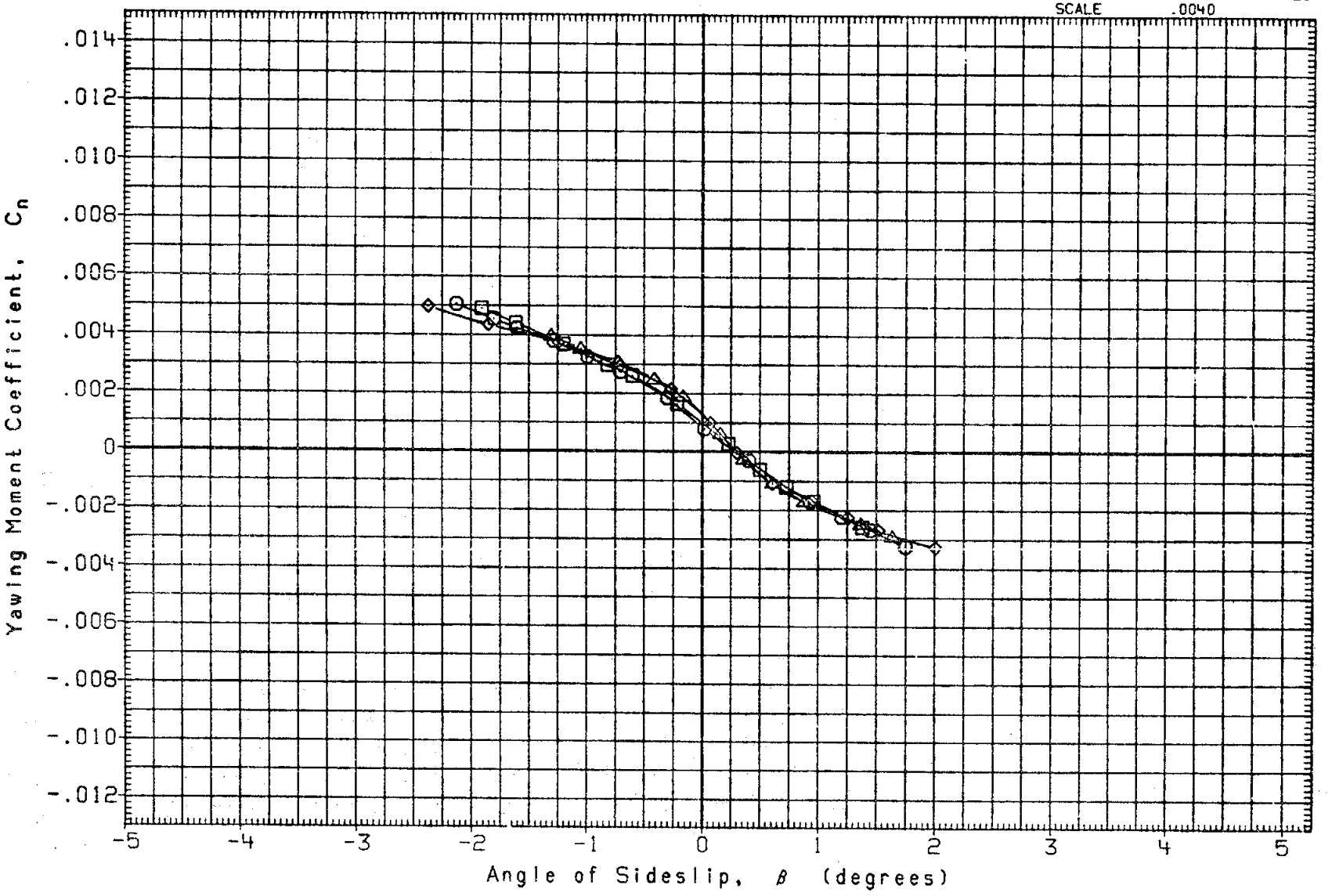

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(A) ALPHA = 25.70

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

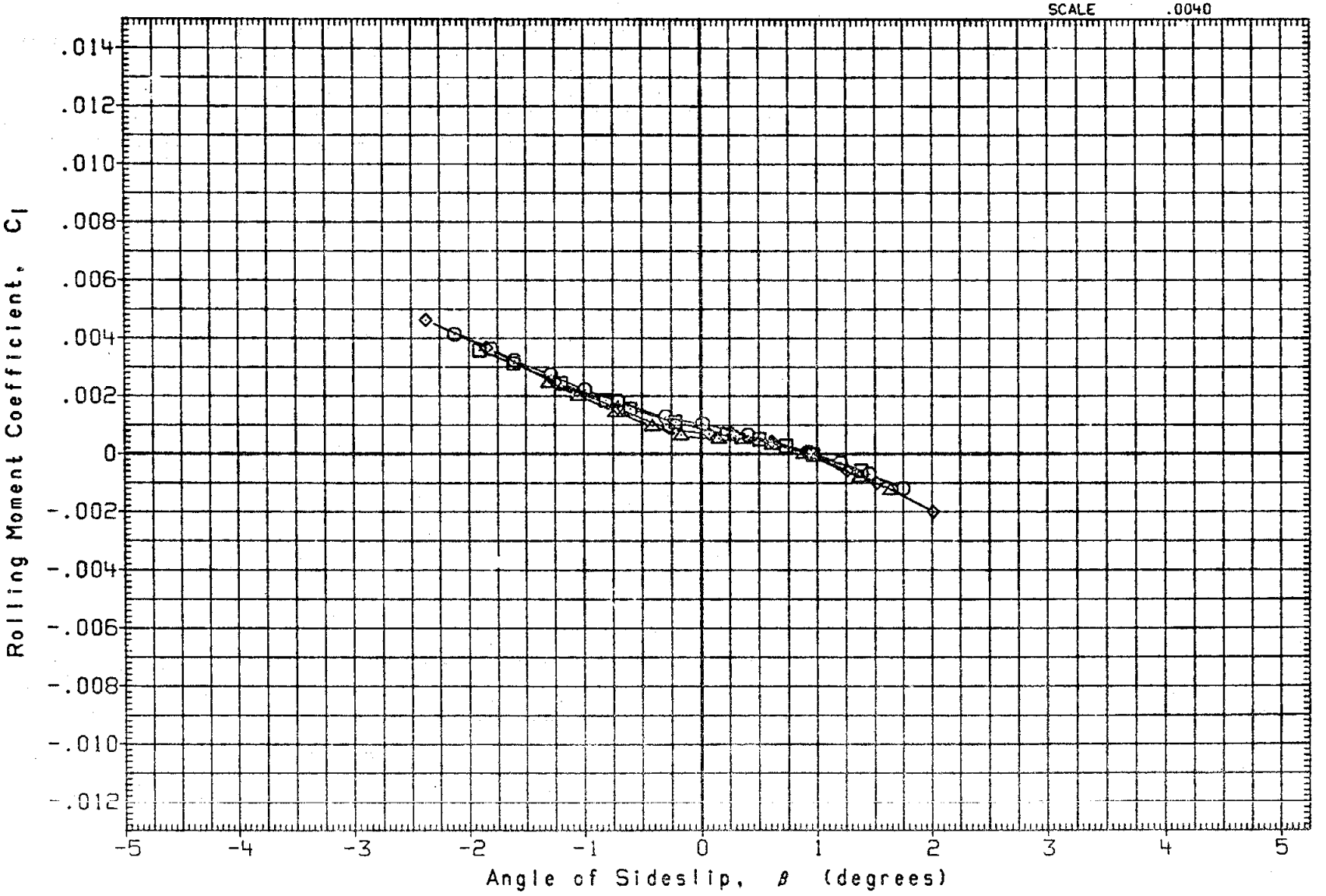

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(A)ALPHA = 25.70

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

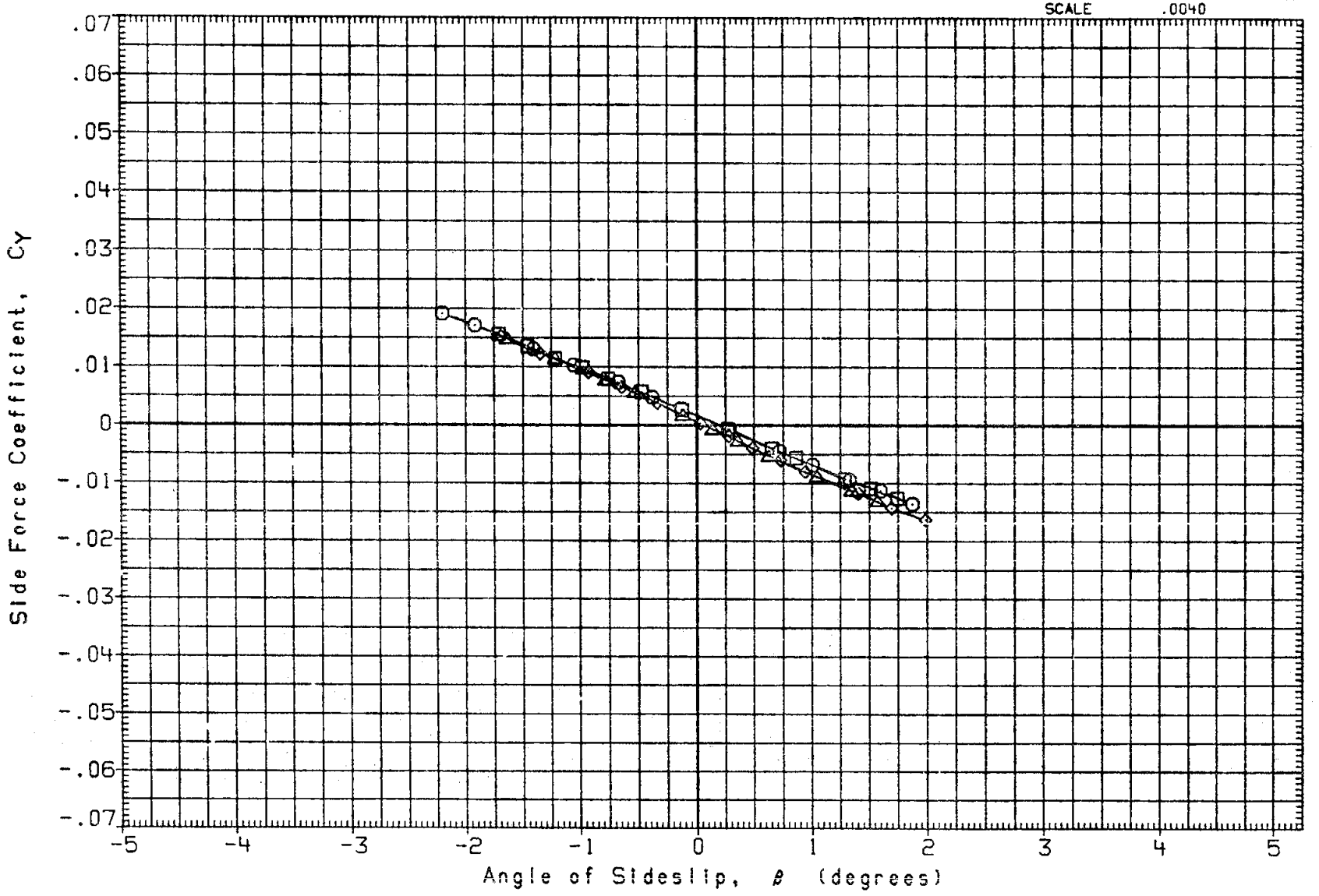

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(B)ALPHA = 30.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

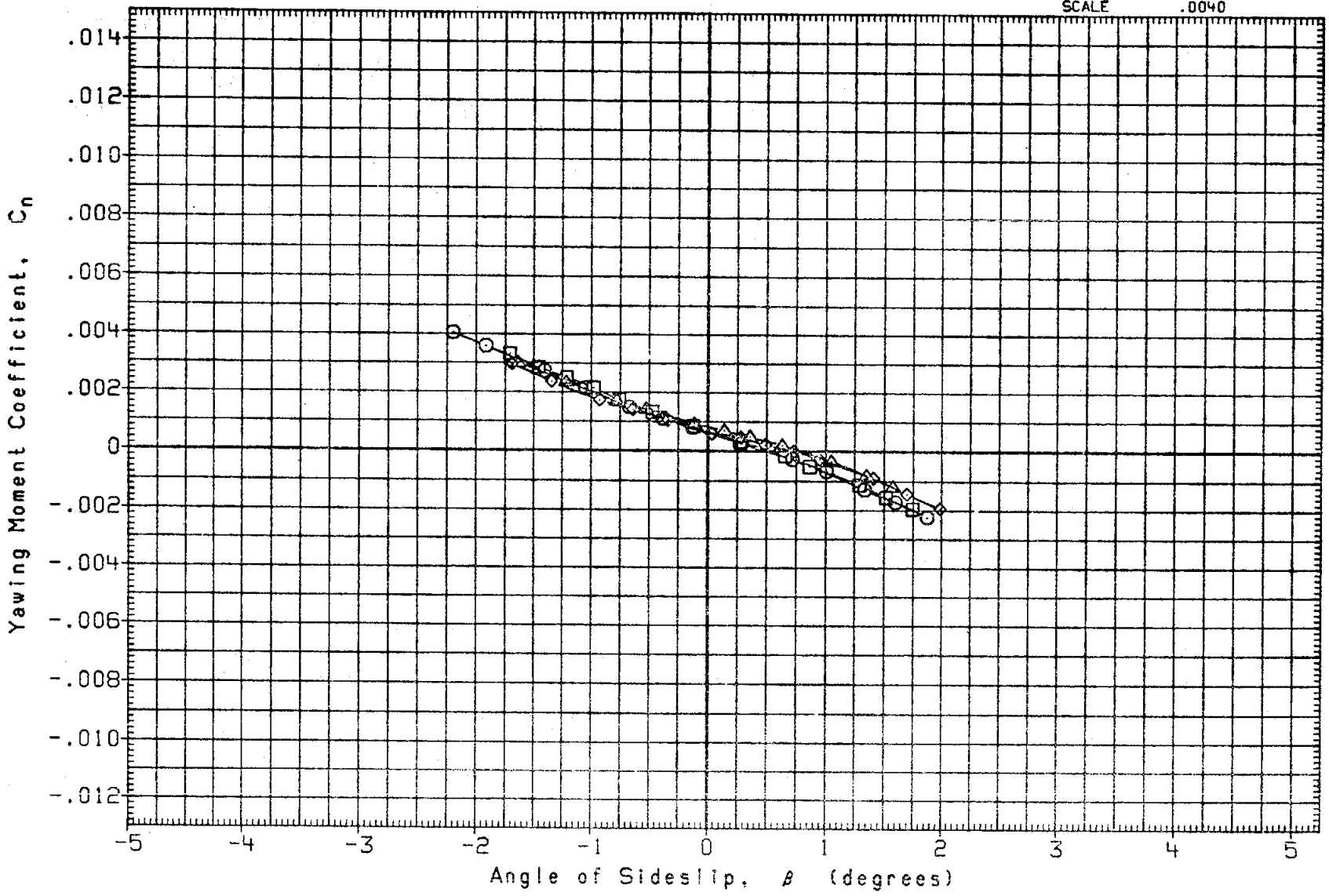

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(B)ALPHA = 30.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

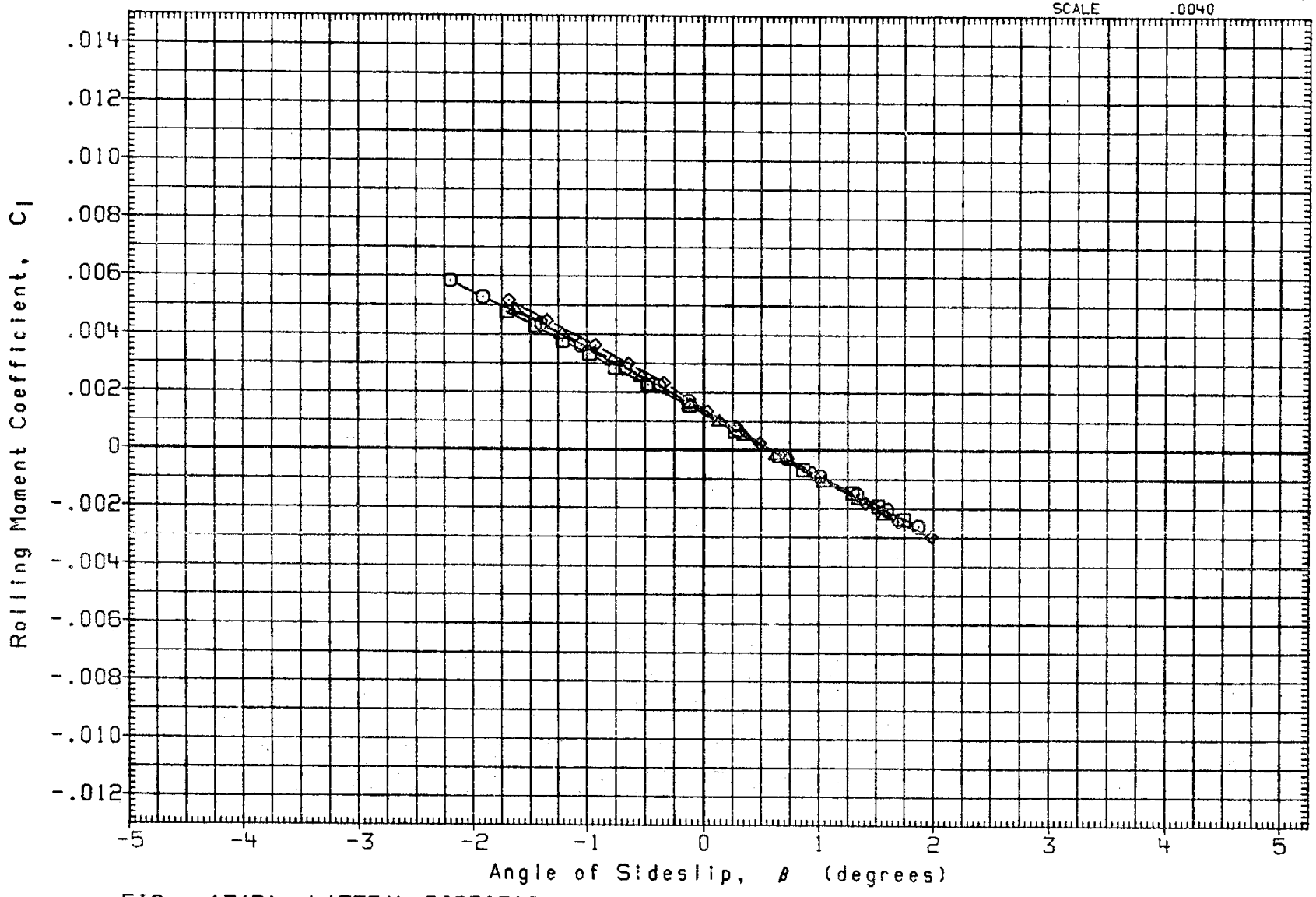

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(B)ALPHA = 30.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

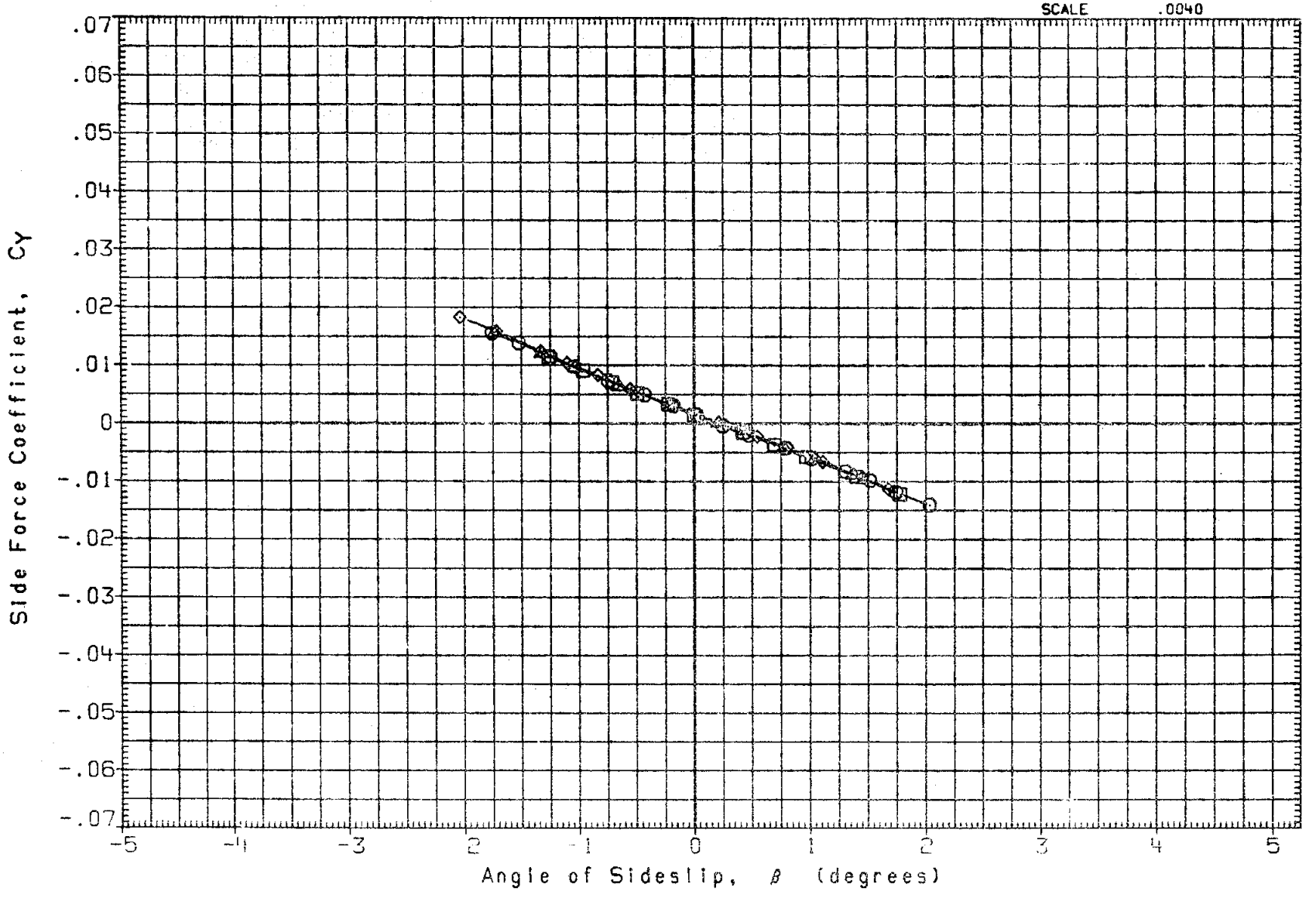

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(C)ALPHA = 35.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

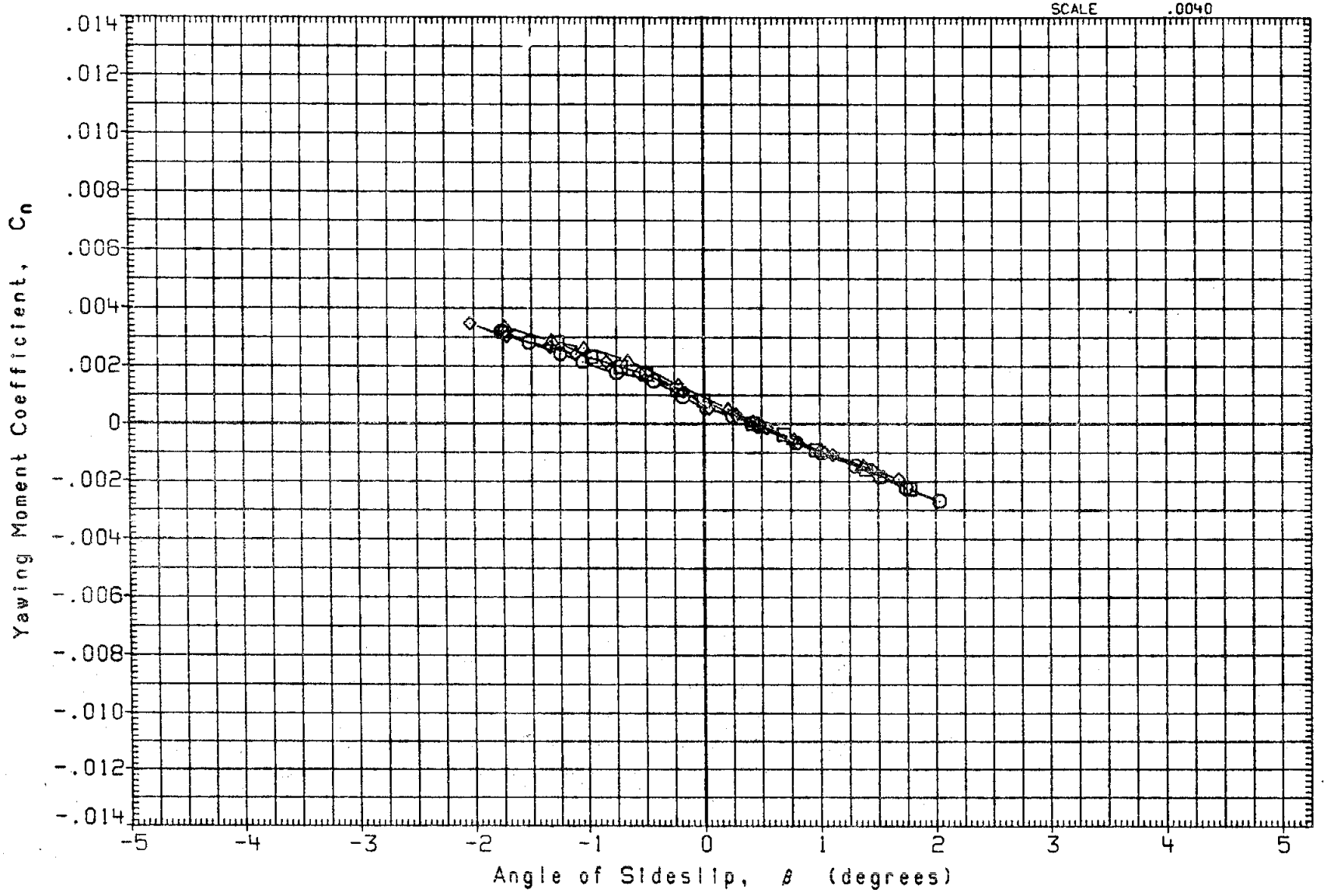

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(C)ALPHA = 35.00

DATA SET	SYMBOL	CONFIGURATION	SWEEP	SPDBRK	PHI	RN/L
RKZ047	○	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	55.000	90.000	2.300
RKZ048	□	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	55.000	90.000	2.300
RKZ051	◇	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	INCRSE	85.000	90.000	2.300
RKZ052	△	LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5)	DECRSE	85.000	90.000	2.300

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

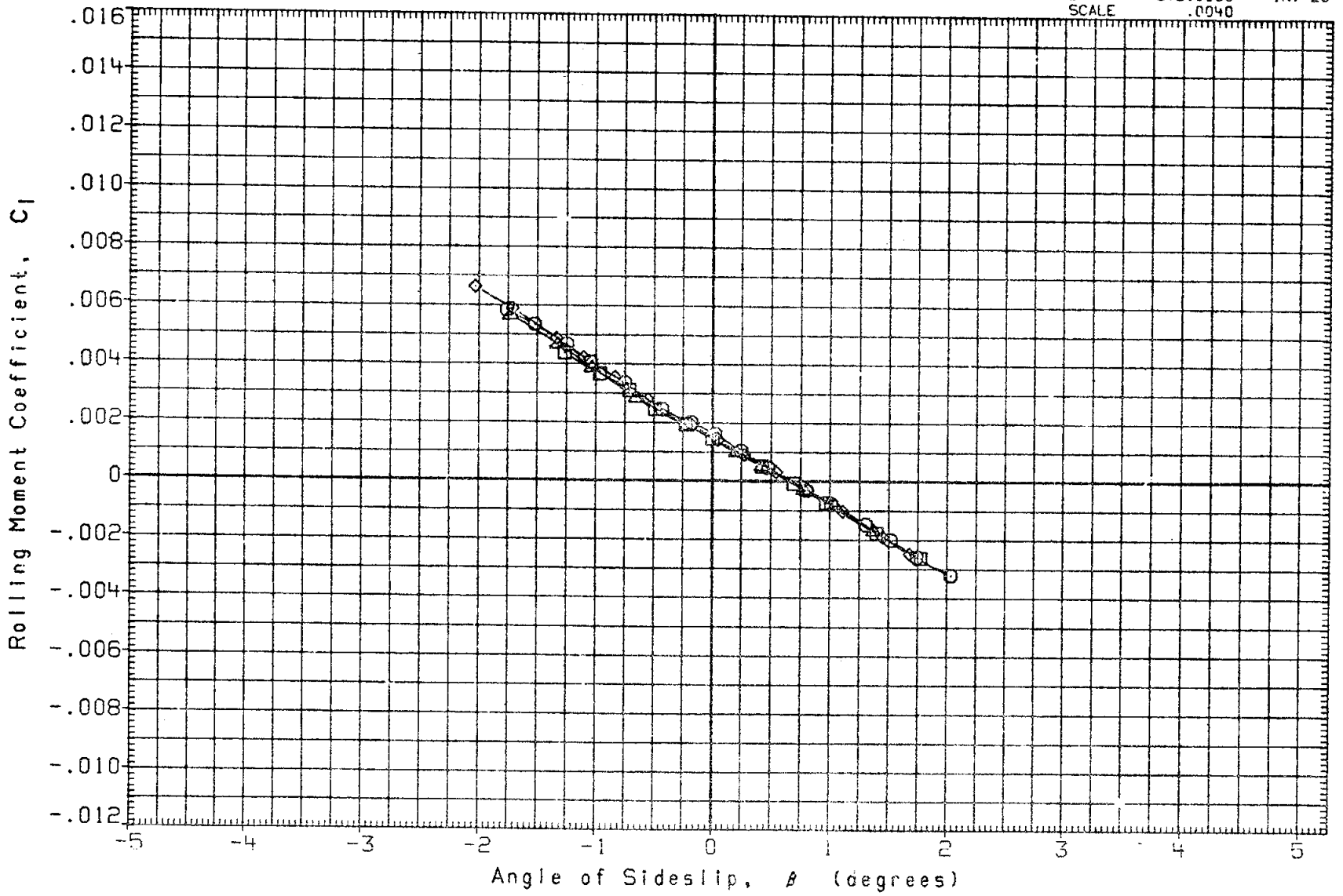

FIG. 13(D) LATERAL-DIRECTIONAL CHARACTERISTICS, HYSTERESIS EFFECTS

(C)ALPHA = 35.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ037	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ038	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ039	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ040	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

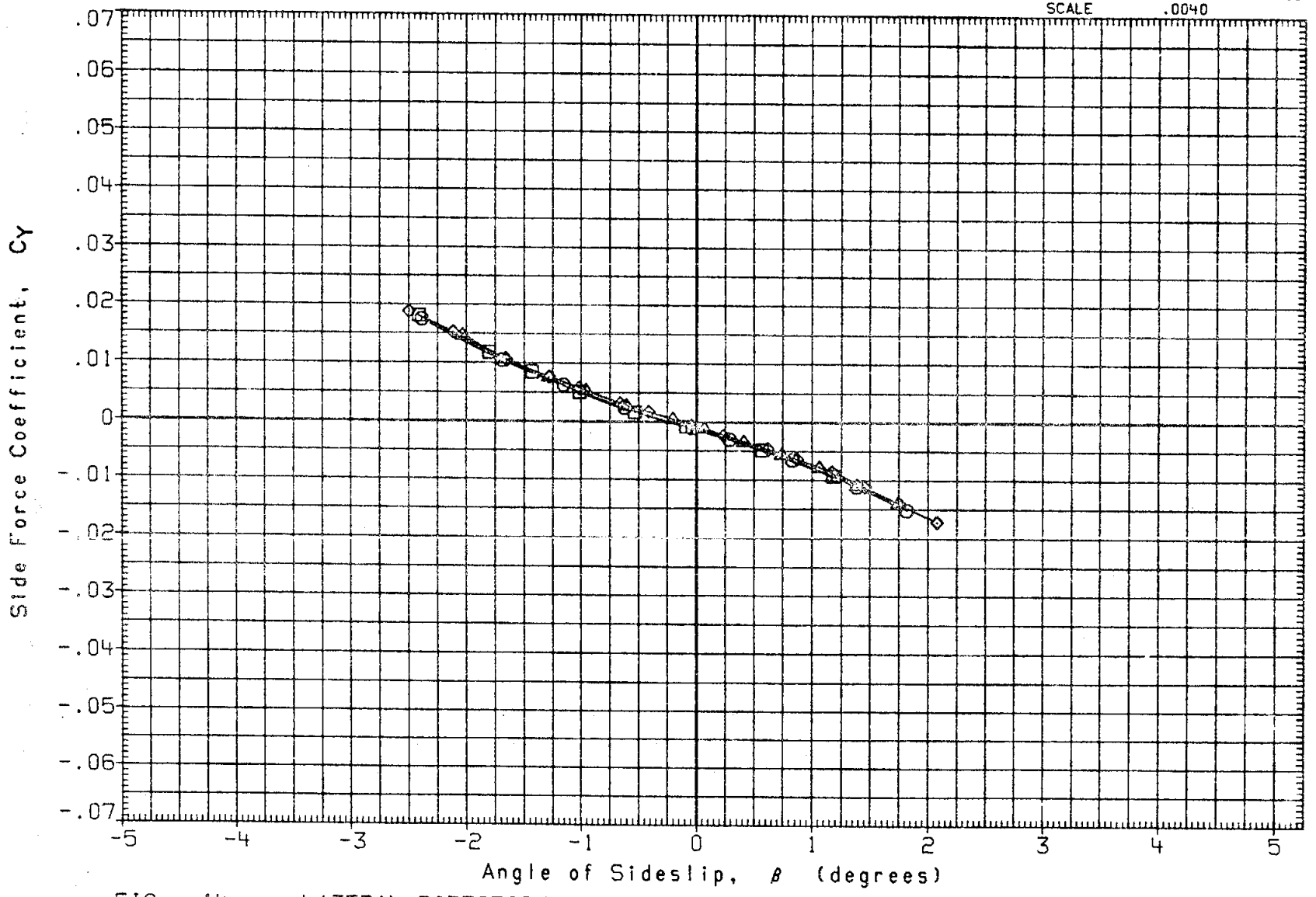

FIG. 14 LATERAL-DIRECTIONAL CHARACTERISTICS, DATA REPEATABILITY
OMS POD OFF, SPEEDBRAKE = 85

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ037	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ038	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ039	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ040	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

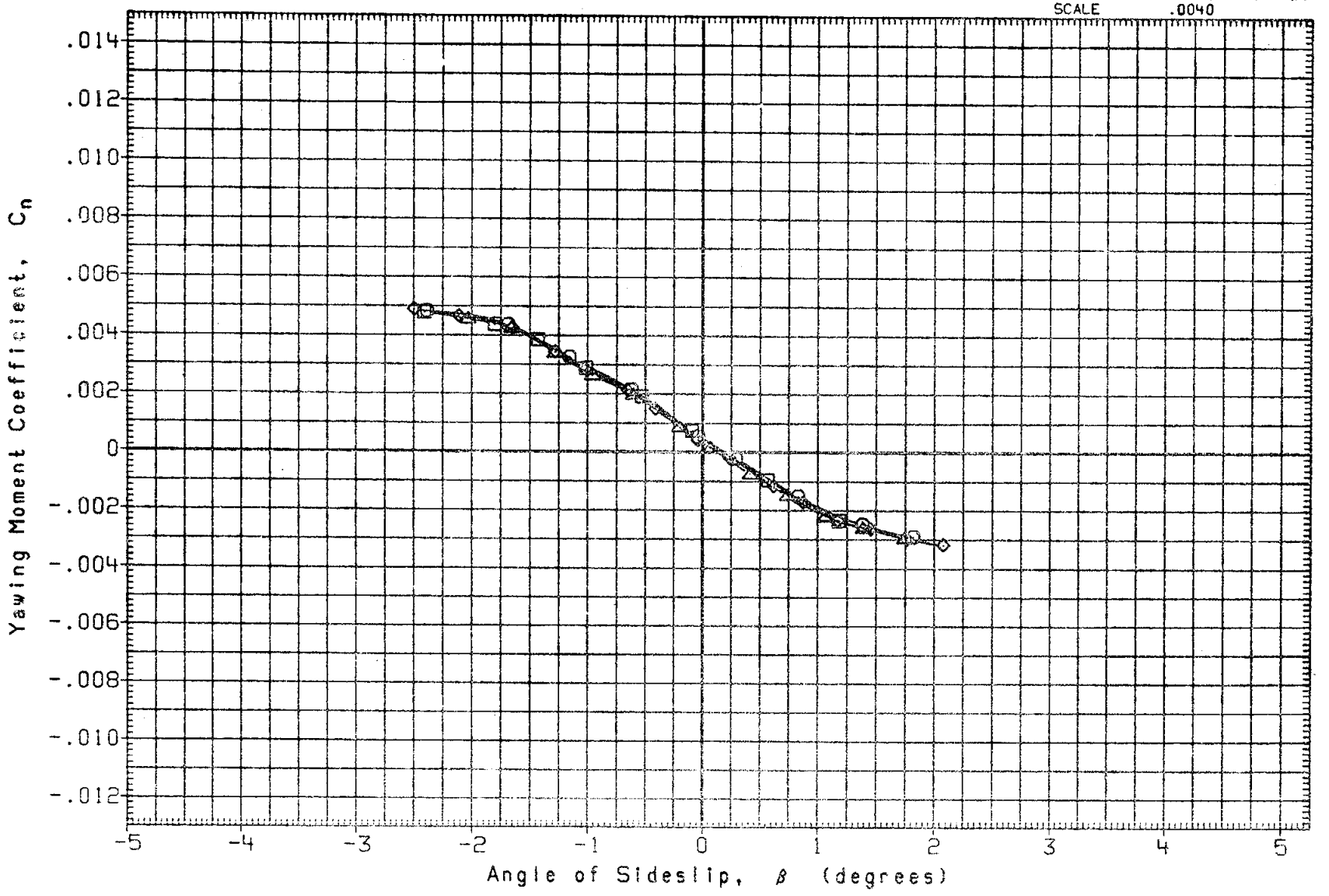

FIG. 14 LATERAL-DIRECTIONAL CHARACTERISTICS, DATA REPEATABILITY
OMS POD OFF, SPEEDBRAKE = 85

(A)ALPHA = 20.00

DATA SET	SYMBOL	CONFIGURATION	SPDBRK	RN/L	PHI
RKZ037	○	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ038	□	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ039	◇	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000
RKZ040	△	LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5)	85.000	2.300	-90.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.7000	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0040	

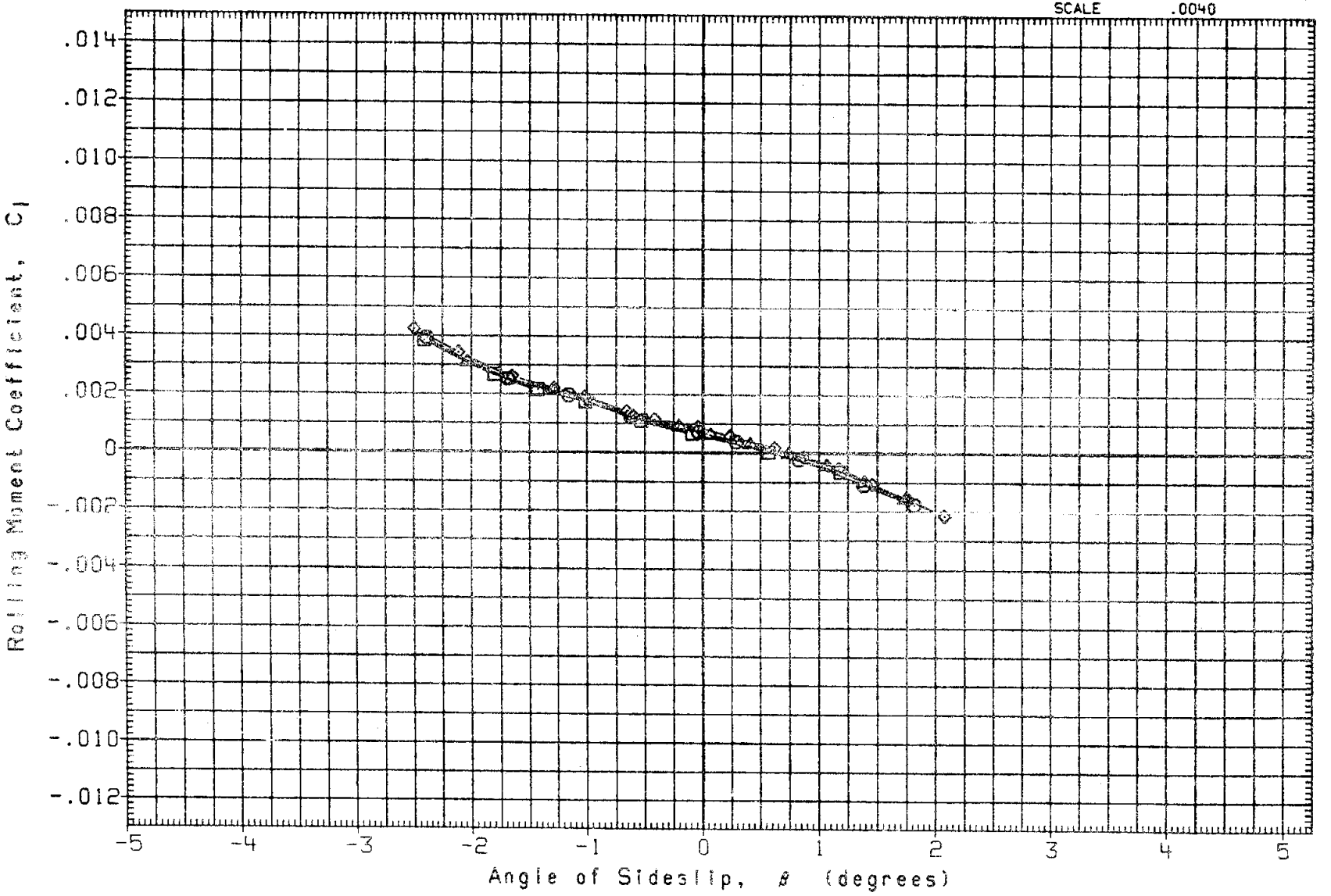

FIG. 14 LATERAL-DIRECTIONAL CHARACTERISTICS, DATA REPEATABILITY
OMS POD OFF, SPEEDBRAKE = 85

(A)ALPHA = 20.00

APPENDIX

TABULATED SOURCE DATA

Tabulations of plotted data are available from Data Management Services.

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ001) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 98/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-50.000	-1.63570	.20265	.13238	.01604	-.00276	-.00251	-.95003	1.33810	-.70996	.69565
.000	-40.000	-1.20670	.11688	.17657	.01034	-.00053	-.00184	-.80286	.92053	-.87217	.68571
.000	-30.000	-.83190	.07392	.16072	.01025	-.00086	-.00113	-.63724	.56006	-1.13780	.68276
.000	-20.000	-.45109	-.01295	.12288	.00434	-.00019	-.00138	-.38117	.27165	-1.40320	.63951
.000	-10.000	-.21210	-.04657	.10312	-.00063	.00045	-.00059	-.19129	.13661	-1.40020	.56928
.000	-8.000	-.18295	-.04271	.09996	-.00073	.00048	-.00037	-.16751	.12262	-1.36610	.56416
.000	-6.000	-.15342	-.03744	.09500	-.00038	.00027	-.00066	-.14288	.10839	-1.31810	.56026
.000	-4.000	-.11607	-.03287	.08803	-.00109	.00059	-.00062	-.10980	.09375	-1.17120	.54585
.000	-2.000	-.08009	-.03295	.08082	-.00114	.00053	-.00042	-.07730	.08138	-.94977	.49870
.000	.000	-.04888	-.02769	.07470	-.00080	.00050	-.00033	-.04888	.07239	-.67521	.44163
.000	.000	-.04473	-.03038	.07603	-.00118	.00056	-.00038	-.04473	.07376	-.60639	.40013
	GRADIENT	.01726	.00105	-.00313	.00003	-.00001	.00006	.01570	-.00508	.13459	-.03194

RUN NO. 100/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
1.000	-50.000	-1.62820	.19793	.13063	-.02173	.00053	-.00162	-.94654	1.33130	-.71101	.69480
1.000	-40.000	-1.20000	.11003	.17399	-.01896	.00205	-.00006	-.79900	.91473	-.87348	.68380
1.000	-30.000	-.82023	.06702	.15658	-.01335	.00182	-.00047	-.62784	.55300	-1.13530	.68013
1.000	-20.000	-.43744	-.01165	.11801	-.01125	.00013	.00114	-.36877	.26580	-1.38740	.64027
1.000	-10.000	-.20705	-.04560	.09984	-.01349	.00006	.00027	-.18663	.13394	-1.39340	.56903
1.000	-8.000	-.17868	-.04321	.09711	-.01278	.00007	.00025	-.16356	.12010	-1.36180	.56108
1.000	-6.000	-.14571	-.03766	.09199	-.01304	-.00007	-.00028	-.13545	.10529	-1.28640	.55497
1.000	-4.000	-.10995	-.03472	.08565	-.01151	-.00057	-.00035	-.10383	.09144	-1.13540	.53387
1.000	-2.000	-.07178	-.03403	.07936	-.01059	-.00085	-.00013	-.06902	.08019	-.86077	.47565
1.000	.000	-.04612	-.02704	.07487	-.01072	-.00019	-.00016	-.04612	.07252	-.63595	.43437
1.000	.000	-.03712	-.03163	.07423	-.01097	-.00026	-.00021	-.03712	.07263	-.51110	.33659
	GRADIENT	.01690	.00144	-.00274	.00014	.00011	.00003	.01538	-.00463	.14076	-.03782

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ001) (03 NOV 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0040				

PARAMETRIC DATA

ELEVON =	.000	AILRON =	.000
BDFLAP =	.000	SPDBRK =	.000
RUDDER =	.100	MACH =	6.000
PHI =	180.000	SWEEP =	2.000

RUN NO. 101/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
2.000	-50.000	-1.61190	.18969	.12955	-.05337	.00286	-.00109	-.93688	1.31810	-.71080	.69337
2.000	-40.000	-1.20110	.10908	.17378	-.05000	.00536	.00221	-.80031	.91488	-.87477	.68348
2.000	-30.000	-.81244	.06294	.15932	-.04804	.00517	.00012	-.62060	.54997	-1.12840	.67857
2.000	-20.000	-.43703	-.01751	.11816	-.03315	.00128	.00300	-.36851	.26532	-1.38890	.63533
2.000	-10.000	-.20833	-.04631	.10110	-.02814	-.00008	.00130	-.18779	.13469	-1.39430	.56828
2.000	-8.000	-.18045	-.04234	.09838	-.02783	-.00008	.00096	-.16516	.12138	-1.36080	.56374
2.000	-6.000	-.14742	-.03690	.09293	-.02666	-.00033	-.00018	-.13707	.10626	-1.29000	.55796
2.000	-4.000	-.11005	-.03420	.08598	-.02261	-.00180	.00017	-.10390	.09177	-1.13210	.53570
2.000	-2.000	-.07308	-.03283	.08061	-.02094	-.00190	.00026	-.07028	.08142	-.86316	.48480
2.000	.000	-.04512	-.02696	.07656	-.02208	-.00084	-.00023	-.04512	.07383	-.61122	.43024
2.000	.000	-.03789	-.02930	.07588	-.02193	-.00101	-.00025	-.03789	.07410	-.51137	.36553
	GRADIENT	.01701	.00159	-.00242	.00009	.00024	-.00012	.01549	-.00439	.14345	-.03527

RUN NO. 102/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
3.000	-50.000	-1.61380	.18805	.12721	.09207	.00551	-.00022	-.93990	1.31900	-.71311	.69312
3.000	-40.000	-1.20260	.11093	.16787	-.08300	.00725	.00506	-.80324	.91365	-.87915	.68401
3.000	-30.000	-.81323	.06325	.15730	-.07654	.00794	.00163	-.62139	.55018	-1.12940	.67868
3.000	-20.000	-.43237	-.02173	.12151	-.05634	.00294	.00453	-.36334	.26590	-1.36640	.63158
3.000	-10.000	-.20675	-.04609	.10087	-.04508	.00008	.00208	-.18622	.13453	-1.38420	.56804
3.000	-8.000	-.18065	-.04131	.09868	-.04498	.00020	.00163	-.16528	.12200	-1.35470	.56592
3.000	-6.000	-.14698	-.03758	.09138	-.04003	-.00142	.00053	-.13677	.10485	-1.30440	.55600
3.000	-4.000	-.10803	-.03466	.08561	-.03493	-.00291	.00072	-.10190	.09142	-1.11460	.53202
3.000	-2.000	-.07274	-.03274	.08119	-.03494	-.00210	.00027	-.06992	.08209	-.85168	.48445
3.000	.000	-.04649	-.02677	.07722	-.03523	-.00147	-.00016	-.04649	.07519	-.61832	.43816
3.000	.000	-.03849	-.02795	.07678	-.03494	-.00143	-.00027	-.03849	.07510	-.51258	.38287
	GRADIENT	.01627	.00190	-.00215	-.00004	.00036	-.00023	.01475	-.00402	.13782	-.03098

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ001) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 103/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
5.000	-50.000	-1.60770	.18846	.12871	-.15247	.00911	.00282	-.93479	1.31430	-.71126	.69320
5.000	-40.000	-1.20720	.11344	.16975	-.14581	.01167	.00975	-.80607	.91742	-.87863	.68465
5.000	-30.000	-.83431	.07141	.15908	-.12815	.01267	.00525	-.63845	.56279	-1.13440	.68156
5.000	-20.000	-.44867	-.01422	.12330	-.09569	.00535	.00752	-.37792	.27350	-1.38180	.63841
5.000	-10.000	-.21345	-.04485	.10306	-.07771	.00077	.00369	-.19255	.13721	-1.40330	.57275
5.000	-8.000	-.18375	-.04143	.09925	-.07300	-.00026	.00314	-.16841	.12198	-1.38060	.56710
5.000	-6.000	-.14841	-.03918	.09228	-.06652	-.00212	.00178	-.13815	.10537	-1.31110	.55293
5.000	-4.000	-.11238	-.03589	.06748	-.06420	-.00173	.00109	-.10614	.09317	-1.13930	.53258
5.000	-2.000	-.07832	-.03125	.08445	-.06311	-.00112	.00029	-.07540	.08507	-.88624	.50323
5.000	.000	-.04816	-.02603	.07854	-.05921	-.00225	-.00037	-.04816	.07651	-.62948	.45118
5.000	.000	-.04298	-.02777	.07884	-.05806	-.00224	-.00031	-.04298	.07667	-.56058	.41234
	GRADIENT	.01667	.00224	-.00226	.00147	-.00017	-.00035	.01512	-.00415	.13693	-.02616

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 90/ 0 RN/L = 4.46 GRADIENT INTE. .AL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-2.000	-.07691	-.02988	.07784	-.00002	.00079	-.00050	-.07424	.07805	-.95118	.50713
.000	-2.000	-.07966	-.02673	.07838	-.00060	.00096	-.00075	-.07696	.07872	-.97767	.52659
.000	.000	-.04067	-.02700	.07327	-.00005	.00084	-.00033	-.04067	.07076	-.57470	.40576
.000	10.000	.15746	-.00858	.06201	-.00064	.00082	-.00007	.14468	.08626	1.67720	.67011
.000	20.000	.45317	-.00303	.06139	-.00233	.00081	.00075	.40604	.20940	1.93910	.65253
.000	25.000	.63362	-.00336	.06035	-.00326	.00079	.00075	.55033	.31908	1.72470	.65202
.000	30.000	.83885	-.01120	.06213	-.00372	.00096	.00092	.69720	.47011	1.48300	.65498
	GRADIENT	.01881	.00065	-.00242	.00013	-.00002	.00015	.01747	-.00381	.19486	-.05555

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 91/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	-2.000	-.08351	-.02561	.07913	.00974	.00249	-.00106	-.08078	.07972	-1.01330	.53722
-1.000	.000	-.04508	-.02344	.07406	.01190	.00164	-.00075	-.04508	.07182	-.62776	.45876
-1.000	10.000	.14936	-.00560	.06231	.00803	.00194	.00069	.13668	.08502	1.60770	.66387
-1.000	20.000	.44546	.00006	.06148	.00514	.00224	.00205	.39881	.20673	1.92920	.65002
-1.000	25.000	.63369	-.00162	.06094	.00427	.00275	.00212	.55012	.31969	1.72080	.65101
-1.000	30.000	.83807	-.01073	.06190	.00418	.00284	.00231	.69667	.46947	1.48390	.65478
	GRADIENT	.01921	.00109	-.00254	.00108	-.00043	.00016	.01785	-.00395	.19277	-.03923

RUN NO. 93/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	-2.000	-.08062	-.02889	.08015	.02126	.00319	-.00136	-.07786	.08053	-.96678	.51819
-2.000	-2.000	-.08526	-.02662	.08102	.02188	.00324	-.00134	-.08246	.08156	-1.01110	.53520
-2.000	.000	-.04848	-.02546	.07573	.02255	.00222	-.00063	-.04848	.07337	-.66078	.45685
-2.000	10.000	.14855	-.00793	.06231	.01697	.00296	.00127	.13593	.08453	1.60810	.66972
-2.000	20.000	.44677	-.00167	.06091	.01408	.00354	.00311	.40027	.20654	1.93800	.65145
-2.000	25.000	.63073	-.00314	.06126	.01181	.00422	.00342	.54751	.31831	1.72000	.65190
-2.000	30.000	.83594	-.01179	.06251	.01114	.00462	.00378	.69455	.46888	1.48130	.65526
	GRADIENT	.01723	.00115	-.00243	.00049	-.00050	.00036	.01584	-.00384	.16408	-.03492

RUN NO. 94/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-3.000	-2.000	-.08640	-.02576	.08147	.03531	.00311	-.00152	-.08358	.08222	-1.01650	.54036
-3.000	.000	-.05330	-.02256	.07750	.03520	.00237	-.00068	-.05330	.07531	-.70777	.49436
-3.000	10.000	.14460	-.00462	.06306	.02712	.00405	.00193	.13194	.08448	1.56190	.66181
-3.000	20.000	.43810	-.00031	.06103	.02356	.00497	.00443	.39211	.20362	1.92570	.65033
-3.000	25.000	.62739	-.00074	.06217	.02030	.00588	.00511	.54408	.31775	1.71230	.65050
-3.000	30.000	.83651	-.01092	.06261	.01876	.00643	.00569	.69502	.46921	1.48130	.65487
	GRADIENT	.01655	.00160	-.00198	-.00006	-.00037	.00042	.01514	-.00346	.15437	-.02300

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 95/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-5.000	-2.000	-.08559	-.02687	.08182	.06073	.00287	-.00129	-.08275	.08287	-.99855	.53455
-5.000	-2.000	-.09472	-.02394	.08259	.06072	.00282	-.00159	-.09184	.08416	-1.09130	.55708
-5.000	.000	-.05582	-.02149	.07730	.05636	.00349	-.00072	-.05582	.07553	-.73905	.50842
-5.000	10.000	.14356	-.00511	.06336	.04611	.00565	.00365	.13086	.08455	1.54770	.66316
-5.000	20.000	.43843	.00215	.06226	.04186	.00820	.00755	.39210	.20460	1.91640	.64826
-5.000	25.000	.62245	.00001	.06206	.03636	.00868	.00819	.53956	.31576	1.70880	.65006
-5.000	30.000	.83608	-.00975	.06375	.03632	.00911	.00988	.69401	.47011	1.47630	.65436
	GRADIENT	.01717	.00196	-.00245	-.00218	.00032	.00036	.01574	-.00399	.15294	-.01870

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 109/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-50.000	-1.61550	.20296	.12050	.01532	-.00205	-.00411	-.94615	1.31500	-.71948	.69629
.000	-40.000	-1.19030	.11557	.17064	.00970	.00024	-.00286	-.80214	.89583	-.89541	.68579
.000	-30.000	-.81241	.06733	.16045	.00382	-.00001	-.00169	-.61863	.55331	-1.11810	.68056
.000	-20.000	-.43142	-.01650	.12370	.00135	.00056	-.00172	-.36154	.26805	-1.34880	.63600
.000	-10.000	-.20958	-.04425	.10350	-.00150	.00111	-.00101	-.18859	.13740	-1.37260	.57239
.000	-8.000	-.18139	-.04043	.10019	-.00109	.00091	-.00088	-.16585	.12323	-1.34580	.56805
.000	-6.000	-.15173	-.03556	.09533	-.00067	.00061	-.00092	-.14112	.10889	-1.29590	.56383
.000	-4.000	-.11566	-.03122	.08911	-.00145	.00083	-.00100	-.10930	.09489	-1.15180	.55074
.000	-2.000	-.07885	-.03194	.08157	-.00137	.00063	-.00064	-.07603	.08201	-.92716	.50100
.000	.000	-.04997	-.02736	.07570	-.00183	.00104	-.00059	-.04997	.07326	-.68218	.44865
.000	.000	-.04450	-.02952	.07647	-.00126	.00064	-.00042	-.04450	.07415	-.60015	.40603
	GRADIENT	.01699	.00079	-.00321	-.00003	.00001	.00012	.01541	-.00519	.12905	-.03139

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 108/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
1.000	-50.000	-1.61810	.20867	.12663	-.02020	.00107	-.00373	-.94308	1.32090	-.71396	.69752
1.000	-40.000	-1.19520	.11848	.17273	-.02679	.00470	-.00069	-.79327	.91396	-.86796	.68654
1.000	-30.000	-.81375	.07186	.16088	-.02163	.00371	-.00154	-.61970	.55416	-1.11830	.68256
1.000	-20.000	-.42945	-.01796	.12257	-.01688	.00192	.00036	-.36014	.26614	-1.35320	.63468
1.000	-10.000	-.20941	-.04195	.10326	-.01648	.00131	-.00035	-.18851	.13683	-1.37770	.57637
1.000	-8.000	-.18128	-.03914	.09955	-.01589	.00111	-.00043	-.16586	.12238	-1.35530	.57063
1.000	-6.000	-.14846	-.03442	.09458	-.01522	.00093	-.00094	-.13795	.10776	-1.28010	.56476
1.000	-4.000	-.11315	-.03075	.08783	-.01316	.00015	-.00072	-.10689	.09343	-1.14400	.55008
1.000	-2.000	-.07831	-.02962	.08165	-.01170	-.00042	-.00028	-.07549	.08214	-.91907	.51092
1.000	.000	-.04834	-.02552	.07557	-.01261	.00039	-.00063	-.04834	.07314	-.66094	.45584
1.000	.000	-.04319	-.02854	.07652	-.01251	.00017	-.00045	-.04319	.07417	-.58234	.40696
	GRADIENT	.01679	.00096	-.00293	.00010	.00005	.00003	.01524	-.00488	.13224	-.03059

RUN NO. 107/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
2.000	-50.000	-1.61480	.20455	.12380	-.05777	.00406	-.00344	-.94313	1.31600	-.71635	.69668
2.000	-40.000	-1.19210	.11731	.17248	-.05807	.00717	.00118	-.79107	.91180	-.86759	.68628
2.000	-30.000	-.81279	.07323	.15993	-.05152	.00725	-.00112	-.61950	.55258	-1.12110	.68322
2.000	-20.000	-.43452	-.01622	.12278	-.03772	.00338	.00188	-.36481	.26812	-1.36060	.63633
2.000	-10.000	-.20566	-.04412	.10314	-.03158	.00156	.00059	-.18486	.13594	-1.35980	.57114
2.000	-8.000	-.17616	-.03983	.09974	-.03019	.00145	.00008	-.16079	.12171	-1.32110	.56688
2.000	-6.000	-.14748	-.03467	.09465	-.02920	.00107	-.00098	-.13697	.10774	-1.27130	.56357
2.000	-4.000	-.10809	-.03278	.08707	-.02414	-.00081	-.00033	-.10190	.09221	-1.10500	.53849
2.000	-2.000	-.07360	-.03127	.08233	-.02255	-.00111	-.00015	-.07076	.08251	-.85756	.49372
2.000	.000	-.04710	-.02591	.07688	-.02391	-.00001	-.00064	-.04710	.07449	-.63230	.44766
2.000	.000	-.03987	-.02875	.07743	-.02369	-.00024	-.00046	-.03987	.07518	-.53033	.38480
	GRADIENT	.01605	.00142	-.00249	.00002	.00020	-.00007	.01452	-.00430	.13158	-.03131

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 106/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
3.000	-50.000	-1.61770	.20608	.12679	-.08661	.00645	-.00226	-.94273	1.32070	-.71378	.69694
3.000	-40.000	-1.19170	.11588	.17307	-.09315	.01058	.00301	-.79175	.91041	-.86967	.68585
3.000	-30.000	-.82161	.07442	.16145	-.08218	.01148	-.00049	-.62682	.55755	-1.12420	.68340
3.000	-20.000	-.43268	-.01779	.12413	-.06181	.00591	.00299	-.36299	.26777	-1.35560	.63494
3.000	-10.000	-.20639	-.04404	.10413	-.05000	.00257	.00096	-.18544	.13685	-1.35510	.57155
3.000	-8.000	-.18124	-.03923	.10159	-.04939	.00254	.00029	-.16556	.12419	-1.33320	.57043
3.000	-6.000	-.14801	-.03462	.09345	-.04430	.00048	-.00055	-.13763	.10648	-1.29260	.56351
3.000	-4.000	-.11152	-.03358	.08767	-.03861	-.00137	-.00021	-.10528	.09313	-1.13040	.53926
3.000	-2.000	-.07404	-.03141	.08279	-.03715	-.00100	-.00042	-.07118	.08329	-.85466	.49400
3.000	.000	-.04848	-.02407	.07794	-.03824	.00002	-.00107	-.04848	.07563	-.64101	.46736
3.000	.000	-.04104	-.02673	.07818	-.03730	-.00023	-.00095	-.04104	.07609	-.53935	.41042
	GRADIENT	.01650	.00213	-.00240	.00016	.00033	-.00021	.01496	-.00426	.13480	-.02532

RUN NO. 105/ 0 RN/L = 4.33 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
5.000	-50.000	-1.58830	.19406	.12700	-.16628	.01555	-.00088	-.92369	1.29840	-.71142	.69502
5.000	-40.000	-1.19680	.12065	.17131	-.15382	.01613	.00628	-.79629	.91291	-.87226	.68716
5.000	-30.000	-.82102	.07134	.16142	-.13855	.01805	.00166	-.62595	.55735	-1.12210	.68204
5.000	-20.000	-.44865	-.01003	.12549	-.10467	.00982	.00477	-.37716	.27552	-1.36890	.64184
5.000	-10.000	-.21303	-.04046	.10375	-.08189	.00378	.00127	-.19195	.13818	-1.38910	.58018
5.000	-8.000	-.18180	-.04025	.10007	-.07690	.00239	.00101	-.16632	.12286	-1.35380	.56861
5.000	-6.000	-.14497	-.03650	.09204	-.06955	.00029	-.00014	-.13474	.10493	-1.28400	.55742
5.000	-4.000	-.11246	-.03401	.08785	-.06723	.00057	-.00067	-.10618	.09375	-1.13260	.53880
5.000	-2.000	-.08220	-.02949	.08537	-.06899	.00144	-.00123	-.07924	.08610	-.92032	.51804
5.000	.000	-.05217	-.02444	.07941	-.06291	.00021	-.00180	-.05217	.07714	-.67629	.47770
5.000	.000	-.04823	-.02675	.08002	-.06340	.00016	-.00164	-.04823	.07791	-.61907	.44599
	GRADIENT	.01560	.00209	-.00211	.00119	-.00014	-.00026	.01404	-.00408	.12260	-.02004

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ004) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 88/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-2.000	-.07650	-.02756	.07836	-.00060	.00106	-.00065	-.07381	.07853	-.93992	.51753
.000	-2.000	-.08204	-.02518	.07913	-.00102	.00103	-.00060	-.07931	.07958	-.99662	.53713
.000	.000	-.04174	-.02488	.07391	-.00004	.00106	-.00034	-.04174	.07136	-.58493	.43078
.000	10.000	.15677	-.00812	.06229	-.00086	.00088	.00011	.14395	.08641	1.66590	.66914
.000	20.000	.44744	-.00198	.06144	-.00214	.00067	.00072	.40061	.20756	1.93010	.65170
.000	25.000	.63432	-.00282	.06028	-.00292	.00074	.00091	.55098	.31934	1.72540	.65171
.000	30.000	.83835	-.01139	.06199	-.00374	.00095	.00089	.69686	.46971	1.48360	.65507
	GRADIENT	.01877	.00075	-.00242	.00039	.00001	.00014	.01741	-.00385	.19167	-.04828

RUN NO. 89/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	-2.000	-.08507	-.02414	.08022	.00976	.00234	-.00110	-.08230	.08087	-1.01770	.54568
-1.000	.000	-.04784	-.02261	.07494	.01107	.00149	-.00040	-.04784	.07260	-.65896	.47619
-1.000	10.000	.14688	-.00521	.06266	.00825	.00185	.00075	.13417	.08492	1.58010	.66312
-1.000	20.000	.44261	.00111	.06157	.00641	.00198	.00227	.39612	.20578	1.92490	.64915
-1.000	25.000	.62858	-.00115	.06073	.00373	.00280	.00238	.54557	.31737	1.71900	.65074
-1.000	30.000	.82947	-.00821	.06041	.00401	.00242	.00268	.68994	.46393	1.48720	.65371
	GRADIENT	.01861	.00076	-.00264	.00066	-.00043	.00035	.01723	-.00413	.17937	-.03475

RUN NO. 86/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	-2.000	-.08265	-.02756	.08145	.02125	.00304	-.00106	-.07984	.08192	-.97464	.52737
-2.000	-2.000	-.08580	-.02436	.08150	.02121	.00305	-.00103	-.08299	.08215	-1.01020	.54559
-2.000	.000	-.04905	-.02436	.07653	.02255	.00197	-.00031	-.04905	.07418	-.66124	.46736
-2.000	10.000	.14992	-.00625	.06261	.01796	.00274	.00166	.13722	.08516	1.61130	.66540
-2.000	20.000	.44459	-.00232	.06095	.01365	.00372	.00317	.39826	.20570	1.93610	.65199
-2.000	25.000	.63080	-.00228	.06134	.01122	.00421	.00382	.54754	.31839	1.71970	.65140
-2.000	30.000	.83383	-.01106	.06227	.01115	.00429	.00427	.69278	.46773	1.48120	.65495
	GRADIENT	.01759	.00080	-.00247	.00066	-.00054	.00037	.01618	-.00393	.16559	-.03456

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ004) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 87/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-3.000	-2.000	-.08704	-.02380	.08193	.03549	.00260	-.00087	-.08420	.08271	-1.01800	.54945
-3.000	.000	-.05542	-.02061	.07763	.03553	.00172	-.00024	-.05542	.07547	-.73442	.51326
-3.000	10.000	.13939	-.00358	.06301	.02744	.00331	.00252	.12679	.08364	1.51590	.65953
-3.000	20.000	.43620	.00071	.06083	.02340	.00490	.00473	.39037	.20281	1.92480	.64947
-3.000	25.000	.62385	-.00037	.06201	.02062	.00577	.00549	.54091	.31616	1.71090	.65029
-3.000	30.000	.83245	-.01004	.06219	.01959	.00610	.00623	.69163	.46695	1.48120	.65451
	GRADIENT	.01581	.00160	-.00215	.00007	-.00044	.00031	.01439	-.00362	.14179	-.01810

RUN NO. 85/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-5.000	-2.000	-.08240	-.02419	.08242	.06444	.00101	-.00006	-.07953	.08352	-.95219	.54205
-5.000	-2.000	-.08801	-.02176	.08219	.06266	.00113	-.00037	-.08515	.08340	-1.02110	.55908
-5.000	.000	-.05131	-.01916	.07685	.05879	.00218	.00045	-.05131	.07505	-.68359	.51266
-5.000	10.000	.15226	-.00437	.06329	.04858	.00453	.00484	.13943	.08605	1.62040	.66063
-5.000	20.000	.43527	.00149	.06203	.04118	.00746	.00796	.38923	.20326	1.91490	.64881
-5.000	25.000	.62742	-.00035	.06191	.03697	.00840	.00871	.54416	.31761	1.71340	.65027
-5.000	30.000	.82692	-.00965	.06309	.03642	.00857	.01007	.68636	.46504	1.47590	.65436
	GRADIENT	.01695	.00191	-.00272	-.00238	.00056	.00033	.01552	-.00420	.15153	-.01895

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ005) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 53/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.44568	-.00274	.06166	-.00326	.00049	.00069	.39880	.20737	1.92320	.65233
.000	20.000	.43870	.00037	.06200	-.00426	.00057	.00035	.39217	.20519	1.91120	.64976
.000	25.000	.62426	-.00167	.06019	-.00490	.00089	.00063	.54164	.31556	1.71650	.65105
.000	30.000	.83059	-.00866	.05967	-.00543	.00115	.00072	.69095	.46442	1.48780	.65390
.000	35.000	1.04130	-.02071	.05915	-.00664	.00153	.00083	.82071	.64332	1.27570	.65739
.000	40.000	1.27380	-.03785	.05874	-.00858	.00156	.00109	.94001	.86138	1.09130	.66100
.000	40.000	1.27040	-.03972	.05827	-.00494	.00127	.00135	.93772	.85881	1.09190	.66157
.000	40.000	1.26630	-.03675	.05879	-.00672	.00154	.00088	.93416	.85669	1.09040	.66075
.000	45.000	1.48890	-.05509	.05683	-.00711	.00187	.00089	1.01520	1.09050	.93095	.66368
.000	45.000	1.48850	-.05587	.05641	-.00681	.00165	.00126	1.01510	1.09000	.93129	.66388
.000	50.000	1.70120	-.07370	.05340	-.00790	.00229	.00099	1.05490	1.33560	.78989	.66601
.000	55.000	1.88300	-.08194	.05026	-.00890	.00293	.00114	1.04100	1.56980	.66311	.66608
.000	60.000	2.01520	-.07367	.04707	-.00976	.00312	.00128	.96832	1.76790	.54773	.66352
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 68/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	20.000	.44906	-.00284	.06035	.00530	.00178	.00199	.40232	.20759	1.93810	.65239
-1.000	20.000	.44676	-.00117	.06123	.00433	.00186	.00194	.39984	.20768	1.92520	.65103
-1.000	25.000	.62259	-.00295	.06046	.00172	.00286	.00202	.54000	.31513	1.71360	.65181
-1.000	30.000	.82893	-.00956	.06018	.00125	.00306	.00234	.68934	.46389	1.48600	.65431
-1.000	40.000	1.26940	-.03925	.06132	-.00019	.00408	.00253	.93502	.86059	1.08650	.66145
-1.000	50.000	1.70700	-.07806	.05654	-.00214	.00436	.00351	1.05620	1.34200	.78706	.66690
-1.000	60.000	2.00190	-.07279	.04744	-.00457	.00537	.00383	.96149	1.75650	.54738	.66345
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ005) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 64/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	20.000	.44708	-.00268	.06046	.01303	.00378	.00321	.40042	.20701	1.93430	.65227
-2.000	20.000	.43816	-.00181	.06079	.01224	.00383	.00306	.39187	.20443	1.91690	.65159
-2.000	25.000	.62583	-.00214	.06141	.01034	.00452	.00362	.54264	.31713	1.71110	.65133
-2.000	30.000	.82743	-.00909	.06060	.00888	.00498	.00467	.68800	.46320	1.48530	.65411
-2.000	35.000	1.04600	-.02272	.06164	.00925	.00489	.00495	.82317	.64801	1.27030	.65806
-2.000	40.000	1.26880	-.03728	.05939	.00621	.00556	.00547	.93602	.85846	1.09030	.66088
-2.000	40.000	1.26950	-.03922	.05906	.00760	.00533	.00593	.93667	.85863	1.09090	.66144
-2.000	40.000	1.27820	-.04117	.06158	.00634	.00607	.00516	.94168	.86631	1.08700	.66192
-2.000	45.000	1.48930	-.05620	.05737	.00559	.00594	.00607	1.01480	1.09130	.92996	.66395
-2.000	45.000	1.48980	-.05672	.05696	.00651	.00585	.00631	1.01570	1.09120	.93081	.66408
-2.000	50.000	1.70380	-.07601	.05407	.00456	.00620	.00631	1.05630	1.33780	.78958	.66648
-2.000	55.000	1.88360	-.08268	.05104	.00319	.00697	.00540	1.04080	1.57070	.66259	.66622
-2.000	60.000	2.01370	-.07502	.04747	.00291	.00705	.00662	.96725	1.76680	.54745	.66378
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 66/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-3.000	20.000	.44316	-.00223	.06092	.02210	.00516	.00504	.39660	.20606	1.92470	.65192
-3.000	20.000	.43404	.00038	.06095	.02015	.00538	.00473	.38795	.20317	1.90950	.64975
-3.000	25.000	.61811	-.00098	.06235	.01815	.00612	.00543	.53530	.31460	1.70150	.65065
-3.000	30.000	.81983	-.00696	.06093	.01591	.00683	.00644	.68117	.45983	1.48130	.65319
-3.000	40.000	1.26410	-.03535	.05962	.01398	.00744	.00791	.93221	.85567	1.08950	.66036
-3.000	50.000	1.70180	-.07428	.05414	.01107	.00923	.00869	1.05490	1.33630	.78944	.66613
-3.000	60.000	2.01100	-.07319	.04797	.00886	.00901	.00899	.96540	1.76470	.54705	.66346
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 69/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-5.000	20.000	.44288	-.00118	.06180	.03912	.00743	.00818	.39613	.20654	1.91790	.65105
-5.000	20.000	.43452	.00049	.06172	.03691	.00754	.00785	.38823	.20380	1.90500	.64965
-5.000	25.000	.62837	-.00054	.06272	.03357	.00907	.00865	.54446	.31927	1.70530	.65038
-5.000	30.000	.81414	-.00710	.06149	.03215	.00953	.01034	.67598	.45745	1.47770	.65327
-5.000	40.000	1.25300	-.03534	.05964	.02881	.01067	.01273	.92380	.84836	1.08890	.66045
-5.000	50.000	1.67970	-.07266	.05400	.02375	.01207	.01374	1.04080	1.31940	.78884	.66599
-5.000	55.000	1.85970	-.07692	.05122	.02044	.01229	.01179	1.02670	1.55130	.66185	.66529
-5.000	60.000	1.98490	-.07157	.04744	.02051	.01266	.01359	.95262	1.74200	.54687	.66333
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ006) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 110/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-50.000	-1.63760	.23337	.13983	.01043	-.00070	-.00368	-.94551	1.34430	-.70332	.70250
.000	-40.000	-1.21710	.14536	.19234	.00512	.00113	-.00282	-.80871	.92968	-.86988	.69401
.000	-30.000	-.83335	.09371	.17716	.00144	.00064	-.00195	-.62809	.57882	-1.08510	.69144
.000	-20.000	-.44690	.00516	.13967	-.00098	.00173	-.00225	-.37053	.28863	-1.28370	.65432
.000	-10.000	-.21870	-.02795	.11365	-.00291	.00200	-.00169	-.19580	.14900	-1.31410	.60304
.000	-8.000	-.18824	-.02760	.10795	-.00199	.00154	-.00126	-.17150	.13227	-1.29650	.59612
.000	-6.000	-.15849	-.02445	.10183	-.00144	.00108	-.00140	-.14712	.11654	-1.26240	.59330
.000	-4.000	-.11791	-.02380	.09430	-.00187	.00112	-.00135	-.11116	.10077	-1.10310	.57581
.000	-2.000	-.08176	-.02488	.08547	-.00201	.00102	-.00107	-.07878	.08680	-.90755	.53811
.000	.000	-.05400	-.02024	.08045	-.00263	.00146	-.00086	-.05400	.07807	-.69174	.51217
.000	.000	-.04584	-.02258	.08036	-.00198	.00096	-.00083	-.04584	.07864	-.58285	.46885
	GRADIENT	.01690	.00070	-.00339	-.00011	.00003	.00013	.01523	-.00548	.11815	-.02155

RUN NO. 111/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
2.000	-50.000	-1.62970	.22875	.14245	-.06459	.00740	-.00396	-.93845	1.34000	-.70032	.70171
2.000	-40.000	-1.20470	.14089	.19151	-.05982	.00905	-.00018	-.78803	.93504	-.84278	.69310
2.000	-30.000	-.82107	.08654	.17538	-.05481	.00844	-.00235	-.61858	.57072	-1.08390	.68885
2.000	-20.000	-.44247	.00245	.13756	-.04293	.00671	-.00019	-.36717	.28490	-1.28880	.65210
2.000	-10.000	-.21593	-.02794	.11317	-.03551	.00396	-.00125	-.19319	.14789	-1.30630	.60246
2.000	-8.000	-.18507	-.02716	.10819	-.03375	.00334	-.00151	-.16837	.13172	-1.27830	.59606
2.000	-6.000	-.15079	-.02470	.10100	-.03190	.00272	-.00242	-.13957	.11471	-1.21670	.58979
2.000	-4.000	-.11645	-.02376	.09365	-.02744	.00085	-.00163	-.10976	.09973	-1.10060	.57498
2.000	-2.000	-.08144	-.02321	.08767	-.02514	.00013	-.00132	-.07840	.08858	-.88507	.54522
2.000	.000	-.04888	-.01832	.08107	-.02655	.00166	-.00174	-.04888	.07904	-.61842	.51217
2.000	.000	-.04494	-.02221	.08213	-.02661	.00132	-.00169	-.04494	.08027	-.55987	.46825
	GRADIENT	.01737	.00093	-.00301	.00013	.00021	-.00004	.01572	-.00497	.12969	-.02177

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ007) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 80/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-2.000	-.08139	-.02157	.08394	-.00100	.00137	-.00124	-.07850	.08418	-.93253	.55254
.000	.000	-.04581	-.01926	.07863	-.00074	.00136	-.00100	-.04581	.07912	-.60180	.49539
.000	10.000	.14801	-.00225	.06538	-.00280	.00140	-.00066	.13479	.08790	1.53340	.65567
.000	20.000	.44761	.00022	.06320	-.00298	.00068	.00037	.40022	.20913	1.91380	.64989
.000	25.000	.63576	-.00361	.06097	-.00348	.00089	.00056	.55201	.32056	1.72200	.65216
.000	30.000	.83843	-.01111	.06264	-.00426	.00090	.00042	.69658	.47035	1.48100	.65494
	GRADIENT	.01779	.00116	-.00266	.00013	-.00000	.00012	.01635	-.00403	.16537	-.02858

RUN NO. 81/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	-2.000	-.09043	-.01740	.08585	.00992	.00230	-.00143	-.08746	.08666	-1.00930	.57925
-1.000	.000	-.05254	-.01650	.07961	.01174	.00120	-.00082	-.05254	.07727	-.68002	.53454
-1.000	10.000	.13995	.00003	.06612	.00726	.00191	.00015	.12676	.08704	1.45640	.64999
-1.000	20.000	.44113	.00270	.06306	.00550	.00224	.00149	.39422	.20666	1.90750	.64782
-1.000	25.000	.62449	-.00082	.06129	.00318	.00294	.00163	.54157	.31628	1.71230	.65055
-1.000	30.000	.83193	-.00924	.06129	.00449	.00220	.00245	.69168	.46585	1.48480	.65416
	GRADIENT	.01894	.00045	-.00312	.00091	-.00055	.00031	.01746	-.00469	.16464	-.02236

RUN NO. 82/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	-2.000	-.08730	-.01983	.08758	.02208	.00265	-.00070	-.08428	.08800	-.95774	.56649
-2.000	.000	-.05042	-.01780	.08174	.02504	.00121	-.00006	-.05042	.07921	-.63656	.52016
-2.000	10.000	.14951	-.00339	.06639	.01877	.00203	.00221	.13615	.08887	1.53210	.65842
-2.000	20.000	.44482	-.00209	.06196	.01249	.00442	.00279	.39800	.20706	1.92220	.65180
-2.000	25.000	.62873	-.00169	.06226	.01152	.00427	.00382	.54514	.31865	1.71080	.65106
-2.000	30.000	.83667	-.01066	.06240	.01220	.00381	.00459	.69509	.46941	1.48080	.65476
	GRADIENT	.01844	.00101	-.00292	.00148	-.00072	.00032	.01693	-.00439	.16059	-.02317

RUN NO. 83/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-3.000	-2.000	-.08919	-.01747	.08649	.03771	.00137	-.00030	-.08617	.08796	-.97964	.57801
-3.000	.000	-.05541	-.01425	.08245	.03811	.00038	.00053	-.05541	.08079	-.68591	.55542
-3.000	10.000	.14317	-.00107	.06490	.03059	.00202	.00329	.13011	.08660	1.50250	.65282
-3.000	20.000	.44076	.00075	.06197	.02325	.00516	.00469	.39437	.20517	1.92210	.64944
-3.000	25.000	.62560	.00029	.06315	.02132	.00547	.00574	.54205	.31787	1.70530	.64989
-3.000	30.000	.83407	-.00853	.06117	.02015	.00535	.00687	.69345	.46705	1.48470	.65383
	GRADIENT	.01689	.00161	-.00202	.00020	-.00049	.00042	.01538	-.00358	.14687	-.01130

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ007) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 84/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-5.000	-2.000	-.08287	-.01733	.08870	.07075	-.00175	.00133	-.07978	.09002	-.88623	.57313
-5.000	-2.000	-.08839	-.01358	.08860	.06888	-.00172	.00101	-.08530	.08991	-.94881	.59353
-5.000	.000	-.05234	-.01207	.08264	.06450	-.00081	.00179	-.05234	.08080	-.64781	.56522
-5.000	10.000	.14521	-.00052	.06654	.05330	.00204	.00555	.13195	.08792	1.50070	.65138
-5.000	20.000	.44106	.00128	.06360	.04452	.00705	.00817	.39421	.20649	1.90910	.64900
-5.000	25.000	.62359	.00009	.06305	.03862	.00786	.00859	.54021	.31705	1.70390	.65001
-5.000	30.000	.83422	-.00995	.06444	.03880	.00782	.01026	.69200	.46986	1.47280	.65446
	GRADIENT	.01665	.00169	-.00300	-.00265	.00046	.00031	.01510	-.00458	.13486	-.00905

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ008) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 55/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.44130	.00105	.06284	-.00351	.00055	.00058	.39424	.20711	1.90350	.64920
.000	20.000	.43791	.00237	.06302	-.00415	.00061	.00038	.39103	.20603	1.89790	.64808
.000	25.000	.62600	-.00088	.06090	-.00524	.00110	.00058	.54231	.31697	1.71280	.65059
.000	30.000	.82755	-.00845	.05994	-.00540	.00107	.00093	.68815	.46319	1.48570	.65383
.000	35.000	1.04410	-.02111	.05949	-.00648	.00156	.00097	.82283	.64526	1.27520	.65751
.000	40.000	1.26740	-.03787	.05876	-.00632	.00157	.00111	.93510	.85732	1.09070	.66106
.000	40.000	1.27070	-.04004	.05820	-.00596	.00149	.00130	.93802	.85904	1.09190	.66166
.000	40.000	1.26920	-.03920	.05864	-.00733	.00166	.00095	.93642	.85848	1.09080	.66143
.000	45.000	1.49020	-.05642	.05702	-.00796	.00184	.00083	1.01590	1.09150	.93070	.66400
.000	45.000	1.49020	-.05711	.05643	-.00694	.00178	.00131	1.01620	1.09120	.93122	.66417
.000	50.000	1.69630	-.07478	.05340	-.00893	.00256	.00112	1.05170	1.33180	.78968	.66629
.000	55.000	1.98150	-.08407	.05013	-.00964	.00305	.00126	1.04020	1.56860	.66316	.66651
.000	60.000	2.00930	-.07447	.04641	-.01026	.00315	.00150	.96585	1.76250	.54801	.66371
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ008) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 62/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	20.000	.44152	.00025	.06133	.01219	.00459	.00290	.39488	.20599	1.91700	.64986
-2.000	20.000	.44357	.00026	.06204	.01127	.00452	.00268	.39660	.20727	1.91350	.64985
-2.000	25.000	.62221	-.00092	.06202	.01009	.00462	.00376	.53910	.31617	1.70510	.65061
-2.000	30.000	.83003	-.00826	.06122	.00993	.00459	.00492	.68993	.46506	1.48350	.65373
-2.000	35.000	1.04430	-.02119	.06111	.00937	.00458	.00530	.82209	.64665	1.27130	.65753
-2.000	40.000	1.27230	-.03854	.06169	.00707	.00598	.00504	.93719	.86241	1.08670	.66121
-2.000	40.000	1.27270	-.04068	.05926	.00787	.00525	.00552	.93905	.86080	1.09090	.66183
-2.000	40.000	1.27600	-.04110	.06165	.00684	.00590	.00471	.93997	.86490	1.08680	.66192
-2.000	45.000	1.49320	-.05732	.05903	.00625	.00612	.00536	1.01640	1.09530	.92803	.66419
-2.000	45.000	1.48870	-.05618	.05714	.00665	.00567	.00628	1.01480	1.09060	.93056	.66395
-2.000	50.000	1.70530	-.07611	.05433	.00527	.00634	.00630	1.05700	1.33910	.78934	.66649
-2.000	55.000	1.88500	-.08299	.05059	.00347	.00672	.00527	1.04190	1.57160	.66293	.66627
-2.000	60.000	2.01250	-.07506	.04682	.00286	.00693	.00638	.96714	1.76540	.54782	.66379
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ009) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 113/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-50.000	-1.67740	.26951	.16135	.02613	-.00404	-.00386	-.95462	1.38870	-.68742	.71357
.000	-40.000	-1.22270	.17703	.21631	.00567	.00032	-.00330	-.79758	.95162	-.83813	.70334
.000	-30.000	-.84106	.12609	.20227	.00135	.00116	-.00293	-.62201	.60477	-1.02850	.70523
.000	-20.000	-.46346	.04198	.17122	-.00273	.00269	-.00324	-.37516	.32432	-1.15670	.68340
.000	-10.000	-.23901	.01361	.14441	-.00608	.00389	-.00269	-.21047	.18276	-1.15160	.67103
.000	-8.000	-.20353	.00294	.13155	-.00443	.00299	-.00212	-.18341	.15739	-1.16530	.65538
.000	-6.000	-.16869	-.00169	.11986	-.00345	.00225	-.00202	-.15539	.13535	-1.14800	.64638
.000	-4.000	-.12786	-.00461	.10879	-.00361	.00200	-.00177	-.12007	.11583	-1.03670	.63680
.000	-2.000	-.09066	-.00915	.09771	-.00346	.00184	-.00147	-.08725	.09914	-.88012	.61292
.000	.000	-.05994	-.00473	.09091	-.00379	.00220	-.00127	-.05994	.08915	-.67237	.62103
.000	.000	-.05629	-.00796	.09242	-.00388	.00180	-.00124	-.05629	.09062	-.62113	.59803
	GRADIENT	.01733	-.00027	-.00417	-.00007	.00001	.00013	.01540	-.00632	.09923	-.00635

RUN NO. 112/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
2.000	-50.000	-1.67980	.29058	.16177	-.05878	.00753	-.00544	-.95584	1.39080	-.68726	.71372
2.000	-40.000	-1.22490	.18068	.21551	-.06260	.01015	-.00139	-.79979	.95244	-.83973	.70435
2.000	-30.000	-.83071	.12052	.20024	-.05691	.00958	-.00346	-.61429	.59743	-1.02820	.70345
2.000	-20.000	-.46509	.04270	.17092	-.04825	.00932	-.00173	-.37686	.32442	-1.16170	.68385
2.000	-10.000	-.23766	.01434	.14471	-.04153	.00745	-.00290	-.20909	.18278	-1.14400	.67227
2.000	-8.000	-.20140	.00390	.13141	-.03852	.00610	-.00284	-.18131	.15704	-1.15450	.65719
2.000	-6.000	-.16438	-.00061	.11930	-.03582	.00484	-.00344	-.15116	.13446	-1.12420	.64871
2.000	-4.000	-.12550	-.00538	.10756	-.03065	.00252	-.00246	-.11782	.11425	-1.03120	.63428
2.000	-2.000	-.08790	-.00775	.09994	-.02868	.00198	-.00206	-.08442	.10112	-.83487	.61762
2.000	.000	-.05757	-.00294	.09273	-.02961	.00332	-.00257	-.05757	.09081	-.63397	.63130
2.000	.000	-.05163	-.00682	.09332	-.02974	.00293	-.00239	-.05163	.09158	-.56381	.60145
	GRADIENT	.01763	.00025	-.00362	.00018	.00019	-.00002	.01572	-.00569	.10898	-.00413

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ010) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 77/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	-2.000	-.08845	-.00486	.09672	-.00241	.00223	-.00154	-.08512	.09680	-.87935	.62986
.000	.000	-.05400	-.00352	.09195	-.00186	.00216	-.00124	-.05400	.08914	-.60583	.62605
.000	10.000	.14711	.00847	.07577	-.00291	.00185	-.00090	.13223	.09725	1.35980	.62889
.000	20.000	.44789	.00156	.06501	-.00118	-.00003	.00092	.39985	.21095	1.89550	.64878
.000	25.000	.63604	.00028	.06324	-.00334	.00088	.00051	.55110	.32316	1.70540	.64991
.000	30.000	.84000	-.00848	.06410	-.00372	.00091	.00070	.69705	.47268	1.47470	.65378
	GRADIENT	.01722	.00067	-.00238	.00028	-.00004	.00015	.01556	-.00383	.13676	-.00191

RUN NO. 78/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	-2.000	-.10095	.00047	.09979	.02328	.00214	-.00092	-.09747	.10132	-.96202	.65177
-2.000	.000	-.06652	.00102	.09398	.02478	.00100	-.00022	-.06652	.09208	-.72235	.65573
-2.000	10.000	.13442	.01258	.07529	.01819	.00208	.00165	.11973	.09507	1.25940	.61564
-2.000	20.000	.43731	.00538	.06499	.01229	.00490	.00222	.38994	.20724	1.88160	.64554
-2.000	25.000	.62950	.00289	.06404	.01165	.00430	.00349	.54222	.31963	1.69640	.64837
-2.000	30.000	.83428	-.00525	.06200	.01300	.00305	.00491	.69310	.46809	1.48070	.65239
	GRADIENT	.01722	.00028	-.00290	.00075	-.00057	.00035	.01548	-.00462	.11984	.00198

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ011) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 58/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.44157	.00071	.06444	-.00237	-.00004	.00091	.39404	.20845	1.89030	.64948
.000	20.000	.43794	.00274	.06448	-.00330	.00002	.00083	.39061	.20727	1.88450	.64776
.000	25.000	.62384	.00011	.06223	-.00544	.00129	.00048	.54037	.31730	1.70300	.65000
.000	30.000	.83035	-.00855	.06068	-.00498	.00099	.00106	.69019	.46524	1.48350	.65386
.000	35.000	1.04520	-.02097	.06004	-.00597	.00149	.00103	.82335	.64632	1.27390	.65745
.000	40.000	1.26950	-.03769	.05881	-.00582	.00151	.00121	.93669	.85874	1.09080	.66099
.000	40.000	1.27270	-.04058	.05814	-.00510	.00112	.00126	.93953	.86025	1.09220	.66180
.000	40.000	1.26750	-.03706	.05856	-.00670	.00145	.00131	.93523	.85734	1.09080	.66082
.000	45.000	1.48930	-.05552	.05690	-.00709	.00171	.00110	1.01540	1.09080	.93088	.66379
.000	45.000	1.49170	-.05715	.05680	-.00684	.00176	.00130	1.01700	1.09250	.93089	.66416
.000	50.000	1.70000	-.07564	.05293	-.00815	.00229	.00123	1.05450	1.33430	.79030	.66644
.000	55.000	1.88640	-.08581	.04967	-.00910	.00275	.00136	1.04340	1.57220	.66366	.66681
.000	60.000	2.01500	-.07653	.04582	-.00950	.00266	.00153	.96940	1.76700	.54861	.66404
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	20.000	.44105	.00175	.06344	.00242	.00352	.00090	.39379	.20761	1.89680	.64861
-1.000	20.000	.44063	.00266	.06376	.00112	.00372	.00063	.39325	.20787	1.89180	.64785
-1.000	25.000	.61661	.00089	.06233	.00083	.00330	.00150	.53377	.31435	1.69800	.64954
-1.000	30.000	.83227	-.00926	.06275	.00277	.00234	.00276	.69085	.46794	1.47630	.65416
-1.000	40.000	1.27070	-.03849	.06190	.00014	.00403	.00256	.93559	.86191	1.08550	.66121
-1.000	50.000	1.70340	-.07703	.05698	-.00224	.00435	.00325	1.05360	1.33960	.78650	.66671
-1.000	60.000	2.00900	-.07507	.04605	-.00399	.00508	.00372	.96622	1.76200	.54837	.66382
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ011) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 60/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	20.000	.44284	.00052	.06356	.01156	.00485	.00241	.39548	.20820	1.89950	.64964
-2.000	20.000	.44098	.00266	.06362	.01056	.00497	.00222	.39365	.20780	1.89440	.64785
-2.000	25.000	.61865	.00211	.06337	.01042	.00451	.00346	.53527	.31597	1.69400	.64881
-2.000	30.000	.82213	-.00628	.06166	.01051	.00411	.00520	.68286	.46150	1.47970	.65288
-2.000	35.000	1.04670	-.01984	.06040	.00944	.00434	.00572	.82439	.64745	1.27330	.65704
-2.000	40.000	1.26750	-.03626	.05936	.00716	.00547	.00553	.93503	.85753	1.09040	.66059
-2.000	40.000	1.26350	-.03978	.05891	.00842	.00511	.00565	.93227	.85456	1.09090	.66165
-2.000	40.000	1.26260	-.03760	.05928	.00648	.00550	.00525	.93125	.85448	1.08990	.66102
-2.000	45.000	1.47450	-.05410	.05701	.00599	.00589	.00588	1.00480	1.08050	.92986	.66357
-2.000	45.000	1.48370	-.05560	.05702	.00699	.00557	.00605	1.01140	1.08690	.93056	.66386
-2.000	50.000	1.68800	-.07439	.05321	.00506	.00617	.00609	1.04680	1.32520	.78994	.66628
-2.000	55.000	1.86840	-.08286	.04947	.00311	.00673	.00516	1.03330	1.55740	.66348	.66639
-2.000	60.000	1.99480	-.07368	.04574	.00300	.00674	.00617	.95927	1.74960	.54829	.66366
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 71/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-3.000	20.000	.43752	-.00092	.06250	.02095	.00546	.00493	.39071	.20576	1.89890	.65084
-3.000	20.000	.42701	.00247	.06265	.01900	.00569	.00453	.38075	.20238	1.88140	.64794
-3.000	25.000	.61010	.00270	.06415	.01778	.00576	.00532	.52717	.31309	1.68370	.64844
-3.000	30.000	.81801	-.00656	.06238	.01758	.00566	.00689	.67896	.46004	1.47580	.65302
-3.000	40.000	1.26230	-.03662	.06117	.01391	.00763	.00730	.92978	.85575	1.08650	.66074
-3.000	50.000	1.69690	-.07743	.05705	.01114	.00799	.00872	1.04940	1.33460	.78629	.66686
-3.000	60.000	2.00080	-.07442	.04655	.00898	.00854	.00873	.96152	1.75520	.54783	.66375
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 70/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-5.000	20.000	.43379	.00222	.06408	.04055	.00635	.00856	.38674	.20576	1.87960	.64818
-5.000	20.000	.42679	.00287	.06363	.03873	.00643	.00801	.38016	.20339	1.86910	.64760
-5.000	25.000	.62084	.00214	.06491	.03496	.00809	.00884	.53666	.31816	1.68670	.64880
-5.000	30.000	.81420	-.00448	.06335	.03517	.00801	.01085	.67516	.45900	1.47090	.65209
-5.000	40.000	1.24870	-.03416	.05999	.02962	.01017	.01247	.92034	.84587	1.08800	.66013
-5.000	50.000	1.68080	-.07272	.05400	.02381	.01185	.01310	1.04150	1.32020	.78887	.66599
-5.000	55.000	1.85550	-.07830	.05047	.02165	.01232	.01132	1.02490	1.54750	.66232	.66559
-5.000	60.000	1.98440	-.07316	.04618	.02069	.01227	.01311	.95335	1.74090	.54761	.66363
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ012) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = -11.700 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 16/ 0 RN/L = 4.39 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.45204	.00397	.06397	-.00288	.00105	.00049	.40397	.21176	1.90770	.64684
.000	20.000	.44901	.00346	.06345	-.00147	.00084	.00063	.40132	.21021	1.90920	.64723
.000	25.000	.63450	.00787	.06169	-.00285	.00147	.00013	.55025	.32135	1.71230	.64550
.000	30.000	.83186	.00528	.06100	-.00274	.00150	.00047	.69145	.46610	1.48350	.64773
.000	35.000	1.05070	-.00219	.05948	-.00396	.00210	.00042	.82861	.64847	1.27780	.65083
.000	40.000	1.28490	-.01784	.05817	-.00569	.00242	.00055	.94931	.86762	1.09420	.65518
.000	40.000	1.27720	-.01768	.05767	-.00382	.00202	.00137	.94391	.86210	1.09490	.65516
.000	40.000	1.27220	-.01558	.05752	-.00439	.00262	.00100	.94001	.85893	1.09440	.65457
.000	45.000	1.50350	-.03491	.05457	-.00362	.00235	.00137	1.02720	1.09910	.93461	.65861
.000	45.000	1.50670	-.03217	.05462	-.00589	.00243	.00079	1.02940	1.10140	.93466	.65792
.000	50.000	1.71580	-.04716	.05019	-.00682	.00328	.00099	1.06700	1.34450	.79365	.66018
.000	55.000	1.90360	-.05738	.04690	-.00736	.00443	.00153	1.05580	1.58460	.66625	.66116
.000	60.000	2.03840	-.04720	.04252	-.00869	.00424	.00244	.98348	1.78600	.55067	.65859
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ013) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 16.300 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 18/ 0 RN/L = 4.35 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.47066	-.01502	.06566	-.00211	.00105	.00074	.42084	.21987	1.91410	.66181
.000	20.000	.47111	-.01289	.06645	-.00290	.00097	.00061	.42101	.22070	1.90760	.66014
.000	25.000	.66551	-.02023	.06655	-.00387	.00161	.00057	.57622	.33903	1.69960	.66125
.000	30.000	.87627	-.03138	.06823	-.00381	.00177	.00079	.72619	.49473	1.46790	.66324
.000	35.000	1.10300	-.04703	.06982	-.00440	.00188	.00096	.86524	.68742	1.25870	.66576
.000	40.000	1.34980	-.07188	.07170	-.00494	.00194	.00084	.98987	.92021	1.07570	.66966
.000	40.000	1.33780	-.06874	.07109	-.00413	.00220	.00146	.98117	.91193	1.07590	.66897
.000	40.000	1.34710	-.07371	.07151	-.00390	.00202	.00141	.98818	.91812	1.07630	.67020
.000	45.000	1.57780	-.09603	.07142	-.00549	.00228	.00100	1.06730	1.16410	.91688	.67246
.000	45.000	1.57530	-.09537	.07155	-.00472	.00242	.00182	1.06580	1.16200	.91716	.67234
.000	50.000	1.80440	-.12133	.07069	-.00543	.00282	.00136	1.10770	1.42600	.77679	.67481
.000	55.000	1.99640	-.13031	.06923	-.00602	.00355	.00157	1.08980	1.67410	.65094	.67409
.000	60.000	2.12250	-.11555	.06491	-.00544	.00300	.00274	1.00530	1.87050	.53746	.67010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ014) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -.000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 14/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.47404	-.02917	.06942	-.00255	.00116	.00052	.42275	.22451	1.88300	.67271
.000	20.000	.47115	-.02661	.06909	-.00343	.00115	.00053	.42013	.22328	1.88160	.67085
.000	25.000	.66484	-.04102	.07180	-.00486	.00180	.00039	.57354	.34320	1.67120	.67277
.000	30.000	.87715	-.05901	.07658	-.00588	.00197	.00048	.72291	.50219	1.43950	.67482
.000	35.000	1.10190	-.07931	.07997	-.00566	.00225	.00124	.85825	.69539	1.23420	.67655
.000	40.000	1.37320	-.10973	.08499	-.00677	.00256	.00097	.99874	.94605	1.05570	.67947
.000	40.000	1.37910	-.11483	.08578	-.00623	.00218	.00182	1.00320	.94990	1.05610	.68071
.000	40.000	1.33940	-.10467	.06274	-.00613	.00245	.00128	.97406	.92290	1.05540	.67882
.000	45.000	1.56760	-.12868	.08372	-.00692	.00256	.00170	1.05010	1.16690	.89987	.68027
.000	45.000	1.60450	-.13504	.08562	-.00735	.00273	.00141	1.07500	1.19410	.90027	.68104
.000	50.000	1.82970	-.16176	.08467	-.00645	.00305	.00169	1.11100	1.45630	.76287	.68260
.000	55.000	2.02290	-.17593	.08334	-.00725	.00330	.00151	1.09050	1.70590	.63924	.68207
.000	60.000	2.15770	-.16198	.07635	-.00680	.00267	.00230	1.00930	1.90880	.52877	.67769
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ015) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 15/ 0 RN/L = 4.39 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	40.000	1.36410	-.11303	.08449	-.00593	.00235	.00145	.99242	.93948	1.05630	.68056
.000	40.000	1.37040	-.10921	.08455	-.00634	.00239	.00091	.99695	.94385	1.05630	.67939
.000	45.000	1.59880	-.13316	.08504	-.00727	.00262	.00105	1.07140	1.18960	.90066	.68071
.000	50.000	1.82400	-.15822	.08446	-.00660	.00279	.00150	1.10760	1.45160	.76301	.68199
.000	55.000	2.01740	-.17294	.08361	-.00514	.00279	.00191	1.08760	1.70120	.63929	.68161
.000	60.000	2.15260	-.16402	.07639	-.00472	.00224	.00280	1.00740	1.90390	.52912	.67810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ016) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 24/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.47627	-.02905	.07088	-.00259	.00121	.00040	.42433	.22669	1.87180	.67251
.000	20.000	.47177	-.02480	.07059	-.00373	.00120	.00024	.42013	.22505	1.86680	.66941
.000	25.000	.66830	-.04149	.07281	-.00502	.00202	.00029	.57620	.34567	1.66690	.67291
.000	30.000	.88273	-.05924	.07729	-.00445	.00181	.00075	.72737	.50561	1.43860	.67476
.000	35.000	1.10290	-.07946	.08009	-.00520	.00206	.00095	.85899	.69606	1.23410	.67658
.000	40.000	1.34040	-.10410	.08303	-.00577	.00234	.00101	.97466	.92372	1.05520	.67864
.000	45.000	1.56470	-.12791	.08367	-.00627	.00228	.00143	1.04810	1.16470	.89987	.68015
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ017) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -35.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 27/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.40859	.02181	.06551	-.00379	.00058	.00027	.36220	.19950	1.81560	.63043
.000	20.000	.40963	.02416	.06596	-.00407	.00058	.00012	.36320	.19982	1.81770	.62836
.000	25.000	.58326	.03052	.06452	-.00509	.00085	.00014	.50263	.30222	1.66310	.63082
.000	30.000	.76776	.03500	.06421	-.00565	.00115	.00013	.63416	.43711	1.45080	.63329
.000	35.000	.96093	.03623	.06392	-.00633	.00122	.00013	.75196	.60142	1.25030	.63619
.000	40.000	1.17170	.03106	.06211	-.00708	.00150	.00025	.85892	.79928	1.07460	.64031
.000	40.000	1.17370	.02685	.06228	-.00598	.00123	.00062	.86038	.80054	1.07480	.64165
.000	40.000	1.17120	.02853	.06238	-.00803	.00169	.00007	.85822	.79924	1.07380	.64111
.000	45.000	1.37370	.02335	.05933	-.00996	.00241	-.00006	.92984	1.01290	.91804	.64381
.000	45.000	1.36960	.02387	.05931	-.00843	.00185	.00037	.92713	1.00980	.91817	.64365
.000	50.000	1.56680	.01585	.05429	-.01118	.00304	-.00024	.96451	1.23600	.78036	.64635
.000	55.000	1.73300	.02187	.05128	-.01089	.00285	.00017	.94920	1.45090	.65420	.64543
.000	60.000	1.83540	.05020	.04756	-.00754	.00165	.00026	.86806	1.61820	.53645	.64000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-MS-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ018) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -20.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 29/ 0 RN/L = 4.41 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.41386	.01615	.06200	-.00392	.00070	-.00023	.36845	.19776	1.86310	.63571
.000	20.000	.41530	.01870	.06279	-.00464	.00078	-.00014	.36967	.19860	1.86140	.63350
.000	25.000	.58612	.02534	.06037	-.00527	.00101	-.00033	.50695	.29971	1.69150	.63416
.000	30.000	.77513	.02789	.05990	-.00602	.00137	-.00042	.64276	.43696	1.47100	.63683
.000	35.000	.97354	.02680	.05846	-.00713	.00174	-.00021	.76548	.60409	1.26720	.63994
.000	40.000	1.18300	.01934	.05552	-.00881	.00219	-.00034	.87173	.80161	1.08750	.64405
.000	40.000	1.18640	.01372	.05530	-.00730	.00186	.00029	.87449	.80352	1.08830	.64581
.000	40.000	1.18480	.01891	.05562	-.00949	.00223	-.00038	.87292	.80288	1.08720	.64419
.000	45.000	1.38540	.01048	.05070	-.01127	.00282	-.00047	.94430	1.01490	.93042	.64729
.000	45.000	1.38530	.01195	.05072	-.01049	.00274	-.00039	.94435	1.01470	.93063	.64689
.000	50.000	1.58430	.00490	.04463	-.01230	.00356	-.00014	.98356	1.24290	.79137	.64893
.000	55.000	1.75050	.00695	.04103	-.01240	.00380	.00020	.96810	1.45910	.66350	.64861
.000	60.000	1.86160	.02963	.03675	-.01126	.00254	.00015	.89363	1.63360	.54703	.64417
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ019) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -10.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 32/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.43058	.00960	.06124	-.00343	.00046	.00033	.38479	.20173	1.90750	.64187
.000	20.000	.42081	.01144	.06120	-.00428	.00053	.00000	.37559	.19846	1.89250	.64006
.000	25.000	.59849	.01564	.05879	-.00466	.00084	.00033	.51893	.30328	1.71110	.64045
.000	30.000	.79145	.01583	.05788	-.00560	.00116	.00055	.65804	.44314	1.48490	.64271
.000	35.000	.99335	.00964	.05616	-.00655	.00132	.00068	.78348	.61293	1.27830	.64650
.000	40.000	1.21010	-.00232	.05315	-.00792	.00176	.00082	.89487	.81612	1.09650	.65077
.000	40.000	1.21250	-.00755	.05299	-.00634	.00128	.00103	.89695	.81739	1.09730	.65236
.000	40.000	1.20880	-.00291	.05340	-.00820	.00184	.00049	.89370	.81553	1.09590	.65095
.000	45.000	1.41450	-.01391	.04897	-.00971	.00215	.00034	.96747	1.03290	.93661	.65369
.000	45.000	1.41810	-.01470	.04891	-.00920	.00216	.00088	.97020	1.03540	.93707	.65388
.000	50.000	1.61970	-.02707	.04391	-.00966	.00254	.00041	1.00900	1.26770	.79595	.65622
.000	55.000	1.79310	-.02623	.04091	-.01016	.00265	.00089	.99581	1.49170	.66757	.65545
.000	60.000	1.90290	-.00798	.03603	-.00945	.00233	.00065	.91983	1.66620	.55205	.65161
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ020) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 34/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.43268	.00524	.06129	-.00419	.00070	-.00002	.38678	.20239	1.91100	.64562
.000	20.000	.43182	.00638	.06185	-.00496	.00085	-.00031	.38573	.20279	1.90210	.64463
.000	25.000	.60471	.00881	.05943	-.00576	.00116	-.00034	.52434	.30643	1.71110	.64471
.000	30.000	.79821	.00758	.05847	-.00660	.00146	-.00017	.66365	.44694	1.48490	.64658
.000	35.000	1.00880	-.00111	.05764	-.00766	.00173	.00003	.79526	.62308	1.27630	.65047
.000	40.000	1.22800	-.01522	.05505	-.00850	.00215	.00013	.90743	.82903	1.09460	.65463
.000	40.000	1.21960	-.01084	.05454	-.00778	.00157	.00027	.90087	.82369	1.09370	.65334
.000	40.000	1.23590	-.01479	.05494	-.00899	.00171	-.00014	.91282	.83486	1.09340	.65447
.000	45.000	1.44900	-.02711	.05152	-.01025	.00201	-.00041	.98953	1.05970	.93378	.65695
.000	45.000	1.43720	-.02958	.05166	-.01007	.00252	.00023	.98204	1.05050	.93479	.65764
.000	50.000	1.64560	-.04002	.04385	-.00324	.00038	.00000	1.02390	1.28900	.79430	.65902
.000	55.000	1.81540	-.04227	.04242	-.01112	.00303	.00007	1.00620	1.51160	.66563	.65863
.000	60.000	1.93640	-.02901	.03879	-.01129	.00262	.00059	.93382	1.69680	.55034	.65558
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ021) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 36/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.46035	-.01628	.06355	-.00295	.00046	.00059	.41189	.21432	1.92180	.66308
.000	20.000	.45472	-.01393	.06281	-.00413	.00062	.00005	.40674	.21198	1.91880	.66134
.000	25.000	.63857	-.01550	.06212	-.00522	.00092	.00042	.55343	.32415	1.70730	.65900
.000	30.000	.84459	-.02525	.06272	-.00500	.00094	.00045	.70100	.47501	1.47580	.66107
.000	35.000	1.06510	-.04241	.06477	-.00569	.00139	.00055	.83665	.66200	1.26380	.66472
.000	40.000	1.29320	-.06442	.06578	-.00587	.00139	.00084	.94993	.87973	1.07980	.66840
.000	40.000	1.29990	-.06977	.06299	-.00294	.00046	.00089	.95626	.88270	1.08330	.66982
.000	40.000	1.31990	-.07883	.06654	-.00636	.00096	.00087	.96998	.89736	1.08090	.67204
.000	45.000	1.53960	-.10189	.06638	-.00684	.00101	.00115	1.04380	1.13350	.92086	.67442
.000	45.000	1.51770	-.08912	.06595	-.00570	.00126	.00126	1.02850	1.11790	.92009	.67167
.000	50.000	1.73960	-.11368	.06256	-.00869	.00243	.00047	1.07150	1.37180	.78106	.67411
.000	55.000	1.92560	-.12517	.05987	-.00674	.00204	.00139	1.05530	1.61180	.65472	.67399
.000	60.000	2.06030	-.11934	.05720	-.00147	-.00037	.00101	.97914	1.81380	.53983	.67138
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ022) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 51/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.46255	-.01516	.06392	-.00387	.00062	.00014	.41393	.21514	1.92400	.66213
.000	20.000	.45742	-.01377	.06409	-.00460	.00067	.00003	.40905	.21355	1.91550	.66115
.000	25.000	.65155	-.02108	.06285	-.00608	.00116	.00030	.56516	.32970	1.71420	.66197
.000	30.000	.85678	-.03237	.06395	-.00646	.00130	.00036	.71146	.48128	1.47830	.66397
.000	35.000	1.07310	-.04846	.06489	-.00782	.00179	.00023	.84342	.66640	1.26560	.66668
.000	40.000	1.30850	-.06941	.06592	-.00815	.00171	.00055	.96179	.88941	1.08140	.66959
.000	40.000	1.31090	-.07244	.06634	-.00714	.00152	.00078	.96333	.89130	1.08080	.67040
.000	45.000	1.52840	-.09258	.06574	-.00826	.00175	.00080	1.03650	1.12500	.92130	.67236
.000	60.000	2.07500	-.12025	.06055	-.01105	.00243	.00097	.98573	1.82690	.53957	.67139
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ023) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 10.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 40/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.48187	-.03362	.06925	-.00344	.00022	.00062	.43015	.22705	1.89450	.67574
.000	20.000	.48145	-.03079	.06883	-.00445	.00040	.00063	.42987	.22663	1.89680	.67360
.000	25.000	.67545	-.04268	.08979	-.00548	.00080	.00049	.58364	.34663	1.68380	.67332
.000	30.000	.88450	-.05957	.07272	-.00598	.00088	.00063	.73093	.50299	1.45320	.67485
.000	35.000	1.09840	-.07056	.07648	-.00648	.00114	.00097	.85730	.69067	1.24120	.67370
.000	40.000	1.33300	-.09325	.07941	-.00701	.00118	.00089	.97149	.91596	1.06060	.67581
.000	40.000	1.34570	-.10278	.08007	-.00611	.00084	.00160	.98113	.92431	1.06150	.67817
.000	40.000	1.35300	-.10302	.08061	-.00765	.00110	.00109	.98619	.92953	1.06100	.67809
.000	45.000	1.57310	-.12708	.08290	-.00795	.00118	.00105	1.05580	1.16890	.90326	.67979
.000	45.000	1.55330	-.11868	.08164	-.00764	.00136	.00096	1.04240	1.15430	.90309	.67818
.000	50.000	1.80080	-.15645	.08307	-.00857	.00143	.00160	1.09550	1.43160	.76520	.68204
.000	55.000	2.00580	-.17725	.08302	-.00898	.00175	.00156	1.08370	1.68990	.64127	.68258
.000	60.000	2.10400	-.14142	.08210	-.00882	.00153	.00076	.98161	1.86280	.52695	.67480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ024) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 20.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 44/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.54204	-.07922	.09220	-.00475	.00078	.00076	.47886	.26917	1.77900	.70384
.000	20.000	.53853	-.07773	.09187	-.00548	.00091	.00082	.47569	.26763	1.77740	.70318
.000	25.000	.74502	-.09773	.09881	-.00694	.00113	.00084	.63470	.40174	1.57990	.69833
.000	30.000	.96459	-.12024	.10714	-.00845	.00144	.00121	.78343	.57224	1.36910	.69593
.000	35.000	1.19500	-.14642	.11531	-.01009	.00185	.00115	.91455	.77730	1.17660	.69515
.000	40.000	1.44370	-.17617	.12360	-.01097	.00190	.00155	1.02870	1.02010	1.00840	.69497
.000	40.000	1.44100	-.17902	.12321	-.01082	.00167	.00119	1.02680	1.01810	1.00850	.69578
.000	40.000	1.43550	-.17440	.12220	-.01145	.00186	.00119	1.02310	1.01400	1.00900	.69477
.000	45.000	1.67920	-.21207	.12997	-.01249	.00143	.00278	1.09820	1.27660	.86024	.69654
.000	45.000	1.68500	-.21559	.13118	-.01169	.00156	.00304	1.10150	1.28140	.85962	.69715
.000	50.000	1.95200	-.27322	.13096	-.01420	.00259	.00157	1.15710	1.57720	.73368	.70157
.000	55.000	2.08170	-.22608	.12576	-.01523	.00271	.00090	1.09350	1.77560	.61584	.69003
.000	60.000	2.15030	-.17514	.12034	-.01477	.00249	.00076	.97314	1.92110	.50655	.68004
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ025) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 42/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.46453	-.01840	.06550	-.00538	.00217	-.00493	.41519	.21748	1.90910	.66465
.000	20.000	.45962	-.01520	.06448	-.00644	.00215	-.00484	.41083	.21509	1.91010	.66223
.000	25.000	.65256	-.02233	.06424	-.00868	.00325	-.00621	.56529	.33181	1.70360	.66266
.000	30.000	.85893	-.03663	.06555	-.00990	.00388	-.00738	.71243	.48390	1.47230	.66576
.000	35.000	1.07590	-.05417	.06655	-.01048	.00478	-.00878	.84453	.66969	1.26110	.66859
.000	40.000	1.30450	-.06869	.06860	-.01102	.00541	-.00965	.95683	.88918	1.07610	.66944
.000	40.000	1.30680	-.07045	.06873	-.01061	.00522	-.00937	.95857	.89069	1.07620	.66991
.000	40.000	1.31030	-.07042	.06928	-.01177	.00527	-.00978	.96090	.89328	1.07570	.66984
.000	45.000	1.52910	-.09164	.06969	-.01245	.00583	-.01063	1.03400	1.12860	.91618	.67212
.000	45.000	1.52820	-.09110	.06905	-.01159	.00582	-.01043	1.03360	1.12760	.91666	.67200
.000	50.000	1.74920	-.11438	.06811	-.01307	.00692	-.01161	1.07350	1.38260	.77644	.67413
.000	55.000	1.94440	-.12897	.06633	-.01424	.00773	-.01269	1.06190	1.63010	.65142	.67447
.000	60.000	2.06170	-.10967	.06435	-.01388	.00669	-.00876	.97573	1.81730	.53692	.66964
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ026) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 46/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.44921	-.00509	.06228	-.00485	.00139	-.00404	.40189	.20922	1.92090	.65423
.000	20.000	.44764	-.00343	.06269	-.00529	.00150	-.00417	.40026	.20909	1.91430	.65289
.000	25.000	.62790	-.00608	.06074	-.00723	.00222	-.00551	.54452	.31799	1.71240	.65363
.000	30.000	.83375	-.01440	.06058	-.00851	.00281	-.00679	.69297	.46723	1.48320	.65642
.000	35.000	1.04540	-.02621	.06037	-.00952	.00354	-.00835	.82321	.64693	1.27250	.65929
.000	40.000	1.26410	-.04091	.05947	-.01057	.00428	-.00995	.93206	.85586	1.08900	.66197
.000	40.000	1.27640	-.04437	.05958	-.00934	.00387	-.00923	.94135	.86383	1.08970	.66286
.000	40.000	1.27470	-.04111	.05984	-.01090	.00414	-.00957	.93994	.86310	1.08890	.66193
.000	45.000	1.48460	-.05947	.05789	-.01116	.00471	-.01059	1.01090	1.08860	.92858	.66481
.000	45.000	1.48450	-.06094	.05760	-.01035	.00462	-.01076	1.01120	1.08830	.92914	.66517
.000	50.000	1.70310	-.07970	.05478	-.01186	.00513	-.01177	1.05430	1.33860	.78762	.66729
.000	55.000	1.88800	-.08960	.05175	-.01316	.00614	-.01256	1.04110	1.57580	.66069	.66753
.000	60.000	2.00880	-.07733	.04826	-.01380	.00688	-.01317	.96235	1.76390	.54557	.66423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ027) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -5.000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 49/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	20.000	.43356	.00262	.06079	-.00501	.00081	-.00191	.38772	.20242	1.91540	.64785
.000	20.000	.42893	.00457	.06133	-.00559	.00090	-.00171	.38321	.20127	1.90400	.64614
.000	25.000	.61190	.00460	.05939	-.00699	.00134	-.00261	.53080	.30957	1.71460	.64730
.000	30.000	.80999	-.00039	.05844	-.00814	.00195	-.00326	.67373	.45305	1.48710	.65024
.000	35.000	1.01690	-.00835	.05754	-.00943	.00250	-.00395	.80168	.62801	1.27650	.65309
.000	40.000	1.23890	-.02077	.05607	-.01051	.00302	-.00480	.91509	.83678	1.09360	.65624
.000	40.000	1.25010	-.02349	.05605	-.01025	.00290	-.00499	.92366	.84397	1.09440	.65698
.000	40.000	1.24180	-.02072	.05624	-.01122	.00303	-.00532	.91700	.83898	1.09300	.65621
.000	45.000	1.45910	-.03721	.05296	-.01225	.00338	-.00593	.99649	1.06700	.93391	.65945
.000	45.000	1.45700	-.03869	.05292	-.01057	.00328	-.00534	.99523	1.06530	.93423	.65984
.000	50.000	1.67380	-.05622	.04893	-.01270	.00415	-.00623	1.04040	1.31200	.79301	.66243
.000	55.000	1.85340	-.06209	.04563	-.01489	.00482	-.00681	1.02730	1.54320	.66566	.66240
.000	60.000	1.97500	-.04697	.04181	-.01673	.00532	-.00851	.95207	1.73080	.55006	.65882
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ028) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = 180.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 157/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.320	11.000	.16668	.00447	.07621	-.00193	.00112	-.00032	.14986	.10260	1.46060	.64019
.320	15.000	.28478	-.00039	.07078	-.00220	.00105	-.00003	.25789	.13786	1.87060	.65057
.320	17.000	.34349	-.00215	.06974	-.00194	.00096	.00016	.30943	.16272	1.90160	.65237
.320	19.000	.42340	-.00358	.06859	-.00187	.00101	.00033	.37953	.19826	1.91430	.65318
.320	20.000	.44890	-.00398	.06838	-.00144	.00079	.00042	.40003	.21340	1.87460	.65333
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ028) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = 180.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 158/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.850	11.000	.16220	.00540	.07611	-.01096	.00055	-.00149	.14541	.10198	1.42590	.63782
.850	15.000	.27487	.00147	.07104	-.01046	-.00059	-.00109	.24810	.13607	1.82330	.64810
.850	17.000	.33918	-.00104	.06948	-.00978	-.00196	-.00039	.30524	.16171	1.88760	.65120
.850	19.000	.40415	-.00294	.06830	-.00702	-.00301	.00013	.36127	.19218	1.87990	.65274
.850	20.000	.44964	-.00419	.06823	-.00577	-.00280	.00042	.40075	.21359	1.87620	.65350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ029) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 162/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	11.000	.15931	.00485	.07663	.00781	.00178	.00075	.14253	.10167	1.40190	.63886
-1.000	15.000	.27451	.00019	.06979	.00700	.00231	.00113	.24808	.13477	1.84080	.64981
-1.000	17.000	.33363	-.00112	.06838	.00572	.00308	.00099	.30020	.15921	1.88550	.65130
-1.000	19.000	.39752	-.00223	.06824	.00399	.00352	.00093	.35510	.18971	1.87180	.65213
-1.000	20.000	.43730	-.00294	.06816	.00401	.00355	.00101	.38922	.20921	1.86040	.65254
-1.000	21.000	.46744	-.00345	.06810	.00410	.00338	.00116	.41368	.22668	1.82500	.65279
-1.000	23.000	.54543	-.00493	.06758	.00560	.00246	.00191	.47747	.27107	1.76150	.65339
-1.000	25.000	.62668	-.00708	.06707	.00638	.00249	.00243	.54151	.32158	1.68390	.65423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ029) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 161/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	11.000	.16327	.00463	.07626	-.00154	.00126	-.00034	.14649	.10206	1.43530	.63963
.000	15.000	.28314	.00012	.07015	-.00072	.00121	.00007	.25645	.13687	1.87370	.64991
.000	17.000	.34146	-.00153	.06918	-.00101	.00121	.00019	.30765	.16162	1.90350	.65171
.000	19.000	.40223	-.00245	.06841	-.00127	.00139	.00021	.35956	.19124	1.88020	.65231
.000	20.000	.44364	-.00157	.06886	-.00009	.00044	.00078	.39489	.21214	1.86140	.65137
.000	21.000	.46991	-.00135	.06878	-.00039	.00055	.00081	.41565	.22844	1.81950	.65112
.000	23.000	.54610	-.00394	.06757	-.00112	.00099	.00078	.47803	.27146	1.76100	.65272
.000	25.000	.62475	-.00647	.06659	-.00102	.00075	.00096	.53988	.32050	1.68450	.65388
.000	27.000	.71364	-.00988	.06610	-.00057	.00071	.00121	.60772	.37922	1.60260	.65516
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 167/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-2.000	11.000	.16338	.00204	.07774	.02069	.00160	.00240	.14618	.10419	1.40300	.64548
-2.000	15.000	.27075	-.00204	.07043	.01825	.00288	.00268	.24411	.13505	1.80750	.65284
-2.000	17.000	.33157	-.00398	.06841	.01683	.00364	.00282	.29809	.15908	1.87380	.65448
-2.000	19.000	.39552	-.00478	.06856	.01543	.00445	.00263	.35292	.18989	1.85850	.65452
-2.000	20.000	.43706	-.00455	.06938	.01514	.00475	.00267	.38837	.21084	1.84200	.65390
-2.000	21.000	.46883	-.00456	.06988	.01500	.00482	.00271	.41417	.22927	1.80650	.65365
-2.000	23.000	.54617	-.00503	.07011	.01483	.00464	.00328	.47702	.27402	1.74080	.65345
-2.000	25.000	.62599	-.00750	.06942	.01548	.00432	.00390	.53972	.32379	1.66690	.65447
-2.000	30.000	.82048	-.01499	.06777	.01607	.00340	.00546	.67849	.46579	1.45660	.65679
-2.000	35.000	1.06330	-.02935	.06868	.01574	.00322	.00680	.83362	.66333	1.25670	.66023
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 166/ 0 RN/L = 2.25 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-1.000	11.000	.16381	.00301	.07745	.00808	.00191	.00072	.14664	.10408	1.40890	.64331
-1.000	15.000	.27681	-.00077	.07178	.00759	.00232	.00128	.24971	.13760	1.81480	.65109
-1.000	17.000	.33995	-.00120	.07129	.00705	.00255	.00139	.30539	.16386	1.86370	.65137
-1.000	19.000	.40232	-.00306	.07035	.00541	.00354	.00109	.35883	.19363	1.85310	.65287
-1.000	20.000	.44330	-.00357	.07036	.00521	.00380	.00102	.39393	.21380	1.84250	.65303
-1.000	21.000	.47181	-.00281	.07081	.00601	.00323	.00150	.41658	.23132	1.80090	.65226
-1.000	23.000	.55022	-.00454	.06964	.00673	.00246	.00218	.48081	.27547	1.74540	.65310
-1.000	25.000	.62804	-.00734	.06904	.00538	.00288	.00230	.54165	.32449	1.66920	.65437
-1.000	30.000	.83667	-.01549	.06851	.00799	.00167	.00364	.69211	.47457	1.45840	.65688
-1.000	35.000	1.06310	-.02914	.06813	.00656	.00209	.00414	.83371	.66281	1.25780	.66015
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 170/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
-.500	11.000	.16695	.00262	.07739	.00469	.00173	.00040	.14974	.10464	1.43100	.64430
-.500	15.000	.27785	-.00128	.07240	.00613	.00115	.00118	.25058	.13835	1.81120	.65176
-.500	17.000	.34000	-.00129	.07191	.00445	.00198	.00103	.30528	.16437	1.85730	.65146
-.500	19.000	.40277	-.00279	.07117	.00320	.00278	.00080	.35900	.19451	1.84570	.65262
-.500	20.000	.44217	-.00342	.07096	.00319	.00295	.00085	.39266	.21399	1.83500	.65292
-.500	21.000	.47499	-.00267	.07113	.00383	.00237	.00129	.41940	.23284	1.80120	.65213
-.500	23.000	.55155	-.00464	.07009	.00440	.00212	.00168	.48185	.27641	1.74320	.65316
-.500	25.000	.63142	-.00745	.06934	.00327	.00235	.00181	.54458	.32620	1.66940	.65441
-.500	30.000	.83975	-.01551	.06919	.00577	.00123	.00293	.69444	.47671	1.45670	.65686
-.500	35.000	1.05900	-.02913	.06623	.00479	.00152	.00334	.83027	.66051	1.25700	.66019
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 163/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	11.000	.16651	.00253	.07711	-.00118	.00138	-.00025	.14940	.10406	1.43560	.64448
.000	15.000	.28182	-.00044	.07259	.00003	.00097	.00030	.25446	.13921	1.82790	.65065
.000	17.000	.33764	-.00069	.07214	-.00026	.00087	.00049	.30301	.16371	1.85090	.65082
.000	19.000	.40532	-.00170	.07143	-.00005	.00091	.00072	.36136	.19551	1.84830	.65161
.000	20.000	.43980	-.00202	.07116	.00013	.00081	.00086	.39035	.21341	1.82910	.65175
.000	21.000	.47370	-.00172	.07065	-.00039	.00056	.00103	.41835	.23196	1.80350	.65140
.000	23.000	.54816	-.00398	.06927	-.00042	.00083	.00109	.47903	.27438	1.74580	.65274
.000	25.000	.62620	-.00662	.06884	-.00165	.00108	.00093	.54005	.32357	1.66900	.65396
.000	27.000	.71459	-.00963	.06887	-.00097	.00101	.00121	.60713	.38247	1.58740	.65502
.000	30.000	.83862	-.01531	.06862	-.00077	.00046	.00167	.69373	.47566	1.45840	.65679
.000	35.000	1.05180	-.02903	.06759	-.00120	.00081	.00183	.82478	.65591	1.25750	.66022
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ031) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 171/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
.000	11.000	.16925	.00273	.07866	-.00095	.00131	-.00026	.15177	.10621	1.42890	.64412
.000	15.000	.28216	-.00155	.07233	.00140	.00018	.00066	.25483	.13913	1.83160	.65209
.000	17.000	.34242	-.00119	.07246	.00045	.00089	.00050	.30750	.16540	1.85910	.65135
.000	19.000	.40729	-.00214	.07179	.00059	.00080	.00077	.36310	.19650	1.84780	.65200
.000	20.000	.44322	-.00238	.07149	.00046	.00066	.00088	.39344	.21491	1.83070	.65204
.000	21.000	.47356	-.00211	.07111	.00035	.00049	.00105	.41803	.23241	1.79870	.65170
.000	23.000	.55268	-.00455	.06958	.00006	.00069	.00106	.48306	.27645	1.74740	.65310
.000	25.000	.63254	-.00765	.06900	-.00049	.00101	.00109	.54572	.32641	1.67190	.65452
.000	30.000	.84710	-.01602	.06940	.00045	.00036	.00174	.70067	.48060	1.45790	.65703
.000	35.000	1.06320	-.02985	.06804	-.00016	.00057	.00204	.83380	.66278	1.25800	.66040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 188/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
15.600	-2.952	.30802	-.00701	.06818	.02744	.00353	.00427	.27930	.14520	1.92360	.65844
15.600	-2.310	.30897	-.00735	.06820	.02122	.00301	.00329	.28019	.14554	1.92510	.65882
15.600	-1.850	.30897	-.00740	.06836	.01654	.00269	.00256	.28013	.14573	1.92230	.65888
15.600	-1.447	.30898	-.00716	.06850	.01231	.00237	.00197	.28011	.14585	1.92060	.65860
15.600	-.925	.30877	-.00684	.06884	.00702	.00193	.00120	.27984	.14605	1.91600	.65822
15.600	-.367	.30844	-.00708	.06957	.00224	.00111	.00053	.27943	.14629	1.91010	.65851
15.600	-.077	.31050	-.00688	.06931	-.00067	.00058	.00027	.28131	.14719	1.91120	.65823
15.600	.532	.30839	-.00733	.06939	-.00549	-.00026	-.00047	.27945	.14601	1.91390	.65882
15.600	.796	.30744	-.00693	.06917	-.00757	-.00068	-.00074	.27854	.14572	1.91150	.65836
15.600	1.183	.30617	-.00632	.06884	-.01126	-.00115	-.00121	.27735	.14529	1.90890	.65766
15.600	1.721	.30714	-.00643	.06816	-.01699	-.00159	-.00201	.27841	.14511	1.91870	.65777
15.600	2.265	.30657	-.00616	.06830	-.02232	-.00206	-.00282	.27781	.14514	1.91410	.65746
15.600	2.818	.30569	-.00589	.06815	-.02810	-.00257	-.00375	.27701	.14479	1.91320	.65716
15.600	3.449	.30446	-.00541	.06786	-.03434	-.00300	-.00478	.27590	.14424	1.91270	.65661
	GRADIENT	-.00063	.00026	-.00004	-.00950	-.00111	-.00135	-.00060	-.00018	-.00181	-.00030

RUN NO. 194/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.900	-3.061	.34643	-.00683	.06678	.02762	.00395	.00484	.31294	.16169	1.93540	.65732
16.900	-2.054	.34674	-.00665	.06762	.01772	.00309	.00317	.31301	.16254	1.92580	.65712
16.900	-1.743	.34668	-.00659	.06827	.01469	.00279	.00267	.31278	.16309	1.91790	.65706
16.900	-1.421	.34706	-.00643	.06807	.01100	.00264	.00211	.31315	.16312	1.91980	.65688
16.900	-.782	.34703	-.00615	.06889	.00495	.00189	.00122	.31293	.16376	1.91100	.65659
16.900	-.326	.34656	-.00630	.06900	.00112	.00110	.00069	.31251	.16348	1.91170	.65676
16.900	-.020	.34823	-.00605	.06922	-.00152	.00055	.00039	.31393	.16460	1.90730	.65646
16.900	.675	.34642	-.00613	.06906	-.00726	-.00044	-.00051	.31234	.16359	1.90930	.65658
16.900	1.328	.34584	-.00564	.06774	-.01277	-.00145	-.00126	.31205	.16260	1.91910	.65607
16.900	1.713	.34528	-.00593	.06785	-.01686	-.00176	-.00191	.31144	.16265	1.91480	.65639
16.900	2.242	.34406	-.00544	.06716	-.02229	-.00222	-.00281	.31048	.16165	1.92070	.65588
16.900	2.875	.34396	-.00586	.06700	-.02850	-.00281	-.00382	.31044	.16142	1.92310	.65534
16.900	3.249	.34426	-.00572	.06715	-.03218	-.00311	-.00441	.31068	.16172	1.92110	.65618
	GRADIENT	-.00050	.00019	-.00009	-.00930	-.00122	-.00140	-.00047	-.00017	-.00091	-.00019

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 195/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-2.501	.41284	-.00736	.06704	.02079	.00409	.00407	.36968	.19464	1.89930	.65663
18.900	-1.959	.41408	-.00692	.06791	.01565	.00340	.00326	.37059	.19581	1.89260	.65622
18.900	-1.421	.41341	-.00590	.06827	.00990	.00309	.00231	.36979	.19610	1.88570	.65532
18.900	-.953	.41466	-.00569	.06886	.00623	.00211	.00185	.37072	.19721	1.87990	.65512
18.900	-.348	.41395	-.00523	.06925	.00101	.00121	.00104	.36998	.19720	1.87610	.65472
18.900	.235	.41302	-.00509	.06935	-.00381	.00023	.00026	.36905	.19703	1.87310	.65460
18.900	.553	.41316	-.00527	.06909	-.00649	-.00024	-.00016	.36914	.19721	1.87180	.65476
18.900	1.137	.41301	-.00499	.06834	-.01162	-.00111	-.00104	.36922	.19652	1.87880	.65451
18.900	1.908	.41178	-.00602	.06743	-.01835	-.00239	-.00196	.36834	.19531	1.88590	.65545
18.900	2.299	.41253	-.00672	.06733	-.02252	-.00281	-.00256	.36909	.19544	1.88860	.65606
18.900	2.831	.41210	-.00660	.06689	-.02736	-.00334	-.00344	.36880	.19498	1.89150	.65596
18.900	3.332	.41202	-.00595	.06675	-.03222	-.00369	-.00423	.36883	.19465	1.89480	.65538
	GRADIENT	-.00033	.00007	-.00019	-.00893	-.00144	-.00139	-.00029	-.00016	.00003	-.00006

RUN NO. 202/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-3.351	.44961	-.00770	.06724	.02873	.00510	.00562	.40088	.21323	1.88000	.65637
20.000	-2.891	.45015	-.00759	.06709	.02439	.00459	.00493	.40141	.21333	1.88160	.65627
20.000	-2.327	.44933	-.00712	.06696	.01911	.00393	.00402	.40064	.21303	1.88070	.65589
20.000	-1.983	.44916	-.00697	.06758	.01606	.00342	.00352	.40029	.21353	1.87470	.65578
20.000	-1.617	.44943	-.00678	.06779	.01269	.00295	.00296	.40052	.21367	1.87450	.65562
20.000	-1.111	.44940	-.00629	.06826	.00784	.00239	.00215	.40035	.21407	1.87020	.65522
20.000	-.688	.44867	-.00619	.06836	.00373	.00188	.00145	.39961	.21396	1.86770	.65514
20.000	-.020	.45011	-.00581	.06898	-.00176	.00069	.00069	.40058	.21548	1.85900	.65481
20.000	.230	.44792	-.00604	.06894	-.00372	.00038	.00026	.39882	.21394	1.86410	.65503
20.000	.522	.44842	-.00628	.06890	-.00607	-.00006	-.00015	.39932	.21407	1.86540	.65522
20.000	.778	.44795	-.00624	.06864	-.00823	-.00051	-.00053	.39896	.21367	1.86720	.65519
20.000	1.123	.44780	-.00645	.06842	-.01151	-.00091	-.00100	.39888	.21344	1.86880	.65537
20.000	1.550	.44866	-.00671	.06813	-.01504	-.00170	-.00150	.39980	.21345	1.87300	.65557
20.000	1.916	.44826	-.00688	.06736	-.01806	-.00240	-.00199	.39962	.21278	1.87810	.65571
20.000	2.323	.44772	-.00783	.06659	-.02136	-.00333	-.00236	.39932	.21201	1.88350	.65650
20.000	2.605	.44777	-.00788	.06673	-.02396	-.00369	-.00279	.39931	.21219	1.88180	.65654
20.000	2.991	.44799	-.00805	.06640	-.02772	-.00406	-.00341	.39963	.21196	1.88540	.65668
20.000	3.404	.44833	-.00750	.06704	-.03211	-.00439	-.00417	.39976	.21260	1.88040	.65622
20.000	3.779	.44759	-.00746	.06712	-.03567	-.00484	-.00472	.39906	.21237	1.87910	.65620
	GRADIENT	-.00031	-.00007	-.00008	-.00886	-.00147	-.00142	-.00025	-.00020	.00060	.00006

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPOBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 199/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-2.981	.49350	-.00681	.06855	.02552	.00471	.00518	.43719	.23810	1.83620	.65514
21.000	-2.331	.49299	-.00659	.06877	.01965	.00393	.00423	.43660	.23821	1.83280	.65499
21.000	-1.866	.49330	-.00656	.06857	.01554	.00335	.00342	.43690	.23825	1.83380	.65496
21.000	-1.328	.49248	-.00612	.06866	.01099	.00244	.00273	.43608	.23809	1.83160	.65464
21.000	-.957	.49158	-.00573	.06854	.00750	.00186	.00219	.43517	.23794	1.82890	.65435
21.000	-.429	.49021	-.00550	.06865	.00282	.00107	.00139	.43394	.23735	1.62830	.65419
21.000	-.068	.49215	-.00548	.06859	-.00030	.00037	.00097	.43560	.23843	1.82700	.65417
21.000	.152	.48979	-.00550	.06861	-.00197	.00012	.00056	.43357	.23714	1.82840	.65420
21.000	.779	.48883	-.00571	.06804	-.00719	-.00089	-.00036	.43287	.23630	1.83190	.65436
21.000	1.139	.48952	-.00574	.06802	-.01060	-.00135	-.00096	.43339	.23688	1.82950	.65438
21.000	1.694	.48940	-.00614	.06835	-.01527	-.00233	-.00155	.43320	.23704	1.82750	.65469
21.000	2.185	.48867	-.00635	.06784	-.01941	-.00315	-.00230	.43291	.23578	1.83610	.65485
21.000	2.958	.48937	-.00642	.06815	-.02652	-.00425	-.00346	.43257	.23585	1.83410	.65491
21.000	3.273	.48802	-.00636	.06839	-.02963	-.00462	-.00398	.43217	.23594	1.83170	.65486
	GRADIENT	-.00095	.00004	-.00010	-.00873	-.00154	-.00145	-.00084	-.00044	-.00015	-.00002

RUN NO. 200/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-2.882	.57167	-.00920	.06888	.02350	.00523	.00522	.50044	.28379	1.76340	.65599
23.000	-2.436	.57177	-.00913	.06884	.01954	.00475	.00439	.50055	.28378	1.76380	.65595
23.000	-1.635	.57077	-.00840	.06806	.01291	.00319	.00332	.49987	.28281	1.76750	.65548
23.000	-1.336	.57031	-.00847	.06807	.01042	.00268	.00294	.49942	.28272	1.76640	.65553
23.000	-.990	.56968	-.00816	.06791	.00728	.00211	.00228	.49887	.28239	1.76660	.65534
23.000	-.670	.56889	-.00800	.06771	.00445	.00165	.00176	.49822	.28193	1.76720	.65524
23.000	-.314	.56785	-.00803	.06773	.00149	.00102	.00127	.49724	.28156	1.76600	.65527
23.000	-.068	.57175	-.00768	.06792	-.00063	.00044	.00111	.50036	.28412	1.76110	.65501
23.000	.403	.56642	-.00791	.06742	-.00363	-.00051	.00044	.49606	.28071	1.76720	.65514
23.000	.770	.56593	-.00805	.06738	-.00669	-.00111	-.00009	.49562	.28047	1.76710	.65530
23.000	1.136	.56626	-.00771	.06776	-.00985	-.00170	-.00064	.49592	.28088	1.76520	.65508
23.000	1.754	.56586	-.00791	.06797	-.01488	-.00293	-.00141	.49543	.28079	1.76450	.65521
23.000	2.263	.56597	-.00872	.06839	-.01923	-.00384	-.00215	.49544	.28102	1.76300	.65574
23.000	2.772	.56583	-.00911	.06859	-.02412	-.00450	-.00302	.49528	.28105	1.76230	.65599
23.000	3.306	.56585	-.00894	.06889	-.02931	-.00516	-.00402	.49520	.28129	1.76050	.65588
	GRADIENT	-.00115	.00002	-.00000	-.00836	-.00175	-.00144	-.00103	-.00050	-.00054	-.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 186/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-2.812	.63907	-.01158	.06744	.02125	.00540	.00514	.55274	.32696	1.69060	.65673
24.900	-2.339	.63895	-.01119	.06741	.01730	.00467	.00429	.55262	.32693	1.69040	.65651
24.900	-1.803	.63846	-.01105	.06713	.01195	.00416	.00327	.55229	.32648	1.69160	.65643
24.900	-1.300	.63885	-.01115	.06712	.00794	.00333	.00246	.55260	.32675	1.69120	.65649
24.900	-.770	.63786	-.01114	.06669	.00391	.00241	.00167	.55184	.32602	1.69260	.65649
24.900	-.424	.63807	-.01097	.06656	.00125	.00158	.00121	.55204	.32608	1.69300	.65639
24.900	-.036	.64006	-.01107	.06658	-.00126	.00043	.00094	.55353	.32760	1.68970	.65643
24.900	.215	.63731	-.01073	.06693	-.00257	-.00016	.00054	.55118	.32614	1.69000	.65626
24.900	.860	.63737	-.01086	.06640	-.00547	-.00181	-.00015	.55147	.32566	1.69340	.65634
24.900	1.243	.63639	-.01083	.06673	-.00957	-.00255	-.00073	.55046	.32549	1.69120	.65633
24.900	1.762	.63661	-.01069	.06723	-.01390	-.00343	-.00151	.55049	.32595	1.68890	.65624
24.900	2.303	.63695	-.01097	.06755	-.01949	-.00410	-.00260	.55070	.32632	1.68760	.65641
24.900	2.928	.63732	-.01097	.06783	-.02494	-.00499	-.00364	.55095	.32665	1.68670	.65640
24.900	3.296	.63693	-.01089	.06830	-.02820	-.00551	-.00431	.55041	.32689	1.68380	.65636
	GRADIENT	-.00041	.00008	.00010	-.00781	-.00192	-.00147	-.00042	-.00007	-.00090	-.00004

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 192/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
15.600	-2.952	.30354	-.00523	.06874	.02712	.00367	.00432	.27478	.14473	1.89860	.65641
15.600	-2.419	.30384	-.00516	.06885	.02169	.00339	.00346	.27501	.14502	1.89640	.65632
15.600	-1.845	.30469	-.00418	.06942	.01518	.00329	.00242	.27566	.14582	1.89050	.65511
15.600	-1.214	.30537	-.00198	.07146	.00894	.00261	.00157	.27583	.14772	1.86720	.65245
15.600	-.578	.30519	-.00175	.07199	.00324	.00169	.00080	.27556	.14801	1.86180	.65218
15.600	-.041	.30686	-.00152	.07208	-.00141	.00058	.00036	.27716	.14854	1.86580	.65189
15.600	.166	.30572	-.00201	.07227	-.00279	.00034	.00004	.27609	.14807	1.86460	.65249
15.600	.698	.30508	-.00178	.07170	-.00731	-.00047	-.00053	.27554	.14768	1.86570	.65221
15.600	1.184	.30485	-.00124	.07185	-.01179	-.00110	-.00117	.27521	.14800	1.85950	.65157
15.600	1.676	.30487	-.00171	.07098	-.01705	-.00138	-.00185	.27548	.14713	1.87240	.65213
15.600	2.193	.30373	-.00313	.06964	-.02230	-.00203	-.00249	.27471	.14567	1.88590	.65386
15.600	2.741	.30145	-.00336	.06892	-.02837	-.00240	-.00336	.27269	.14445	1.88780	.65417
15.600	3.310	.30064	-.00385	.06827	-.03402	-.00275	-.00423	.27211	.14358	1.89520	.65478
	GRADIENT	-.00038	.00027	-.00002	-.00954	-.00116	-.00130	-.00036	-.00012	-.00097	-.00032

RUN NO. 193/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.900	-2.988	.34337	-.00627	.06778	.02663	.00404	.00466	.30970	.16182	1.91390	.65679
16.900	-2.423	.34340	-.00613	.06793	.02070	.00384	.00370	.30965	.16207	1.91060	.65663
16.900	-1.913	.34298	-.00498	.06898	.01471	.00385	.00260	.30894	.16297	1.89560	.65541
16.900	-1.285	.34399	-.00244	.07124	.00870	.00304	.00172	.30936	.16507	1.87410	.65268
16.900	-.896	.34470	-.00208	.07158	.00521	.00235	.00124	.30996	.16553	1.87260	.65229
16.900	-.331	.34494	-.00229	.07188	.00079	.00120	.00069	.31014	.16575	1.87120	.65251
16.900	-.082	.34524	-.00181	.07189	-.00119	.00057	.00060	.31034	.16613	1.86810	.65200
16.900	.120	.34488	-.00235	.07170	-.00263	.00024	.00033	.31016	.16549	1.87420	.65257
16.900	.643	.34421	-.00202	.07138	-.00654	-.00073	-.00020	.30954	.16521	1.87370	.65222
16.900	1.167	.34394	-.00127	.07077	-.01084	-.00160	-.00084	.30937	.16489	1.87620	.65142
16.900	1.676	.34389	-.00288	.06948	-.01546	-.00250	-.00128	.30965	.16377	1.89080	.65315
16.900	2.273	.34208	-.00374	.06815	-.02233	-.00271	-.00248	.30832	.16196	1.90370	.65409
16.900	2.938	.34005	-.00539	.06710	-.02942	-.00311	-.00343	.30668	.16038	1.91220	.65590
16.900	3.525	.33947	-.00471	.06725	-.03543	-.00355	-.00435	.30610	.16032	1.90930	.65517
	GRADIENT	-.00051	.00017	-.00021	-.00916	-.00137	-.00129	-.00043	-.00031	.00100	-.00017

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 197/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-3.022	.41481	-.00692	.06842	.02599	.00489	.00472	.37099	.19692	1.88400	.65621
18.900	-2.416	.41528	-.00616	.06838	.01931	.00478	.00350	.37142	.19711	1.88430	.65553
18.900	-1.962	.41440	-.00525	.06931	.01418	.00457	.00259	.37024	.19781	1.87170	.65473
18.900	-1.133	.41488	-.00413	.07020	.00563	.00375	.00125	.37040	.19882	1.86300	.65373
18.900	-.894	.41460	-.00369	.07038	.00395	.00322	.00107	.37008	.19889	1.86070	.65334
18.900	-.483	.41363	-.00368	.07087	.00091	.00221	.00072	.36899	.19906	1.85370	.65334
18.900	-.025	.41321	-.00346	.07038	-.00239	.00095	.00042	.36888	.19815	1.86160	.65315
18.900	.645	.41352	-.00314	.07064	-.00564	-.00132	.00021	.36903	.19862	1.85790	.65286
18.900	1.192	.41325	-.00354	.06997	-.00993	-.00261	-.00029	.36891	.19812	1.86210	.65322
18.900	1.582	.41316	-.00416	.06860	-.01305	-.00328	-.00077	.36920	.19701	1.87400	.65378
18.900	2.005	.41251	-.00516	.06802	-.01770	-.00355	-.00143	.36876	.19632	1.87840	.65467
18.900	2.267	.41239	-.00544	.06766	-.02080	-.00376	-.00197	.36876	.19594	1.88210	.65493
18.900	2.568	.41246	-.00597	.06745	-.02384	-.00394	-.00248	.36893	.19567	1.88550	.65540
18.900	3.100	.41185	-.00638	.06727	-.02958	-.00431	-.00344	.36844	.19522	1.88730	.65576
18.900	3.482	.41152	-.00606	.06747	-.03358	-.00457	-.00412	.36807	.19531	1.88450	.65549
	GRADIENT	-.00054	-.00004	-.00032	-.00857	-.00178	-.00118	-.00043	-.00041	.00172	.00004

RUN NO. 178/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-3.096	.45610	-.00695	.06948	.02636	.00512	.00475	.40627	.21739	1.86890	.65567
20.000	-2.458	.45511	-.00612	.06959	.01920	.00506	.00336	.40528	.21720	1.86590	.65501
20.000	-1.852	.45407	-.00557	.07002	.01296	.00466	.00219	.40415	.21726	1.86030	.65458
20.000	-1.476	.45348	-.00502	.07021	.00915	.00433	.00155	.40355	.21719	1.85800	.65414
20.000	-.818	.45239	-.00447	.07030	.00328	.00323	.00067	.40249	.21691	1.85560	.65371
20.000	-.479	.45150	-.00441	.07002	.00129	.00221	.00057	.40173	.21639	1.85650	.65366
20.000	-.041	.45459	-.00351	.07095	-.00079	.00031	.00071	.40415	.21875	1.84750	.65291
20.000	.178	.45051	-.00463	.06997	-.00303	.00037	.00011	.40082	.21599	1.85580	.65385
20.000	.912	.45084	-.00487	.06968	-.00626	-.00263	.00019	.40123	.21585	1.85880	.65404
20.000	1.204	.45053	-.00486	.06929	-.00861	-.00316	-.00017	.40106	.21541	1.86190	.65403
20.000	1.685	.45109	-.00546	.06865	-.01335	-.00362	-.00099	.40174	.21517	1.86710	.65452
20.000	2.239	.45024	-.00582	.06816	-.01896	-.00406	-.00192	.40108	.21452	1.86970	.65482
20.000	2.768	.45031	-.00602	.06804	-.02462	-.00434	-.00291	.40120	.21439	1.87140	.65498
20.000	3.217	.44963	-.00611	.06786	-.02938	-.00456	-.00377	.40066	.21391	1.87300	.65507
	GRADIENT	-.00005	.00002	-.00034	-.00818	-.00191	-.00114	-.00080	-.00059	.00139	-.00001

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 198/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-2.986	.49295	-.00607	.07037	.02504	.00524	.00483	.43599	.23969	1.81900	.65460
21.000	-2.499	.49213	-.00583	.06989	.01987	.00500	.00380	.43536	.23901	1.82150	.65442
21.000	-1.797	.49348	-.00526	.07017	.01275	.00454	.00250	.43644	.23995	1.81690	.65399
21.000	-1.525	.49137	-.00482	.07009	.01003	.00414	.00198	.43451	.23911	1.81720	.65368
21.000	-.965	.49059	-.00464	.06980	.00524	.00330	.00124	.43385	.23866	1.81780	.65355
21.000	-.438	.49011	-.00481	.06961	.00190	.00161	.00108	.43336	.23860	1.81620	.65368
21.000	-.057	.49144	-.00323	.07058	-.00035	.00002	.00109	.43423	.24005	1.80890	.65249
21.000	.151	.48919	-.00336	.07005	-.00143	-.00034	.00079	.43242	.23848	1.81330	.65259
21.000	.705	.48854	-.00341	.06961	-.00550	-.00154	.00020	.43190	.23803	1.81450	.65264
21.000	1.195	.48927	-.00497	.06947	-.00849	-.00324	.00015	.43279	.23775	1.82030	.65381
21.000	1.692	.48946	-.00524	.06946	-.01319	-.00384	-.00066	.43299	.23777	1.82100	.65400
21.000	2.347	.48916	-.00572	.06885	-.02015	-.00441	-.00194	.43293	.23710	1.82590	.65437
21.000	2.840	.48892	-.00590	.06915	-.02523	-.00465	-.00288	.43261	.23725	1.82340	.65451
21.000	3.405	.48864	-.00611	.06961	-.03129	-.00499	-.00404	.43223	.23744	1.82040	.65467
	GRADIENT	-.00071	-.00004	-.00017	-.00827	-.00192	-.00119	-.00060	-.00042	.00068	.00004

RUN NO. 201/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-3.102	.56522	-.00669	.06995	.02536	.00559	.00537	.49410	.28221	1.75080	.65442
23.000	-2.530	.56462	-.00705	.06971	.01989	.00507	.00425	.49372	.28161	1.75320	.65466
23.000	-2.074	.56461	-.00706	.06944	.01566	.00450	.00347	.49381	.28137	1.75510	.65467
23.000	-1.733	.56414	-.00689	.06929	.01244	.00409	.00296	.49342	.28107	1.75550	.65456
23.000	-1.434	.56414	-.00729	.06923	.00970	.00371	.00244	.49344	.28104	1.75580	.65483
23.000	-1.120	.56417	-.00669	.06877	.00757	.00286	.00213	.49362	.28071	1.75850	.65443
23.000	-.806	.56260	-.00605	.06865	.00515	.00223	.00174	.49218	.28010	1.75720	.65402
23.000	-.309	.56269	-.00585	.06899	.00142	.00116	.00112	.49209	.28054	1.75410	.65389
23.000	-.058	.56469	-.00573	.06895	.00016	.00018	.00115	.49348	.28034	1.74780	.65380
23.000	.204	.56290	-.00584	.06844	-.00135	-.00053	.00088	.49242	.28024	1.75710	.65388
23.000	.471	.56226	-.00584	.06811	-.00327	-.00112	.00058	.49193	.27977	1.75830	.65389
23.000	.837	.56195	-.00596	.06844	-.00654	-.00158	-.00001	.49151	.27995	1.75570	.65397
23.000	1.126	.56206	-.00690	.06855	-.00858	-.00242	-.00020	.49162	.27995	1.75610	.65458
23.000	1.393	.56261	-.00711	.06870	-.01093	-.00285	-.00060	.49210	.28023	1.75610	.65472
23.000	1.780	.56292	-.00700	.06874	-.01420	-.00350	-.00116	.49240	.28032	1.75660	.65464
23.000	2.090	.56300	-.00705	.06899	-.01708	-.00391	-.00166	.49240	.28053	1.75530	.65467
23.000	2.552	.56206	-.00694	.06965	-.02145	-.00440	-.00252	.49132	.28067	1.75060	.65461
23.000	2.903	.56182	-.00708	.06998	-.02494	-.00462	-.00325	.49102	.28077	1.74880	.65470
23.000	3.475	.56207	-.00679	.07034	-.03094	-.00504	-.00446	.49114	.28118	1.74670	.65451
	GRADIENT	-.00048	-.00002	.00001	-.00810	-.00187	-.00134	-.00046	-.00017	-.00055	.00002

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 184/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-3.011	.63613	-.00911	.06979	.02354	.00522	.00582	.54903	.32800	1.67390	.65534
24.900	-2.513	.63755	-.00970	.06892	.01925	.00475	.00468	.55070	.32777	1.68010	.65567
24.900	-1.977	.63770	-.00992	.06836	.01405	.00422	.00370	.55105	.32736	1.68330	.65579
24.900	-1.399	.63734	-.01000	.06784	.00887	.00348	.00270	.55093	.32679	1.68590	.65584
24.900	-.896	.63743	-.00907	.06789	.00422	.00279	.00176	.55043	.32809	1.67770	.65531
24.900	-.460	.63676	-.00923	.06763	.00089	.00207	.00110	.54993	.32758	1.67870	.65540
24.900	-.010	.63722	-.00886	.06766	-.00188	.00055	.00081	.55032	.32784	1.67860	.65519
24.900	.802	.63608	-.00891	.06741	-.00607	-.00179	.00008	.54985	.32614	1.68590	.65522
24.900	1.048	.63577	-.00865	.06769	-.00789	-.00223	-.00031	.54951	.32616	1.68480	.65508
24.900	1.768	.63553	-.00900	.06812	-.01500	-.00300	-.00168	.54914	.32636	1.68260	.65528
24.900	2.240	.63557	-.00897	.06854	-.01915	-.00369	-.00246	.54902	.32673	1.68040	.65526
24.900	2.839	.63526	-.00856	.06924	-.02497	-.00435	-.00364	.54845	.32724	1.67600	.65502
24.900	3.384	.63466	-.00818	.07006	-.02987	-.00492	-.00479	.54757	.32770	1.67090	.65481
	GRADIENT	-.00040	.00020	.00005	-.00804	-.00177	-.00153	-.00037	-.00014	-.00040	-.00011

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ034) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 180/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.500	-3.004	.46877	-.00547	.06703	.02590	.00500	.00490	.41725	.22260	1.87440	.65436
20.500	-2.540	.46783	-.00548	.06718	.02073	.00497	.00386	.41638	.22230	1.87300	.65438
20.500	-2.018	.46752	-.00497	.06716	.01486	.00493	.00268	.41609	.22217	1.87290	.65398
20.500	-1.392	.46732	-.00457	.06751	.00827	.00438	.00152	.41579	.22240	1.86950	.65366
20.500	-.856	.46694	-.00397	.06750	.00371	.00337	.00085	.41547	.22222	1.86970	.65319
20.500	-.448	.46664	-.00402	.06733	.00092	.00219	.00062	.41520	.22203	1.87010	.65324
20.500	-.024	.47119	-.00462	.06729	-.00155	.00067	.00047	.41931	.22401	1.87180	.65367
20.500	.702	.46565	-.00414	.06712	-.00492	-.00218	.00046	.41434	.22152	1.87040	.65334
20.500	1.184	.46581	-.00434	.06690	-.00867	-.00331	-.00006	.41458	.22135	1.87300	.65350
20.500	1.794	.46638	-.00443	.06638	-.01446	-.00410	-.00100	.41528	.22111	1.87810	.65356
20.500	2.141	.46531	-.00470	.06641	-.01804	-.00435	-.00169	.41427	.22080	1.87620	.65379
20.500	2.862	.46408	-.00484	.06637	-.02584	-.00453	-.00319	.41313	.22033	1.87510	.65391
20.500	3.300	.46385	-.00458	.06667	-.03161	-.00473	-.00433	.41284	.22049	1.87240	.65370
	GRADIENT	-.00067	.00010	-.00014	-.00835	-.00192	-.00122	-.00057	-.00036	.00046	-.00007

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (RKZ035) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 206/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.132	.45189	-.00969	.06411	.01518	.00437	.00372	.40408	.21109	1.91420	.65796
20.000	-1.930	.45166	-.00964	.06420	.01364	.00399	.00346	.40382	.21116	1.91240	.65792
20.000	-1.616	.45128	-.00951	.06434	.01103	.00347	.00303	.40340	.21120	1.91000	.65782
20.000	-1.256	.45022	-.00915	.06401	.00792	.00290	.00257	.40251	.21056	1.91160	.65754
20.000	-1.001	.45005	-.00937	.06397	.00589	.00249	.00220	.40236	.21047	1.91170	.65773
20.000	-.761	.45002	-.00937	.06441	.00401	.00207	.00185	.40217	.21089	1.90700	.65773
20.000	-.526	.45150	-.01030	.06551	.00241	.00158	.00130	.40318	.21245	1.89770	.65846
20.000	-.240	.45163	-.01042	.06555	.00064	.00098	.00103	.40328	.21255	1.89730	.65856
20.000	.026	.45136	-.01043	.06557	-.00137	.00040	.00072	.40300	.21249	1.89660	.65857
20.000	.287	.45170	-.01024	.06552	-.00302	-.00022	.00043	.40335	.21256	1.89750	.65841
20.000	.579	.45176	-.01033	.06554	-.00522	-.00082	.00005	.40339	.21260	1.89740	.65848
20.000	.798	.45134	-.01023	.06528	-.00686	-.00154	-.00024	.40309	.21223	1.89930	.65841
20.000	1.033	.45134	-.01020	.06515	-.00860	-.00164	-.00058	.40313	.21211	1.90060	.65838
20.000	1.288	.45225	-.01025	.06520	-.01093	-.00204	-.00098	.40397	.21247	1.90130	.65841
20.000	1.539	.45198	-.01034	.06499	-.01299	-.00249	-.00136	.40378	.21218	1.90300	.65849
20.000	1.779	.45204	-.01026	.06529	-.01501	-.00292	-.00163	.40374	.21248	1.90010	.65842
	GRADIENT	.00024	-.00026	.00035	-.00753	-.00192	-.00137	.00009	.00047	-.00377	.00021

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (RKZ036) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 706/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.350	.45037	-.00855	.06394	.00878	.00306	.00256	.40260	.21072	1.91060	.65705
20.000	-.761	.45048	-.00871	.06421	.00424	.00205	.00166	.40261	.21101	1.90800	.65718
20.000	-.557	.45168	-.00954	.06513	.00269	.00166	.00131	.40342	.21229	1.90030	.65784
20.000	-.344	.45206	-.00996	.06517	.00134	.00115	.00101	.40377	.21245	1.90050	.65818
20.000	-.083	.45151	-.00994	.06539	-.00047	.00056	.00073	.40318	.21247	1.89760	.65817
20.000	.219	.45216	-.01008	.06544	-.00268	-.00005	.00038	.40377	.21273	1.89810	.65827
20.000	.537	.45162	-.00985	.06539	-.00496	-.00081	.00004	.40329	.21248	1.89800	.65809
20.000	.923	.45190	-.01009	.06497	-.00792	-.00147	-.00046	.40370	.21218	1.90270	.65829
20.000	1.226	.45243	-.01012	.06492	-.01048	-.00197	-.00092	.40422	.21229	1.90400	.65830
	1.565	.45239	-.01026	.06525	-.01329	-.00256	-.00136	.40408	.21258	1.90080	.65843
	GRADIENT	.00063	-.00054	.00032	-.00746	-.00199	-.00130	.00049	.00049	-.00208	.00043

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (RKZ037) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 207/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.389	.44894	-.00478	.06723	.01738	.00479	.00391	.40020	.21319	1.87720	.65399
20.000	-1.689	.44875	-.00338	.06922	.01035	.00435	.00250	.39933	.21502	1.85710	.65284
20.000	-1.157	.44869	-.00341	.06888	.00616	.00324	.00195	.39936	.21471	1.86000	.65286
20.000	-.619	.44822	-.00332	.06954	.00236	.00213	.00122	.39872	.21515	1.85320	.65279
20.000	-.036	.44782	-.00344	.06936	-.00116	.00053	.00070	.39841	.21481	1.85460	.65289
20.000	.287	.44755	-.00342	.06955	-.00314	-.00022	.00037	.39808	.21495	1.85190	.65288
20.000	.829	.44680	-.00316	.06985	-.00659	-.00153	-.00023	.39727	.21497	1.84810	.65267
20.000	1.387	.44778	-.00344	.06943	-.01121	-.00251	-.00110	.39834	.21492	1.85350	.65290
20.000	1.815	.44940	-.00452	.06875	-.01523	-.00293	-.00178	.40009	.21484	1.86230	.65377
	GRADIENT	-.00019	.00006	.00030	-.00733	-.00204	-.00126	-.00028	.00023	-.00329	-.00005

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (RKZ038) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 707/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.410	.44984	-.00440	.06827	.01798	.00478	.00383	.40086	.21403	1.87290	.65367
20.000	-1.804	.44998	-.00315	.06993	.01176	.00437	.00266	.40022	.21621	1.85110	.65264
20.000	-1.428	.44832	-.00275	.06995	.00843	.00384	.00214	.39865	.21565	1.84860	.65233
20.000	-1.011	.44837	-.00323	.06964	.00496	.00287	.00174	.39879	.21537	1.85170	.65272
20.000	-.531	.44883	-.00304	.05977	.00156	.00189	.00109	.39918	.21566	1.85100	.65256
20.000	-.088	.44836	-.00332	.07018	-.00086	.00072	.00064	.39860	.21587	1.84650	.65280
20.000	.568	.44784	-.00329	.07009	-.00493	-.00098	.00002	.39815	.21559	1.84680	.65277
20.000	1.184	.44839	-.00333	.06977	-.00940	-.00238	-.00066	.39879	.21547	1.85080	.65280
	GRADIENT	-.00047	.00012	.00029	-.00735	-.00211	-.00120	-.00057	.00019	-.00432	-.00010

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 211/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.494	.44985	-.00475	.06712	.01867	.00488	.00423	.40085	.21401	1.87300	.65396
20.000	-2.113	.45042	-.00408	.06915	.01515	.00465	.00342	.40102	.21519	1.86360	.65340
20.000	-1.648	.44936	-.00335	.06910	.01036	.00424	.00260	.39970	.21573	1.85280	.65281
20.000	-1.282	.44909	-.00342	.06898	.00756	.00343	.00220	.39948	.21554	1.85340	.65287
20.000	-1.016	.44890	-.00353	.06896	.00570	.00282	.00191	.39931	.21546	1.85330	.65296
20.000	-.656	.44861	-.00351	.06948	.00312	.00212	.00141	.39886	.21587	1.84770	.65295
20.000	-.412	.44850	-.00343	.06961	.00164	.00147	.00114	.39871	.21596	1.84620	.65288
20.000	-.042	.44980	-.00342	.06911	-.00064	.00040	.00088	.40032	.21534	1.85900	.65286
20.000	.235	.44770	-.00346	.06963	-.00241	-.00020	.00055	.39794	.21571	1.84480	.65291
20.000	.620	.44677	-.00305	.06945	-.00469	-.00118	.00017	.39713	.21523	1.84510	.65258
20.000	.871	.44667	-.00289	.06949	-.00647	-.00173	-.00015	.39703	.21524	1.84460	.65245
20.000	1.173	.44693	-.00290	.06935	-.00863	-.00236	-.00053	.39732	.21520	1.84630	.65246
20.000	1.455	.44836	-.00349	.06908	-.01126	-.00266	-.00108	.39875	.21545	1.85080	.65293
20.000	1.763	.44898	-.00434	.06856	-.01424	-.00299	-.00160	.39951	.21518	1.85660	.65363
20.000	2.077	.45005	-.00492	.06804	-.01721	-.00319	-.00216	.40069	.21506	1.86320	.65409
	GRADIENT	-.00037	.00003	.00015	-.00735	-.00203	-.00127	-.00041	.00004	-.00223	-.00002

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (RKZ040) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 711/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.035	.44980	-.00307	.06844	.01474	.00455	.00310	.40027	.21545	1.85780	.65258
20.000	-1.658	.44800	-.00233	.06911	.01065	.00424	.00250	.39836	.21545	1.84890	.65198
20.000	-1.282	.44865	-.00241	.06870	.00764	.00339	.00212	.39910	.21530	1.85380	.65205
20.000	-.959	.44811	-.00263	.06884	.00535	.00262	.00178	.39855	.21523	1.85170	.65223
20.000	-.604	.44764	-.00262	.06938	.00280	.00197	.00128	.39793	.21558	1.84590	.65222
20.000	-.203	.44682	-.00262	.06956	.00053	.00086	.00091	.39710	.21545	1.84310	.65223
20.000	.068	.44703	-.00243	.06972	-.00116	.00015	.00062	.39725	.21567	1.84190	.65206
20.000	.412	.44728	-.00274	.06939	-.00339	-.00076	.00031	.39760	.21544	1.84550	.65233
20.000	.740	.44682	-.00267	.06939	-.00558	-.00149	-.00002	.39717	.21526	1.84510	.65226
20.000	1.064	.44792	-.00293	.06931	-.00786	-.00221	-.00043	.39824	.21555	1.84750	.65247
20.000	1.388	.44903	-.00339	.06911	-.01088	-.00262	-.00099	.39935	.21574	1.85110	.65285
20.000	1.743	.44923	-.00409	.06861	-.01394	-.00297	-.00156	.39972	.21533	1.85630	.65342
	GRADIENT	-.00011	-.00025	.00010	-.00713	-.00219	-.00116	-.00013	.00003	-.00085	.00021

LA141B(20-M6-6546) (B62C12F10)(W127E43) (RKZ041) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 210/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.123	.45330	-.01140	.06372	.01492	.00475	.00308	.40529	.21191	1.91260	.65932
20.000	-1.815	.45322	-.01148	.06363	.01281	.00413	.00277	.40523	.21182	1.91310	.65939
20.000	-1.450	.45361	-.01157	.06403	.01002	.00334	.00237	.40545	.21234	1.90940	.65945
20.000	-1.116	.45347	-.01166	.06376	.00773	.00264	.00200	.40541	.21205	1.91190	.65955
20.000	-.715	.45307	-.01147	.06379	.00477	.00180	.00161	.40503	.21196	1.91090	.65938
20.000	-.412	.45328	-.01177	.06386	.00261	.00111	.00123	.40519	.21211	1.91030	.65962
20.000	-.036	.45255	-.01128	.06368	-.00055	.00020	.00093	.40461	.21159	1.91220	.65924
20.000	.417	.45289	-.01153	.06410	-.00364	-.00073	.00036	.40473	.21222	1.90710	.65944
20.000	.887	.45219	-.01136	.06418	-.00691	-.00173	-.00013	.40405	.21205	1.90540	.65931
20.000	1.174	.45304	-.01156	.06410	-.00925	-.00235	-.00046	.40487	.21228	1.90730	.65946
20.000	1.492	.45282	-.01148	.06414	-.01181	-.00303	-.00085	.40465	.21225	1.90650	.65940
20.000	1.748	.45301	-.01140	.06420	-.01379	-.00364	-.00117	.40480	.21237	1.90610	.65933
20.000	1.982	.45291	-.01179	.06418	-.01537	-.00412	-.00139	.40471	.21231	1.90620	.65964
	GRADIENT	-.00016	-.00001	.00013	-.00741	-.00217	-.00109	-.00020	.00009	-.00176	.00001

LA141B(20-M6-6546) (B62C12F10)(W127E43) (RKZ042) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 710/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.165	.45344	-.01043	.06358	.01543	.00488	.00297	.40537	.21206	1.91160	.65853
20.000	-1.826	.45368	-.01061	.06380	.01293	.00415	.00265	.40552	.21236	1.90970	.65867
20.000	-1.570	.45414	-.01057	.06399	.01108	.00359	.00240	.40588	.21270	1.90820	.65864
20.000	-1.294	.45418	-.01086	.06380	.00904	.00300	.00209	.40599	.21254	1.91020	.65886
20.000	-1.090	.45343	-.01094	.06366	.00748	.00255	.00187	.40533	.21213	1.91080	.65894
20.000	-.803	.45352	-.01107	.06398	.00529	.00196	.00154	.40531	.21246	1.90780	.65905
20.000	-.522	.45375	-.01119	.06400	.00331	.00134	.00123	.40552	.21255	1.90780	.65914
20.000	-.297	.45325	-.01124	.06403	.00169	.00089	.00103	.40505	.21239	1.90710	.65919
20.000	-.042	.45311	-.01127	.06386	-.00025	.00027	.00078	.40497	.21218	1.90860	.65922
20.000	.292	.45299	-.01123	.06385	-.00276	-.00044	.00041	.40487	.21212	1.90870	.65919
20.000	.574	.45362	-.01146	.06408	-.00486	-.00107	.00015	.40538	.21254	1.90730	.65936
20.000	.835	.45304	-.01124	.06404	-.00688	-.00165	-.00019	.40486	.21228	1.90720	.65920
20.000	1.132	.45331	-.01146	.06407	-.00911	-.00228	-.00052	.40511	.21240	1.90730	.65937
20.000	1.450	.45331	-.01158	.06404	-.01157	-.00296	-.00084	.40512	.21235	1.90780	.65947
20.000	1.706	.45348	-.01149	.06384	-.01345	-.00351	-.00114	.40536	.21222	1.91010	.65939
	GRADIENT	-.00015	-.00028	.00007	-.00746	-.00217	-.00106	-.00015	-.00002	-.00060	.00023

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ043) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 205/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.009	.45060	-.00796	.06561	.01661	.00317	.00392	.40222	.21242	1.89350	.65656
20.000	-1.790	.44989	-.00791	.06580	.01454	.00279	.00363	.40151	.21233	1.89100	.65654
20.000	-1.471	.44912	-.00799	.06579	.01174	.00234	.00317	.40078	.21207	1.88980	.65661
20.000	-1.148	.44920	-.00786	.06585	.00860	.00201	.00264	.40083	.21218	1.88910	.65651
20.000	-.824	.44920	-.00786	.06611	.00556	.00165	.00211	.40072	.21248	1.88590	.65635
20.000	-.485	.44947	-.00789	.06635	.00259	.00121	.00156	.40092	.21272	1.88470	.65653
20.000	-.021	.45118	-.00832	.06710	-.00082	.00033	.00099	.40201	.21475	1.87200	.65686
20.000	.261	.44927	-.00840	.06761	-.00319	-.00009	.00052	.40055	.21314	1.87930	.65695
20.000	.501	.44835	-.00803	.06639	-.00511	-.00054	.00022	.39999	.21201	1.88670	.65666
20.000	.783	.44773	-.00782	.06608	-.00769	-.00088	-.00031	.39937	.21189	1.88480	.65650
20.000	1.080	.44762	-.00775	.06594	-.01022	-.00125	-.00075	.39930	.21177	1.88550	.65644
20.000	1.300	.44768	-.00787	.06582	-.01231	-.00157	-.00103	.39941	.21164	1.88730	.65653
20.000	1.785	.44728	-.00794	.06565	-.01680	-.00218	-.00178	.39914	.21121	1.88980	.65660
	GRADIENT	-.00072	-.00001	.00008	-.00865	-.00143	-.00151	-.00069	-.00020	-.00144	.00001

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ044) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 705/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.978	.44831	-.00705	.06555	.01632	.00315	.00368	.40008	.21162	1.89060	.65585
20.000	-1.696	.44784	-.00695	.06560	.01398	.00272	.00336	.39962	.21154	1.88910	.65578
20.000	-1.461	.44796	-.00713	.06562	.01189	.00233	.00303	.39971	.21163	1.88870	.65592
20.000	-1.158	.44825	-.00709	.06574	.00887	.00198	.00253	.39994	.21183	1.88800	.65589
20.000	-.856	.44857	-.00720	.06582	.00613	.00163	.00207	.40021	.21202	1.88760	.65597
20.000	-.558	.44816	-.00714	.06602	.00346	.00126	.00158	.39980	.21197	1.88610	.65593
20.000	-.318	.44867	-.00748	.06636	.00135	.00094	.00119	.40028	.21214	1.88690	.65620
20.000	-.094	.44914	-.00775	.06695	-.00048	.00048	.00087	.40063	.21254	1.88500	.65641
20.000	.126	.44864	-.00782	.06741	-.00221	.00013	.00062	.39998	.21286	1.87900	.65648
20.000	.392	.44855	-.00791	.06694	-.00445	-.00026	.00034	.39994	.21272	1.88010	.65655
20.000	.642	.44741	-.00730	.06590	-.00645	-.00069	-.00010	.39910	.21169	1.88530	.65607
20.000	.966	.44727	-.00734	.06587	-.00948	-.00111	-.00063	.39899	.21159	1.88560	.65611
20.000	1.227	.44725	-.00753	.06583	-.01179	-.00144	-.00094	.39901	.21149	1.88660	.65626
20.000	1.576	.44751	-.00790	.06582	-.01501	-.00190	-.00147	.39930	.21147	1.88820	.65656
	GRADIENT	-.00022	-.00022	.00016	-.00876	-.00143	-.00146	-.00024	.00002	-.00132	.00018

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ045) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 203/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.045	.44918	-.00669	.06713	.01625	.00349	.00354	.40047	.21304	1.87980	.65555
20.000	-1.581	.44797	-.00638	.06782	.01239	.00285	.00286	.39915	.21318	1.87240	.65531
20.000	-1.289	.44904	-.00605	.06778	.00963	.00257	.00241	.40016	.21349	1.87440	.65503
20.000	-.949	.44889	-.00592	.06792	.00616	.00217	.00180	.39997	.21363	1.87220	.65492
20.000	-.578	.44813	-.00594	.06833	.00273	.00169	.00125	.39910	.21379	1.86680	.65495
20.000	-.291	.44798	-.00581	.06871	.00048	.00120	.00087	.39888	.21398	1.86410	.65484
20.000	-.067	.44956	-.00555	.06867	-.00162	.00076	.00067	.40012	.21516	1.85960	.65461
20.000	.303	.44830	-.00610	.06878	-.00430	.00028	.00010	.39920	.21397	1.86570	.65507
20.000	.653	.44798	-.00610	.06846	-.00716	-.00036	-.00042	.39901	.21355	1.86850	.65507
20.000	1.003	.44804	-.00632	.06831	-.01031	-.00085	-.00089	.39910	.21350	1.86930	.65526
20.000	1.280	.44812	-.00639	.06818	-.01268	-.00130	-.00120	.39923	.21338	1.87090	.65532
20.000	1.634	.44866	-.00677	.06758	-.01560	-.00190	-.00166	.39994	.21302	1.87740	.65562
20.000	1.874	.44794	-.00657	.06700	-.01753	-.00239	-.00196	.39939	.21239	1.88040	.65547
20.000	2.104	.44808	-.00774	.06655	-.01922	-.00313	-.00207	.39963	.21217	1.88350	.65643
	GRADIENT	-.00018	-.00019	-.00011	-.00856	-.00155	-.00137	-.00012	-.00020	.00117	.00016

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ046) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 703/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.161	.44793	-.00581	.06709	.01756	.00372	.00351	.39931	.21263	1.87800	.65484
20.000	-1.526	.44743	-.00569	.06775	.01459	.00318	.00304	.39867	.21292	1.87240	.65475
20.000	-1.221	.44860	-.00539	.06780	.00903	.00245	.00220	.39975	.21335	1.87370	.65449
20.000	-.907	.44800	-.00505	.06781	.00585	.00212	.00163	.39915	.21325	1.87170	.65421
20.000	-.615	.44760	-.00525	.06809	.00313	.00177	.00123	.39870	.21332	1.86910	.65438
20.000	-.343	.44757	-.00538	.06813	.00082	.00129	.00090	.39872	.21320	1.87010	.65449
20.000	-.067	.44762	-.00536	.06859	-.00133	.00083	.00046	.39863	.21355	1.86670	.65447
20.000	.183	.44739	-.00564	.06914	-.00342	.00043	.00013	.39823	.21400	1.86080	.65471
20.000	.549	.44745	-.00568	.06866	-.00626	-.00016	-.00028	.39843	.21362	1.86510	.65474
20.000	.872	.44751	-.00564	.06838	-.00918	-.00065	-.00075	.39858	.21339	1.86780	.65470
20.000	1.186	.44817	-.00608	.06800	-.01213	-.00110	-.00122	.39932	.21329	1.87220	.65506
20.000	1.457	.44839	-.00636	.06802	-.01426	-.00159	-.00152	.39948	.21348	1.87130	.65529
20.000	1.811	.44824	-.00745	.06706	-.01672	-.00266	-.00162	.39960	.21272	1.87860	.65618
20.000	2.104	.44799	-.00780	.06655	-.01936	-.00311	-.00208	.39953	.21219	1.88290	.65648
	GRADIENT	.00006	-.00045	-.00005	-.00881	-.00162	-.00135	.00007	-.00003	.00058	.00037

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 223/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
25.700	-2.127	.66369	-.01245	.06744	.01630	.00507	.00411	.57002	.34587	1.64810	.65697
25.700	-1.802	.66132	-.01227	.06680	.01354	.00457	.00361	.56818	.34424	1.65050	.65690
25.700	-1.602	.66197	-.01252	.06705	.01181	.00426	.00321	.56871	.34467	1.65000	.65703
25.700	-1.285	.66183	-.01235	.06693	.00922	.00383	.00271	.56863	.34453	1.65040	.65693
25.700	-.990	.66102	-.01219	.06688	.00696	.00329	.00220	.56791	.34415	1.65020	.65686
25.700	-.706	.66026	-.01165	.06645	.00484	.00277	.00181	.56741	.34344	1.65210	.65656
25.700	-.301	.66114	-.01170	.06669	.00223	.00187	.00126	.56808	.34408	1.65100	.65658
25.700	.019	.66405	-.01099	.06661	.00037	.00082	.00103	.57039	.34592	1.64890	.65615
25.700	.408	.66152	-.01095	.06656	-.00137	-.00028	.00084	.56833	.34436	1.65040	.65616
25.700	.934	.66133	-.01097	.06636	-.00470	-.00168	.00004	.56827	.34406	1.65170	.65617
25.700	1.202	.66151	-.01086	.06651	-.00668	-.00221	-.00031	.56840	.34422	1.65130	.65611
25.700	1.449	.66149	-.01046	.06688	-.00848	-.00265	-.00070	.56823	.34451	1.64940	.65589
25.700	1.750	.66124	-.01025	.06687	-.01088	-.00321	-.00121	.56803	.34436	1.64950	.65577
	GRADIENT	-.00019	.00059	-.00012	-.00670	-.00227	-.00130	-.00016	-.00013	.00015	-.00033

RUN NO. 222/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
30.000	-2.199	.83676	-.01925	.06675	.01903	.00402	.00584	.69320	.47293	1.46580	.65853
30.000	-1.915	.83704	-.01918	.06669	.01702	.00356	.00527	.69342	.47310	1.46570	.65850
30.000	-1.405	.83913	-.01883	.06676	.01295	.00271	.00436	.69514	.47427	1.46570	.65832
30.000	-1.053	.83883	-.01843	.06702	.01019	.00214	.00361	.69473	.47436	1.46460	.65815
30.000	-.670	.83843	-.01831	.06689	.00726	.00148	.00282	.69446	.47403	1.46500	.65810
30.000	-.380	.83923	-.01839	.06724	.00472	.00109	.00223	.69501	.47469	1.46410	.65813
30.000	-.128	.83835	-.01782	.06704	.00273	.00079	.00169	.69439	.47402	1.46490	.65789
30.000	.286	.83858	-.01742	.06736	-.00074	.00024	.00073	.69444	.47440	1.46380	.65771
30.000	.717	.83820	-.01707	.06691	-.00458	-.00028	-.00028	.69430	.47389	1.46510	.65756
30.000	1.006	.83827	-.01697	.06715	-.00689	-.00068	-.00090	.69421	.47416	1.46410	.65752
30.000	1.332	.83711	-.01665	.06731	-.00954	-.00130	-.00153	.69312	.47373	1.46310	.65739
30.000	1.600	.83716	-.01639	.06717	-.01137	-.00173	-.00206	.69323	.47365	1.46360	.65727
30.000	1.873	.83656	-.01630	.06711	-.01366	-.00224	-.00261	.69274	.47331	1.46360	.65724
	GRADIENT	-.00016	.00077	.00012	-.00813	-.00148	-.00211	-.00021	.00004	-.00057	-.00034

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ047) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 221/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
35.000	-1.761	1.06530	-.03229	.06737	.01546	.00320	.00586	.83543	.66405	1.25810	.66122
35.000	-1.522	1.06500	-.03229	.06726	.01374	.00283	.00536	.83537	.66377	1.25850	.66122
35.000	-1.246	1.06430	-.03213	.06716	.01131	.00245	.00468	.83479	.66328	1.25860	.66118
35.000	-1.044	1.06340	-.03174	.06707	.00970	.00216	.00409	.83415	.66272	1.25870	.66105
35.000	-.747	1.06230	-.03156	.06694	.00732	.00179	.00338	.83326	.66193	1.25880	.66100
35.000	-.430	1.06090	-.03078	.06682	.00483	.00150	.00248	.83226	.65095	1.25920	.66074
35.000	-.180	1.06180	-.03047	.06712	.00294	.00096	.00204	.83285	.66169	1.25870	.66063
35.000	.024	1.06520	-.03096	.06686	.00148	.00056	.00165	.83518	.66428	1.25730	.66076
35.000	.248	1.06090	-.02999	.06692	-.00055	.00029	.00107	.83224	.66104	1.25900	.66047
35.000	.477	1.06130	-.02974	.06714	-.00212	-.00006	.00049	.83237	.66147	1.25840	.66038
35.000	.794	1.06050	-.02918	.06717	-.00432	-.00064	-.00026	.83170	.66111	1.25800	.66019
35.000	1.013	1.06000	-.02925	.06719	-.00618	-.00100	-.00075	.83126	.66087	1.25780	.66022
35.000	1.304	1.06060	-.02894	.06727	-.00834	-.00144	-.00145	.83170	.66134	1.25760	.66011
35.000	1.517	1.06010	-.02878	.06712	-.00994	-.00183	-.00198	.83136	.66095	1.25780	.66006
35.000	1.741	1.05870	-.02844	.06746	-.01189	-.00221	-.00256	.83003	.66040	1.25690	.65995
35.000	2.033	1.05870	-.02790	.06763	-.01408	-.00266	-.00318	.82990	.66049	1.25650	.65977
	GRADIENT	-.00161	.00120	.00007	-.00776	-.00155	-.00239	-.00136	-.00085	-.00044	-.00040

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ048) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 723/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
25.700	-1.907	.65846	-.01094	.06721	.01459	.00494	.00356	.56549	.34327	1.64740	.65618
25.700	-1.611	.65814	-.01087	.06703	.01198	.00444	.00310	.56526	.34301	1.64790	.65615
25.700	-1.196	.65812	-.01076	.06649	.00864	.00371	.00243	.56545	.34258	1.65050	.65608
25.700	-.812	.65864	-.01080	.06658	.00563	.00301	.00194	.56584	.34295	1.64990	.65610
25.700	-.601	.66018	-.01073	.06668	.00420	.00263	.00155	.56716	.34375	1.64990	.65605
25.700	-.217	.66008	-.01063	.06638	.00182	.00167	.00110	.56718	.34347	1.65130	.65600
25.700	.229	.66029	-.01031	.06665	-.00034	.00031	.00068	.56726	.34379	1.65000	.65582
25.700	.503	.66080	-.01064	.06687	-.00184	-.00058	.00050	.56764	.34420	1.64910	.65599
25.700	.729	.66045	-.01052	.06652	-.00324	-.00118	.00028	.56747	.34372	1.65090	.65593
25.700	.965	.66149	-.01040	.06641	-.00481	-.00166	-.00004	.56845	.34407	1.65210	.65585
25.700	1.391	.66087	-.01049	.06662	-.00800	-.00255	-.00060	.56780	.34398	1.65070	.65591
	GRADIENT	.00102	.00016	-.00013	-.00655	-.00239	-.00121	.00094	.00038	.00091	-.00010

RUN NO. 722/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
30.000	-1.710	.83413	-.01674	.06677	.01549	.00330	.00478	.69077	.47185	1.46400	.65745
30.000	-1.458	.83417	-.01678	.06675	.01340	.00283	.00428	.69083	.47181	1.46420	.65747
30.000	-1.211	.83500	-.01673	.06674	.01135	.00248	.00377	.69159	.47218	1.46470	.65744
30.000	-.980	.83486	-.01640	.06684	.00980	.00213	.00332	.69143	.47217	1.46440	.65730
30.000	-.759	.83531	-.01630	.06677	.00787	.00172	.00284	.69188	.47229	1.46490	.65725
30.000	-.476	.83499	-.01638	.06686	.00564	.00132	.00226	.69155	.47222	1.46450	.65729
30.000	-.124	.83546	-.01651	.06716	.00256	.00083	.00154	.69177	.47278	1.46320	.65734
30.000	.271	.83605	-.01652	.06670	-.00074	.00032	.00066	.69250	.47269	1.46500	.65734
30.000	.654	.83611	-.01638	.06705	-.00407	-.00017	-.00018	.69236	.47304	1.46360	.65728
30.000	.864	.83636	-.01639	.06705	-.00570	-.00053	-.00067	.69260	.47313	1.46390	.65728
30.000	1.290	.83704	-.01619	.06710	-.00930	-.00114	-.00148	.69317	.47351	1.46390	.65718
30.000	1.516	.83569	-.01612	.06718	-.01102	-.00158	-.00194	.69197	.47288	1.46330	.65717
30.000	1.747	.83576	-.01640	.06716	-.01268	-.00197	-.00239	.69203	.47293	1.46330	.65729
	GRADIENT	.00060	.00013	.00013	-.00824	-.00148	-.00210	.00046	.00040	-.00029	-.00006

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ048) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 721/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
35.000	-1.267	1.05550	-.02784	.06677	.01133	.00283	.00440	.82783	.65791	1.25830	.65977
35.000	-.965	1.05530	-.02776	.06681	.00900	.00234	.00369	.82766	.65783	1.25820	.65975
35.000	-.710	1.05510	-.02772	.06682	.00693	.00198	.00313	.82749	.65768	1.25820	.65974
35.000	-.491	1.05540	-.02767	.06672	.00512	.00173	.00249	.82779	.65780	1.25840	.65972
35.000	-.226	1.05520	-.02746	.06698	.00323	.00119	.00197	.82746	.65791	1.25770	.65964
35.000	-.002	1.05540	-.02773	.06684	.00135	.00082	.00148	.82767	.65799	1.25790	.65974
35.000	.424	1.05640	-.02765	.06693	-.00159	.00003	.00054	.82838	.65866	1.25770	.65970
35.000	.690	1.05760	-.02775	.06705	-.00379	-.00035	-.00005	.82927	.65942	1.25760	.65972
35.000	.966	1.05720	-.02814	.06706	-.00591	-.00090	-.00071	.82901	.65920	1.25760	.65986
35.000	1.398	1.05910	-.02815	.06701	-.00924	-.00157	-.00175	.83064	.66022	1.25810	.65985
35.000	1.778	1.05910	-.02824	.06741	-.01227	-.00225	-.00260	.83035	.66052	1.25710	.65988
	GRADIENT	.00142	-.00017	.00017	-.00770	-.00169	-.00229	.00104	.00098	-.00030	.00004

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ049) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 249/ 0 RN/L = 8.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.000	-1.706	.32454	-.00486	.06077	.00991	.00312	.00208	.29605	.14513	2.03980	.65558
16.000	-1.386	.32130	-.00222	.06114	.00671	.00272	.00172	.29286	.14449	2.02680	.65261
16.000	-1.034	.32154	-.00251	.06116	.00354	.00231	.00118	.29306	.14468	2.02560	.65294
16.000	-.569	.32095	-.00264	.06113	-.00030	.00166	.00056	.29245	.14463	2.02210	.65310
16.000	-.249	.32270	-.00426	.06127	-.00273	.00106	.00024	.29413	.14512	2.02670	.65493
16.000	.009	.32852	-.00428	.06153	-.00450	.00051	.00003	.29970	.14679	2.04170	.65486
16.000	.397	.32396	-.00377	.06192	-.00716	-.00001	-.00056	.29523	.14587	2.02390	.65435
16.000	.723	.32034	-.00127	.06178	-.00906	-.00064	-.00100	.29175	.14487	2.01390	.65153
16.000	.945	.31731	.00196	.06137	-.01064	-.00126	-.00135	.28887	.14393	2.00710	.64779
	GRADIENT	-.00090	.00120	.00031	-.00764	-.00163	-.00127	-.00096	.00006	-.00742	-.00138

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.7000 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0040				

PARAMETRIC DATA

ELEVON =	.000	AILRON =	.000
BDFLAP =	.000	SPDBRK =	55.000
RUDDER =	.800	RN/L =	8.300
PHI =	-90.000	MACH =	6.000
SWEEP =	1.000		

RUN NO. 250/ 0 RN/L = 8.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-2.041	.42818	-.00421	.06103	.01091	.00361	.00329	.38628	.19362	1.99510	.65369
18.900	-1.713	.42725	-.00418	.06085	.00743	.00335	.00262	.38543	.19322	1.99480	.65367
18.900	-1.474	.42730	-.00439	.06103	.00527	.00319	.00230	.38541	.19346	1.99220	.65385
18.900	-1.162	.42773	-.00412	.06125	.00233	.00287	.00175	.38574	.19379	1.99060	.65361
18.900	-.855	.42925	-.00433	.06180	-.00040	.00244	.00133	.38706	.19462	1.98880	.65378
18.900	-.562	.42811	-.00297	.06167	-.00222	.00186	.00087	.38600	.19421	1.98750	.65262
18.900	-.287	.42934	-.00348	.06184	-.00438	.00133	.00043	.38708	.19485	1.98650	.65305
18.900	-.001	.43404	-.00403	.06166	-.00502	.00035	.00016	.39159	.19618	1.99610	.65348
18.900	.306	.43136	-.00489	.06186	-.00801	.00004	-.00042	.38894	.19562	1.98830	.65424
18.900	.561	.43069	-.00419	.06164	-.00936	-.00051	-.00077	.38836	.19528	1.98870	.65365
18.900	.925	.43126	-.00415	.06166	-.01243	-.00094	-.00153	.38888	.19552	1.98900	.65361
	GRADIENT	.00168	-.00000	.00030	-.00754	-.00167	-.00155	.00146	.00091	-.00180	-.00001

RUN NO. 244/ 0 RN/L = 8.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.326	.45950	-.00370	.06136	.00408	.00305	.00207	.41215	.21132	1.95040	.65303
20.000	-1.054	.45810	-.00270	.06116	.00206	.00246	.00173	.41088	.21074	1.94970	.65224
20.000	-.783	.45869	-.00316	.06145	-.00058	.00216	.00133	.41135	.21116	1.94800	.65260
20.000	-.454	.45795	-.00290	.06163	-.00349	.00171	.00074	.41060	.21105	1.94550	.65240
20.000	-.043	.46503	-.00515	.06184	-.00471	.00046	.00028	.41713	.21379	1.95110	.65415
20.000	.192	.45893	-.00416	.06150	-.00787	.00032	-.00029	.41150	.21144	1.94620	.65340
20.000	.479	.45906	-.00413	.06140	-.00949	-.00024	-.00073	.41163	.21150	1.94630	.65338
20.000	.777	.45896	-.00417	.06119	-.01144	-.00077	-.00117	.41162	.21123	1.94870	.65341
20.000	1.162	.45860	-.00404	.06058	-.01393	-.00173	-.00167	.41141	.21073	1.95230	.65331
	GRADIENT	.00012	-.00051	-.00018	-.00722	-.00189	-.00155	.00012	.00004	.00020	.00040

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ049) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 246/ 0 RN/L = 8.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-2.158	.50389	-.00538	.06138	.01050	.00439	.00360	.44986	.23429	1.92010	.65400
21.000	-1.777	.50156	-.00446	.06149	.00604	.00425	.00285	.44770	.23342	1.91800	.65334
21.000	-1.359	.50174	-.00471	.06120	.00279	.00355	.00209	.44788	.23344	1.91860	.65352
21.000	-.748	.49977	-.00350	.06134	-.00187	.00220	.00131	.44597	.23291	1.91480	.65265
21.000	-.314	.50111	-.00472	.06163	-.00469	.00126	.00067	.44712	.23365	1.91360	.65354
21.000	-.054	.50604	-.00480	.06203	-.00505	.00044	.00048	.45157	.23583	1.91480	.65356
21.000	.286	.50157	-.00474	.06184	-.00834	.00008	-.00023	.44745	.23409	1.91140	.65355
21.000	.491	.50185	-.00499	.06148	-.00956	-.00038	-.00058	.44780	.23395	1.91410	.65373
21.000	.730	.50362	-.00635	.06123	-.01111	-.00085	-.00097	.44954	.23436	1.91810	.65470
21.000	.976	.50254	-.00579	.06118	-.01306	-.00126	-.00147	.44859	.23383	1.91850	.65431
	GRADIENT	.00017	-.00030	.00002	-.00713	-.00194	-.00154	.00010	.00019	-.00111	.00022

RUN NO. 248/ 0 RN/L = 8.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-1.703	.58866	-.00795	.06230	.00214	.00436	.00308	.51903	.28383	1.82870	.65504
23.000	-1.284	.58759	-.00767	.06197	-.00339	.00422	.00215	.51814	.28317	1.82980	.65487
23.000	-.760	.58741	-.00746	.06216	-.00703	.00334	.00123	.51794	.28319	1.82890	.65474
23.000	-.493	.58936	-.00791	.06229	-.00803	.00267	.00082	.51967	.28409	1.82920	.65501
23.000	-.017	.59039	-.00637	.06260	-.00567	.00029	.00049	.52046	.28489	1.82690	.65404
23.000	.303	.59000	-.00782	.06245	-.00840	-.00000	-.00013	.52013	.28466	1.82720	.65494
23.000	.554	.58943	-.00713	.06232	-.01019	-.00058	-.00043	.51968	.28428	1.82810	.65452
23.000	.790	.58878	-.00666	.06240	-.01201	-.00108	-.00079	.51907	.28405	1.82740	.65423
23.000	1.068	.58800	-.00661	.06235	-.01383	-.00156	-.00126	.51838	.28369	1.82730	.65420
	GRADIENT	.00034	.00044	.00010	-.00464	-.00241	-.00147	.00026	.00027	-.00081	-.00028

RUN NO. 247/ 0 RN/L = 8.41 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-1.301	.71535	-.01241	.06256	.00148	.00335	.00261	.62375	.35514	1.75630	.65645
24.900	-.709	.71477	-.01308	.06227	-.00317	.00236	.00165	.62340	.35449	1.75860	.65680
24.900	-.347	.71337	-.01262	.06206	-.00525	.00151	.00109	.62226	.35364	1.75960	.65658
24.900	-.016	.71612	-.01296	.06231	-.00690	.00051	.00072	.62464	.35503	1.75940	.65672
24.900	.376	.71343	-.01254	.06213	-.00921	-.00043	.00011	.62227	.35376	1.75900	.65654
24.900	.659	.71461	-.01238	.06218	-.01063	-.00124	-.00030	.62325	.35444	1.75840	.65644
24.900	1.031	.71451	-.01220	.06229	-.01267	-.00226	-.00092	.62314	.35445	1.75810	.65635
	GRADIENT	-.00031	.00017	-.00010	-.00592	-.00246	-.00148	-.00023	-.00024	.00053	-.00009

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ050) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 749/ 0 RN/L = 8.21 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.000	-1.623	.33028	-.00991	.06160	.00758	.00331	.00189	.30132	.14755	2.04210	.66111
16.000	-1.164	.32891	-.00681	.06212	.00401	.00259	.00132	.29987	.14765	2.03090	.65768
16.000	-.879	.32949	-.00682	.06208	.00172	.00219	.00091	.30041	.14784	2.03200	.65768
16.000	-.621	.32834	-.00628	.06183	-.00037	.00173	.00053	.29936	.14737	2.03130	.65711
16.000	-.321	.32861	-.00706	.06183	-.00230	.00114	.00026	.29963	.14737	2.03320	.65797
16.000	-.042	.32862	-.00679	.06193	-.00430	.00068	-.00011	.29965	.14736	2.03340	.65767
16.000	.262	.32671	-.00530	.06197	-.00606	.00010	-.00050	.29784	.14675	2.02960	.65603
16.000	.619	.32505	-.00454	.06214	-.00828	-.00044	-.00103	.29622	.14637	2.02380	.65520
	GRADIENT	-.00196	.00179	.00011	-.00708	-.00171	-.00128	-.00189	-.00055	-.00527	-.00197

RUN NO. 750/ 0 RN/L = 8.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-1.479	.43867	-.00947	.06212	.00401	.00341	.00208	.39576	.19831	1.99560	.65801
18.900	-1.120	.43803	-.00867	.06224	.00075	.00299	.00158	.39514	.19815	1.99410	.65735
18.900	-.751	.43789	-.00837	.06262	-.00177	.00233	.00113	.39494	.19828	1.99180	.65710
18.900	-.537	.43656	-.00709	.06252	-.00280	.00178	.00081	.39369	.19783	1.99000	.65604
18.900	-.105	.43678	-.00701	.06244	-.00531	.00087	.00021	.39388	.19794	1.98990	.65597
18.900	.233	.43539	-.00629	.06220	-.00732	.00009	-.00036	.39264	.19727	1.99030	.65539
18.900	.519	.43242	-.00509	.06193	-.00895	-.00050	-.00077	.38990	.19613	1.98790	.65440
	GRADIENT	-.00265	.00204	-.00008	-.00627	-.00203	-.00143	-.00249	-.00091	-.00345	-.00168

RUN NO. 744/ 0 RN/L = 8.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-2.040	.46667	-.00930	.06187	.00815	.00434	.00313	.41872	.21426	1.95420	.65740
20.000	-1.696	.46480	-.00767	.06212	.00431	.00423	.00254	.41688	.21384	1.94950	.65614
20.000	-1.289	.46476	-.00764	.06183	.00212	.00334	.00182	.41688	.21372	1.95070	.65611
20.000	-.840	.46405	-.00667	.06199	-.00076	.00243	.00125	.41618	.21356	1.94880	.65535
20.000	-.611	.46281	-.00584	.06202	-.00260	.00200	.00093	.41502	.21311	1.94750	.65471
20.000	-.313	.46074	-.00478	.06230	-.00448	.00131	.00047	.41301	.21262	1.94250	.65389
20.000	-.032	.46156	-.00529	.06230	.00576	.00068	.00010	.41376	.21293	1.94310	.65429
20.000	.260	.46046	-.00460	.06180	-.00788	.00019	-.00039	.41282	.21229	1.94460	.65375
20.000	.599	.46040	-.00465	.06151	-.00978	-.00052	-.00099	.41285	.21206	1.94690	.65379
20.000	.907	.45845	-.00375	.06121	-.01203	-.00116	-.00139	.41113	.21107	1.94780	.65308
	GRADIENT	-.00255	.00173	-.00017	-.00656	-.00196	-.00152	-.00237	-.00095	-.00246	-.00135

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ050) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 746/ 0 RN/L = 8.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-1.819	.50907	-.00974	.06215	.00502	.00445	.00264	.45443	.23685	1.91860	.65711
21.000	-1.552	.50891	-.00961	.06215	.00310	.00407	.00220	.45426	.23683	1.91810	.65702
21.000	-1.150	.50718	-.00861	.06183	.00056	.00325	.00167	.45270	.23608	1.91750	.65631
21.000	-.879	.50661	-.00758	.06211	-.00110	.00251	.00132	.45209	.23608	1.91500	.65557
21.000	-.539	.50675	-.00745	.06215	-.00231	.00155	.00096	.45221	.23617	1.91480	.65548
21.000	-.079	.50581	-.00683	.06242	-.00519	.00064	.00021	.45122	.23611	1.91110	.65504
21.000	.183	.50536	-.00701	.06218	-.00675	.00013	-.00028	.45085	.23580	1.91210	.65517
21.000	.470	.50495	-.00713	.06173	-.00872	-.00042	-.00076	.45061	.23528	1.91520	.65527
21.000	.731	.50406	-.00657	.06149	-.01066	-.00090	-.00118	.44989	.23469	1.91700	.65487
	GRADIENT	-.00184	.00123	-.00014	-.00592	-.00218	-.00148	-.00171	-.00069	-.00162	-.00087

RUN NO. 748/ 0 RN/L = 8.21 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-1.750	.59477	-.01198	.06301	-.00211	.00551	.00277	.52437	.28689	1.82780	.65748
23.000	-1.284	.59261	-.01046	.06288	-.00457	.00453	.00200	.52245	.28590	1.82740	.65656
23.000	-.964	.59335	-.01034	.06285	-.00464	.00358	.00155	.52312	.28620	1.82780	.65648
23.000	-.655	.59602	-.01070	.06258	-.00206	.00193	.00111	.52560	.28720	1.83010	.65667
23.000	-.205	.59362	-.00958	.06270	-.00476	.00093	.00058	.52338	.28628	1.82830	.65601
23.000	.104	.59355	-.00914	.06274	-.00742	.00043	.00006	.52329	.28632	1.82760	.65574
23.000	.423	.59193	-.00835	.06256	-.00952	-.00018	-.00030	.52188	.28549	1.82800	.65526
23.000	.795	.58944	-.00697	.06247	-.01206	-.00107	-.00074	.51965	.28437	1.82740	.65442
	GRADIENT	-.00143	.00168	-.00018	-.00351	-.00267	-.00137	-.00127	-.00068	-.00009	-.00103

RUN NO. 747/ 0 RN/L = 8.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-1.579	.72577	-.01835	.06326	.00214	.00416	.00284	.63286	.36026	1.75670	.65937
24.900	-1.249	.72462	-.01775	.06306	-.00095	.00372	.00226	.63195	.35947	1.75800	.65908
24.900	-1.018	.72298	-.01692	.06297	-.00253	.00329	.00182	.63054	.35861	1.75830	.65868
24.900	-.771	.72218	-.01630	.06280	-.00367	.00274	.00142	.62990	.35809	1.75910	.65837
24.900	-.525	.71964	-.01481	.06287	-.00494	.00208	.00114	.62761	.35700	1.75800	.65764
24.900	-.310	.71800	-.01412	.06272	-.00579	.00143	.00084	.62620	.35616	1.75820	.65730
24.900	.036	.71810	-.01414	.06254	-.00748	.00051	.00040	.62636	.35603	1.75930	.65732
24.900	.314	.71603	-.01358	.06232	-.00878	-.00033	.00006	.62454	.35507	1.75890	.65704
24.900	.576	.71634	-.01304	.06234	-.00995	-.00109	-.00030	.62477	.35529	1.75850	.65676
24.900	.859	.71505	-.01256	.06235	-.01152	-.00187	-.00067	.62362	.35470	1.75820	.65653
	GRADIENT	-.00458	.00245	-.00040	-.00522	-.00258	-.00140	-.00396	-.00235	.00048	-.00121

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ051) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 217/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
25.700	-2.371	.66308	-.01235	.06890	.01862	.00500	.00461	.56934	.34607	1.64520	.65692
25.700	-1.849	.66282	-.01201	.06847	.01399	.00438	.00366	.56930	.34557	1.64740	.65673
25.700	-1.243	.66244	-.01107	.06842	.00795	.00378	.00246	.56897	.34538	1.64740	.65621
25.700	-.712	.66225	-.01068	.06790	.00384	.00299	.00157	.56899	.34490	1.64970	.65611
25.700	-.270	.66265	-.01063	.06770	.00050	.00219	.00090	.56938	.34501	1.65030	.65597
25.700	.072	.66539	-.01042	.06739	-.00104	.00103	.00069	.57149	.34693	1.64730	.65583
25.700	.303	.66244	-.01010	.06762	-.00192	.00001	.00060	.56913	.34504	1.64950	.65568
25.700	.608	.66328	-.01004	.06789	-.00332	-.00106	.00042	.56971	.34575	1.64770	.65564
25.700	.924	.66395	-.00978	.06801	-.00548	-.00173	-.00001	.57025	.34619	1.64720	.65549
25.700	1.255	.66331	-.00942	.06823	-.00804	-.00222	-.00058	.56957	.34612	1.64560	.65529
25.700	1.518	.66386	-.00919	.06855	-.01017	-.00265	-.00101	.56992	.34666	1.64400	.65516
25.700	2.009	.66231	-.00952	.06856	-.01499	-.00323	-.00202	.56870	.34562	1.64550	.65535
	GRADIENT	.00014	.00071	-.00007	-.00717	-.00211	-.00138	.00009	.00013	-.00038	-.00040

RUN NO. 219/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
30.000	-1.689	.84314	-.01849	.06701	.01511	.00295	.00517	.69840	.47662	1.46530	.65814
30.000	-1.347	.84301	-.01841	.06740	.01216	.00235	.00448	.69813	.47684	1.46410	.65810
30.000	-.927	.84384	-.01814	.06746	.00904	.00172	.00362	.69885	.47725	1.46430	.65798
30.000	-.643	.84402	-.01788	.06741	.00643	.00140	.00300	.69905	.47728	1.46460	.65786
30.000	-.338	.84302	-.01768	.06782	.00372	.00104	.00234	.69799	.47711	1.46300	.65778
30.000	.035	.84144	-.01682	.06767	.00024	.00058	.00135	.69631	.47687	1.46020	.65742
30.000	.277	.84354	-.01717	.06786	-.00196	.00045	.00085	.69837	.47748	1.46260	.65756
30.000	.487	.84298	-.01698	.06778	-.00403	.00021	.00025	.69789	.47718	1.46250	.65748
30.000	.729	.84282	-.01660	.06803	-.00607	-.00001	-.00028	.69760	.47737	1.46130	.65731
30.000	.945	.84234	-.01638	.06802	-.00806	-.00028	-.00075	.69717	.47716	1.46110	.65722
30.000	1.407	.84165	-.01633	.06796	-.01177	-.00091	-.00180	.69661	.47673	1.46120	.65721
30.000	1.696	.84113	-.01614	.06810	-.01430	-.00145	-.00245	.69611	.47658	1.46060	.65713
30.000	1.985	.84105	-.01595	.06798	-.01641	-.00194	-.00296	.69609	.47643	1.46110	.65704
	GRADIENT	-.00064	.00075	.00026	-.00874	-.00124	-.00227	-.00070	-.00007	-.00125	-.00032

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V3R5) (RKZ051) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 220/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
35.000	-2.033	1.06510	-.03196	.06738	.01828	.00350	.00665	.83535	.66394	1.25820	.66111
35.000	-1.715	1.06710	-.03233	.06721	.01577	.00306	.00592	.83704	.66499	1.25870	.66121
35.000	-1.335	1.06710	-.03220	.06706	.01241	.00267	.00490	.83702	.66491	1.25880	.66117
35.000	-1.106	1.06750	-.03210	.06708	.01033	.00243	.00425	.83733	.66517	1.25880	.66113
35.000	-.835	1.06560	-.03119	.06683	.00827	.00216	.00358	.83599	.66387	1.25930	.66084
35.000	-.554	1.06550	-.03115	.06672	.00580	.00179	.00282	.83601	.66365	1.25970	.66082
35.000	-.170	1.06460	-.03053	.06685	.00281	.00115	.00194	.83524	.66322	1.25940	.66062
35.000	.049	1.06090	-.03084	.06659	.00087	.00057	.00145	.83244	.66083	1.25970	.66076
35.000	.274	1.06390	-.03019	.06672	-.00035	.00036	.00094	.83471	.66272	1.25950	.66051
35.000	.544	1.06430	-.03013	.06694	-.00228	-.00013	.00035	.83493	.66315	1.25900	.66049
35.000	.809	1.06430	-.02978	.06718	-.00417	-.00065	-.00026	.83478	.66329	1.25850	.66036
35.000	1.106	1.06470	-.02946	.06717	-.00669	-.00106	-.00099	.83515	.66346	1.25830	.66025
35.000	1.449	1.06340	-.02920	.06713	-.00939	-.00157	-.00186	.83417	.66270	1.25880	.66017
35.000	1.679	1.06550	-.02902	.06727	-.01138	-.00190	-.00246	.83536	.66459	1.25690	.66009
	GRADIENT	-.00074	.00094	-.00001	-.00789	-.00150	-.00243	-.00061	-.00041	-.00014	-.00032

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ052) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 717/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
25.700	-1.306	.66179	-.00982	.06864	.00862	.00402	.00245	.56820	.34545	1.64480	.65553
25.700	-1.049	.66111	-.00980	.06836	.00624	.00359	.00201	.56770	.34494	1.64580	.65552
25.700	-.727	.66167	-.00956	.06810	.00376	.00311	.00145	.56827	.34503	1.64700	.65538
25.700	-.411	.66196	-.00943	.06787	.00132	.00254	.00096	.56860	.34502	1.64800	.65531
25.700	-.164	.66168	-.00979	.06811	-.00008	.00194	.00064	.56823	.34513	1.64640	.65551
25.700	.156	.66321	-.00928	.06791	-.00141	.00067	.00054	.56966	.34569	1.64790	.65522
25.700	.361	.66294	-.00938	.06776	-.00204	-.00020	.00053	.56944	.34553	1.64800	.65528
25.700	.613	.66367	-.00969	.06759	-.00319	-.00104	.00034	.57014	.34575	1.64900	.65544
25.700	.881	.66347	-.00962	.06789	-.00502	-.00165	.00000	.56984	.34591	1.64740	.65540
25.700	1.366	.66331	-.00897	.06843	-.00897	-.00243	-.00080	.56948	.34629	1.64450	.65504
25.700	1.634	.66264	-.00906	.06866	-.01124	-.00285	-.00124	.56885	.34608	1.64370	.65510
	GRADIENT	.00071	.00023	-.00002	-.00625	-.00257	-.00112	.00059	.00041	-.00026	-.00013

RUN NO. 719/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
30.000	-1.637	.83815	-.01641	.06699	.01474	.00300	.00486	.69411	.47407	1.46420	.65727
30.000	-1.216	.83985	-.01624	.06701	.01133	.00234	.00401	.69557	.47495	1.46450	.65705
30.000	-.780	.83951	-.01595	.06755	.00765	.00170	.00312	.69503	.47521	1.46260	.65706
30.000	-.528	.83967	-.01614	.06767	.00556	.00144	.00256	.69514	.47534	1.46240	.65714
30.000	-.118	.83989	-.01598	.06763	.00160	.00093	.00161	.69536	.47539	1.46270	.65707
30.000	.140	.84145	-.01590	.06792	-.00083	.00069	.00101	.69655	.47646	1.46190	.65702
30.000	.356	.84046	-.01583	.06786	-.00278	.00049	.00052	.69569	.47596	1.46170	.65700
30.000	.629	.84093	-.01594	.06785	-.00539	.00020	-.00015	.69607	.47624	1.46160	.65704
30.000	1.044	.84103	-.01570	.06780	-.00894	-.00034	-.00108	.69517	.47627	1.46170	.65694
30.000	1.349	.84147	-.01582	.06796	-.01132	-.00082	-.00168	.69549	.47660	1.46140	.65699
30.000	1.575	.84173	-.01577	.06804	-.01315	-.00120	-.00220	.69566	.47680	1.46110	.65696
	GRADIENT	.00093	.00015	.00031	-.00885	-.00124	-.00223	.00064	.00075	-.00097	-.00007

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ052) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 720/ 0 RN/L = 2.46 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
35.000	-1.731	1.06290	-.02949	.06683	.01566	.00339	.00570	.83343	.66268	1.25770	.66028
35.000	-1.324	1.06270	-.02902	.06681	.01219	.00291	.00471	.83335	.66259	1.25770	.66011
35.000	-1.033	1.06320	-.02895	.06683	.00964	.00265	.00392	.83367	.66285	1.25770	.66009
35.000	-.653	1.06330	-.02885	.06657	.00646	.00221	.00289	.83391	.66283	1.25810	.66005
35.000	-.216	1.06330	-.02885	.06658	.00335	.00137	.00196	.83376	.66290	1.25770	.66005
35.000	.210	1.06420	-.02892	.06658	.00022	.00054	.00106	.83448	.66348	1.25770	.66007
35.000	.424	1.06370	-.02869	.06652	-.00122	.00009	.00058	.83413	.66311	1.25790	.65999
35.000	.778	1.06470	-.02901	.06668	-.00415	-.00052	-.00023	.83483	.66377	1.25770	.66009
35.000	1.044	1.06490	-.02893	.06702	-.00595	-.00096	-.00077	.83483	.66413	1.25700	.66007
35.000	1.372	1.06540	-.02896	.06718	-.00880	-.00143	-.00165	.83524	.66453	1.25690	.66007
	GRADIENT	.00082	.00010	.00006	-.00773	-.00163	-.00233	.00059	.00058	-.00021	-.00004

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ053) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 214/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-1.853	.41342	-.00481	.06879	.01274	.00445	.00225	.36989	.19588	1.88830	.65435
18.900	-1.222	.41362	-.00424	.06980	.00675	.00374	.00128	.36980	.19674	1.87960	.65384
18.900	-.952	.41289	-.00397	.07047	.00481	.00317	.00102	.36892	.19703	1.87240	.65360
18.900	-.660	.41295	-.00399	.07064	.00287	.00246	.00082	.36896	.19713	1.87160	.65363
18.900	-.416	.41223	-.00394	.07046	.00106	.00182	.00066	.36835	.19668	1.87290	.65359
18.900	-.010	.41472	-.00296	.07055	-.00090	-.00004	.00078	.37018	.19897	1.86040	.65269
18.900	.229	.41188	-.00367	.07084	-.00235	-.00044	.00052	.36793	.19684	1.86910	.65335
18.900	.474	.41241	-.00349	.07074	-.00397	-.00106	.00034	.36844	.19696	1.87070	.65318
18.900	.848	.41220	-.00398	.06978	-.00642	-.00192	-.00001	.36852	.19609	1.87940	.65362
18.900	1.072	.41249	-.00393	.06939	-.00817	-.00238	-.00028	.36888	.19594	1.88260	.65357
18.900	1.296	.41267	-.00499	.06859	-.00988	-.00305	-.00042	.36925	.19540	1.88970	.65452
18.900	1.650	.41338	-.00540	.05801	-.01351	-.00337	-.00097	.37008	.19517	1.89620	.65487
18.900	2.078	.41359	-.00619	.06749	-.01828	-.00362	-.00175	.37042	.19486	1.90090	.65557
	GRADIENT	-.00008	-.00032	-.00049	-.00723	-.00238	-.00084	.00007	-.00046	.00478	.00028

RUN NO. 204/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.763	.44823	-.00503	.06929	.01191	.00459	.00228	.39897	.21447	1.86030	.65420
20.000	-1.511	.44830	-.00505	.06945	.00919	.00436	.00179	.39899	.21461	1.85920	.65422
20.000	-1.172	.44787	-.00463	.06972	.00602	.00390	.00123	.39852	.21464	1.85670	.65387
20.000	-.812	.44724	-.00452	.06995	.00315	.00304	.00096	.39788	.21458	1.85420	.65379
20.000	-.583	.44668	-.00449	.06988	.00176	.00241	.00088	.39738	.21432	1.85420	.65377
20.000	-.218	.44639	-.00487	.06986	-.00029	.00136	.00071	.39711	.21418	1.85410	.65409
20.000	-.016	.44936	-.00457	.06964	.00010	-.00038	.00123	.39950	.21630	1.84700	.65381
20.000	.224	.44581	-.00496	.06958	-.00145	-.00099	.00101	.39669	.21366	1.85660	.65416
20.000	.588	.44646	-.00504	.06981	-.00401	-.00185	.00076	.39722	.21410	1.85530	.65422
20.000	.813	.44594	-.00519	.06941	-.00582	-.00244	.00062	.39685	.21357	1.85820	.65435
20.000	1.079	.44577	-.00515	.06898	-.00779	-.00293	.00025	.39681	.21323	1.86100	.65432
20.000	1.444	.44649	-.00553	.06845	-.01142	-.00336	-.00035	.39758	.21319	1.86500	.65463
20.000	1.711	.44647	-.00597	.06794	-.01400	-.00357	-.00078	.39771	.21279	1.86900	.65491
	GRADIENT	-.00063	-.00024	-.00034	-.00675	-.00270	-.00065	-.00049	-.00051	.00214	.00020

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ053) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 212/ 0 RN/L = 2.46 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-2.269	.48977	-.00543	.06917	.01685	.00500	.00326	.43370	.23672	1.83210	.65415
21.000	-1.818	.48960	-.00524	.06952	.01249	.00460	.00246	.43349	.23683	1.83030	.65401
21.000	-1.358	.48883	-.00479	.06926	.00820	.00401	.00172	.43285	.23633	1.83150	.65367
21.000	-.924	.48902	-.00521	.06920	.00475	.00318	.00121	.43304	.23636	1.83210	.65399
21.000	-.621	.48892	-.00528	.06909	.00267	.00234	.00101	.43298	.23626	1.83260	.65405
21.000	-.293	.48807	-.00347	.06983	.00165	.00081	.00121	.43187	.23675	1.82410	.65269
21.000	.015	.48858	-.00325	.06971	-.00051	.00002	.00097	.43210	.23758	1.81870	.65252
21.000	.235	.48791	-.00397	.06943	-.00195	-.00043	.00074	.43187	.23632	1.82750	.65306
21.000	.548	.48734	-.00412	.06944	-.00419	-.00115	.00041	.43137	.23603	1.82760	.65318
21.000	.845	.48745	-.00534	.06913	-.00537	-.00251	.00062	.43160	.23574	1.83090	.65410
21.000	1.065	.48812	-.00567	.06910	-.00733	-.00290	.00030	.43225	.23591	1.83230	.65434
21.000	1.426	.48819	-.00572	.06878	-.01072	-.00336	-.00025	.43244	.23563	1.83520	.65438
21.000	1.656	.48806	-.00599	.06872	-.01310	-.00356	-.00068	.43234	.23555	1.83550	.65459
21.000	1.908	.48812	-.00617	.06862	-.01553	-.00378	-.00113	.43242	.23549	1.83630	.65472
21.000	2.138	.48861	-.00628	.06871	-.01786	-.00396	-.00153	.43285	.23577	1.83590	.65480
	GRADIENT	-.00036	-.00025	-.00016	-.00733	-.00234	-.00090	-.00027	-.00030	.00117	.00019

RUN NO. 213/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-2.011	.56409	-.00722	.06967	.01454	.00439	.00327	.49316	.28161	1.75120	.65478
23.000	-1.335	.56483	-.00749	.06899	.00873	.00355	.00213	.49409	.28130	1.75640	.65495
23.000	-1.063	.56388	-.00637	.06858	.00732	.00256	.00212	.49329	.28075	1.75710	.65422
23.000	-.806	.56335	-.00635	.06887	.00502	.00222	.00170	.49265	.28090	1.75380	.65421
23.000	-.466	.56370	-.00631	.06885	.00211	.00170	.00120	.49297	.28106	1.75400	.65418
23.000	-.037	.56466	-.00594	.06856	-.00023	.00006	.00112	.49339	.28251	1.74650	.65394
23.000	.376	.56321	-.00637	.06898	-.00245	-.00097	.00075	.49249	.28096	1.75290	.65423
23.000	.581	.56299	-.00621	.06878	-.00440	-.00122	.00040	.49236	.28068	1.75420	.65413
23.000	.880	.56282	-.00685	.06859	-.00714	-.00157	-.00014	.49228	.28041	1.75560	.65455
23.000	1.136	.56321	-.00741	.06893	-.00854	-.00247	-.00018	.49256	.28076	1.75440	.65491
23.000	1.424	.56295	-.00741	.06912	-.01114	-.00289	-.00067	.49231	.28071	1.75380	.65491
23.000	1.629	.56387	-.00761	.06908	-.01311	-.00322	-.00102	.49317	.28101	1.75500	.65504
23.000	1.912	.56421	-.00727	.06951	-.01547	-.00362	-.00138	.49332	.28153	1.75230	.65481
23.000	2.164	.56374	-.00713	.06979	-.01787	-.00389	-.00182	.49280	.28157	1.75020	.65472
	GRADIENT	-.00017	-.00014	.00007	-.00751	-.00214	-.00113	-.00017	-.00005	-.00029	.00009

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ054) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 714/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-2.135	.41170	-.00439	.06770	.01630	.00459	.00268	.36853	.19451	1.89470	.65399
18.900	-1.827	.41206	-.00395	.06829	.01301	.00443	.00210	.36872	.19507	1.89020	.65360
18.900	-1.615	.41317	-.00434	.06871	.01275	.00436	.00212	.36969	.19565	1.88960	.65393
18.900	-1.243	.41338	-.00340	.06961	.00735	.00377	.00123	.36963	.19647	1.88130	.65310
18.900	-.926	.41250	-.00241	.07049	.00574	.00242	.00132	.36853	.19697	1.87100	.65222
18.900	-.650	.41250	-.00249	.07038	.00383	.00180	.00108	.36860	.19676	1.87340	.65229
18.900	-.313	.41259	-.00355	.07018	.00272	.00025	.00124	.36879	.19650	1.87670	.65323
18.900	-.068	.41258	-.00359	.07024	.00081	-.00027	.00100	.36874	.19659	1.87570	.65327
18.900	.244	.41204	-.00369	.06989	-.00144	-.00100	.00076	.36832	.19616	1.87770	.65336
18.900	.536	.41258	-.00382	.06989	-.00374	-.00150	.00044	.36881	.19640	1.87790	.65347
18.900	.807	.41266	-.00385	.06995	-.00626	-.00189	-.00003	.36883	.19658	1.87620	.65350
18.900	1.119	.41316	-.00378	.06942	-.00855	-.00252	-.00035	.36942	.19642	1.88080	.65344
18.900	1.478	.41342	-.00481	.06823	-.01191	-.00322	-.00077	.37002	.19547	1.89300	.65435
18.900	1.765	.41343	-.00540	.06764	-.01489	-.00344	-.00121	.37022	.19495	1.89900	.65487
	GRADIENT	.00023	-.00023	.00002	-.00759	-.00234	-.00087	.00021	.00009	.00016	.00020

RUN NO. 704/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.898	.44646	-.00440	.06882	.01336	.00461	.00229	.39744	.21350	1.86150	.65369
20.000	-1.569	.44634	-.00411	.06894	.01001	.00434	.00172	.39731	.21350	1.86090	.65345
20.000	-1.146	.44605	-.00373	.06943	.00594	.00380	.00109	.39691	.21375	1.85690	.65314
20.000	-.802	.44620	-.00372	.06968	.00327	.00298	.00085	.39698	.21400	1.85500	.65313
20.000	-.480	.44569	-.00413	.06961	.00346	.00084	.00136	.39655	.21368	1.85580	.65348
20.000	-.251	.44569	-.00439	.06957	.00176	.00028	.00125	.39556	.21366	1.85600	.65369
20.000	.026	.44545	-.00426	.06957	-.00014	-.00045	.00104	.39633	.21359	1.85560	.65359
20.000	.411	.44575	-.00425	.06952	-.00274	-.00147	.00080	.39662	.21367	1.85620	.65358
20.000	.735	.44616	-.00457	.06937	-.00511	-.00229	.00057	.39702	.21376	1.85740	.65383
20.000	1.017	.44606	-.00481	.06928	-.00733	-.00287	.00028	.39702	.21349	1.85970	.65403
20.000	1.351	.44690	-.00519	.06861	-.01068	-.00327	-.00025	.39789	.21354	1.86330	.65434
20.000	1.638	.44672	-.00571	.06812	-.01332	-.00356	-.00076	.39786	.21308	1.86720	.65477
	GRADIENT	.00008	-.00039	-.00016	-.00699	-.00262	-.00066	.00011	-.00008	.00121	.00032

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ054) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 712/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-2.268	.48711	-.00445	.06909	.01712	.00505	.00313	.43134	.23552	1.83140	.65343
21.000	-1.933	.48853	-.00432	.06909	.01372	.00474	.00253	.43265	.23606	1.83280	.65332
21.000	-1.630	.48740	-.00422	.06938	.01106	.00441	.00204	.43147	.23597	1.82850	.65326
21.000	-1.222	.48784	-.00303	.06970	.00832	.00297	.00200	.43173	.23651	1.82540	.65235
21.000	-.794	.48762	-.00320	.06920	.00507	.00209	.00156	.43167	.23604	1.82880	.65248
21.000	-.439	.48740	-.00303	.06952	.00246	.00120	.00123	.43136	.23625	1.82590	.65235
21.000	-.032	.48684	-.00481	.06859	.00050	-.00018	.00115	.43121	.23508	1.83430	.65371
21.000	.250	.48721	-.00464	.06897	-.00128	-.00107	.00101	.43143	.23553	1.83170	.65357
21.000	.506	.48730	-.00493	.06898	-.00288	-.00173	.00085	.43152	.23554	1.83210	.65379
21.000	.835	.48735	-.00497	.06868	-.00560	-.00243	.00055	.43169	.23526	1.83500	.65382
21.000	1.191	.48763	-.00532	.06864	-.00876	-.00301	.00007	.43198	.23530	1.83590	.65408
21.000	1.568	.48791	-.00588	.06885	-.01240	-.00344	-.00052	.43215	.23562	1.83410	.65450
21.000	1.882	.48809	-.00590	.06887	-.01536	-.00373	-.00108	.43231	.23572	1.83400	.65452
	GRADIENT	.00002	-.00049	-.00015	-.00738	-.00237	-.00086	.00007	-.00015	.00145	.00037

RUN NO. 713/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-2.054	.56326	-.00586	.06928	.01548	.00452	.00325	.49249	.28103	1.75240	.65390
23.000	-1.776	.56286	-.00606	.06882	.01281	.00423	.00276	.49228	.28052	1.75490	.65403
23.000	-1.482	.56351	-.00593	.06871	.01023	.00385	.00227	.49287	.28079	1.75530	.65394
23.000	-1.173	.56252	-.00520	.06844	.00802	.00302	.00207	.49202	.28025	1.75570	.65347
23.000	-.869	.56240	-.00528	.06848	.00572	.00236	.00174	.49188	.28029	1.75490	.65352
23.000	-.544	.56230	-.00513	.06882	.00256	.00192	.00117	.49165	.28059	1.75220	.65342
23.000	-.246	.56269	-.00549	.06849	.00108	.00097	.00101	.49213	.28043	1.75490	.65366
23.000	-.011	.56279	-.00557	.06855	.00010	.00008	.00097	.49222	.28048	1.75490	.65371
23.000	.256	.56325	-.00574	.06868	-.00160	-.00072	.00078	.49261	.28074	1.75470	.65382
23.000	.560	.56327	-.00593	.06862	-.00414	-.00116	.00037	.49269	.28061	1.75570	.65394
23.000	1.021	.56360	-.00700	.06846	-.00756	-.00239	-.00005	.49312	.28043	1.75840	.65464
23.000	1.356	.56392	-.00723	.06868	-.01065	-.00278	-.00060	.49337	.28068	1.75770	.65479
23.000	1.870	.56409	-.00721	.06929	-.01511	-.00354	-.00135	.49331	.28127	1.75390	.65477
	GRADIENT	.00027	-.00040	-.00001	-.00746	-.00224	-.00107	.00028	.00006	.00063	.00026

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ055) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 238/ 0 RN/L = 8.47 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.000	-1.256	.31597	.00256	.06434	.00468	.00335	.00105	.28683	.14620	1.96190	.64708
16.000	-.853	.31492	.00478	.06579	.00147	.00228	.00081	.28539	.14740	1.93620	.64448
16.000	-.569	.31568	.00392	.06557	-.00083	.00192	.00042	.28617	.14743	1.94110	.64550
16.000	-.036	.32221	.00221	.06542	-.00400	.00053	.00005	.29250	.14902	1.96280	.64754
16.000	.486	.31760	.00363	.06598	-.00783	-.00017	-.00074	.28798	.14808	1.94470	.64587
16.000	.796	.31071	.00983	.06609	-.00895	-.00106	-.00101	.28124	.14662	1.91810	.63843
16.000	1.085	.31383	.00856	.06618	-.01158	-.00120	-.00162	.28419	.14766	1.92470	.64003
	GRADIENT	-.00106	.00237	.00057	-.00673	-.00198	-.00112	-.00119	.00031	-.01223	-.00280

RUN NO. 235/ 0 RN/L = 8.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-1.474	.42435	-.00149	.06328	.00302	.00468	.00138	.38194	.19447	1.96400	.65136
18.900	-1.036	.42429	.00028	.06394	-.00019	.00371	.00092	.38162	.19521	1.95500	.64982
18.900	-.573	.42392	.00284	.06519	-.00252	.00212	.00073	.38088	.19621	1.94120	.64760
18.900	-.323	.42416	.00318	.06524	-.00403	.00145	.00049	.38108	.19638	1.94060	.64731
18.900	-.032	.42898	.00171	.06500	-.00452	.00037	.00028	.38571	.19773	1.95070	.64860
18.900	.239	.42651	.00146	.06526	-.00697	-.00016	-.00024	.38329	.19717	1.94390	.64881
18.900	.531	.42686	.00108	.06503	-.00834	-.00090	-.00051	.38367	.19716	1.94600	.64913
18.900	.802	.42602	.00149	.06451	-.01030	-.00149	-.00097	.38296	.19662	1.94770	.64878
	GRADIENT	.00138	.00089	.00060	-.00562	-.00281	-.00099	.00105	.00115	-.00609	-.00077

RUN NO. 234/ 0 RN/L = 8.47 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-1.242	.46024	.00081	.06455	.00239	.00356	.00154	.41180	.21445	1.92030	.64942
20.000	-.778	.45949	.00166	.06419	-.00108	.00250	.00100	.41114	.21409	1.92040	.64874
20.000	-.449	.45899	.00201	.06471	-.00369	.00185	.00059	.41052	.21434	1.91530	.64846
20.000	.021	.46357	.00014	.06474	-.00527	.00014	.00024	.41478	.21600	1.92030	.64995
20.000	.339	.45978	.00055	.06444	-.00775	-.00052	-.00031	.41130	.21449	1.91750	.64962
20.000	.594	.46052	.00045	.06443	-.00878	-.00123	-.00053	.41197	.21480	1.91790	.64971
20.000	.903	.45910	.00042	.06369	-.01044	-.00209	-.00079	.41083	.21377	1.92190	.64973
	GRAD'ENT	.00006	-.00051	-.00021	-.00593	-.00269	-.00110	.00005	.00001	.00014	.00041

LA141B(20-M6-6546) (862C12F10M14)(W127E43)(V8R5) (RKZ055) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 236/ 0 RN/L = 8.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-1.004	.49853	-.00061	.06402	.00055	.00314	.00138	.44388	.23492	1.88950	.65051
21.000	-.726	.49740	.00047	.06411	-.00186	.00248	.00114	.44278	.23464	1.88710	.64972
21.000	-.476	.49768	-.00023	.06408	-.00338	.00188	.00081	.44302	.23478	1.88700	.65024
21.000	-.011	.50146	-.00171	.06409	-.00525	.00033	.00032	.44651	.23625	1.89000	.65132
21.000	.204	.49783	-.00037	.06429	-.00736	-.00008	.00009	.44309	.23502	1.88540	.65034
21.000	.429	.49865	-.00070	.06422	-.00802	-.00077	-.00021	.44385	.23533	1.88610	.65059
21.000	.663	.49936	-.00038	.06376	-.00910	-.00143	-.00056	.44467	.23517	1.89090	.65035
21.000	1.003	.49947	-.00143	.06365	-.01128	-.00238	-.00087	.44484	.23504	1.89260	.65112
	GRADIENT	.00075	-.00047	-.00014	-.00564	-.00279	-.00115	.00072	.00021	.00138	.00035

RUN NO. 237/ 0 RN/L = 8.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-1.320	.57956	-.00365	.06362	.00025	.00366	.00237	.51014	.28148	1.81230	.65239
23.000	-1.063	.57792	-.00300	.06361	-.00412	.00386	.00175	.50864	.28082	1.81130	.65198
23.000	-.655	.57911	-.00362	.06356	-.00720	.00336	.00105	.50972	.28132	1.81190	.65237
23.000	-.404	.58205	-.00425	.06346	-.00543	.00206	.00069	.51241	.28251	1.81370	.65275
23.000	.015	.57962	-.00219	.06388	-.00541	.00026	.00041	.51008	.28179	1.81010	.65146
23.000	.440	.58177	-.00397	.06365	-.00825	-.00077	-.00007	.51209	.28256	1.81230	.65258
23.000	.770	.58062	-.00324	.06340	-.01076	-.00147	-.00048	.51112	.28189	1.81320	.65212
23.000	1.152	.58277	-.00410	.06351	-.01394	-.00201	-.00126	.51307	.28278	1.81440	.65266
	GRADIENT	.00137	-.00012	-.00004	-.00449	-.00268	-.00133	.00124	.00057	.00073	.00007

RUN NO. 233/ 0 RN/L = 8.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-1.295	.66274	-.00573	.06387	-.00008	.00384	.00260	.57555	.33407	1.72280	.65325
24.900	-.887	.66716	-.00760	.06353	-.00195	.00293	.00178	.57976	.33551	1.72800	.65426
24.900	-.651	.66798	-.00823	.06345	-.00359	.00248	.00145	.58055	.33575	1.72910	.65460
24.900	-.273	.66730	-.00871	.06332	-.00591	.00151	.00086	.58006	.33520	1.73050	.65487
24.900	.021	.66920	-.00926	.06328	-.00665	.00032	.00067	.58181	.33594	1.73190	.65516
24.900	.477	.66578	-.00760	.06306	-.00823	-.00101	.00001	.57878	.33434	1.73110	.65427
24.900	.781	.66414	-.00552	.06334	-.01001	-.00173	-.00041	.57711	.33405	1.72760	.65312
24.900	1.022	.66308	-.00493	.06352	-.01157	-.00222	-.00084	.57606	.33380	1.72580	.65280
	GRADIENT	-.00063	.00062	-.00017	-.00478	-.00275	-.00140	-.00048	-.00046	.00097	-.00034

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 738/ 0 RN/L = 8.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
16.000	-.941	.32419	.00049	.06645	.00161	.00264	.00069	.29410	.15065	1.95220	.64952
16.000	-.626	.32431	-.00005	.06609	-.00096	.00203	.00032	.29430	.15040	1.95670	.65012
16.000	-.212	.32381	-.00044	.06540	-.00376	.00111	-.00013	.29398	.14968	1.96400	.65057
16.000	.072	.32402	-.00054	.06561	-.00480	.00041	-.00031	.29417	.14979	1.96390	.65068
16.000	.480	.32017	.00284	.06631	-.00686	-.00029	-.00088	.29034	.14915	1.94670	.64681
16.000	.878	.31204	.00952	.06620	-.00947	-.00118	-.00127	.28246	.14719	1.91910	.63884
	GRADIENT	-.00588	.00435	-.00002	-.00584	-.00211	-.00107	-.00563	-.00167	-.01594	-.00511

RUN NO. 735/ 0 RN/L = 8.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
18.900	-.974	.43161	-.00234	.06508	-.00016	.00313	.00111	.38811	.19887	1.95160	.65206
18.900	-.646	.43109	-.00094	.06582	-.00236	.00232	.00078	.38745	.19917	1.94540	.65087
18.900	-.370	.43038	.00024	.06588	-.00385	.00154	.00048	.38675	.19902	1.94330	.64987
18.900	-.016	.43079	-.00088	.06556	-.00529	.00047	-.00003	.38722	.19890	1.94690	.65082
18.900	.234	.42932	-.00014	.06555	-.00644	-.00021	-.00025	.38584	.19840	1.94480	.65018
18.900	.521	.42857	.00018	.06520	-.00816	-.00104	-.00061	.38522	.19788	1.94670	.64991
18.900	.828	.42531	.00188	.06450	-.01000	-.00163	-.00093	.38227	.19645	1.94590	.64844
	GRADIENT	-.00297	.00173	-.00039	-.00523	-.00273	-.00115	-.00272	-.00124	-.00158	-.00149

RUN NO. 734/ 0 RN/L = 8.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
20.000	-.945	.46701	-.00355	.06459	-.00122	.00321	.00103	.41801	.21719	1.92460	.65286
20.000	-.741	.46609	-.00252	.06505	-.00238	.00277	.00079	.41704	.21717	1.92040	.65206
20.000	-.339	.46151	.00053	.06546	-.00406	.00145	.00045	.41263	.21588	1.91140	.64965
20.000	-.110	.46273	-.00025	.06533	-.00505	.00086	.00021	.41381	.21622	1.91380	.65026
20.000	.167	.46266	-.00054	.06502	-.00630	-.00013	-.00005	.41382	.21598	1.91600	.65050
20.000	.511	.46227	-.00023	.06491	-.00811	-.00096	-.00057	.41350	.21572	1.91680	.65030
20.000	.803	.45979	.00046	.06409	-.00977	-.00193	-.00076	.41135	.21437	1.91890	.64968
	GRADIENT	-.00346	.00190	-.00030	-.00477	-.00296	-.00104	-.00318	-.00138	-.00242	-.00150

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (RKZ056) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 736/ 0 RN/L = 8.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
21.000	-1.061	.50756	-.00542	.06493	-.00195	.00389	.00111	.45201	.23892	1.89190	.65400
21.000	-.680	.50623	-.00398	.06477	-.00231	.00243	.00081	.45073	.23854	1.88960	.65296
21.000	-.382	.50459	-.00295	.06479	-.00395	.00144	.00058	.44919	.23799	1.88750	.65222
21.000	-.100	.50545	-.00382	.06482	-.00538	.00086	.00014	.44999	.23830	1.88830	.65285
21.000	.287	.50481	-.00330	.06460	-.00678	-.00042	-.00027	.44944	.23794	1.88890	.65248
21.000	.538	.50272	-.00141	.06439	-.00796	-.00119	-.00046	.44757	.23698	1.88860	.65110
21.000	.804	.50044	-.00187	.06389	-.00970	-.00202	-.00067	.44564	.23563	1.89130	.65145
	GRADIENT	-.00319	.00178	-.00046	-.00426	-.00309	-.00100	-.00286	-.00147	-.00036	-.00128

RUN NO. 737/ 0 RN/L = 8.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
23.000	-.938	.58747	-.00771	.06429	-.00513	.00388	.00124	.51715	.28522	1.81320	.65489
23.000	-.655	.59055	-.00789	.06391	-.00260	.00226	.00090	.52002	.28632	1.81620	.65498
23.000	-.393	.58909	-.00696	.06404	-.00433	.00179	.00051	.51866	.28581	1.81470	.65441
23.000	-.157	.58737	-.00608	.06418	-.00575	.00120	.00021	.51705	.28520	1.81300	.65387
23.000	.057	.58636	-.00520	.06416	-.00695	.00050	.00005	.51612	.28480	1.81220	.65333
23.000	.335	.58608	-.00548	.06394	-.00841	-.00037	-.00003	.51594	.28452	1.81340	.65351
23.000	.592	.58417	-.00468	.06373	-.00970	-.00116	-.00030	.51426	.28359	1.81340	.65302
23.000	.911	.58199	-.00378	.06363	-.01221	-.00162	-.00081	.51233	.28256	1.81310	.65246
	GRADIENT	-.00372	.00225	-.00028	-.00456	-.00291	-.00103	-.00331	-.00170	-.00086	-.00139

RUN NO. 733/ 0 RN/L = 8.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	CN	CLM	CA	CY	CYN	CBL	CL	CDF	L/DF	XCP
24.900	-1.463	.67162	-.01020	.06427	-.00033	.00460	.00262	.58341	.33825	1.72480	.65566
24.900	-1.091	.67442	-.01129	.06429	-.00128	.00342	.00186	.58602	.33927	1.72730	.65623
24.900	-.855	.67327	-.01117	.06394	-.00337	.00325	.00137	.58513	.33847	1.72880	.65617
24.900	-.577	.67272	-.01137	.06381	-.00508	.00259	.00097	.58471	.33805	1.72970	.65629
24.900	-.283	.67241	-.01123	.06367	-.00617	.00168	.00053	.58454	.33768	1.73100	.65621
24.900	.005	.67184	-.01071	.06346	-.00655	.00055	.00034	.58413	.33720	1.73230	.65593
24.900	.325	.66967	-.00985	.06331	-.00726	-.00070	.00013	.58223	.33615	1.73210	.65548
24.900	.639	.66632	-.00752	.06328	-.00898	-.00149	-.00030	.57915	.33486	1.72950	.65422
24.900	.928	.66468	-.00566	.06351	-.01078	-.00205	-.00072	.57751	.33447	1.72670	.65320
	GRADIENT	-.00341	.00187	-.00043	-.00418	-.00290	-.00130	-.00287	-.00191	.00129	-.00100

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ001) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 99/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-50.000	5.97740	4.54620	4.07400	251.29000	.16289	.16289	.00000	.00000	.13238	.77521
.000	-40.000	5.97820	4.53340	4.08450	252.09000	.16327	.47816	.07709	-.01253	.18910	.68761
.000	-30.000	5.97970	4.52510	4.08980	252.67000	.16340	.30651	.03499	-.00569	.10641	.71119
.000	-20.000	5.98090	4.52320	4.09620	253.28000	.16358	.21434	.01239	-.00201	.12490	.68265
.000	-10.000	5.98280	4.52620	4.10150	253.94000	.16369	.11839	-.01105	.00180	.10132	1.16770
.000	-8.000	5.98200	4.48830	4.07300	252.03000	.16260	.11627	-.01137	.00185	.09811	1.12150
.000	-6.000	5.98310	4.47610	4.07610	252.42000	.16267	.10904	-.01316	.00214	.09286	1.16000
.000	-4.000	5.98370	4.50410	4.08250	252.92000	.16289	.10831	-.01337	.00217	.08586	1.04250
.000	-2.000	5.98370	4.47990	4.08560	253.11000	.16301	.10823	-.01341	.00218	.07864	.98851
.000	.000	5.97130	4.54830	4.07490	250.29000	.16326	.10545	-.01419	.00231	.07239	.00000
.000	.000	5.98450	4.47280	4.08880	253.44000	.16310	.10584	-.01400	.00228	.07376	.00000
	GRADIENT	-.00158	.00286	-.00032	-.29636	.00007	-.00072	-.00020	.00003	-.00316	-.28186

RUN NO. 100/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
1.000	-50.000	5.97470	4.61670	4.08660	251.59000	.16354	.16354	.00000	.00000	.13063	.66777
1.000	-40.000	5.97470	4.63800	4.10450	252.70000	.16426	.49635	.08091	-.01315	.18714	.72849
1.000	-30.000	5.97880	4.64210	4.10980	253.75000	.16425	.37689	.05174	-.00841	.16499	.74879
1.000	-20.000	5.97840	4.65860	4.12040	254.33000	.16469	.30733	.03462	-.00563	.12364	.65870
1.000	-10.000	5.98050	4.62870	4.12250	254.82000	.16466	.15594	-.00212	.00034	.09950	.65345
1.000	-8.000	5.98250	4.61690	4.12250	255.19000	.16455	.14069	-.00579	.00094	.09617	.65384
1.000	-6.000	5.98060	4.56030	4.07300	251.78000	.16268	.12679	-.00881	.00143	.09056	.64590
1.000	-4.000	5.98120	4.49900	4.02660	249.02000	.16079	.11937	-.01029	.00167	.08398	.61410
1.000	-2.000	5.98290	4.49510	4.02760	249.38000	.16074	.12029	-.01004	.00163	.07773	.59204
1.000	.000	5.96830	4.59850	4.06010	248.52000	.16294	.10441	-.01442	.00234	.07252	.63691
1.000	.000	5.98170	4.49990	4.03500	249.63000	.16110	.12156	-.00980	.00159	.07263	.63293
	GRADIENT	-.00204	.01410	.00867	-.00136	.00034	-.00178	-.00051	.00008	-.00283	.00668

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ001) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 101/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
2.000	-50.000	5.97630	4.63210	4.10350	252.92000	.16413	.16413	.00000	.00000	.12955	.68896
2.000	-40.000	5.97980	4.64290	4.10350	253.53000	.16394	.48281	.07770	-.01263	.18641	.72788
2.000	-30.000	5.98070	4.64980	4.10880	254.02000	.16410	.33254	.04099	-.00666	.16598	.72821
2.000	-20.000	5.98160	4.60350	4.08560	252.75000	.16312	.29201	.03155	-.00513	.12328	.67810
2.000	-10.000	5.98580	4.54910	4.06460	252.17000	.16206	.13530	-.00658	.00107	.10003	.64797
2.000	-8.000	5.98700	4.55080	4.07090	252.78000	.16225	.13301	-.00718	.00117	.09721	.64799
2.000	-6.000	5.98780	4.54030	4.07090	252.92000	.16220	.12251	-.00975	.00158	.09135	.64109
2.000	-4.000	5.98720	4.53150	4.07520	253.08000	.16240	.12025	-.01034	.00168	.08430	.59226
2.000	-2.000	5.98820	4.53700	4.07520	253.25000	.16235	.11991	-.01041	.00169	.07892	.58409
2.000	.000	5.97010	4.67370	4.09810	251.51000	.16426	.09534	-.01681	.00273	.07383	.62256
2.000	.000	5.98910	4.55000	4.07520	253.41000	.16230	.11762	-.01097	.00178	.07410	.61679
	GRADIENT	-.00212	.02166	.00312	-.17682	.00024	-.00374	-.00096	.00016	-.00257	.00785

RUN NO. 102/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
3.000	-50.000	5.98460	4.58410	4.06670	252.09000	.16221	.16221	.00000	.00000	.12721	.69348
3.000	-40.000	5.98440	4.62160	4.08040	252.92000	.16276	.55742	.09672	-.01572	.18359	.71353
3.000	-30.000	5.98610	4.59150	4.08250	253.33000	.16276	.37572	.05216	-.00848	.16578	.72540
3.000	-20.000	5.98820	4.52430	4.04350	251.29000	.16109	.26273	.02514	-.00409	.12560	.68791
3.000	-10.000	5.98820	4.52080	4.04990	251.67000	.16134	.14349	-.00441	.00072	.10015	.65141
3.000	-8.000	5.98950	4.51160	4.05410	252.17000	.16144	.13980	-.00534	.00087	.09781	.65330
3.000	-6.000	5.99100	4.53380	4.05310	252.36000	.16132	.12660	-.00856	.00139	.08998	.62438
3.000	-4.000	5.99160	4.52260	4.05410	252.53000	.16133	.12337	-.00936	.00152	.08409	.58965
3.000	-2.000	5.99310	4.51490	4.05520	252.86000	.16129	.12171	-.00976	.00159	.07961	.60635
3.000	.000	5.97800	4.50830	4.01390	247.69000	.16045	.11024	-.01251	.00203	.07519	.61967
3.000	.000	5.99420	4.51640	4.05730	253.19000	.16131	.11941	-.01033	.00168	.07510	.62030
	GRADIENT	-.00157	-.00245	-.00510	-.58500	-.00012	-.00226	-.00054	.00009	-.00224	.00751

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ001) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 103/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
5.000	-50.000	5.98450	4.47720	3.98020	246.72000	.15876	.15876	.00000	.00000	.12871	.69343
5.000	-40.000	5.98770	4.46400	3.98760	247.72000	.15889	.52442	.09167	-.01490	.18465	.70819
5.000	-30.000	5.98680	4.45130	3.99390	247.97000	.15919	.39238	.05588	-.00908	.16816	.72188
5.000	-20.000	5.98840	4.44230	4.00030	248.63000	.15936	.26899	.02740	-.00445	.12775	.69068
5.000	-10.000	5.99020	4.42880	4.00140	249.02000	.15930	.12566	-.00841	.00137	.10169	.65724
5.000	-8.000	5.98840	4.45140	4.01720	249.68000	.16003	.11315	-.01167	.00190	.09736	.64748
5.000	-6.000	5.98940	4.43540	4.01080	249.46000	.15972	.11210	-.01187	.00193	.09035	.62698
5.000	-4.000	5.99110	4.43950	4.01090	249.76000	.15963	.11173	-.01194	.00194	.08554	.63047
5.000	-2.000	5.99120	4.39530	3.96550	246.94000	.15783	.10759	-.01267	.00206	.08239	.63718
5.000	.000	5.97740	4.55260	4.07080	251.09000	.16276	.11196	-.01248	.00203	.07651	.62242
5.000	.000	5.99070	4.38970	3.96870	247.05000	.15798	.10497	-.01336	.00217	.07667	.62201
	GRADIENT	-.00193	.01064	.00448	-.06000	.00023	-.00070	-.00023	.00004	-.00230	-.00256

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 90/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-2.000	5.96510	4.53960	4.07170	249.01000	.16347	.10268	-.01493	.00243	.07541	.00000
.000	-2.000	5.98950	4.42910	4.02460	250.34000	.16026	.10111	-.01470	.00239	.07599	.00000
.000	.000	5.95670	4.48130	4.03690	247.16000	.16198	.09865	-.01544	.00251	.07076	.00000
.000	10.000	5.96930	4.44640	3.99480	246.03000	.16016	.10658	-.01341	.00218	.05983	.00000
.000	20.000	5.97390	4.43820	3.99480	245.80000	.15992	.07405	-.02149	.00349	.05790	.00000
.000	25.000	5.97390	4.44680	4.00220	246.27000	.16021	.06804	-.02303	.00374	.05661	.00000
.000	30.000	5.97670	4.42700	3.99800	246.49000	.15989	.07138	-.02214	.00360	.05853	.00000
	GRADIENT	-.00530	-.00152	-.00563	-1.25750	.00006	-.00112	-.00031	.00005	-.00247	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 91/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	-2.000	5.98530	4.35480	3.95490	245.28000	.15771	.10220	-.01404	.00228	.07685	.46409
-1.000	.000	5.98370	4.35370	3.95700	245.14000	.15788	.10335	-.01378	.00224	.07182	.54981
-1.000	10.000	5.98220	4.36210	3.95170	244.56000	.15775	.10133	-.01428	.00232	.05999	.47425
-1.000	20.000	5.98140	4.36280	3.95380	244.56000	.15787	.06976	-.02228	.00362	.05786	.38463
-1.000	25.000	5.97980	4.38160	3.95060	244.09000	.15783	.06818	-.02269	.00369	.05725	.18162
-1.000	30.000	5.97790	4.44020	4.00540	247.15000	.16012	.06987	-.02253	.00366	.05824	.15706
	GRADIENT	-.00080	-.00055	.00105	-.07000	.00008	.00058	.00013	-.00002	-.00252	.04286

RUN NO. 93/ 0 RN/L = 4.61 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	-2.000	5.96490	4.64770	4.12020	251.95000	.16543	.10512	-.01464	.00238	.07777	.54131
-2.000	-2.000	5.98900	4.56520	4.11740	256.02000	.16399	.10352	-.01469	.00239	.07863	.54256
-2.000	.000	5.96730	4.61540	4.12970	252.95000	.16568	.10560	-.01455	.00236	.07337	.57867
-2.000	10.000	5.97060	4.56360	4.11080	252.36000	.16474	.09729	-.01641	.00267	.05964	.52327
-2.000	20.000	5.97360	4.61400	4.11710	253.28000	.16483	.07049	-.02291	.00372	.05718	.46744
-2.000	25.000	5.97570	4.63850	4.12030	253.86000	.16484	.05961	-.02554	.00415	.05710	.39029
-2.000	30.000	5.97730	4.61690	4.10770	253.36000	.16424	.07025	-.02288	.00372	.05879	.34877
	GRADIENT	-.00482	.00447	.00545	-.51750	.00048	.00054	.00006	-.00001	-.00242	.01837

RUN NO. 94/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-3.000	-2.000	5.98720	4.58160	4.11840	255.77000	.16413	.10808	-.01361	.00221	.07926	.58617
-3.000	.000	5.98610	4.58450	4.11840	255.57000	.16419	.10861	-.01349	.00219	.07531	.60125
-3.000	10.000	5.98460	4.57290	4.11730	255.24000	.16422	.09375	-.01712	.00278	.06028	.54167
-3.000	20.000	5.98290	4.60000	4.11830	254.99000	.16436	.06822	-.02335	.00379	.05723	.49703
-3.000	25.000	5.98220	4.55250	4.10670	254.16000	.16393	.05948	-.02543	.00413	.05804	.43988
-3.000	30.000	5.98130	4.57330	4.10460	253.86000	.16390	.06871	-.02319	.00377	.05883	.40107
	GRADIENT	-.00055	.00145	.00000	-.10000	.00003	.00027	.00006	-.00001	-.00197	.00754

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ002) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 95/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-5.000	-2.000	5.97320	4.57150	4.10340	252.36000	.16430	.11678	-.01158	.00188	.07993	.61572
-5.000	-2.000	5.99020	4.49010	4.06150	252.75000	.16170	.11937	-.01042	.00169	.08090	.61633
-5.000	.000	5.99060	4.49360	4.05520	252.42000	.16143	.11716	-.01091	.00177	.07553	.60517
-5.000	10.000	5.98720	4.48310	4.05930	252.09000	.16178	.09133	-.01735	.00282	.06054	.56108
-5.000	20.000	5.98630	4.48650	4.04880	251.29000	.16140	.05922	-.02524	.00410	.05816	.50793
-5.000	25.000	5.98230	4.49650	4.04770	250.51000	.16158	.06399	-.02411	.00392	.05815	.47666
-5.000	30.000	5.98060	4.51050	4.04340	249.96000	.16150	.07121	-.02233	.00363	.06012	.46789
	GRADIENT	.00445	-.01860	-.01362	-.06750	-.00079	-.00046	.00004	-.00001	-.00245	-.00543

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 109/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-50.000	5.97070	4.49810	4.09920	251.67000	.16427	.16427	.00000	.00000	.12050	.74732
.000	-40.000	5.97260	4.50310	4.07500	250.51000	.16319	478.09000	117.28000	-19.06400	19.23500	.63194
.000	-30.000	5.97530	4.55720	4.08340	251.51000	.16338	39977	.05789	-.00941	.16986	.65253
.000	-20.000	5.97700	4.56650	4.08660	252.00000	.16342	.27739	.02789	-.00453	.12823	.34951
.000	-10.000	5.98020	4.55650	4.08560	252.50000	.16320	.13977	-.00573	.00093	.10256	1.18420
.000	-8.000	5.98040	4.53540	4.07290	251.75000	.16268	.13155	-.00764	.00124	.09895	1.25570
.000	-6.000	5.98120	4.51590	4.06140	251.17000	.16218	.11771	-.01095	.00178	.09355	1.30940
.000	-4.000	5.98270	4.51040	4.06030	251.37000	.16206	.11041	-.01272	.00207	.08704	1.06650
.000	-2.000	5.98250	4.50560	4.06350	251.54000	.16219	.10546	-.01396	.00227	.07930	.98690
.000	.000	5.96580	4.60250	4.08330	249.85000	.16390	.10242	-.01506	.00245	.07326	.00000
.000	.000	5.98260	4.50340	4.06140	251.42000	.16210	.10405	-.01403	.00232	.07415	.00000
	GRADIENT	-.00231	.01182	.00314	-.20818	.00025	-.00173	-.00048	.00008	-.00329	-.28725

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 935.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 108/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
1.000	-50.000	5.97900	4.45450	4.00970	247.61000	.16023	.16023	.00000	.00000	.12663	.68846
1.000	-40.000	5.98030	4.46540	4.01600	248.22000	.16042	.59274	.10765	-.01750	.19023	.77743
1.000	-30.000	5.98190	4.45710	4.01290	248.30000	.16020	.38689	.05649	-.00918	.17007	.77471
1.000	-20.000	5.98260	4.45810	4.01180	248.35000	.16013	.26739	.02674	-.00435	.12691	.73281
1.000	-10.000	5.98490	4.42140	4.01080	248.68000	.15996	.12947	-.00760	.00124	.10202	.70771
1.000	-8.000	5.98590	4.43050	4.01400	249.05000	.16004	.12441	-.00888	.00144	.09811	.70089
1.000	-6.000	5.98770	4.42400	4.01820	249.63000	.16011	.11495	-.01124	.00183	.09275	.69427
1.000	-4.000	5.98780	4.42690	4.01930	249.71000	.16014	.10869	-.01280	.00208	.08575	.65851
1.000	-2.000	5.98740	4.43600	4.02140	249.76000	.16025	.10605	-.01348	.00219	.07946	.62373
1.000	.000	5.97280	4.37520	3.97580	244.45000	.15921	.09994	-.01491	.00242	.07314	.67233
1.000	.000	5.98980	4.40890	4.01510	249.79000	.15987	.10171	-.01449	.00235	.07417	.65988
	GRADIENT	-.00175	-.00992	-.00660	-.70864	-.00017	-.00202	-.00049	.00008	-.00301	.00365

RUN NO. 107/ 0 RN/L = 4.50 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
2.000	-50.000	5.97650	4.52970	4.07610	251.26000	.16302	.16302	.00000	.00000	.12380	.70138
2.000	-40.000	5.97760	4.48240	4.04340	249.43000	.16166	.59720	.10772	-.01751	.18999	.73970
2.000	-30.000	5.97970	4.47420	4.05920	250.79000	.16217	.38362	.05455	-.00887	.16880	.75223
2.000	-20.000	5.98310	4.49740	4.08560	253.00000	.16305	.27349	.02703	-.00439	.12718	.71502
2.000	-10.000	5.98540	4.50580	4.09830	254.19000	.16343	.12909	-.00838	.00136	.10178	.68590
2.000	-8.000	5.98390	4.50900	4.10990	254.66000	.16397	.12361	-.00982	.00160	.09815	.68497
2.000	-6.000	5.98570	4.50350	4.10680	254.77000	.16375	.11791	-.01116	.00181	.09283	.67663
2.000	-4.000	5.98550	4.51290	4.11410	255.19000	.16405	.10872	-.01345	.00219	.08488	.62585
2.000	-2.000	5.98570	4.52970	4.11730	255.44000	.16416	.10485	-.01441	.00234	.07999	.61437
2.000	.000	5.96930	4.42330	3.98320	244.32000	.15969	.10095	-.01475	.00240	.07449	.64970
2.000	.000	5.98640	4.51540	4.11420	255.35000	.16400	.10709	-.01383	.00225	.07518	.64286
	GRADIENT	-.00210	-.01264	-.01798	-1.47182	-.00061	-.00111	-.00019	.00003	-.00252	.00609

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ003) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 106/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
3.000	-50.000	5.97890	4.50200	4.08030	251.95000	.16306	.16306	.00000	.00000	.12679	.70415
3.000	-40.000	5.98140	4.48920	4.09620	253.36000	.16356	.55203	.09484	-.01542	.18849	.73253
3.000	-30.000	5.98390	4.51450	4.10460	254.33000	.16376	.36563	.04918	-.00799	.16944	.75152
3.000	-20.000	5.98490	4.51500	4.12780	255.93000	.16463	.24940	.02054	-.00334	.12747	.71954
3.000	-10.000	5.98710	4.41080	4.04140	250.95000	.16107	.12235	-.00958	.00156	.10257	.68745
3.000	-8.000	5.98720	4.41930	4.04980	251.51000	.16139	.12010	-.01020	.00166	.09994	.68736
3.000	-6.000	5.98860	4.43380	4.04770	251.62000	.16124	.11301	-.01191	.00194	.09151	.65800
3.000	-4.000	5.99000	4.43510	4.03930	251.34000	.16083	.10835	-.01299	.00211	.08556	.62436
3.000	-2.000	5.98990	4.37420	3.96550	246.72000	.15789	.10830	-.01251	.00203	.08075	.63050
3.000	.000	5.97520	4.43040	4.01800	247.47000	.16077	.10382	-.01417	.00230	.07563	.65052
3.000	.000	5.99190	4.34780	3.95080	246.14000	.15720	.10636	-.01287	.00209	.07609	.64554
	GRADIENT	-.00175	-.00978	-.01162	-1.02682	-.00037	-.00089	-.00017	.00003	-.00243	.00618

RUN NO. 105/ 0 RN/L = 4.33 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
5.000	-50.000	5.97150	4.32980	3.92940	241.38000	.15742	.15742	.00000	.00000	.12700	.71798
5.000	-40.000	5.97350	4.36650	3.98110	244.90000	.15939	.55559	.09952	-.01618	.18748	.72623
5.000	-30.000	5.97710	4.35840	3.97060	244.87000	.15877	.37176	.05364	-.00872	.17014	.74464
5.000	-20.000	5.97870	4.33730	3.95590	244.23000	.15810	.26548	.02715	-.00441	.12990	.71822
5.000	-10.000	5.98090	4.32100	3.94850	244.15000	.15769	.13338	-.00616	.00100	.10275	.68360
5.000	-8.000	5.98290	4.30550	3.93590	243.71000	.15708	.11932	-.00959	.00156	.09851	.67259
5.000	-6.000	5.98330	4.30220	3.93270	243.57000	.15693	.11422	-.01086	.00177	.09027	.65305
5.000	-4.000	5.98490	4.29210	3.92960	243.65000	.15672	.11464	-.01071	.00174	.08611	.65618
5.000	-2.000	5.98560	4.29000	3.91800	243.04000	.15623	.10587	-.01285	.00209	.08328	.66527
5.000	.000	5.96430	4.39880	3.93670	240.64000	.15809	.10312	-.01397	.00227	.07714	.65251
5.000	.000	5.98610	4.32060	3.91690	243.07000	.15615	.10533	-.01297	.00211	.07791	.65184
	GRADIENT	-.00268	.01853	-.00024	-.46182	.00013	-.00244	-.00065	.00011	-.00221	-.00151

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ004) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 88/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-2.000	5.96800	4.47720	4.06650	249.20000	.16310	.10166	-.01511	.00246	.07590	.00000
.000	-2.000	5.99060	4.54920	4.08260	254.13000	.16252	.10303	-.01457	.00237	.07676	.00000
.000	.000	5.97140	4.48630	4.04440	248.43000	.16203	.09848	-.01571	.00255	.07136	.00000
.000	10.000	5.97430	4.50600	4.05920	249.84000	.16247	.10781	-.01346	.00219	.06010	.00000
.000	20.000	5.97740	4.47940	4.06130	250.51000	.16238	.07703	-.02102	.00342	.05802	.00000
.000	25.000	5.97910	4.49090	4.06130	250.81000	.16229	.06944	-.02286	.00372	.05657	.00000
.000	30.000	5.98020	4.46640	4.06240	251.06000	.16228	.07139	-.02237	.00364	.05835	.00000
	GRADIENT	-.00395	-.01345	-.01507	-1.61750	-.00039	-.00193	-.00044	.00007	-.00249	.00000

RUN NO. 89/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	-2.000	5.98810	4.60280	4.14160	257.35000	.16501	.10696	-.01401	.00228	.07794	.47584
-1.000	.000	5.99150	4.61200	4.17330	259.94000	.16608	.10596	-.01441	.00234	.07260	.55264
-1.000	10.000	5.99040	4.52760	4.13320	257.24000	.16454	.10514	-.01437	.00234	.06033	.48732
-1.000	20.000	5.98640	4.39920	4.01710	249.34000	.16013	.06916	-.02265	.00368	.05789	.42587
-1.000	25.000	5.98460	4.40860	4.01710	249.01000	.16023	.06959	-.02256	.00367	.05707	.10503
-1.000	30.000	5.98280	4.40990	4.01710	248.71000	.16033	.07112	-.02221	.00361	.05680	.21223
	GRADIENT	.00170	.00460	.01565	1.29500	.00054	-.00050	-.00019	.00003	-.00267	.03840

RUN NO. 86/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	-2.000	5.95750	4.38370	4.09270	248.99000	.16473	.10518	-.01455	.00237	.07908	.54636
-2.000	-2.000	5.97880	4.46090	4.07290	251.47000	.16277	.10521	-.01413	.00230	.07920	.54565
-2.000	.000	5.96050	4.50020	4.15390	253.24000	.16703	.10700	-.01445	.00235	.07418	.58671
-2.000	10.000	5.96430	4.40630	4.03270	246.50000	.16195	.09817	-.01582	.00257	.06004	.53946
-2.000	20.000	5.96850	4.49200	4.09490	251.04000	.16422	.06691	-.02376	.00386	.05709	.45202
-2.000	25.000	5.96880	4.53040	4.11390	252.24000	.16496	.05913	-.02573	.00418	.05716	.37752
-2.000	30.000	5.97200	4.54280	4.11920	253.13000	.16500	.07400	-.02209	.00359	.05868	.37058
	GRADIENT	-.00382	.03895	.03555	1.50500	.00164	.00090	-.00005	.00001	-.00248	.02035

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ004) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 87/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-3.000	-2.000	5.97730	4.47630	4.07080	251.08000	.16277	.10751	-.01357	.00221	.07972	.59691
-3.000	.000	5.97650	4.47360	4.06870	250.81000	.16273	.10862	-.01330	.00216	.07547	.61498
-3.000	10.000	5.97640	4.48320	4.06340	250.47000	.16252	.09506	-.01636	.00266	.06036	.56239
-3.000	20.000	5.97660	4.53750	4.07820	251.41000	.16310	.06852	-.02319	.00377	.05706	.49819
-3.000	25.000	5.97410	4.56120	4.11190	253.04000	.16459	.06178	-.02500	.00406	.05794	.44672
-3.000	30.000	5.97430	4.54730	4.12240	253.74000	.16500	.07326	-.02225	.00362	.05857	.42401
	GRADIENT	-.00040	-.00135	-.00105	-.13500	-.00002	.00056	.00014	-.00002	-.00213	.00903

RUN NO. 85/ 0 RN/L = 4.40 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-5.000	-2.000	5.96790	4.46990	4.06220	248.93000	.16294	.11996	-.01058	.00172	.08070	.63872
-5.000	-2.000	5.98080	4.37600	4.01920	248.49000	.16052	.11575	-.01114	.00181	.08037	.63699
-5.000	.000	5.98180	4.36070	4.00970	248.07000	.16009	.11575	-.01106	.00180	.07505	.62310
-5.000	10.000	5.97690	4.36460	4.00960	247.24000	.16034	.09213	-.01701	.00277	.06053	.58235
-5.000	20.000	5.97460	4.37870	4.00850	246.77000	.16043	.05807	-.02553	.00415	.05788	.51849
-5.000	25.000	5.97600	4.41860	4.04230	249.09000	.16170	.06112	-.02488	.00404	.05787	.48515
-5.000	30.000	5.97280	4.43090	4.03910	248.35000	.16175	.07411	-.02170	.00353	.05956	.47926
	GRADIENT	.00372	-.03112	-.01550	-.32000	-.00082	-.00105	-.00010	.00002	-.00274	-.00738

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ005) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 53/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96180	4.46820	4.08750	249.40000	.16429	.08387	-.01968	.00320	.05646	.00000
.000	20.000	5.97260	4.48700	4.09290	251.61000	.16391	.08045	-.02039	.00331	.05869	.00000
.000	25.000	5.97170	4.47900	4.08860	251.20000	.16379	.08561	-.01912	.00311	.05709	.00000
.000	30.000	5.97130	4.44430	4.08130	250.68000	.16352	.08953	-.01813	.00295	.05672	.00000
.000	35.000	5.96670	4.45310	4.08330	250.01000	.16385	.09067	-.01792	.00291	.05624	.00000
.000	40.000	5.96650	4.44610	4.08120	249.84000	.16378	.08554	-.01917	.00312	.05563	.00000
.000	40.000	5.96390	4.49930	4.12120	251.83000	.16553	.08597	-.01931	.00314	.05513	.00000
.000	40.000	5.97320	4.44540	4.06760	250.17000	.16286	.08790	-.01843	.00300	.05580	.00000
.000	45.000	5.97270	4.48420	4.09080	251.50000	.16382	.07353	-.02207	.00359	.05324	.00000
.000	45.000	5.96480	4.53910	4.12550	252.25000	.16565	.07805	-.02123	.00345	.05295	.00000
.000	50.000	5.97070	4.49810	4.08860	251.03000	.16384	.08691	-.01882	.00306	.05034	.00000
.000	55.000	5.97080	4.55170	4.09390	251.36000	.16405	.09954	-.01576	.00256	.04770	.00000
.000	60.000	5.96980	4.55560	4.11600	252.55000	.16499	.12147	-.01057	.00172	.04535	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 68/ 0 RN/L = 4.51 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	20.000	5.95770	4.58580	4.07900	248.19000	.16417	.09173	-.01776	.00289	.05747	.40662
-1.000	20.000	5.98040	4.49620	4.08980	252.80000	.16336	.09220	-.01740	.00283	.05840	.33801
-1.000	25.000	5.97870	4.51120	4.08980	252.50000	.16345	.08635	-.01885	.00306	.05739	-.55807
-1.000	30.000	5.97720	4.50050	4.08560	251.97000	.16336	.08529	-.01911	.00311	.05707	-1.12080
-1.000	40.000	5.97580	4.50200	4.08240	251.53000	.16331	.08563	-.01903	.00309	.05823	17.03700
-1.000	50.000	5.97360	4.51420	4.07500	250.70000	.16314	.08685	-.01872	.00304	.05349	2.13080
-1.000	60.000	5.97030	4.47340	4.07280	249.98000	.16323	.11715	-.01132	.00184	.04560	1.50250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ005) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 54/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	20.000	5.96710	4.46370	4.09700	250.92000	.16438	.09162	-.01776	.00289	.05757	.43924
-2.000	20.000	5.97770	4.45990	4.09400	252.57000	.16368	.09525	-.01671	.00272	.05807	.42305
-2.000	25.000	5.97810	4.44350	4.08870	252.32000	.16344	.08000	-.02041	.00332	.05809	.33271
-2.000	30.000	5.97520	4.45140	4.09130	251.36000	.16330	.07650	-.02127	.00346	.05714	.24313
-2.000	35.000	5.97430	4.44250	4.08020	251.14000	.16331	.08880	-.01826	.00297	.05867	.26608
-2.000	40.000	5.97170	4.45750	4.07920	250.61000	.16341	.07719	-.02114	.00344	.05596	.00038
-2.000	40.000	5.96490	4.34110	3.95040	241.57000	.15861	.07614	-.02088	.00339	.05567	.14121
-2.000	40.000	5.97790	4.39350	4.02760	248.51000	.16101	.08033	-.02003	.00326	.05833	-.04537
-2.000	45.000	5.97660	4.38910	4.02440	248.10000	.16095	.07863	-.02045	.00332	.05405	-.12067
-2.000	45.000	5.97220	4.47120	4.07180	250.26000	.16308	.07358	-.02198	.00357	.05339	-.00320
-2.000	50.000	5.97490	4.40390	4.02440	247.79000	.16104	.07892	-.02041	.00332	.05075	-.33596
-2.000	55.000	5.97160	4.41230	4.02010	246.96000	.16105	.09577	-.01624	.00264	.04840	-.93771
-2.000	60.000	5.96870	4.38900	4.00420	245.50000	.16057	.11810	-.01061	.00172	.04574	-1.11100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 66/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-3.000	20.000	5.97100	4.34250	4.02850	247.38000	.16142	.08869	-.01805	.00293	.05799	.48059
-3.000	20.000	5.98360	4.43720	4.07510	252.44000	.16260	.09435	-.01675	.00272	.05823	.45618
-3.000	25.000	5.98270	4.44030	4.07300	252.16000	.16256	.07616	-.02121	.00345	.05890	.40530
-3.000	30.000	5.98170	4.46360	4.07190	251.91000	.16257	.08012	-.02025	.00329	.05764	.33859
-3.000	40.000	5.98040	4.47460	4.07190	251.69000	.16264	.07861	-.02064	.00335	.05627	.26351
-3.000	50.000	5.97950	4.46740	4.06870	251.34000	.16256	.07972	-.02036	.00331	.05083	.11018
-3.000	60.000	5.97800	4.42790	4.05820	250.42000	.16223	.12076	-.01022	.00166	.04631	-.08801
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 69/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-5.000	20.000	5.96650	4.64270	4.08960	250.36000	.16411	.08375	-.01965	.00319	.05860	.51219
-5.000	20.000	5.98390	4.36330	3.99390	247.46000	.15934	.08565	-.01845	.00300	.05872	.50171
-5.000	25.000	5.98270	4.36520	3.99180	247.13000	.15932	.07427	-.02131	.00346	.05926	.45395
-5.000	30.000	5.98240	4.38390	3.99490	247.27000	.15946	.07817	-.02035	.00331	.05818	.43476
-5.000	40.000	5.98000	4.38140	3.99070	246.60000	.15942	.07184	-.02194	.00357	.05607	.38117
-5.000	50.000	5.97790	4.38800	3.98640	245.97000	.15937	.08070	-.01973	.00321	.05079	.28108
-5.000	55.000	5.97640	4.39170	3.98110	245.39000	.15923	.09879	-.01518	.00247	.04875	.21357
-5.000	60.000	5.97440	4.42600	4.00220	246.36000	.16018	.12455	-.00890	.00145	.04599	.20206
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ006) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 110/ 0 RN/L = 4.53 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-50.000	5.97260	4.58990	4.09820	251.95000	.16412	.16412	.00000	.00000	.13983	.69899
.000	-40.000	5.97500	4.57500	4.07390	250.87000	.16302	478.13000	117.32000	-19.07100	19.26300	.49012
.000	-30.000	5.97630	4.57190	4.07290	251.04000	.16291	.41508	.06192	-.01006	.18722	.32692
.000	-20.000	5.97880	4.54980	4.07080	251.34000	.16269	.28361	.02971	-.00483	.14450	1.93440
.000	-10.000	5.97980	4.53090	4.06660	251.26000	.16246	.13965	-.00561	.00091	.11274	1.14980
.000	-8.000	5.97900	4.53000	4.07290	251.51000	.16276	.14193	-.00514	.00084	.10712	1.21230
.000	-6.000	5.97920	4.50080	4.05080	250.18000	.16186	.12929	-.00804	.00131	.10052	1.19470
.000	-4.000	5.97970	4.49380	4.04130	249.68000	.16146	.12343	-.00941	.00153	.09277	1.08390
.000	-2.000	5.98090	4.47570	4.03710	249.63000	.16123	.12462	-.00907	.00147	.08400	1.01960
.000	.000	5.96430	4.50520	4.03900	246.89000	.16220	.10291	-.01468	.00239	.07807	.00000
.000	.000	5.98100	4.46840	4.03920	249.76000	.16131	.11859	-.01050	.00172	.07864	.00000
	GRADIENT	-.00198	-.00109	-.00041	-.36727	.00009	-.00351	-.00089	.00015	-.00353	-.29269

RUN NO. 111/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
2.000	-50.000	5.97270	4.42040	3.98320	244.90000	.15951	.15951	.00000	.00000	.14245	.73323
2.000	-40.000	5.97480	4.39750	3.98640	245.45000	.15953	.60684	.11221	-.01824	.20974	.75986
2.000	-30.000	5.97720	4.36160	3.98430	245.73000	.15932	.39429	.05897	-.00959	.18497	.76181
2.000	-20.000	5.97910	4.41420	3.99590	246.78000	.15968	.27228	.02818	-.00458	.14214	.76362
2.000	-10.000	5.98290	4.43160	3.99810	247.55000	.15956	.13302	-.00664	.00108	.11209	.73103
2.000	-8.000	5.98300	4.42530	3.99600	247.44000	.15947	.13022	-.00732	.00119	.10700	.72187
2.000	-6.000	5.98300	4.42590	3.99600	247.44000	.15947	.12255	-.00924	.00150	.09950	.71209
2.000	-4.000	5.98370	4.40260	3.99280	247.36000	.15931	.11466	-.01118	.00182	.09183	.67260
2.000	-2.000	5.98420	4.40860	3.99390	247.52000	.15932	.11306	-.01158	.00188	.08579	.65390
2.000	.000	5.96970	4.48870	4.05590	248.85000	.16259	.11197	-.01248	.00203	.07904	.69549
2.000	.000	5.98480	4.40490	3.99290	247.55000	.15925	.11365	-.01142	.00186	.08027	.68607
	GRADIENT	-.00178	.01178	.00857	.22182	.00044	-.00043	-.00019	.00003	-.00305	.00581

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ007) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 80/ 0 RN/L = 4.59 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-2.000	5.96730	4.58160	4.08750	250.37000	.16399	.09976	-.01571	.00255	.08139	.00000
.000	.000	5.96910	4.57940	4.10760	251.91000	.16469	.10135	-.01542	.00251	.07612	.00000
.000	10.000	5.97520	4.56630	4.08660	251.69000	.16351	.10782	-.01363	.00221	.06316	.00000
.000	20.000	5.97930	4.58500	4.11720	254.29000	.16451	.07412	-.02196	.00357	.05963	.00000
.000	25.000	5.98150	4.59480	4.11410	254.48000	.16427	.06988	-.02294	.00373	.05724	.00000
.000	30.000	5.98340	4.60890	4.13420	256.06000	.16497	.07344	-.02214	.00360	.05904	.00000
	GRADIENT	.00090	-.00110	.01005	.77000	.00035	.00080	.00015	-.00002	-.00263	.00000

RUN NO. 81/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	-2.000	5.98840	4.43390	4.02240	250.00000	.16024	.10341	-.01413	.00230	.08355	.48154
-1.000	.000	5.98880	4.43320	4.02140	250.00000	.16018	.10217	-.01443	.00234	.07727	.57585
-1.000	10.000	5.98840	4.42130	4.01290	249.42000	.15986	.10038	-.01482	.00241	.06371	.45923
-1.000	20.000	5.98480	4.41000	3.99600	247.74000	.15938	.06868	-.02270	.00369	.05937	.35389
-1.000	25.000	5.98510	4.52440	4.07930	252.96000	.16269	.07425	-.02168	.00352	.05777	-.02128
-1.000	30.000	5.98470	4.55390	4.10040	254.20000	.16355	.07063	-.02266	.00368	.05760	.29496
	GRADIENT	.00020	-.00035	-.00050	.00000	-.00003	-.00062	-.00015	.00002	-.00314	.04716

RUN NO. 82/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	-2.000	5.96980	4.61560	4.13710	253.85000	.16584	.10030	-.01584	.00257	.08500	.56291
-2.000	.000	5.97240	4.52590	4.08340	251.00000	.16354	.09993	-.01558	.00253	.07921	.61486
-2.000	10.000	5.97380	4.45790	4.05070	249.23000	.16216	.09947	-.01548	.00252	.06387	.57144
-2.000	20.000	5.97630	4.48180	4.04340	249.20000	.16173	.07442	-.02159	.00351	.05845	.39336
-2.000	25.000	5.97640	4.41090	4.01380	247.40000	.16054	.06547	-.02369	.00385	.05841	.38110
-2.000	30.000	5.97840	4.40010	4.01490	247.82000	.16047	.07593	-.02106	.00342	.05897	.42313
	GRADIENT	.00130	-.04485	-.02685	-1.42500	-.00115	-.00018	.00013	-.00002	-.00290	.02597

RUN NO. 83/ 0 RN/L = 4.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-3.000	-2.000	5.98680	4.39460	4.04250	250.98000	.16112	.12152	-.00980	.00159	.08490	.62376
-3.000	.000	5.98780	4.38110	4.03300	250.55000	.16069	.11946	-.01022	.00166	.08079	.64277
-3.000	10.000	5.98520	4.37990	4.02870	249.84000	.16056	.10567	-.01365	.00222	.06260	.60213
-3.000	20.000	5.98240	4.37990	4.02970	249.43000	.16065	.06029	-.02496	.00406	.05792	.48897
-3.000	25.000	5.98350	4.34560	4.02130	249.09000	.16046	.05789	-.02551	.00415	.05900	.46369
-3.000	30.000	5.98040	4.38610	4.01920	248.43000	.16054	.07610	-.02101	.00341	.05775	.45716
	GRADIENT	.00050	-.00675	-.00475	-.21500	-.00021	-.00103	-.00021	.00003	-.00205	.00950

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ007) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 84/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-5.000	-2.000	5.96520	4.40800	4.01160	245.36000	.16105	.12349	-.00936	.00152	.08718	.66803
-5.000	-2.000	5.98030	4.35480	4.00330	247.43000	.15991	.11751	-.01059	.00172	.08688	.66815
-5.000	.000	5.97940	4.37720	4.00330	247.27000	.15996	.11458	-.01134	.00184	.08080	.65923
-5.000	10.000	5.97860	4.42610	4.04660	249.81000	.16173	.09043	-.01762	.00286	.06368	.62233
-5.000	20.000	5.97880	4.45320	4.06770	251.14000	.16256	.05269	-.02701	.00439	.05921	.53513
-5.000	25.000	5.97680	4.48950	4.08130	251.63000	.16322	.06257	-.02466	.00401	.05904	.50231
-5.000	30.000	5.97840	4.45830	4.06870	251.14000	.16263	.07422	-.02173	.00353	.06091	.50373
	GRADIENT	.00332	-.00210	-.00208	.43750	-.00026	-.00296	-.00068	.00011	-.00311	-.00443

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ008) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 55/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96220	4.37670	4.01050	244.78000	.16117	.08563	-.01883	.00306	.05978	.00000
.000	20.000	5.97430	4.40630	4.04120	248.74000	.16175	.08339	-.01939	.00315	.05987	.00000
.000	25.000	5.97200	4.39140	4.04330	248.46000	.16196	.08552	-.01890	.00307	.05783	.00000
.000	30.000	5.97010	4.41800	4.04540	248.27000	.16214	.09049	-.01771	.00288	.05706	.00000
.000	35.000	5.96910	4.40950	4.04330	247.97000	.16211	.09047	-.01772	.00288	.05661	.00000
.000	40.000	5.96820	4.42230	4.04220	247.74000	.16212	.08550	-.01895	.00308	.05568	.00000
.000	40.000	5.96620	4.41410	4.04960	247.85000	.16252	.08570	-.01897	.00308	.05511	.00000
.000	40.000	5.97660	4.45340	4.07290	251.08000	.16289	.08962	-.01799	.00292	.05571	.00000
.000	45.000	5.97520	4.45220	4.07180	250.78000	.16292	.07456	-.02170	.00353	.05349	.00000
.000	45.000	5.96860	4.39210	4.02530	246.78000	.16142	.07823	-.02067	.00336	.05307	.00000
.000	50.000	5.97210	4.44860	4.07280	250.31000	.16313	.08832	-.01837	.00299	.05042	.00000
.000	55.000	5.97140	4.44720	4.06540	249.73000	.16288	.09964	-.01556	.00253	.04760	.00000
.000	60.000	5.96990	4.42840	4.06120	249.21000	.16279	.12195	-.01006	.00163	.04478	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ008) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 62/ 0 RN/L = 4.52 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	20.000	5.96520	4.49970	4.09380	250.39000	.16435	.09345	-.01732	.00282	.05851	.37682
-2.000	20.000	5.97640	4.57510	4.13300	254.76000	.16530	.09124	-.01792	.00291	.05912	.35901
-2.000	25.000	5.97590	4.57130	4.13190	254.60000	.16529	.08117	-.02036	.00331	.05872	.31750
-2.000	30.000	5.97510	4.56390	4.12560	254.07000	.16508	.07794	-.02112	.00343	.05778	.31448
-2.000	35.000	5.97190	4.57520	4.13190	253.90000	.16551	.09096	-.01804	.00293	.05818	.29541
-2.000	40.000	5.97200	4.56520	4.12130	253.27000	.16508	.07732	-.02130	.00346	.05823	.03564
-2.000	40.000	5.97060	4.47990	4.06540	249.59000	.16292	.07622	-.02133	.00347	.05580	.16570
-2.000	40.000	5.98210	4.46620	4.09510	253.41000	.16348	.08044	-.02028	.00330	.05835	.02393
-2.000	45.000	5.97790	4.48420	4.09930	252.94000	.16388	.08070	-.02029	.00330	.05574	-.06086
-2.000	45.000	5.96930	4.53590	4.10970	252.06000	.16476	.07394	-.02210	.00359	.05355	.03154
-2.000	50.000	5.97740	4.47550	4.08980	252.27000	.16352	.08067	-.02026	.00329	.05104	-.22408
-2.000	55.000	5.97570	4.48200	4.08980	251.97000	.16361	.09823	-.01599	.00260	.04799	-.75667
-2.000	60.000	5.97400	4.48480	4.09180	251.80000	.16379	.12182	-.01026	.00167	.04515	-1.10980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ009) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = 180.000 SWEEP = 2.000

RUN NO. 113/ 0 RN/L = 4.42 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-50.000	5.97480	4.47580	4.04230	248.88000	.16177	.16177	.00000	.00000	.16135	.76235
.000	-40.000	5.97630	4.41980	4.01590	247.52000	.16063	.16063	.00000	.00000	.21631	.60931
.000	-30.000	5.97640	4.41050	4.01170	247.27000	.16046	.41914	.06448	-.01048	.21275	.02569
.000	-20.000	5.97720	4.37820	3.98430	245.73000	.15932	.28748	.03217	-.00523	.17645	1.36680
.000	-10.000	5.97960	4.39790	3.99070	246.53000	.15944	.13563	-.00597	.00097	.14344	1.11420
.000	-8.000	5.97970	4.40330	3.99490	246.80000	.15961	.12984	-.00745	.00121	.13033	1.14050
.000	-6.000	5.98100	4.40510	3.99810	247.22000	.15967	.12298	-.00917	.00149	.11837	1.12330
.000	-4.000	5.98190	4.41040	3.99810	247.33000	.15961	.11969	-.00999	.00162	.10717	1.05350
.000	-2.000	5.98210	4.41140	3.99700	247.36000	.15956	.11841	-.01030	.00167	.09603	1.03720
.000	.000	5.97130	4.53910	4.06540	249.71000	.16288	.11887	-.01083	.00176	.08915	.00000
.000	.000	5.98290	4.41100	3.99810	247.55000	.15956	.11546	-.01103	.00179	.09062	.00000
	GRADIENT	-.00132	.01759	.00923	.33954	.00044	-.00063	-.00024	.00004	-.00421	-.28658

RUN NO. 112/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
2.000	-50.000	5.97390	4.49730	4.03810	248.46000	.16165	.16165	.00000	.00000	.16177	.74309
2.000	-40.000	5.97590	4.47160	4.01070	247.14000	.16044	478.13000	119.18000	-19.37200	19.58700	.76778
2.000	-30.000	5.97800	4.47340	4.01700	247.88000	.16058	.40777	.06153	-.01000	.21025	.77230
2.000	-20.000	5.98060	4.43590	4.01920	248.46000	.16053	.28515	.03101	-.00504	.17596	.79037
2.000	-10.000	5.98220	4.43510	4.02020	248.80000	.16049	.13528	-.00627	.00102	.14369	.78035
2.000	-8.000	5.98340	4.42620	4.02340	249.21000	.16054	.13265	-.00693	.00113	.13028	.76504
2.000	-6.000	5.98430	4.43470	4.02240	249.29000	.16046	.12646	-.00845	.00137	.11792	.74812
2.000	-4.000	5.98430	4.45780	4.02450	249.43000	.16054	.11569	-.01114	.00181	.10575	.70970
2.000	-2.000	5.98540	4.46250	4.02560	249.68000	.16053	.11533	-.01123	.00183	.09812	.70017
2.000	.000	5.96980	4.47570	4.02110	246.72000	.16119	.11364	-.01182	.00192	.09081	.73145
2.000	.000	5.98510	4.45360	4.02770	249.76000	.16062	.11738	-.01074	.00175	.09158	.72165
	GRADIENT	-.00192	.00165	-.00008	-.33591	.00010	-.00003	-.00003	.00001	-.00362	.00503

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ010) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.490 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 77/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	-2.000	5.96370	4.52660	4.05060	247.49000	.16270	.08931	-.01812	.00294	.09377	.00000
.000	.000	5.96700	4.46160	4.04010	247.41000	.16210	.09215	-.01732	.00281	.08914	.00000
.000	10.000	5.96810	4.45740	4.04960	248.18000	.16242	.08862	-.01822	.00296	.07281	.00000
.000	20.000	5.97080	4.49960	4.06970	249.87000	.16308	.07431	-.02181	.00355	.06147	.00000
.000	25.000	5.97520	4.49690	4.06970	250.59000	.16280	.08107	-.02009	.00326	.05998	.00000
.000	30.000	5.97390	4.49740	4.07710	250.87000	.16321	.08129	-.02009	.00327	.06083	.00000
	GRADIENT	.00165	-.03250	-.00525	-.04000	-.00030	.00142	.00040	-.00007	-.00232	.00000

RUN NO. 78/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	-2.000	5.99030	4.46430	4.08470	254.21000	.16262	.11414	-.01187	.00193	.09786	.58343
-2.000	.000	5.98860	4.46300	4.08470	253.91000	.16271	.11499	-.01168	.00190	.09208	.62074
-2.000	10.000	5.98640	4.45530	4.08460	253.51000	.16283	.10108	-.01512	.00246	.07283	.56710
-2.000	20.000	5.98420	4.47070	4.08460	253.13000	.16295	.07224	-.02221	.00361	.06138	.36080
-2.000	25.000	5.98280	4.45970	4.08460	252.89000	.16302	.07465	-.02163	.00352	.06053	.38175
-2.000	30.000	5.98090	4.47040	4.08460	252.55000	.16312	.08339	-.01952	.00317	.05882	.47953
	GRADIENT	-.00085	-.00090	.00000	-.15000	.00004	.00042	.00009	-.00002	-.00289	.01865

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ011) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 58/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96380	4.56380	4.09590	250.28000	.16451	.08052	-.02051	.00333	.06111	.00000
.000	20.000	5.97970	4.57490	4.11930	254.49000	.16458	.08077	-.02035	.00331	.06117	.00000
.000	25.000	5.97770	4.55910	4.11510	253.88000	.16452	.08789	-.01862	.00303	.05920	.00000
.000	30.000	5.97580	4.56970	4.11190	253.35000	.16449	.09199	-.01763	.00287	.05781	.00000
.000	35.000	5.97510	4.56300	4.10660	252.91000	.16432	.09196	-.01762	.00286	.05718	.00000
.000	40.000	5.97040	4.57740	4.09910	251.56000	.16424	.08684	-.01889	.00307	.05574	.00000
.000	40.000	5.96830	4.40250	3.91780	240.14000	.15712	.08301	-.01892	.00307	.05507	.00000
.000	40.000	5.98200	4.51020	4.04980	250.59000	.16168	.08817	-.01815	.00295	.05561	.00000
.000	45.000	5.98130	4.52230	4.06560	251.44000	.16235	.07260	-.02207	.00359	.05331	.00000
.000	45.000	5.96880	4.57630	4.11920	252.57000	.16517	.07885	-.02096	.00341	.05339	.00000
.000	50.000	5.97790	4.60730	4.09080	252.41000	.16354	.08675	-.01877	.00305	.04988	.00000
.000	55.000	5.97680	4.61000	4.09290	252.35000	.16369	.09825	-.01599	.00260	.04707	.00000
.000	60.000	5.97440	4.61140	4.08550	251.47000	.16352	.11759	-.01124	.00183	.04399	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 72/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	20.000	5.96600	4.59160	4.10650	251.31000	.16482	.08834	-.01862	.00303	.06041	-.40747
-1.000	20.000	5.98350	4.47050	4.03500	249.95000	.16100	.08825	-.01803	.00293	.06083	-1.75410
-1.000	25.000	5.98200	4.46220	4.02870	249.29000	.16083	.08622	-.01852	.00301	.05932	-2.22450
-1.000	30.000	5.98190	4.44710	4.02450	249.01000	.16067	.08821	-.01800	.00293	.05983	.03551
-1.000	40.000	5.97930	4.45890	4.02550	248.62000	.16085	.08595	-.01861	.00302	.05888	-19.90000
-1.000	50.000	5.97710	4.43560	4.01810	247.79000	.16057	.08625	-.01852	.00301	.05397	2.06000
-1.000	60.000	5.97560	4.42920	4.01590	247.41000	.16066	.11550	-.01125	.00183	.04422	1.57390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546)(B62C12F10M14)(W127E43)(V8R5) (SKZ011) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 60/ 0 RN/L = 4.49 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	20.000	5.96850	4.60870	4.19190	256.98000	.16811	.08609	-.01957	.00318	.06038	.34570
-2.000	20.000	5.98310	4.48570	4.10780	254.38000	.16393	.08835	-.01840	.00299	.06063	.30824
-2.000	25.000	5.98210	4.49530	4.10140	253.82000	.16373	.08271	-.01975	.00321	.06015	.33577
-2.000	30.000	5.98100	4.49690	4.10040	253.55000	.16375	.07735	-.02107	.00343	.05824	.36655
-2.000	35.000	5.97980	4.50260	4.09400	252.94000	.16356	.09069	-.01780	.00289	.05751	.31643
-2.000	40.000	5.97660	4.50260	4.09080	252.19000	.16361	.07602	-.02141	.00348	.05588	.09513
-2.000	40.000	5.96740	4.40640	4.05480	248.37000	.16267	.07463	-.02171	.00353	.05539	.20993
-2.000	40.000	5.98090	4.47530	4.10780	253.98000	.16405	.08036	-.02037	.00331	.05597	.03400
-2.000	45.000	5.97880	4.47140	4.10030	253.15000	.16387	.07761	-.02104	.00342	.05359	-.06360
-2.000	45.000	5.97470	4.54910	4.13400	254.51000	.16544	.07263	-.02245	.00365	.05337	.07132
-2.000	50.000	5.97440	4.49260	4.10240	252.52000	.16419	.08079	-.02033	.00330	.04991	-.23499
-2.000	55.000	5.97390	4.46380	4.09180	251.77000	.16380	.09812	-.01605	.00261	.04686	-.92161
-2.000	60.000	5.97110	4.45020	4.08650	250.97000	.16373	.12076	-.01052	.00171	.04403	-.98389
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 71/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-3.000	20.000	5.96970	4.50270	4.10340	251.75000	.16449	.09437	-.01709	.00278	.05972	.46094
-3.000	20.000	5.98290	4.43100	4.03820	250.03000	.16116	.09420	-.01658	.00270	.05995	.43254
-3.000	25.000	5.98330	4.45200	4.04240	250.36000	.16131	.08224	-.01956	.00318	.06097	.41478
-3.000	30.000	5.98090	4.44970	4.04240	249.95000	.16144	.07578	-.02119	.00344	.05893	.41636
-3.000	40.000	5.97860	4.47700	4.06450	250.92000	.16245	.08057	-.02014	.00327	.05790	.25185
-3.000	50.000	5.97770	4.49910	4.06450	250.75000	.16250	.08598	-.01883	.00306	.05399	.12981
-3.000	60.000	5.97510	4.52910	4.07500	250.94000	.16306	.12093	-.01034	.00168	.04487	-.04014
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 70/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-5.000	20.000	5.96740	4.40910	4.01370	245.86000	.16102	.08685	-.01848	.00300	.06108	.53641
-5.000	20.000	5.98310	4.43910	4.05610	251.17000	.16187	.09122	-.01742	.00283	.06110	.52958
-5.000	25.000	5.98280	4.43580	4.04870	250.67000	.16159	.07787	-.02068	.00336	.06155	.48207
-5.000	30.000	5.98080	4.44570	4.04240	249.93000	.16144	.07624	-.02108	.00343	.05993	.48469
-5.000	40.000	5.97930	4.46120	4.05610	250.51000	.16207	.07231	-.02213	.00360	.05639	.40068
-5.000	50.000	5.97650	4.43810	4.04130	249.12000	.16163	.08200	-.01971	.00320	.05080	.28873
-5.000	55.000	5.97600	4.42180	4.01810	247.60000	.16073	.10038	-.01502	.00244	.04803	.23684
-5.000	60.000	5.97450	4.45290	4.02860	247.99000	.16123	.12816	-.00821	.00133	.04484	.21963
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ012) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = -11.700 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 16/ 0 RN/L = 4.39 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	6.03180	4.34870	3.89430	249.41000	.15291	.07741	-.01939	.00315	.06082	.00000
.000	20.000	6.01700	4.26020	3.95740	250.87000	.15616	.07865	-.01958	.00318	.06027	.00000
.000	25.000	6.02970	4.33570	3.89220	248.90000	.15294	.08117	-.01844	.00300	.05870	.00000
.000	30.000	6.02840	4.33660	3.89430	248.82000	.15308	.07942	-.01891	.00307	.05793	.00000
.000	35.000	6.02750	4.36720	3.90590	249.41000	.15358	.06816	-.02187	.00356	.05592	.00000
.000	40.000	6.02750	4.40710	3.94700	252.03000	.15520	.06433	-.02302	.00374	.05443	.00000
.000	40.000	6.01390	4.46880	3.95320	250.07000	.15615	.05903	-.02457	.00399	.05367	.00000
.000	40.000	6.02390	4.37680	3.93220	250.46000	.15481	.06353	-.02321	.00377	.05375	.00000
.000	45.000	6.02220	4.38930	3.95120	251.37000	.15564	.06432	-.02311	.00376	.05082	.00000
.000	45.000	6.02650	4.45840	3.95020	252.06000	.15538	.06470	-.02296	.00373	.05089	.00000
.000	50.000	6.02430	4.44110	3.94800	251.54000	.15541	.07327	-.02081	.00338	.04681	.00000
.000	55.000	6.02130	4.42770	3.95330	251.36000	.15577	.08721	-.01734	.00282	.04408	.00000
.000	60.000	6.01850	4.46590	3.95850	251.20000	.15612	.12562	-.00771	.00125	.04127	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ013) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 16.300 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 18/ 0 RN/L = 4.35 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	6.02220	4.54560	3.95540	251.64000	.15581	.08302	-.01840	.00299	.06267	.00000
.000	20.000	6.03320	4.31230	3.90170	250.13000	.15313	.07989	-.01877	.00305	.06340	.00000
.000	25.000	6.03160	4.29840	3.89850	249.65000	.15308	.08573	-.01728	.00261	.06375	.00000
.000	30.000	6.03020	4.30260	3.89540	249.21000	.15303	.08419	-.01767	.00287	.06535	.00000
.000	35.000	6.02760	4.34580	3.89960	249.02000	.15333	.08136	-.01846	.00300	.06682	.00000
.000	40.000	6.04570	4.42090	3.91350	253.05000	.15296	.07951	-.01877	.00305	.06865	.00000
.000	40.000	6.02690	4.24860	3.87630	247.42000	.15245	.07645	-.01961	.00319	.06790	.00000
.000	40.000	6.02860	4.33220	3.88900	248.52000	.15287	.07214	-.02076	.00337	.06813	.00000
.000	45.000	6.04350	4.39710	3.91140	252.53000	.15298	.08079	-.01846	.00300	.06842	.00000
.000	45.000	6.02390	4.20180	3.87520	246.84000	.15256	.06964	-.02140	.00348	.06807	.00000
.000	50.000	6.03950	4.40220	3.90080	251.14000	.15278	.08968	-.01617	.00263	.06806	.00000
.000	55.000	6.03790	4.38540	3.89760	250.67000	.15273	.11274	-.01026	.00167	.06756	.00000
.000	60.000	6.03400	4.36050	3.89440	249.79000	.15250	.14562	-.00184	.00030	.06461	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ014) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 14/ 0 RN/L = 4.46 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.99480	4.35930	4.07630	254.48000	.16204	.08596	-.01866	.00303	.06639	.00000
.000	20.000	6.00770	4.42870	3.96680	249.87000	.15701	.08464	-.01824	.00297	.06612	.00000
.000	25.000	6.00660	4.41490	3.97630	250.26000	.15744	.08042	-.01937	.00315	.06866	.00000
.000	30.000	6.00530	4.42410	3.98680	250.70000	.15793	.08138	-.01920	.00312	.07346	.00000
.000	35.000	6.00330	4.47450	4.00370	251.42000	.15870	.09444	-.01605	.00261	.07736	.00000
.000	40.000	6.03120	4.49000	3.95760	253.36000	.15543	.10065	-.01384	.00225	.08274	.00000
.000	40.000	6.01260	4.36470	3.91410	247.39000	.15467	.08309	-.01829	.00297	.08281	.00000
.000	40.000	6.00190	4.46600	4.02470	252.50000	.15961	.11322	-.01152	.00187	.08087	.00000
.000	45.000	6.00020	4.48650	4.04370	253.38000	.16046	.13309	-.00677	.00110	.08262	.00000
.000	45.000	6.02880	4.47380	3.96070	253.14000	.15567	.12109	-.00873	.00142	.08420	.00000
.000	50.000	6.02760	4.47810	3.95760	252.73000	.15561	.16463	.00228	-.00037	.08504	.00000
.000	55.000	6.02470	4.52730	3.98070	253.69000	.15667	.20212	.01142	-.00186	.08520	.00000
.000	60.000	6.01900	4.53250	3.98280	252.83000	.15705	.25378	.02429	-.00395	.08030	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ015) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 15/ 0 RN/L = 4.39 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	40.000	6.01580	4.43090	3.99120	252.81000	.15755	.09068	-.01675	.00272	.08177	.00000
.000	40.000	6.03230	4.34440	3.91120	250.57000	.15355	.09715	-.01442	.00234	.08220	.00000
.000	45.000	6.03180	4.36410	3.92070	251.10000	.15395	.11830	-.00909	.00148	.08357	.00000
.000	50.000	6.02770	4.37270	3.93220	251.12000	.15461	.15811	.00089	-.00014	.08461	.00000
.000	55.000	6.02420	4.40110	3.95330	251.87000	.15562	.18682	.00789	-.00128	.08489	.00000
.000	60.000	6.02050	4.42070	3.97430	252.56000	.15664	.23318	.01926	-.00313	.07952	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ016) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = 22.500 SPDBRK = 55.000
RUDDER = .800 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 24/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.99340	4.36800	3.99300	249.04000	.15880	.08536	-.01839	.00299	.06789	.00000
.000	20.000	6.00980	4.43880	3.96160	249.90000	.15669	.08848	-.01722	.00280	.06779	.00000
.000	25.000	6.00930	4.44890	3.97310	250.54000	.15718	.08300	-.01867	.00303	.06978	.00000
.000	30.000	6.00790	4.48990	3.99420	251.62000	.15809	.08176	-.01911	.00311	.07419	.00000
.000	35.000	6.00380	4.48050	3.99520	250.98000	.15834	.09428	-.01604	.00261	.07749	.00000
.000	40.000	6.00300	4.45800	3.97620	249.65000	.15763	.11056	-.01184	.00192	.08111	.00000
.000	45.000	6.00120	4.57570	4.06060	254.62000	.16107	.13094	-.00742	.00121	.08247	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ017) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -35.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 27/ 0 RN/L = 4.44 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96300	4.48230	4.15500	253.74000	.16693	.11784	-.01181	.00192	.06359	.00000
.000	20.000	5.98390	4.42660	4.07510	252.49000	.16258	.10207	-.01485	.00241	.06354	.00000
.000	25.000	5.98060	4.41630	4.07510	251.91000	.16276	.08679	-.01864	.00303	.06149	.00000
.000	30.000	5.97910	4.45370	4.10140	253.28000	.16389	.09462	-.01689	.00275	.06147	.00000
.000	35.000	5.97720	4.49640	4.11300	253.66000	.16446	.09950	-.01579	.00257	.06135	.00000
.000	40.000	5.97570	4.53920	4.15620	256.07000	.16627	.11706	-.01184	.00192	.06019	.00000
.000	40.000	5.98210	4.39930	4.07400	252.11000	.16264	.11063	-.01276	.00207	.06020	.00000
.000	40.000	5.99140	4.38650	4.01400	250.01000	.15974	.11594	-.01091	.00177	.06060	.00000
.000	45.000	5.99070	4.39630	4.00980	249.62000	.15951	.14398	-.00390	.00063	.05870	.00000
.000	45.000	5.97160	4.52830	4.13080	253.77000	.16549	.14292	-.00546	.00089	.05842	.00000
.000	50.000	5.98980	4.41900	4.04570	251.69000	.16109	.19414	.00817	-.00133	.05561	.00000
.000	55.000	5.98740	4.41550	4.04560	251.28000	.16122	.24600	.02096	-.00341	.05468	.00000
.000	60.000	5.98550	4.40840	4.05510	251.53000	.16170	.40516	.06004	-.00976	.05732	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ018) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -20.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 29/ 0 RN/L = 4.41 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.97090	4.49070	4.18460	256.95000	.16768	.11143	-.01344	.00219	.05981	.00000
.000	20.000	5.98580	4.39730	4.04030	250.67000	.16109	.09625	-.01605	.00261	.06018	.00000
.000	25.000	5.98340	4.39840	4.04140	250.32000	.16126	.08716	-.01833	.00298	.05739	.00000
.000	30.000	5.98340	4.39410	4.03920	250.18000	.16118	.09032	-.01754	.00285	.05705	.00000
.000	35.000	5.97940	4.47500	4.08240	252.17000	.16312	.09591	-.01646	.00268	.05578	.00000
.000	40.000	5.97790	4.47250	4.08450	252.03000	.16329	.11833	-.01101	.00179	.05373	.00000
.000	40.000	5.97040	4.34070	4.05700	249.04000	.16259	.11559	-.01159	.00188	.05342	.00000
.000	40.000	5.98260	4.40140	4.04450	250.37000	.16143	.11970	-.01032	.00168	.05394	.00000
.000	45.000	5.98180	4.33300	4.00860	248.02000	.16004	.14123	-.00469	.00076	.04994	.00000
.000	45.000	5.97700	4.53170	4.12040	254.08000	.16477	.14083	-.00581	.00094	.04978	.00000
.000	50.000	5.97830	4.30120	3.95480	244.09000	.15808	.17779	.00499	-.00081	.04544	.00000
.000	55.000	5.97590	4.29470	3.97270	244.79000	.15892	.22854	.01752	-.00285	.04388	.00000
.000	60.000	5.97540	4.45790	4.13400	254.65000	.16540	.32163	.03779	-.00614	.04289	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ019) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -10.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 32/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	CP
.000	20.000	5.96660	4.72800	4.16130	254.76000	.16699	.08273	-.02025	.00329	.05795	.00000
.000	20.000	5.98210	4.61230	4.15630	257.20000	.16592	.08488	-.01950	.00317	.05803	.00000
.000	25.000	5.97990	4.59090	4.15630	256.81000	.16604	.08323	-.01992	.00324	.05555	.00000
.000	30.000	5.97730	4.62510	4.19310	258.63000	.16766	.08704	-.01923	.00313	.05475	.00000
.000	35.000	5.97650	4.61190	4.19000	258.28000	.16758	.07826	-.02132	.00346	.05270	.00000
.000	40.000	5.97480	4.60840	4.17940	257.33000	.16725	.08557	-.01954	.00318	.04997	.00000
.000	40.000	5.95580	4.64500	4.19490	254.91000	.16894	.08159	-.02082	.00338	.04960	.00000
.000	40.000	5.96870	4.55130	4.11600	252.36000	.16505	.08574	-.01927	.00313	.05027	.00000
.000	45.000	5.96650	4.57650	4.13710	253.27000	.16602	.09813	-.01641	.00267	.04630	.00000
.000	45.000	5.97220	4.57600	4.17300	256.47000	.16714	.09426	-.01747	.00284	.04607	.00000
.000	50.000	5.96520	4.70520	4.24670	259.74000	.17049	.11812	-.01233	.00200	.04191	.00000
.000	55.000	5.96300	4.71070	4.23830	258.83000	.17029	.14356	-.00631	.00102	.03988	.00000
.000	60.000	5.96020	4.68140	4.22350	257.42000	.16965	.18224	.00294	-.00048	.03651	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ020) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 347 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.95890	4.60260	4.13280	251.66000	.16627	.07994	-.02089	.00340	.05790	.00000
.000	20.000	5.97650	4.60550	4.14570	255.56000	.16580	.08390	-.01976	.00321	.05864	.00000
.000	25.000	5.97590	4.62190	4.14140	255.18000	.16567	.08137	-.02036	.00331	.05612	.00000
.000	30.000	5.97330	4.62080	4.14030	254.66000	.16577	.08331	-.01992	.00324	.05524	.00000
.000	35.000	5.97130	4.67440	4.18140	256.84000	.16753	.08064	-.02078	.00338	.05426	.00000
.000	40.000	5.96810	4.70460	4.18140	256.26000	.16771	.08381	-.02006	.00326	.05179	.00000
.000	40.000	5.96610	4.50490	4.06960	249.07000	.16333	.09771	-.01612	.00262	.05192	.00000
.000	40.000	5.97740	4.43970	4.06450	250.70000	.16251	.10879	-.01322	.00215	.05279	.00000
.000	45.000	5.97580	4.45710	4.06340	250.37000	.16255	.11504	-.01169	.00190	.04962	.00000
.000	45.000	5.96650	4.67940	4.17290	255.46000	.16746	.08491	-.01978	.00322	.04844	.00000
.000	50.000	5.97250	4.49800	4.08440	251.08000	.16358	.17347	.00242	-.00039	.04424	.00000
.000	55.000	5.97100	4.51550	4.08020	250.56000	.16343	.17344	.00244	-.00040	.04282	.00000
.000	60.000	5.96870	4.55340	4.08440	250.43000	.16378	.18654	.00557	-.00091	.03970	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ021) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 36/ 0 RN/L = 4.45 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96050	4.47080	4.08740	249.18000	.16436	.08824	-.01862	.00303	.06052	.00000
.000	20.000	5.97330	4.44730	4.04860	249.01000	.16210	.09419	-.01677	.00273	.06008	.00000
.000	25.000	5.97160	4.43690	4.04650	248.60000	.16210	.10646	-.01375	.00224	.05989	.00000
.000	30.000	5.97120	4.45570	4.04220	248.27000	.16196	.11588	-.01140	.00185	.06087	.00000
.000	35.000	5.96920	4.47970	4.07600	249.98000	.16342	.10388	-.01461	.00237	.06240	.00000
.000	40.000	5.96770	4.47060	4.06960	249.34000	.16324	.10144	-.01519	.00247	.06332	.00000
.000	40.000	5.96020	4.41700	3.98830	243.10000	.16038	.12406	-.00911	.00148	.06151	.00000
.000	40.000	5.97230	4.45190	4.05600	248.29000	.16245	.09707	-.01612	.00262	.06392	.00000
.000	45.000	5.97130	4.44760	4.04960	248.74000	.16225	.08887	-.01812	.00295	.06343	.00000
.000	45.000	5.96560	4.45790	4.06540	248.71000	.16319	.09345	-.01716	.00279	.06316	.00000
.000	50.000	5.96960	4.45890	4.04960	248.44000	.16234	.12343	-.00961	.00156	.06100	.00000
.000	55.000	5.96750	4.44450	4.04640	247.88000	.16233	.16702	.00116	-.00019	.06006	.00000
.000	60.000	5.96610	4.43510	4.03900	247.19000	.16210	.20509	.01064	-.00173	.05893	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ022) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 51/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96650	4.35590	4.03160	246.80000	.16179	.07930	-.02046	.00333	.06059	.00000
.000	20.000	5.98230	4.51410	4.10780	254.24000	.16397	.07983	-.02048	.00333	.06077	.00000
.000	25.000	5.98140	4.51700	4.10670	254.02000	.16398	.09099	-.01777	.00289	.05996	.00000
.000	30.000	5.98090	4.49540	4.10560	253.85000	.16397	.09102	-.01777	.00289	.06107	.00000
.000	35.000	5.97840	4.48670	4.10460	253.35000	.16406	.09389	-.01710	.00278	.06212	.00000
.000	40.000	5.97690	4.47400	4.10140	252.88000	.16402	.09299	-.01732	.00281	.06310	.00000
.000	40.000	5.96910	4.45040	4.05490	248.68000	.16258	.09316	-.01712	.00278	.06356	.00000
.000	45.000	5.97430	4.46390	4.09290	251.92000	.16382	.08499	-.01926	.00313	.06261	.00000
.000	60.000	5.97130	4.47150	4.07070	250.04000	.16309	.14339	-.00484	.00079	.05977	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ023) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 10.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 40/ 0 RN/L = 4.55 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96500	4.57000	4.06010	248.29000	.16301	.08788	-.01851	.00301	.06624	.00000
.000	20.000	5.98350	4.57240	4.08880	253.27000	.16315	.09023	-.01783	.00290	.06594	.00000
.000	25.000	5.98120	4.56790	4.08560	252.67000	.16315	.10538	-.01414	.00230	.06749	.00000
.000	30.000	5.97880	4.53670	4.07710	251.72000	.16294	.09806	-.01591	.00259	.07013	.00000
.000	35.000	5.97650	4.55290	4.06970	250.86000	.16277	.10168	-.01501	.00244	.07404	.00000
.000	40.000	5.97330	4.56470	4.07290	250.51000	.16307	.10777	-.01358	.00221	.07721	.00000
.000	40.000	5.97110	4.49020	4.04960	248.71000	.16226	.09573	-.01643	.00267	.07740	.00000
.000	40.000	5.99060	4.52560	4.11110	255.90000	.16365	.10131	-.01516	.00246	.07815	.00000
.000	45.000	5.98840	4.56320	4.10470	255.12000	.16352	.08922	-.01810	.00294	.07996	.00000
.000	45.000	5.97180	4.54170	4.05810	249.35000	.16256	.09934	-.01558	.00253	.07910	.00000
.000	50.000	5.98410	4.53590	4.09730	253.90000	.16345	.11227	-.01249	.00203	.08104	.00000
.000	55.000	5.98040	4.52880	4.09610	253.19000	.16361	.12750	-.00881	.00143	.08159	.00000
.000	60.000	5.97830	4.54350	4.09080	252.49000	.16351	.14338	-.00492	.00080	.08130	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ024) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 20.000 AILRON = .000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 44/ 0 RN/L = 4.48 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96410	4.42540	4.10010	250.59000	.16467	.08781	-.01875	.00305	.08916	.00000
.000	20.000	5.98060	4.50130	4.10990	254.07000	.16415	.08639	-.01892	.00308	.08880	.00000
.000	25.000	5.97770	4.46610	4.10560	253.30000	.16414	.08979	-.01811	.00294	.09586	.00000
.000	30.000	5.97490	4.47940	4.10240	252.61000	.16416	.08129	-.02020	.00328	.10385	.00000
.000	35.000	5.97480	4.50810	4.14990	255.51000	.16607	.08564	-.01938	.00315	.11216	.00000
.000	40.000	5.97510	4.51040	4.13830	254.85000	.16559	.07981	-.02073	.00337	.12023	.00000
.000	40.000	5.96700	4.51590	4.09070	250.50000	.16413	.08129	-.02025	.00329	.11992	.00000
.000	40.000	5.97970	4.41750	4.02650	248.76000	.16087	.08422	-.01904	.00309	.11911	.00000
.000	45.000	5.97820	4.41330	4.01910	248.04000	.16065	.06898	-.02281	.00371	.12616	.00000
.000	45.000	5.97260	4.52970	4.13510	254.21000	.16560	.06427	-.02450	.00398	.12719	.00000
.000	50.000	5.97650	4.45640	4.05710	250.09000	.16226	.07246	-.02214	.00360	.12736	.00000
.000	55.000	5.97270	4.48560	4.06340	249.82000	.16272	.08653	-.01875	.00305	.12271	.00000
.000	60.000	5.97220	4.52050	4.08550	251.09000	.16364	.09958	-.01568	.00255	.11779	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (862C12F10M14)(W127E43)(V8R5) (SKZ025) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = 5.000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 42/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96840	4.53300	4.08650	250.50000	.16388	.08509	-.01928	.00313	.06236	.00000
.000	20.000	5.98590	4.51910	4.06990	252.52000	.16226	.09029	-.01768	.00287	.06160	.00000
.000	25.000	5.98470	4.51480	4.05820	251.59000	.16187	.10146	-.01489	.00242	.06182	.00000
.000	30.000	5.98330	4.46750	4.05510	251.14000	.16182	.09447	-.01661	.00270	.06285	.00000
.000	35.000	5.98070	4.46520	4.05290	250.56000	.16187	.10260	-.01462	.00238	.06418	.00000
.000	40.000	5.97920	4.47580	4.04230	249.65000	.16153	.09976	-.01528	.00248	.06612	.00000
.000	40.000	5.96980	4.37570	4.01160	246.14000	.16081	.09724	-.01585	.00258	.06615	.00000
.000	40.000	5.98920	4.45580	4.07100	253.16000	.16213	.09593	-.01626	.00264	.06663	.00000
.000	45.000	5.98660	4.45840	4.06990	252.64000	.16223	.09206	-.01724	.00280	.06689	.00000
.000	45.000	5.97550	4.48470	4.03280	248.43000	.16135	.09678	-.01601	.00260	.06645	.00000
.000	50.000	5.98060	4.47140	4.06560	251.33000	.16238	.11867	-.01075	.00175	.06636	.00000
.000	55.000	5.97880	4.46650	4.05820	250.56000	.16213	.13271	-.00726	.00118	.06515	.00000
.000	60.000	5.97680	4.45580	4.04860	249.62000	.16191	.14369	-.00450	.00073	.06362	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ026) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 46/ 0 RN/L = 4.47 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96810	4.61060	4.15290	254.51000	.16657	.08670	-.01923	.00313	.05915	.00000
.000	20.000	5.97910	4.39050	4.01490	247.93000	.16044	.08370	-.01911	.00311	.05958	.00000
.000	25.000	5.97910	4.40750	4.01490	247.93000	.16044	.09464	-.01639	.00266	.05808	.00000
.000	30.000	5.97770	4.40400	4.01390	247.63000	.16047	.10041	-.01496	.00243	.05815	.00000
.000	35.000	5.97680	4.48350	4.08340	251.78000	.16330	.09766	-.01607	.00261	.05776	.00000
.000	40.000	5.97490	4.48470	4.07920	251.17000	.16324	.08908	-.01818	.00296	.05651	.00000
.000	40.000	5.96530	4.42870	4.03270	246.66000	.16189	.08912	-.01805	.00293	.05665	.00000
.000	40.000	5.97870	4.53590	4.13940	255.56000	.16543	.09455	-.01713	.00278	.05706	.00000
.000	45.000	5.97710	4.53580	4.13720	255.15000	.16543	.09125	-.01793	.00291	.05498	.00000
.000	45.000	5.97380	4.48600	4.07600	250.78000	.16317	.08625	-.01887	.00307	.05453	.00000
.000	50.000	5.97440	4.53900	4.12660	254.02000	.16516	.11458	-.01226	.00199	.05279	.00000
.000	55.000	5.97100	4.42490	4.02750	247.33000	.16139	.14301	-.00456	.00074	.05101	.00000
.000	60.000	5.96840	4.43150	4.01900	246.36000	.16118	.16828	.00177	-.00029	.04855	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141 (20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ027) (03 NOV 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = -5.000 AILRON = -5.000
BDFLAP = .000 SPDBRK = 25.000
RUDDER = 2.400 MACH = 6.000
PHI = .000 SWEEP = 1.000

RUN NO. 49/ 0 RN/L = 4.57 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	20.000	5.96290	4.66420	4.19290	256.04000	.16846	.08622	-.01961	.00319	.05760	.00000
.000	20.000	5.97930	4.62320	4.19000	258.80000	.16742	.08328	-.02008	.00326	.05806	.00000
000	25.000	5.97930	4.61930	4.18680	258.59000	.16730	.08597	-.01943	.00316	.05624	.00000
.000	30.000	5.97670	4.63320	4.18050	257.73000	.16719	.09131	-.01815	.00295	.05549	.00000
.000	35.000	5.97270	4.61680	4.17830	256.89000	.16732	.09219	-.01798	.00292	.05461	.00000
.000	40.000	5.97140	4.62270	4.17090	256.20000	.16710	.08345	-.02006	.00326	.05281	.00000
.000	40.000	5.96610	4.43090	3.99790	244.67000	.16046	.08062	-.01997	.00325	.05280	.00000
.000	40.000	5.97920	4.52690	4.07400	251.61000	.16279	.08806	-.01834	.00298	.05326	.00000
.000	45.000	5.97760	4.53110	4.07400	251.33000	.16288	.08536	-.01903	.00309	.04986	.00000
.000	45.000	5.96960	4.63500	4.17610	256.03000	.16747	.08077	-.02076	.00337	.04954	.00000
.000	50.000	5.97610	4.52750	4.06970	250.80000	.16279	.09731	-.01609	.00262	.04632	.00000
.000	55.000	5.97290	4.51070	4.07180	250.37000	.16305	.11406	-.01203	.00196	.04367	.00000
.000	60.000	5.97230	4.49940	4.05280	249.10000	.16232	.13973	-.00557	.00091	.04091	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ028) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = 180.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 157/ 0 RN/L = 4.54 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.320	11.000	5.96300	4.52040	4.02650	245.90000	.16177	.05877	-.02558	.00409	.07212	1.07060
.320	15.000	5.96660	4.52580	4.02230	246.25000	.16141	.05163	-.02729	.00436	.06642	.99674
.320	17.000	5.96780	4.53180	4.03490	247.23000	.16185	.04580	-.02876	.00460	.06514	1.01070
.320	19.000	5.97140	4.55440	4.03910	248.11000	.16182	.04308	-.02940	.00470	.06389	1.04150
.320	20.000	5.97110	4.55510	4.04960	248.69000	.16226	.04396	-.02921	.00467	.06371	1.04630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ028) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = 180.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 158/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.850	11.000	5.98120	4.62550	4.07480	252.01000	.16272	.06730	-.02342	.00374	.07236	.68627
.850	15.000	5.98070	4.63340	4.07270	251.79000	.16266	.06546	-.02387	.00381	.06722	.60908
.850	17.000	5.97870	4.62290	4.07270	251.43000	.16277	.05874	-.02554	.00408	.06540	.48771
.850	19.000	5.97950	4.62740	4.06230	250.93000	.16231	.05537	-.02633	.00421	.06409	.33904
.850	20.000	5.97650	4.58690	4.05910	250.000	.16234	.04589	-.02869	.00459	.06365	.29823
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ029) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 162/ 0 RN/L = 4.56 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	11.000	5.96780	4.54590	4.16360	255.12000	.16701	.06214	-.02519	.00403	.07261	.48485
-1.000	15.000	5.98390	4.52860	4.08530	253.12000	.16299	.06531	-.02391	.00382	.06597	.41025
-1.000	17.000	5.98270	4.57430	4.10620	254.20000	.16389	.06395	-.02434	.00389	.06449	.25843
-1.000	19.000	5.98100	4.59480	4.12300	254.95000	.16465	.04932	-.02797	.00447	.06376	.00906
-1.000	20.000	5.98000	4.60550	4.15010	256.45000	.16579	.04417	-.02931	.00468	.06347	.00702
-1.000	21.000	5.97770	4.61810	4.16480	256.94000	.16650	.04323	-.02960	.00473	.06337	.05217
-1.000	23.000	5.97640	4.59890	4.14380	255.42000	.16574	.04585	-.02893	.00462	.06296	.33101
-1.000	25.000	5.97200	4.45490	4.07990	250.71000	.16343	.04929	-.02797	.00447	.06260	.36663
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ029) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 161/ 0 RN/L = 4.58 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	11.000	5.96990	4.60670	4.12910	253.37000	.16551	.06160	-.02516	.00402	.07224	.00000
.000	15.000	5.98450	4.53880	4.02150	249.27000	.16041	.05178	-.02701	.00432	.06583	.00000
.000	17.000	5.98520	4.59340	4.05610	251.55000	.16175	.04576	-.02860	.00457	.06461	.00000
.000	19.000	5.98280	4.60790	4.06230	251.52000	.16213	.04372	-.02915	.00466	.06376	.00000
.000	20.000	5.98190	4.59350	4.02250	248.89000	.16059	.04561	-.02858	.00457	.06429	.00000
.000	21.000	5.98090	4.56070	4.02250	248.72000	.16064	.04826	-.02794	.00447	.06431	.00000
.000	23.000	5.98050	4.65420	4.13130	255.37000	.16501	.04956	-.02795	.00447	.06310	.00000
.000	25.000	5.97890	4.51620	4.11140	253.87000	.16430	.05413	-.02680	.00428	.06231	.00000
.000	27.000	5.97730	4.51600	4.10930	253.46000	.16431	.05856	-.02573	.00411	.06199	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 167/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-2.000	11.000	5.94650	2.27440	2.04160	123.26000	.08248	.03968	-.02096	.00335	.07439	.59409
-2.000	15.000	5.96170	2.42110	2.07330	126.49000	.08333	.04227	-.01980	.00317	.06727	.53541
-2.000	17.000	5.96270	2.42850	2.08560	127.34000	.08380	.03908	-.02144	.00343	.06498	.49292
-2.000	19.000	5.96000	2.42830	2.09060	127.41000	.08408	.03296	-.02445	.00391	.06465	.44049
-2.000	20.000	5.96110	2.43810	2.08900	127.41000	.08398	.03067	-.02552	.00408	.06530	.42225
-2.000	21.000	5.95970	2.41830	2.08810	127.23000	.08398	.02836	-.02664	.00426	.06562	.41692
-2.000	23.000	5.95870	2.38930	2.08710	127.08000	.08398	.02844	-.02661	.00425	.06585	.42319
-2.000	25.000	5.95780	2.37120	2.08020	126.58000	.08372	.03085	-.02541	.00406	.06536	.44724
-2.000	30.000	5.95750	2.31220	2.06980	125.91000	.08331	.03637	-.02268	.00363	.06414	.49661
-2.000	35.000	5.95090	2.24430	2.04760	124.00000	.08260	.03833	-.02162	.00346	.06522	.50145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 166/ 0 RN/L = 2.25 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-1.000	11.000	5.94270	2.28500	2.00970	121.01000	.08130	.04038	-.02036	.00325	.07419	.47809
-1.000	15.000	5.95800	2.31220	2.03220	123.67000	.08178	.03724	-.02192	.00350	.06828	.42859
-1.000	17.000	5.95800	2.29980	2.03100	123.60000	.08173	.03245	-.02427	.00388	.06742	.37771
-1.000	19.000	5.95810	2.28520	2.02910	123.49000	.08166	.02968	-.02561	.00409	.06626	.17537
-1.000	20.000	5.95770	2.24790	2.02720	123.34000	.08159	.02847	-.02620	.00419	.06617	.12096
-1.000	21.000	5.95600	2.23630	2.02680	123.17000	.08162	.02905	-.02594	.00415	.06667	.26015
-1.000	23.000	5.95610	2.19730	2.02120	122.84000	.08139	.03164	-.02462	.00393	.06571	.38527
-1.000	25.000	5.95450	2.18280	2.01930	122.59000	.08136	.03254	-.02417	.00386	.06518	.26128
-1.000	30.000	5.95060	2.16700	2.01510	122.01000	.08130	.03610	-.02243	.00359	.06493	.49857
-1.000	35.000	5.94790	2.18450	2.01760	121.93000	.08147	.03875	-.02117	.00338	.06474	.41895
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 170/ 0 RN/L = 2.34 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
-.500	11.000	5.93580	2.38060	2.08010	124.65000	.08434	.04210	-.02031	.00325	.07414	.38183
-.500	15.000	5.95260	2.39220	2.09570	127.06000	.08449	.03700	-.02266	.00362	.06878	.51419
-.500	17.000	5.95110	2.38670	2.09950	127.16000	.08469	.03248	-.02487	.00397	.06794	.32744
-.500	19.000	5.95050	2.38630	2.09730	126.98000	.08461	.03034	-.02588	.00414	.06703	.02013
-.500	20.000	5.95010	2.35790	2.08970	126.48000	.08432	.02974	-.02612	.00417	.06678	-.02140
-.500	21.000	5.94800	2.32490	2.07890	125.65000	.08395	.03131	-.02532	.00405	.06708	.20027
-.500	23.000	5.94710	2.30410	2.06820	124.92000	.08354	.03272	-.02457	.00393	.06617	.30033
-.500	25.000	5.94520	2.27190	2.06000	124.25000	.08326	.03372	-.02405	.00384	.06549	.12908
-.500	30.000	5.94170	2.24850	2.08810	125.65000	.08449	.03794	-.02230	.00356	.06562	.49514
-.500	35.000	5.94210	2.29190	2.11520	127.31000	.08558	.04065	-.02124	.00340	.06484	.41996
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ030) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 163/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	11.000	5.94690	2.42070	2.02460	122.26000	.08178	.03797	-.02164	.00346	.07365	.00000
.000	15.000	5.96250	2.32150	2.03260	124.09000	.08167	.03121	-.02482	.00397	.06861	.00000
.000	17.000	5.96220	2.32950	2.03290	124.07000	.08170	.02863	-.02611	.00417	.06797	.00000
.000	19.000	5.96040	2.34340	2.03290	123.92000	.08174	.02817	-.02635	.00421	.06721	.00000
.000	20.000	5.96040	2.35050	2.03050	124.32000	.08201	.02932	-.02584	.00413	.06703	.00000
.000	21.000	5.96340	2.42650	2.10480	128.57000	.08455	.03164	-.02514	.00402	.06663	.00000
.000	23.000	5.96170	2.35490	2.05270	125.25000	.08251	.03287	-.02418	.00387	.06540	.00000
.000	25.000	5.95560	2.33850	2.05300	124.74000	.08269	.03357	-.02393	.00382	.06502	.00000
.000	27.000	5.95870	2.38760	2.08710	127.08000	.08398	.03546	-.02324	.00372	.06515	.00000
.000	30.000	5.95740	2.40610	2.08900	127.08000	.08409	.03775	-.02218	.00355	.06507	.00000
.000	35.000	5.95620	2.50310	2.14920	130.63000	.08655	.04125	-.02108	.00337	.06422	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ031) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = .000 MACH = 6.000
SWEEP = 1.000

RUN NO. 171/ 0 RN/L = 2.27 GRADIENT INTERVAL = -5.00/ 5.00

BETA	ALPHA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
.000	11.000	5.94200	2.17850	2.03000	122.18000	.08214	.03950	-.02100	.00336	.07530	.00000
.000	15.000	5.95820	2.34420	2.04680	124.59000	.08237	.03242	-.02440	.00390	.06843	.00000
.000	17.000	5.95600	2.33180	2.04050	124.00000	.08217	.02858	-.02621	.00419	.06827	.00000
.000	19.000	5.95630	2.31450	2.03610	123.77000	.08199	.02844	-.02630	.00420	.06758	.00000
.000	20.000	5.95370	2.29540	2.03930	123.67000	.08215	.02983	-.02567	.00410	.06739	.00000
.000	21.000	5.95070	2.29630	2.04360	123.74000	.08245	.03203	-.02467	.00394	.06716	.00000
.000	23.000	5.95070	2.25620	2.04270	123.69000	.08241	.03311	-.02413	.00386	.06572	.00000
.000	25.000	5.95020	2.24750	2.03480	123.16000	.08210	.03375	-.02376	.00380	.06520	.00000
.000	30.000	5.94740	2.19020	2.02250	122.18000	.08168	.03712	-.02203	.00352	.06588	.00000
.000	35.000	5.94530	2.21050	2.06790	124.74000	.08358	.04005	-.02105	.00336	.06467	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 188/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
15.600	-2.952	5.94720	2.42720	2.06410	124.68000	.08337	.04129	-.02038	.00326	.06492	.55670
15.600	-2.310	5.94950	2.42980	2.03980	123.41000	.08233	.04142	-.02005	.00321	.06500	.54700
15.600	-1.850	5.95090	2.42520	2.03010	122.94000	.08189	.04159	-.01985	.00317	.06519	.53194
15.600	-1.447	5.95270	2.42820	2.02760	122.94000	.08174	.04120	-.01999	.00320	.06530	.51010
15.600	-.925	5.95210	2.41630	2.02570	122.77000	.08168	.04018	-.02049	.00327	.06556	.45009
15.600	-.367	5.95380	2.41590	2.01780	122.44000	.08132	.03506	-.02293	.00366	.06591	.29168
15.600	-.077	5.94530	2.42080	2.05590	124.02000	.08309	.04340	-.01931	.00309	.06623	1.27510
15.600	.532	5.95510	2.40590	2.01210	122.20000	.08106	.03385	-.02346	.00375	.06564	.61536
15.600	.796	5.95620	2.38350	2.01430	122.44000	.08111	.03626	-.02227	.00356	.06561	.58483
15.600	1.183	5.95700	2.39630	2.03930	124.02000	.08210	.03967	-.02081	.00333	.06551	.57617
15.600	1.721	5.95950	2.38220	2.03710	124.10000	.08194	.04247	-.01938	.00310	.06506	.58194
15.600	2.265	5.96180	2.37450	2.03680	124.28000	.08166	.04343	-.01887	.00302	.06528	.58323
15.600	2.818	5.96320	2.35760	2.03460	124.26000	.08174	.04407	-.01851	.00296	.06519	.58375
15.600	3.449	5.96400	2.35020	2.03200	124.18000	.08161	.04530	-.01787	.00286	.06500	.58666
	GRADIENT	.00262	-.01306	-.00173	.11995	-.00014	.00045	.00028	-.00004	.00000	.01072

RUN NO. 194/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.900	-3.061	5.94690	2.35570	2.05340	124.00000	.08295	.04407	-.01893	.00303	.06375	.54626
16.900	-2.054	5.94960	2.35570	2.05940	124.60000	.08311	.04283	-.01956	.00313	.06450	.52367
16.900	-1.743	5.94990	2.29650	2.00960	121.61000	.08109	.04175	-.01958	.00313	.06514	.51198
16.900	-1.421	5.95180	2.39820	2.08750	126.49000	.08418	.04364	-.01942	.00310	.06496	.47579
16.900	-.782	5.95430	2.39620	2.08120	126.33000	.08386	.04153	-.02034	.00325	.06563	.37222
16.900	-.326	5.95550	2.40780	2.08880	126.89000	.08413	.03813	-.02202	.00352	.06548	-.06272
16.900	-.020	5.94600	2.37310	2.03000	122.52000	.08203	.04361	-.01892	.00302	.06619	.91404
16.900	.675	5.95670	2.38330	2.05850	125.16000	.08288	.03927	-.02118	.00339	.06568	.60583
16.900	1.328	5.95920	2.38880	2.05660	125.26000	.08273	.04545	-.01813	.00290	.06484	.56749
16.900	1.713	5.95980	2.38710	2.05820	125.41000	.08278	.04714	-.01732	.00277	.06509	.57441
16.900	2.242	5.96140	2.40020	2.05980	125.65000	.08280	.04744	-.01717	.00274	.06442	.57790
16.900	2.875	5.96100	2.40310	2.06330	125.83000	.08295	.04738	-.01724	.00276	.06424	.57856
16.900	3.249	5.96300	2.40890	2.06450	126.08000	.08295	.04835	-.01676	.00268	.06447	.57999
	GRADIENT	.00256	.00943	.00129	.30123	-.00002	.00097	.00049	-.00008	-.00001	.02076

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 195/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-2.501	5.95000	2.40660	2.08720	126.31000	.08422	.04597	-.01833	.00293	.06411	.50732
18.900	-1.959	5.95370	2.43130	2.08590	126.56000	.08407	.04476	-.01884	.00301	.06489	.49214
18.900	-1.421	5.95560	2.39840	2.04930	124.51000	.08254	.04675	-.01747	.00279	.06548	.42357
18.900	-.953	5.95700	2.40980	2.04870	124.60000	.08248	.04856	-.01656	.00265	.06621	.40458
18.900	-.348	5.95850	2.38570	2.04150	124.28000	.08214	.04654	-.01744	.00279	.06646	-.21945
18.900	.235	5.95860	2.39330	2.03830	124.10000	.08201	.04702	-.01717	.00274	.06661	.69412
18.900	.553	5.95960	2.37600	2.03550	124.02000	.08187	.05228	-.01454	.00232	.06676	.62277
18.900	1.137	5.96140	2.38370	2.03710	124.26000	.08189	.05322	-.01407	.00225	.06609	.58080
18.900	1.908	5.96150	2.38520	2.04240	124.60000	.08210	.05430	-.01361	.00218	.06526	.55545
18.900	2.299	5.96070	2.39240	2.04870	124.92000	.08238	.05418	-.01376	.00220	.06513	.55937
18.900	2.831	5.96210	2.39920	2.05220	125.25000	.08249	.05581	-.01299	.00208	.06481	.56141
18.900	3.332	5.96150	2.40460	2.05440	125.33000	.08258	.05385	-.01398	.00224	.06451	.56242
	GRADIENT	.00177	-.00319	-.00465	-.12794	-.00024	.00191	.00100	-.00016	-.00003	.03408

RUN NO. 202/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-3.351	5.94120	2.37180	2.08740	125.56000	.08448	.03492	-.02374	.00380	.06344	.52127
20.000	-2.891	5.94320	2.40660	2.10790	126.97000	.08525	.03516	-.02376	.00380	.06329	.51335
20.000	-2.327	5.94360	2.41470	2.11420	127.39000	.08550	.03643	-.02321	.00371	.06325	.50063
20.000	-1.983	5.94380	2.40410	2.09470	126.23000	.08470	.03597	-.02326	.00372	.06387	.49525
20.000	-1.617	5.94760	2.38550	2.06700	124.88000	.08348	.03399	-.02394	.00383	.06396	.48102
20.000	-1.111	5.94740	2.37920	2.06030	124.47000	.08321	.03335	-.02420	.00387	.06440	.42900
20.000	-.688	5.94760	2.38690	2.06000	124.47000	.08319	.03417	-.02380	.00380	.06455	.28448
20.000	-.020	5.93960	2.40950	2.10630	126.56000	.08529	.04016	-.02143	.00343	.06556	.93424
20.000	.230	5.94820	2.38200	2.06130	124.59000	.08323	.03003	-.02581	.00413	.06481	.72468
20.000	.522	5.95060	2.39540	2.05440	124.38000	.08288	.02986	-.02581	.00413	.06478	.64270
20.000	.778	5.95050	2.37680	2.05060	124.15000	.08273	.02995	-.02574	.00411	.06453	.60475
20.000	1.123	5.94880	2.36810	2.04050	123.39000	.08237	.03070	-.02532	.00405	.06437	.59262
20.000	1.550	5.95160	2.36650	2.03510	123.30000	.08208	.03046	-.02536	.00405	.06408	.56815
20.000	1.916	5.95270	2.37790	2.03100	123.15000	.08188	.03326	-.02394	.00383	.06353	.55357
20.000	2.323	5.95210	2.39010	2.03760	123.50000	.08217	.03531	-.02300	.00368	.06292	.53670
20.000	2.605	5.95120	2.42050	2.07230	125.52000	.08359	.03582	-.02305	.00369	.06304	.53835
20.000	2.991	5.95290	2.42960	2.08150	126.23000	.08391	.03582	-.02310	.00369	.06271	.54383
20.000	3.404	5.95320	2.43610	2.08400	126.41000	.08401	.03489	-.02357	.00377	.06328	.55082
20.000	3.779	5.95310	2.43820	2.08780	126.63000	.08416	.03450	-.02378	.00380	.06332	.55157
	GRADIENT	.00166	.00400	-.00474	-.14077	-.00024	-.00016	-.00002	.00000	-.00008	.01102

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 199/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-2.981	5.94430	2.31930	2.04640	123.36000	.08274	.04313	-.01935	.00309	.06546	.51612
21.000	-2.331	5.94550	2.32300	2.04230	123.22000	.08254	.04426	-.01874	.00300	.06577	.50501
21.000	-1.866	5.94520	2.36830	2.09560	126.41000	.08470	.04528	-.01881	.00301	.06557	.49371
21.000	-1.328	5.94690	2.39470	2.09980	126.81000	.08482	.04600	-.01849	.00295	.06571	.48900
21.000	-.957	5.94710	2.40110	2.10350	127.06000	.08496	.05003	-.01661	.00265	.06589	.47051
21.000	-.429	5.94840	2.39880	2.08940	126.31000	.08436	.04742	-.01768	.00283	.06583	.37452
21.000	-.068	5.93920	2.36390	2.08200	125.06000	.08432	.05367	-.01472	.00235	.06624	1.53350
21.000	.152	5.94930	2.40750	2.08150	125.91000	.08401	.04712	-.01773	.00283	.06578	.69319
21.000	.779	5.94880	2.40830	2.08050	125.81000	.08399	.04793	-.01733	.00277	.06527	.55988
21.000	1.139	5.95090	2.40590	2.07200	125.48000	.08359	.05280	-.01486	.00237	.06505	.55734
21.000	1.694	5.95280	2.39460	2.06290	125.09000	.08315	.05144	-.01538	.00246	.06589	.53930
21.000	2.185	5.95340	2.39260	2.05470	124.65000	.08262	.04456	-.01862	.00298	.06486	.53223
21.000	2.958	5.95650	2.40500	2.05280	124.80000	.08265	.04314	-.01925	.00308	.06508	.53370
21.000	3.273	5.95640	2.40750	2.05310	124.81000	.08267	.04332	-.01917	.00306	.06533	.53686
	GRADIENT	.00202	.01114	-.00281	.00403	-.00017	.00009	.00010	-.00002	-.00009	.00538

RUN NO. 200/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-2.882	5.94320	2.32490	2.07070	124.73000	.08375	.02820	-.02683	.00429	.06459	.48861
23.000	-2.436	5.94350	2.35240	2.08180	125.42000	.08419	.02772	-.02713	.00434	.06450	.47360
23.000	-1.635	5.94390	2.36510	2.08430	125.60000	.08428	.02958	-.02624	.00419	.06386	.47045
23.000	-1.336	5.94470	2.36950	2.07990	125.41000	.08408	.03094	-.02555	.00408	.06398	.46351
23.000	-.990	5.94520	2.38800	2.08050	125.49000	.08409	.03191	-.02508	.00401	.06390	.43949
23.000	-.670	5.94700	2.39080	2.08110	125.69000	.08406	.03232	-.02486	.00397	.06373	.38170
23.000	-.314	5.94540	2.38950	2.07670	125.29000	.08393	.03283	-.02461	.00393	.06380	.15442
23.000	-.068	5.94040	2.36130	2.11900	127.39000	.08578	.04401	-.01971	.00315	.06477	1.15600
23.000	.403	5.94780	2.43320	2.07170	125.19000	.08366	.03310	-.02440	.00390	.06352	.54863
23.000	.770	5.95040	2.41920	2.06600	125.07000	.08336	.03317	-.02429	.00388	.06350	.52979
23.000	1.136	5.95110	2.41220	2.05500	124.47000	.08289	.03236	-.02459	.00393	.06383	.52502
23.000	1.754	5.95200	2.40150	2.04140	123.72000	.08232	.03088	-.02520	.00403	.06394	.50712
23.000	2.263	5.95190	2.40290	2.04080	123.68000	.08230	.02852	-.02635	.00421	.06417	.50502
23.000	2.772	5.95280	2.39810	2.04620	124.08000	.08249	.02708	-.02708	.00433	.06426	.51465
23.000	3.306	5.95510	2.42160	2.05660	124.91000	.08285	.02636	-.02747	.00439	.06450	.52233
	GRADIENT	.00204	.01219	-.00690	-.23942	-.00034	-.00027	-.00006	.00001	-.00001	.01192

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ032) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 186/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-2.812	5.94240	2.39650	2.09970	126.41000	.08494	.03120	-.02560	.00409	.06335	.46544
24.900	-2.339	5.94400	2.37020	2.09750	126.41000	.08481	.03183	-.02526	.00404	.06338	.45392
24.900	-1.803	5.94570	2.36870	2.09500	126.41000	.08466	.03231	-.02499	.00399	.06313	.39726
24.900	-1.300	5.95350	2.38190	2.09730	127.24000	.08453	.03346	-.02435	.00389	.06323	.34550
24.900	-.770	5.94900	2.41160	2.10260	127.16000	.08487	.03491	-.02377	.00380	.06289	.20229
24.900	-.424	5.95280	2.41960	2.10930	127.91000	.08503	.03578	-.02335	.00373	.06283	-.26761
24.900	-.036	5.94000	2.44610	2.09530	125.93000	.08484	.04593	-.01857	.00297	.06361	.89743
24.900	.215	5.95280	2.45410	2.11620	128.32000	.08531	.03635	-.02314	.00370	.06323	.60410
24.900	.860	5.95430	2.44210	2.12220	128.82000	.08551	.03596	-.02335	.00373	.06266	.44669
24.900	1.243	5.95380	2.44070	2.12570	128.99000	.08567	.03521	-.02374	.00379	.06294	.45628
24.900	1.762	5.95560	2.45090	2.12570	129.15000	.08561	.03394	-.02431	.00389	.06335	.47088
24.900	2.303	5.95850	2.44840	2.12700	129.48000	.08558	.03283	-.02480	.00396	.06359	.49743
24.900	2.928	5.95930	2.45100	2.12730	129.58000	.08557	.03177	-.02529	.00404	.06378	.50479
24.900	3.296	5.95970	2.45230	2.12950	129.75000	.08565	.03156	-.02540	.00406	.06424	.50821
	GRADIENT	.00271	.01415	.00648	.63277	.00018	-.00001	-.00002	.00000	.00010	.02603

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 192/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
15.600	-2.952	5.94830	2.30670	2.05120	123.99000	.08282	.04387	-.01899	.00303	.06571	.55177
15.600	-2.419	5.95040	2.30670	2.05090	124.16000	.08275	.04490	-.01845	.00295	.06590	.53670
15.600	-1.845	5.94950	2.31360	2.06890	125.16000	.08350	.04520	-.01851	.00296	.06646	.49285
15.600	-1.214	5.95080	2.34560	2.08630	126.33000	.08416	.04195	-.02024	.00323	.06822	.43809
15.600	-.578	5.95330	2.36830	2.09350	126.99000	.08439	.03941	-.02148	.00343	.06856	.27211
15.600	-.041	5.94170	2.35410	2.04420	123.01000	.08272	.03917	-.02130	.00341	.06868	.94601
15.600	.166	5.95440	2.37860	2.08120	126.34000	.08386	.03453	-.02370	.00379	.06848	.73818
15.600	.698	5.95520	2.40120	2.08500	126.65000	.08399	.03915	-.02151	.00344	.06827	.60369
15.600	1.184	5.95530	2.42000	2.08380	126.66000	.08391	.04243	-.01991	.00318	.06867	.58262
15.600	1.676	5.95710	2.42650	2.08540	126.83000	.08395	.04330	-.01949	.00312	.06777	.59127
15.600	2.193	5.95940	2.42340	2.08600	127.09000	.08391	.04411	-.01908	.00305	.06659	.58383
15.600	2.741	5.95300	2.43650	2.09360	127.41000	.08425	.04583	-.01835	.00293	.06599	.58868
15.600	3.310	5.96070	2.44310	2.09640	127.82000	.08429	.04577	-.01837	.00294	.06534	.59142
	GRADIENT	.00199	.02478	.00618	.55014	.00019	.00020	.00006	-.00001	-.00001	.01749

RUN NO. 193/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.900	-2.988	5.95190	2.26900	2.05880	124.76000	.08302	.04503	-.01845	.00295	.06483	.53983
16.900	-2.423	5.95130	2.31010	2.07460	125.66000	.08368	.04611	-.01811	.00289	.06504	.51525
16.900	-1.913	5.95160	2.31960	2.07960	126.00000	.08387	.04639	-.01803	.00288	.06610	.46021
16.900	-1.285	5.95530	2.33240	2.05380	124.75000	.08273	.04099	-.02032	.00325	.06799	.39665
16.900	-.896	5.95500	2.35190	2.05690	124.92000	.08286	.03979	-.02094	.00335	.06823	.32281
16.900	-.331	5.95720	2.38630	2.06320	125.50000	.08305	.03795	-.02186	.00349	.06838	-.45495
16.900	-.082	5.94540	2.25220	2.02400	122.10000	.08180	.04174	-.01979	.00316	.06873	1.00070
16.900	.120	5.95750	2.38870	2.06290	125.50000	.08303	.03698	-.02232	.00357	.06813	.71596
16.900	.643	5.95750	2.39400	2.06420	125.58000	.08308	.04003	-.02086	.00333	.06805	.56920
16.900	1.167	5.95910	2.38700	2.06320	125.66000	.08300	.04470	-.01856	.00297	.06780	.54310
16.900	1.676	5.96120	2.39580	2.06990	126.24000	.08321	.04675	-.01762	.00282	.06665	.53263
16.900	2.273	5.96150	2.39790	2.07210	126.41000	.08329	.04687	-.01758	.00281	.06534	.56188
16.900	2.938	5.96260	2.39850	2.07460	126.66000	.08336	.04762	-.01723	.00275	.06435	.57333
16.900	3.525	5.95320	2.40020	2.07370	126.66000	.08331	.04756	-.01724	.00276	.06450	.57741
	GRADIENT	.00202	.01906	.00149	.26789	.00000	.00059	.00020	.00005	-.00017	.02559

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 197/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-3.022	5.94270	2.32510	2.04550	123.17000	.08274	.05054	-.01574	.00252	.06590	.51340
18.900	-2.416	5.94430	2.33150	2.05370	123.80000	.08303	.05133	-.01544	.00247	.06592	.47025
18.900	-1.962	5.94550	2.36210	2.05500	123.98000	.08305	.05268	-.01478	.00236	.06695	.41607
18.900	-1.133	5.94680	2.34830	2.05750	124.24000	.08311	.05256	-.01485	.00237	.06782	.16691
18.900	-.894	5.94840	2.34440	2.06320	124.73000	.08330	.05250	-.01493	.00239	.06799	.05744
18.900	-.483	5.94620	2.37780	2.07200	125.06000	.08372	.05295	-.01485	.00237	.06849	-1.10770
18.900	-.025	5.93610	2.32160	2.02020	121.09000	.08190	.04871	-.01643	.00263	.06775	.93819
18.900	.645	5.94860	2.39720	2.08340	125.95000	.08411	.05049	-.01614	.00258	.06806	.49012
18.900	1.192	5.94800	2.40910	2.08750	126.16000	.08429	.05371	-.01465	.00234	.06763	.45886
18.900	1.582	5.95130	2.40860	2.08650	126.39000	.08416	.05672	-.01315	.00210	.06649	.46783
18.900	2.005	5.94930	2.41090	2.08680	126.24000	.08423	.05792	-.01261	.00201	.06600	.50403
18.900	2.267	5.95060	2.40780	2.08840	126.45000	.08423	.05801	-.01256	.00201	.06565	.51867
18.900	2.568	5.95260	2.41060	2.08880	126.64000	.08421	.05684	-.01311	.00209	.06535	.53011
18.900	3.100	5.95100	2.39900	2.08310	126.16000	.08403	.05602	-.01344	.00215	.06512	.54434
18.900	3.482	5.95280	2.40170	2.08340	126.34000	.08399	.05639	-.01325	.00212	.06535	.55122
	GRADIENT	.00145	.01402	.00715	.55868	.00025	.00108	.00045	-.00007	-.00025	.04987

RUN NO. 178/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-3.096	5.94480	2.27120	2.06570	124.56000	.08350	.03175	-.02505	.00400	.06548	.50896
20.000	-2.458	5.94730	2.30120	2.07640	125.43000	.08386	.03217	-.02490	.00398	.06561	.45877
20.000	-1.852	5.94920	2.31820	2.07490	125.50000	.08375	.03208	-.02490	.00398	.06604	.38868
20.000	-1.476	5.94970	2.32680	2.07330	125.45000	.08367	.03153	-.02515	.00402	.06619	.30676
20.000	-.918	5.95180	2.36240	2.07680	125.85000	.08375	.03154	-.02514	.00402	.06628	-.06534
20.000	-.479	5.95330	2.37990	2.08560	126.51000	.08407	.03223	-.02485	.00397	.06605	-.58843
20.000	-.041	5.94200	2.33640	2.09370	126.01000	.08471	.03814	-.02225	.00356	.06740	.93425
20.000	.178	5.95350	2.40480	2.09350	127.01000	.08438	.03205	-.02500	.00400	.06597	.73776
20.000	.912	5.95650	2.42560	2.09190	127.18000	.08423	.03235	-.02480	.00396	.06571	.34430
20.000	1.204	5.95430	2.42570	2.09350	127.08000	.08436	.03293	-.02457	.00393	.06536	.38385
20.000	1.685	5.95730	2.44200	2.09760	127.59000	.08444	.03521	-.02347	.00375	.06490	.45327
20.000	2.239	5.95800	2.45620	2.10580	128.16000	.08475	.03693	-.02270	.00363	.06453	.49462
20.000	2.768	5.96000	2.46340	2.10870	128.50000	.08481	.03645	-.02293	.00367	.06438	.52109
20.000	3.217	5.96010	2.45920	2.10710	128.42000	.08474	.03573	-.02326	.00372	.06414	.53738
	GRADIENT	.00237	.03186	.00675	.61842	.00021	.00080	.00036	-.00006	-.00028	.03209

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 198/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-2.986	5.94570	2.31360	2.05680	124.11000	.08312	.04428	-.01888	.00302	.06736	.49825
21.000	-2.499	5.94640	2.33000	2.06820	124.85000	.08356	.04506	-.01861	.00298	.06691	.46729
21.000	-1.797	5.94610	2.33990	2.07070	124.98000	.08367	.04745	-.01749	.00280	.06738	.39123
21.000	-1.525	5.94700	2.37080	2.07330	125.22000	.08374	.04750	-.01748	.00279	.06729	.35038
21.000	-.965	5.94700	2.37830	2.06820	124.91000	.08354	.04892	-.01674	.00268	.06713	.19292
21.000	-.438	5.95150	2.37390	2.06450	125.07000	.08326	.05286	-.01473	.00235	.06726	.03700
21.000	-.057	5.94340	2.31130	2.05590	123.86000	.08314	.05379	-.01428	.00228	.06830	.69254
21.000	.151	5.94890	2.40260	2.07230	125.33000	.08365	.05015	-.01617	.00258	.06747	.47685
21.000	.705	5.95130	2.41250	2.07330	125.59000	.08363	.05298	-.01478	.00236	.06725	.44614
21.000	1.195	5.95040	2.40080	2.06890	125.24000	.08347	.04745	-.01741	.00278	.06668	.37280
21.000	1.692	5.95450	2.40760	2.06730	125.51000	.08323	.04684	-.01763	.00282	.06664	.43859
21.000	2.347	5.95380	2.42080	2.07020	125.62000	.08343	.04711	-.01754	.00280	.06605	.49133
21.000	2.840	5.95390	2.40920	2.07550	125.95000	.08364	.04684	-.01773	.00283	.06632	.51638
21.000	3.405	5.95580	2.42220	2.08090	126.45000	.08380	.04524	-.01853	.00296	.06665	.53426
	GRADIENT	.00165	.01634	.00184	.25550	.00003	.00005	.00003	-.00000	-.00016	.01953

RUN NO. 201/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-3.102	5.93900	2.37190	2.10890	126.65000	.08541	.02781	-.02732	.00437	.06559	.48998
23.000	-2.530	5.93990	2.32240	2.04830	123.10000	.08293	.02717	-.02723	.00435	.06536	.46497
23.000	-2.074	5.94070	2.33180	2.05080	123.32000	.08301	.02715	-.02724	.00435	.06508	.44126
23.000	-1.733	5.94120	2.32880	2.05400	123.55000	.08313	.02745	-.02711	.00433	.06496	.41154
23.000	-1.434	5.94310	2.33570	2.04990	123.47000	.08291	.02772	-.02692	.00430	.06493	.37252
23.000	-1.120	5.94390	2.34040	2.04360	123.15000	.08263	.02898	-.02625	.00420	.06457	.37596
23.000	-.806	5.94300	2.33540	2.03630	122.64000	.08236	.03094	-.02525	.00404	.06462	.33548
23.000	-.309	5.94550	2.33260	2.01800	121.75000	.08155	.03256	-.02428	.00388	.06511	.05390
23.000	-.058	5.93580	2.32920	2.06310	123.64000	.08365	.04651	-.01800	.00288	.06607	-.13330
23.000	.204	5.94370	2.40900	2.09000	125.94000	.08451	.03301	-.02464	.00394	.06450	.36263
23.000	.471	5.94550	2.43710	2.10830	127.20000	.08520	.03382	-.02437	.00390	.06422	.40046
23.000	.837	5.94630	2.46120	2.11990	127.97000	.08565	.03372	-.02450	.00392	.06452	.47528
23.000	1.126	5.94760	2.47750	2.12820	128.58000	.08595	.03142	-.02562	.00410	.06446	.44489
23.000	1.393	5.94880	2.48970	2.13230	128.94000	.08608	.03009	-.02626	.00420	.06451	.46077
23.000	1.780	5.94770	2.49420	2.13730	129.15000	.08631	.02916	-.02674	.00427	.06447	.47138
23.000	2.090	5.94340	2.49080	2.13320	129.05000	.08610	.02848	-.02701	.00432	.06467	.48402
23.000	2.552	5.94920	2.47370	2.11780	128.09000	.08548	.02768	-.02729	.00436	.06529	.50103
23.000	2.903	5.94890	2.45330	2.09600	126.75000	.08461	.02690	-.02753	.00440	.06558	.51566
23.000	3.475	5.95000	2.45010	2.08190	126.60000	.08441	.02678	-.02755	.00440	.06594	.53185
	GRADIENT	.00179	.02949	.01205	.88286	.00044	.00002	-.00005	.00001	-.00000	.01956

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ033) (28 OCT 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 184/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-3.011	5.94860	2.31180	2.06890	125.08000	.08352	.03452	-.02369	.00379	.06601	.48898
24.900	-2.513	5.94980	2.34950	2.08500	126.16000	.08414	.03332	-.02438	.00390	.06502	.47075
24.900	-1.977	5.94950	2.38600	2.07990	125.83000	.08394	.03398	-.02402	.00384	.06452	.43175
24.900	-1.399	5.95070	2.40880	2.06820	125.23000	.08344	.03498	-.02343	.00375	.06409	.36552
24.900	-.896	5.95510	2.42660	2.05980	125.10000	.08298	.05247	-.01481	.00237	.06552	.17091
24.900	-.460	5.95600	2.45800	2.04750	124.43000	.08245	.05301	-.01438	.00230	.06533	-1.03580
24.900	-.010	5.94970	2.30120	2.04960	124.02000	.08272	.05346	-.01427	.00228	.06538	.86023
24.900	.802	5.95760	2.47290	2.04650	124.51000	.08237	.03967	-.02086	.00333	.06407	.43654
24.900	1.048	5.95740	2.47230	2.04270	124.26000	.08222	.03832	-.02149	.00344	.06425	.44446
24.900	1.768	5.95750	2.46680	2.03740	123.95000	.08201	.03735	-.02192	.00350	.06462	.50488
24.900	2.240	5.95970	2.46590	2.03680	124.10000	.08192	.03696	-.02207	.00353	.06501	.51055
24.900	2.839	5.96050	2.45570	2.03830	124.26000	.08196	.03714	-.02199	.00351	.06572	.52371
24.900	3.384	5.96060	2.44660	2.03960	124.35000	.08201	.03690	-.02212	.00354	.06653	.53058
	GRADIENT	.00201	.02029	-.00729	-.26763	-.00035	.00005	.00011	-.00002	.00007	.03449

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ034) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 4.500
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 180/ 0 RN/L = 4.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.500	-3.004	5.97440	4.47460	4.10000	252.38000	.16409	.04736	-.02847	.00455	.06248	.50989
20.500	-2.540	5.97500	4.44440	4.03830	248.67000	.16160	.04654	-.02849	.00455	.06262	.47605
20.500	-2.018	5.97800	4.44660	4.04770	249.77000	.16181	.04549	-.02874	.00459	.06257	.40924
20.500	-1.392	5.97820	4.41960	4.03100	248.77000	.16113	.04558	-.02867	.00458	.06292	.26539
20.500	- 856	5.98050	4.36700	3.98820	246.53000	.15929	.04567	-.02849	.00455	.06294	-.00810
20.500	-.448	5.98250	4.42200	4.03730	249.91000	.16115	.04588	-.02855	.00456	.06277	-1.07520
20.500	-.024	5.97090	4.40800	4.03300	247.64000	.16160	.05653	-.02605	.00416	.06312	.96342
20.500	.702	5.98780	4.44900	4.04890	251.55000	.16133	.04681	-.02828	.00452	.06260	.32853
20.500	1.184	5.98930	4.46870	4.04690	251.68000	.16116	.04624	-.02840	.00454	.06236	.37272
20.500	1.794	5.99060	4.43440	4.02590	250.60000	.16026	.04859	-.02774	.00443	.06194	.44426
20.500	2.141	5.99120	4.42700	4.01130	249.80000	.15965	.05053	-.02720	.00435	.06206	.47471
20.500	2.862	5.99110	4.41200	4.00190	249.19000	.15928	.05192	-.02683	.00429	.06209	.52286
20.500	3.388	5.99250	4.41930	3.99670	249.11000	.15900	.05156	-.02688	.00430	.06237	.54150
	GRADIENT	.00315	-.00309	-.00865	.00913	-.00051	.00083	.00028	-.00004	-.00010	.03423

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ035) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 206/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.132	5.94470	2.35010	2.06280	124.38000	.08339	.03444	-.02373	.00379	.06032	.44100
20.000	-1.930	5.94670	2.33980	2.05910	124.33000	.08318	.03525	-.02328	.00372	.06048	.43798
20.000	-1.616	5.94460	2.33450	2.05090	123.65000	.08291	.03585	-.02295	.00367	.06067	.42135
20.000	-1.256	5.94760	2.33190	2.04770	123.72000	.08270	.03628	-.02267	.00362	.06038	.38401
20.000	-1.001	5.94630	2.34660	2.04830	123.65000	.08276	.03642	-.02262	.00362	.06035	.34306
20.000	-.761	5.94810	2.35910	2.05240	124.05000	.08287	.03655	-.02257	.00361	.06080	.27519
20.000	-.526	5.94940	2.36890	2.05500	124.31000	.08294	.03663	-.02253	.00360	.06191	.17634
20.000	-.240	5.94970	2.38120	2.06000	124.65000	.08314	.03682	-.02249	.00359	.06195	-.46112
20.000	.026	5.94930	2.39590	2.06440	124.88000	.08332	.03691	-.02248	.00359	.06198	.86259
20.000	.287	5.95090	2.40140	2.06380	124.98000	.08326	.03703	-.02240	.00358	.06194	.59767
20.000	.579	5.95120	2.41160	2.06040	124.80000	.08311	.03709	-.02234	.00357	.06197	53649
20.000	.798	5.95220	2.39570	2.05850	124.77000	.08300	.03720	-.02225	.00356	.06173	.51869
20.000	1.033	5.95140	2.40070	2.05910	124.74000	.08305	.03732	-.02221	.00355	.06160	.51129
20.000	1.288	5.95230	2.40530	2.05880	124.80000	.08301	.03739	-.02216	.00354	.06166	.51420
20.000	1.539	5.95270	2.41190	2.06260	125.06000	.08315	.03748	-.02215	.00354	.06145	.51108
20.000	1.779	5.94970	2.41040	2.06510	124.95000	.08334	.03756	-.02217	.00354	.06175	.50888
	GRADIENT	.00188	.02222	.00226	.29867	.00004	.00063	.00031	-.00005	.00040	.05101

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ036) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 706/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.350	5.95430	2.43070	2.07430	125.91000	.08358	.03844	-.02176	.00348	.06046	.39690
20.000	-.761	5.95320	2.42230	2.07140	125.64000	.08350	.03832	-.02181	.00349	.06073	.29958
20.000	-.557	5.95370	2.41990	2.06670	125.40000	.08329	.03820	-.02182	.00349	.06164	.20191
20.000	-.344	5.95240	2.41540	2.06510	125.19000	.08326	.03816	-.02184	.00349	.06168	.02615
20.000	-.083	5.95220	2.41650	2.06540	125.19000	.08328	.03817	-.02184	.00349	.06190	1.51690
20.000	.219	5.95200	2.41920	2.06700	125.27000	.08335	.03798	-.02195	.00351	.06173	.63625
20.000	.537	5.95090	2.42230	2.06860	125.27000	.08345	.03790	-.02202	.00352	.06167	.53182
20.000	.923	5.95260	2.42180	2.07140	125.59000	.08351	.03784	-.02205	.00352	.06145	.51553
20.000	1.226	5.95150	2.41860	2.07050	125.44000	.08350	.03771	-.02212	.00354	.06138	.51373
20.000	1.565	5.95170	2.41790	2.06700	125.24000	.08336	.03766	-.02211	.00353	.06171	.51014
	GRADIENT	-.00088	-.00221	-.00070	-.11874	-.00003	-.00028	-.00014	.00002	.00029	.07826

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ037) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 207/ 0 RN/L = 2.32 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.389	5.94680	2.34150	2.00800	121.26000	.08111	.03738	-.02178	.00348	.06375	.44982
20.000	-1.689	5.94980	2.34650	2.01370	121.85000	.08126	.03747	-.02175	.00348	.06575	.34500
20.000	-1.157	5.94820	2.38520	2.07390	125.35000	.08374	.03756	-.02227	.00356	.06532	.26820
20.000	-.619	5.94880	2.29120	1.99530	120.66000	.08055	.03763	-.02151	.00344	.06610	-.00440
20.000	-.036	5.94770	2.41240	2.03890	123.19000	.08234	.03717	-.02215	.00354	.06581	.97832
20.000	.287	5.95270	2.30470	2.02850	123.00000	.08178	.03781	-.02168	.00346	.06608	.59951
20.000	.829	5.95190	2.28870	2.02530	122.74000	.08167	.03784	-.02164	.00346	.06630	.48137
20.000	1.387	5.95320	2.27960	2.02190	122.64000	.08150	.03790	-.02156	.00345	.06598	.48758
20.000	1.815	5.95410	2.26610	2.02090	122.65000	.08144	.03799	-.02150	.00344	.06531	.51056
	GRADIENT	.00161	-.02094	.00067	.17715	-.00002	.00014	.00008	-.00001	.00031	.05584

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ038) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 707/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.410	5.69760	1.96770	1.97370	100.00000	.08685	.03868	-.02441	.00390	.06437	.45726
20.000	-1.804	5.95660	2.13660	1.97550	120.11000	.07954	.03859	-.02073	.00331	.06662	.38062
20.000	-1.428	5.95700	2.16050	1.99290	121.20000	.08023	.03849	-.02094	.00335	.06660	.31922
20.000	-1.011	5.95770	2.21120	2.01240	122.45000	.08100	.03837	-.02118	.00339	.06625	.23048
20.000	-.531	5.95700	2.22670	2.02350	123.05000	.08146	.03829	-.02133	.00341	.06636	-.23065
20.000	-.088	5.95550	2.23730	2.02410	122.97000	.08152	.03823	-.02139	.00342	.06676	1.25580
20.000	.568	5.95470	2.23810	2.02410	122.90000	.08155	.03817	-.02143	.00343	.06667	.50579
20.000	1.184	5.95450	2.24790	2.02190	122.75000	.08146	.03808	-.02146	.00343	.06634	.46645
	GRADIENT	.04240	.06249	.01582	4.22939	-.00057	-.00017	.00038	-.00006	.00035	.06869

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ039) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 211/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.494	5.94280	2.44610	2.07420	124.90000	.08390	.04575	-.01839	.00294	.06418	.46026
20.000	-2.113	5.93890	2.44130	2.07980	124.90000	.08424	.04579	-.01849	.00296	.06519	.42705
20.000	-1.648	5.94060	2.43550	2.08580	125.42000	.08443	.04590	-.01847	.00295	.06615	.35272
20.000	-1.282	5.94120	2.43660	2.08770	125.58000	.08449	.04605	-.01841	.00294	.06604	.32055
20.000	-1.016	5.94160	2.43630	2.08300	125.33000	.08429	.04614	-.01831	.00293	.06603	.29102
20.000	-.656	5.94810	2.41590	2.06790	124.98000	.08350	.04618	-.01805	.00288	.06659	.15516
20.000	-.412	5.94720	2.41850	2.06660	124.83000	.08347	.04626	-.01800	.00288	.06673	-.00344
20.000	-.042	5.93990	2.44690	2.05650	123.59000	.08327	.03822	-.02191	.00350	.06561	1.10800
20.000	.235	5.94550	2.41580	2.07200	125.00000	.08374	.04663	-.01791	.00286	.06676	.59087
20.000	.620	5.94660	2.42040	2.07450	125.25000	.08381	.04678	-.01785	.00285	.06660	.46697
20.000	.871	5.94760	2.43040	2.07420	125.32000	.08377	.04675	-.01785	.00285	.06664	.45579
20.000	1.173	5.94680	2.42220	2.07420	125.25000	.08379	.04687	-.01780	.00285	.06650	.45141
20.000	1.455	5.94870	2.42280	2.07010	125.17000	.08357	.04699	-.01767	.00282	.06626	.47866
20.000	1.763	5.94920	2.42370	2.06920	125.15000	.08352	.04708	-.01761	.00281	.06575	.49785
20.000	2.077	5.94960	2.42160	2.07010	125.25000	.08355	.04714	-.01759	.00281	.06523	.51553
	GRADIENT	.00206	-.00466	-.00257	.02371	-.00016	.00031	.00021	-.00003	.00019	.04043

LA141B(20-M6-6546) (B62C12F10)(W127E43)(V8R5) (SKZ040) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 711/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.035	5.95360	2.43880	2.08470	126.48000	.08402	.04822	-.01717	.00274	.06570	.42589
20.000	-1.658	5.95330	2.44030	2.08150	126.26000	.08390	.04813	-.01718	.00275	.06636	.36120
20.000	-1.282	5.95270	2.44030	2.07800	126.00000	.08378	.04810	-.01717	.00274	.06596	.32764
20.000	-.959	5.95380	2.43750	2.07610	125.98000	.08367	.04795	-.01720	.00275	.06609	.29426
20.000	-.604	5.95400	2.43510	2.07610	126.00000	.08367	.04795	-.01720	.00275	.06663	.13999
20.000	-.203	5.95180	2.43470	2.07770	125.90000	.08379	.04783	-.01731	.00277	.06680	-.52611
20.000	.068	5.95340	2.44320	2.07840	126.08000	.08377	.04777	-.01732	.00277	.06695	.74626
20.000	.412	5.95200	2.44070	2.08020	126.07000	.08389	.04768	-.01740	.00278	.06661	.48715
20.000	.740	5.95150	2.43730	2.08090	126.07000	.08393	.04759	-.01746	.00279	.06660	.45581
20.000	1.064	5.95140	2.43720	2.07990	126.00000	.08389	.04747	-.01751	.00280	.06651	.44575
20.000	1.388	5.95060	2.42860	2.07550	125.67000	.08373	.04738	-.01751	.00280	.06631	.47556
20.000	1.743	5.94980	2.42880	2.07390	125.50000	.08369	.04729	-.01755	.00281	.06581	.49540
	GRADIENT	-.00094	-.00218	-.00128	-.15792	-.00003	-.00025	-.00012	.00002	.00008	.05429

LA141B(20-M6-6546) (B62C12F10)(W127E43) (SKZ041) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 210/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.123	5.94160	2.36440	2.05400	123.59000	.08312	.04413	-.01898	.00303	.06068	.41903
20.000	-1.815	5.94090	2.37790	2.05620	123.66000	.08323	.04434	-.01891	.00302	.06061	.41586
20.000	-1.450	5.94230	2.36620	2.05710	123.84000	.08322	.04440	-.01888	.00302	.06101	.40813
20.000	-1.116	5.94280	2.38340	2.06060	124.08000	.08335	.04449	-.01886	.00301	.06074	.40179
20.000	-.715	5.94390	2.37090	2.06310	124.33000	.08342	.04461	-.01881	.00301	.06078	.37691
20.000	-.412	5.94270	2.38640	2.06600	124.40000	.08357	.04473	-.01880	.00301	.06086	.34144
20.000	-.036	5.93470	2.38950	2.04730	122.59000	.08304	.04373	-.01920	.00307	.06061	.91163
20.000	.417	5.94560	2.41610	2.07420	125.15000	.08382	.04506	-.01869	.00299	.06112	.50419
20.000	.887	5.94260	2.41800	2.08020	125.25000	.08415	.04527	-.01869	.00299	.06119	.46787
20.000	1.174	5.94430	2.43300	2.08330	125.58000	.08423	.04536	-.01866	.00298	.06111	.46513
20.000	1.492	5.94410	2.42510	2.08780	125.83000	.08441	.04548	-.01865	.00298	.06116	.46372
20.000	1.748	5.94600	2.43930	2.08900	126.08000	.08441	.04554	-.01861	.00297	.06123	.45830
20.000	1.982	5.94520	2.43710	2.09030	126.08000	.08448	.04572	-.01854	.00296	.06121	.45526
	GRADIENT	.00091	.01929	.00950	.64976	.00036	.00037	.00009	-.00001	.00014	.01811

LA141B(20-M6-6546) (B62C12F10)(W127E43) (SKZ042) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 710/ 0 RN/L = 2.44 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.165	5.95190	2.42430	2.06950	125.42000	.08346	.04711	-.01756	.00281	.06077	.42036
20.000	-1.826	5.95090	2.42360	2.07110	125.42000	.08355	.04702	-.01764	.00282	.06098	.41689
20.000	-1.570	5.95060	2.42340	2.06980	125.32000	.08350	.04702	-.01763	.00282	.06118	.41484
20.000	-1.294	5.95200	2.42770	2.07230	125.60000	.08357	.04693	-.01768	.00283	.06097	.40921
20.000	-1.090	5.94990	2.43140	2.07960	125.85000	.08392	.04674	-.01788	.00286	.06081	.40283
20.000	-.803	5.95040	2.44010	2.07990	125.92000	.08392	.04669	-.01790	.00286	.06112	.38147
20.000	-.522	5.95070	2.44470	2.08340	126.15000	.08405	.04660	-.01798	.00287	.06113	.35531
20.000	-.297	5.94950	2.44110	2.08240	125.98000	.08405	.04645	-.01806	.00289	.06115	.27034
20.000	-.042	5.94920	2.45900	2.08720	126.25000	.08424	.04642	-.01812	.00290	.06096	1.44170
20.000	.292	5.94860	2.45030	2.08810	126.25000	.08430	.04629	-.01820	.00291	.06095	.53522
20.000	.574	5.94850	2.45560	2.09090	126.41000	.08442	.04623	-.01826	.00292	.06116	.49041
20.000	.835	5.94750	2.45050	2.09380	126.50000	.08455	.04605	-.01839	.00294	.06110	.47530
20.000	1.132	5.94710	2.44630	2.09190	126.35000	.08449	.04590	-.01845	.00295	.06112	.46818
20.000	1.450	5.94640	2.44380	2.09120	126.25000	.08449	.04587	-.01846	.00295	.06109	.46440
20.000	1.706	5.94650	2.44290	2.09090	126.23000	.08447	.04579	-.01850	.00296	.06088	.46089
	GRADIENT	-.00144	.00723	.00676	.28233	.00031	-.00036	-.00027	.00004	.00003	.03295

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ043) 29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 205/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.009	5.94330	2.36770	2.06350	124.30000	.08345	.03950	-.02130	.00340	.06221	.51157
20.000	-1.790	5.94250	2.34500	2.03730	122.65000	.08242	.03928	-.02117	.00338	.06242	.51067
20.000	-1.471	5.94310	2.35760	2.04330	123.07000	.08264	.03953	-.02110	.00337	.06242	.50508
20.000	-1.148	5.94460	2.36080	2.04710	123.43000	.08275	.03970	-.02103	.00336	.06249	.48057
20.000	-.824	5.94590	2.35540	2.04860	123.64000	.08278	.04037	-.02070	.00331	.06280	.43491
20.000	-.485	5.94580	2.36490	2.04610	123.47000	.08268	.03935	-.02118	.00339	.06296	.31145
20.000	-.021	5.93900	2.32740	2.00630	120.49000	.08126	.04934	-.01591	.00254	.06455	.94466
20.000	.261	5.94730	2.37860	2.04800	123.72000	.08272	.02983	-.02582	.00413	.06348	.63003
20.000	.501	5.94760	2.37570	2.04330	123.76000	.08272	.03440	-.02359	.00377	.06262	.57335
20.000	.783	5.94910	2.38230	2.05250	124.13000	.08285	.03971	-.02102	.00336	.06273	.56666
20.000	1.080	5.94930	2.39350	2.05590	124.37000	.08293	.04043	-.02069	.00331	.06263	.56067
20.000	1.300	5.94900	2.39550	2.05940	124.55000	.08313	.03995	-.02097	.00335	.06247	.55754
20.000	1.785	5.94980	2.39840	2.06410	124.91000	.08330	.03835	-.02178	.00348	.06217	.55602
	GRADIENT	.00194	.01183	.00287	.34147	.00006	-.00037	-.00018	.00003	.00005	.03129

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ044) (29 SEP 80)

REFERENCE DATA

SREF = 2600.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = .000
RUDDER = .100 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 705/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.978	5.95330	2.43030	2.06860	125.48000	.08338	.03998	-.02098	.00335	.06220	.51013
20.000	-1.696	5.95290	2.43510	2.06920	125.48000	.08342	.04034	-.02082	.00333	.06228	.50890
20.000	-1.461	5.95190	2.43250	2.07080	125.49000	.08351	.04079	-.02063	.00330	.06233	.50794
20.000	-1.158	5.95240	2.44340	2.07390	125.73000	.08362	.04058	-.02075	.00332	.06243	.48760
20.000	-.856	5.95150	2.44530	2.07460	125.69000	.08367	.04061	-.02076	.00332	.06250	.45633
20.000	-.558	5.95110	2.44080	2.07520	125.69000	.08371	.03931	-.02139	.00342	.06260	.38638
20.000	-.318	5.95090	2.43780	2.07270	125.52000	.08361	.03473	-.02358	.00377	.06259	.14500
20.000	-.094	5.95160	2.43100	2.06760	125.27000	.08339	.03030	-.02567	.00410	.06285	1.37010
20.000	.126	5.95070	2.42630	2.06480	125.02000	.08330	.03142	-.02513	.00402	.06339	.69315
20.000	.392	5.95160	2.41490	2.06380	125.05000	.08323	.03585	-.02296	.00367	.06327	.60773
20.000	.642	5.95240	2.40830	2.06130	124.96000	.08311	.04070	-.02057	.00329	.06261	.57285
20.000	.966	5.95210	2.41170	2.06070	124.89000	.08309	.04046	-.02069	.00331	.06257	.56496
20.000	1.227	5.95190	2.40690	2.06350	125.05000	.08322	.03983	-.02103	.00336	.06246	.56130
20.000	1.576	5.95130	2.40630	2.06320	124.98000	.08322	.03844	-.02170	.00347	.06235	.55820
	GRADIENT	-.00030	-.01019	-.00323	-.22175	-.00012	-.00065	-.00029	.00005	.00011	.04044

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ045) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 203/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.045	5.94390	2.40500	2.12210	127.89000	.08581	.03486	-.02401	.00384	.06330	.49401
20.000	-1.581	5.94220	2.36300	2.07860	125.12000	.08410	.03382	-.02418	.00387	.06396	.48286
20.000	-1.289	5.94610	2.41950	2.12850	128.47000	.08600	.03299	-.02491	.00398	.06380	.45639
20.000	-.949	5.94700	2.37310	2.07860	125.53000	.08396	.03413	-.02398	.00383	.06409	.39402
20.000	-.578	5.94840	2.35900	2.05810	124.42000	.08309	.03473	-.02350	.00376	.06458	.19977
20.000	-.291	5.94970	2.32070	2.03010	122.83000	.08193	.03329	-.02396	.00383	.06488	-1.16950
20.000	-.067	5.93950	2.39250	2.10510	126.47000	.08525	.04242	-.02035	.00325	.06542	.98879
20.000	.303	5.94990	2.42390	2.12030	128.31000	.08556	.03013	-.02614	.00418	.06460	.69778
20.000	.653	5.94920	2.43150	2.12600	128.59000	.08581	.03003	-.02624	.00419	.06426	.61361
20.000	1.003	5.95000	2.43520	2.13010	128.91000	.08595	.03106	-.02577	.00412	.06419	.59045
20.000	1.260	5.95050	2.43770	2.13070	128.99000	.08597	.03082	-.02588	.00414	.06404	.57556
20.000	1.634	5.95070	2.44130	2.12880	128.90000	.08568	.03106	-.02575	.00412	.06346	.56178
20.000	1.874	5.95110	2.43670	2.12380	128.63000	.08567	.03363	-.02450	.00392	.06308	.55108
20.000	2.104	5.95200	2.42310	2.10360	127.48000	.08483	.03600	-.02321	.00371	.06284	.53205
	GRADIENT	.00200	.01656	.00860	.69544	.00029	-.00052	-.00029	.00005	-.00015	.06743

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ046) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 703/ 0 RN/L = 2.42 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.161	5.95510	2.42310	2.07900	126.27000	.08375	.03566	-.02313	.00370	.06340	.49612
20.000	-1.526	5.95530	2.41600	2.07870	126.27000	.08373	.03350	-.02417	.00386	.06388	.49207
20.000	-1.221	5.95450	2.41980	2.08210	126.41000	.08389	.03305	-.02442	.00390	.06390	.45303
20.000	-.907	5.95510	2.42360	2.08720	126.77000	.08408	.03443	-.02379	.00380	.06400	.38651
20.000	-.615	5.95380	2.42530	2.09410	127.07000	.08440	.03359	-.02426	.00388	.06421	.24003
20.000	-.343	5.95450	2.43110	2.09820	127.39000	.08454	.03149	-.02528	.00404	.06409	-.49113
20.000	-.067	5.95330	2.43380	2.09890	127.32000	.08460	.03013	-.02595	.00415	.06445	1.10280
20.000	.183	5.95250	2.43110	2.10140	127.40000	.08472	.03031	-.02589	.00414	.06500	.74037
20.000	.549	5.95220	2.42380	2.10330	127.48000	.08481	.03103	-.02557	.00409	.06457	.63146
20.000	.872	5.95330	2.42360	2.10140	127.47000	.08470	.03137	-.02538	.00406	.06432	.59827
20.000	1.186	5.95320	2.42100	2.09820	127.26000	.08459	.03175	-.02518	.00402	.06398	.58443
20.000	1.457	5.95150	2.41770	2.09600	126.99000	.08453	.03326	-.02446	.00391	.06411	.56916
20.000	1.811	5.95230	2.41480	2.09600	127.06000	.08451	.03597	-.02316	.00370	.06336	.53440
20.000	2.104	5.95150	2.41770	2.09790	127.10000	.08461	.03663	-.02287	.00366	.06290	.53353
	GRADIENT	-.00091	-.00113	.00489	.21603	.00022	.00006	-.00002	.00000	-.00005	.05398

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ047) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 223/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
25.700	-2.127	5.94350	2.32360	2.05490	123.80000	.08310	.03537	-.02323	.00371	.06372	.42436
25.700	-1.802	5.94190	2.32750	2.04290	122.94000	.08266	.03578	-.02295	.00367	.06314	.40487
25.700	-1.602	5.94250	2.26940	2.00070	120.45000	.08094	.03581	-.02255	.00360	.06345	.38818
25.700	-1.285	5.94250	2.27520	1.99850	120.32000	.08085	.03631	-.02229	.00356	.06337	.34879
25.700	-.990	5.94320	2.27100	1.99880	120.40000	.08084	.03661	-.02213	.00354	.06334	.30745
25.700	-.706	5.94250	2.26940	1.99750	120.26000	.08081	.03684	-.02201	.00352	.06293	.23361
25.700	-.301	5.94490	2.27920	1.99090	120.07000	.08047	.03730	-.02169	.00347	.06322	.05640
25.700	.019	5.94030	2.36070	2.08800	125.52000	.08453	.04331	-.01974	.00316	.06345	-.93423
25.700	.408	5.94460	2.36610	2.07320	125.01000	.08381	.03817	-.02202	.00352	.06304	.50362
25.700	.934	5.94750	2.36220	2.05400	124.09000	.08295	.03804	-.02186	.00349	.06287	.39080
25.700	1.202	5.94810	2.36760	2.04580	123.65000	.08261	.03745	-.02207	.00353	.06298	.41002
25.700	1.449	5.94850	2.37290	2.04770	123.80000	.08267	.03697	-.02232	.00357	.06331	.42297
25.700	1.750	5.94880	2.37710	2.04650	123.75000	.08261	.03648	-.02254	.00360	.06327	.43557
	GRADIENT	.00174	.02544	.00991	.74694	.00035	.00053	.00019	-.00003	-.00009	.00140

RUN NO. 222/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
30.000	-2.199	5.93930	2.30110	2.00510	120.45000	.08120	.03961	-.02074	.00332	.06343	.49665
30.000	-1.915	5.94050	2.32650	2.02650	121.84000	.08204	.03958	-.02095	.00335	.06334	.49827
30.000	-1.405	5.94220	2.33060	2.03790	122.67000	.08245	.03949	-.02108	.00337	.06339	.49807
30.000	-1.053	5.94300	2.34630	2.05150	123.55000	.08298	.03908	-.02140	.00342	.06360	.49791
30.000	-.670	5.94310	2.34760	2.05620	123.84000	.08317	.03856	-.02169	.00347	.06343	.50242
30.000	-.380	5.94460	2.36020	2.05050	123.64000	.08289	.03811	-.02184	.00349	.06375	.48181
30.000	-.128	5.94430	2.34540	2.03730	122.81000	.08237	.03829	-.02163	.00346	.06358	.43929
30.000	.286	5.94590	2.33350	2.02470	122.18000	.08181	.03874	-.02127	.00340	.06396	.88709
30.000	.717	5.94620	2.34660	2.02780	122.40000	.08193	.03944	-.02096	.00335	.06356	.60604
30.000	1.006	5.94930	2.35920	2.03230	122.93000	.08203	.03949	-.02093	.00335	.06380	.57804
30.000	1.332	5.94690	2.36130	2.03950	123.17000	.08238	.03934	-.02110	.00337	.06393	.55106
30.000	1.600	5.94870	2.37140	2.04110	123.41000	.08240	.03925	-.02114	.00338	.06380	.53984
30.000	1.873	5.94920	2.37090	2.03920	123.35000	.08231	.03946	-.02101	.00336	.06375	.53086
	GRADIENT	.00233	.01246	.00250	.34919	.00004	.00000	.00001	-.00000	.00012	.02444

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ047) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 221/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
35.000	-1.761	5.94180	2.39150	2.05180	123.47000	.08302	.04212	-.01994	.00319	.06418	.49958
35.000	-1.522	5.94320	2.37670	2.04860	123.40000	.08286	.04157	-.02015	.00322	.06404	.50036
35.000	-1.246	5.94330	2.37890	2.05240	123.64000	.08301	.04194	-.02001	.00320	.06396	.49278
35.000	-1.044	5.94410	2.38580	2.05180	123.66000	.08206	.04238	-.01977	.00316	.06391	.48827
35.000	-.747	5.94370	2.37550	2.04930	123.48000	.08287	.04296	-.01947	.00311	.06382	.47246
35.000	-.430	5.94450	2.36980	2.04040	123.01000	.08249	.04299	-.01936	.00309	.06372	.42465
35.000	-.180	5.94560	2.36940	2.03190	122.60000	.08211	.04311	-.01920	.00307	.06405	.41250
35.000	.024	5.94110	2.40150	2.07070	124.55000	.08381	.05166	-.01553	.00248	.06438	.37393
35.000	.248	5.94580	2.35960	2.02850	122.40000	.08197	.04383	-.01880	.00301	.06392	1.03080
35.000	.477	5.94830	2.36270	2.03160	122.81000	.08203	.04396	-.01874	.00300	.06415	.62805
35.000	.794	5.94810	2.36650	2.03890	123.23000	.08233	.04398	-.01880	.00301	.06417	.54187
35.000	1.013	5.94780	2.37780	2.04330	123.47000	.08251	.04411	-.01880	.00300	.06418	.53318
35.000	1.304	5.95040	2.38850	2.04650	123.88000	.08257	.04393	-.01888	.00302	.06425	.52466
35.000	1.517	5.95070	2.38470	2.04870	124.05000	.08265	.04380	-.01896	.00303	.06409	.51608
35.000	1.741	5.94890	2.38900	2.04740	123.82000	.08265	.04377	-.01899	.00303	.06442	.51492
35.000	2.033	5.95030	2.38730	2.04460	123.76000	.08250	.04332	-.01916	.00306	.06457	.51294
	GRADIENT	.00232	.00068	-.00180	.09024	-.00014	.00052	.00031	-.00005	.00011	.01804

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ048) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 723/ 0 RN/L = 2.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
25.700	-1.907	5.95310	2.33000	1.99950	121.27000	.08060	.03576	-.02243	.00358	.06363	.40442
25.700	-1.611	5.95150	2.32820	1.99820	121.06000	.08059	.03661	-.02201	.00352	.06351	.38114
25.700	-1.196	5.95220	2.33510	2.00070	121.27000	.08068	.03732	-.02167	.00346	.06303	.33788
25.700	-.812	5.95140	2.34270	2.01150	121.85000	.08113	.03774	-.02157	.00345	.06314	.26247
25.700	-.601	5.95210	2.34950	2.01520	122.14000	.08126	.03793	-.02150	.00344	.06325	.19458
25.700	-.217	5.95170	2.35390	2.01970	122.38000	.08145	.03836	-.02134	.00341	.06297	-.01878
25.700	.229	5.95080	2.35630	2.01620	122.09000	.08134	.03814	-.02142	.00342	.06323	1.30850
25.700	.503	5.95000	2.35300	2.01680	122.06000	.08138	.03799	-.02151	.00344	.06343	.42137
25.700	.729	5.94940	2.35270	2.01900	122.14000	.08149	.03781	-.02163	.00346	.06306	.38610
25.700	.965	5.95010	2.36250	2.02280	122.43000	.08162	.03747	-.02182	.00349	.06292	.39944
25.700	1.381	5.94860	2.38030	2.03980	123.33000	.08235	.03681	-.02232	.00357	.06306	.41846
	GRADIENT	-.00113	.01302	.01015	.51980	.00044	.00033	.00005	-.00001	-.00013	.05735

RUN NO. 722/ 0 RN/L = 2.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
30.000	-1.710	5.95470	2.39540	2.05310	124.66000	.08272	.04022	-.02070	.00331	.06346	.49522
30.000	-1.458	5.95390	2.39050	2.05030	124.42000	.08262	.03988	-.02085	.00333	.06342	.49658
30.000	-1.211	5.95370	2.39360	2.04740	124.23000	.08252	.03935	-.02108	.00337	.06337	.49147
30.000	-.980	5.95330	2.39870	2.04520	124.06000	.08244	.03908	-.02120	.00339	.06346	.49207
30.000	-.759	5.95290	2.38900	2.04180	123.82000	.08231	.03871	-.02135	.00341	.06335	.49105
30.000	-.476	5.95230	2.39330	2.04710	124.09000	.08254	.03859	-.02147	.00343	.06342	.48063
30.000	-.124	5.95150	2.39800	2.05250	124.34000	.08278	.03904	-.02131	.00341	.06376	.41507
30.000	.271	5.95040	2.36840	2.04710	123.93000	.08259	.03955	-.02103	.00336	.06334	.96719
30.000	.654	5.95080	2.40120	2.04330	123.73000	.08243	.03992	-.02081	.00333	.06373	.61997
30.000	.864	5.95000	2.37570	2.03830	123.36000	.08225	.03970	-.02087	.00334	.06371	.58252
30.000	1.290	5.95000	2.37100	2.03610	123.22000	.08216	.03932	-.02104	.00336	.06374	.56094
30.000	1.516	5.94950	2.36750	2.03700	123.23000	.08221	.03923	-.02110	.00337	.06381	.54610
30.000	1.747	5.94870	2.36810	2.03860	123.26000	.08230	.03940	-.02104	.00336	.06380	.53743
	GRADIENT	-.00161	-.00774	-.00396	-.38012	-.00012	-.00003	.00000	-.00000	.00013	.03429

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ048) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = -.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 721/ 0 RN/L = 2.41 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
35.000	-1.267	5.95390	2.41990	2.05820	124.89000	.08294	.04305	-.01938	.00310	.06367	.46869
35.000	-.965	5.95560	2.41630	2.05570	124.89000	.08279	.04341	-.01916	.00306	.06375	.46127
35.000	-.710	5.95410	2.40970	2.05220	124.55000	.08270	.04353	-.01908	.00305	.06377	.44222
35.000	-.491	5.95460	2.41280	2.05280	124.63000	.08271	.04372	-.01900	.00304	.06368	.40473
35.000	-.226	5.95420	2.41130	2.05220	124.56000	.08269	.04414	-.01879	.00300	.06397	.38219
35.000	-.002	5.95360	2.41150	2.05720	124.81000	.08291	.04465	-.01860	.00297	.06386	.20791
35.000	.424	5.95260	2.41110	2.05910	124.84000	.08302	.04473	-.01859	.00297	.06396	.66492
35.000	.690	5.95280	2.40390	2.05530	124.63000	.08286	.04453	-.01865	.00298	.06407	.58203
35.000	.966	5.95180	2.40240	2.05150	124.31000	.08273	.04434	-.01871	.00299	.06407	.53983
35.000	1.398	5.95110	2.38440	2.04360	123.77000	.08243	.04381	-.01890	.00302	.06399	.52639
35.000	1.778	5.95040	2.37770	2.04390	123.73000	.08247	.04353	-.01905	.00304	.06437	.51686
	GRADIENT	-.00148	-.01196	-.00355	-.34054	-.00010	.00022	.00013	-.00002	.00019	.04772

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ049) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 249/ 0 RN/L = 8.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.000	-1.706	5.98590	8.49840	8.08910	501.89000	.32251	.18949	-.01644	.00263	.05814	.42142
16.000	-1.386	5.98540	8.45240	8.09640	502.18000	.32285	.18401	-.01715	.00274	.05840	.35573
16.000	-1.034	5.98730	8.47520	8.10160	503.18000	.32285	.18879	-.01655	.00264	.05852	.17659
16.000	-.569	5.99000	8.39480	8.09130	503.47000	.32215	.19585	-.01561	.00250	.05864	4.65040
16.000	-.249	5.99050	8.34890	8.07350	502.53000	.32139	.18899	-.01640	.00262	.05865	.93119
16.000	.009	5.98280	8.46470	8.10050	501.54000	.32329	.17950	-.01775	.00284	.05870	.73221
16.000	.397	5.99350	8.27650	8.03590	501.21000	.31958	.17598	-.01787	.00286	.05907	.64916
16.000	.723	5.99390	8.26120	8.02230	500.50000	.31900	.18273	-.01699	.00272	.05907	.59918
16.000	.945	5.99540	8.24280	8.00980	500.25000	.31834	.19782	-.01505	.00241	.05897	.56415
	GRADIENT	.00340	-.09488	-.03204	-.82155	-.00164	-.00068	.00005	-.00001	.00032	-.02101

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ049) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 250/ 0 RN/L = 8.26 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-2.041	5.98670	8.29580	8.02210	498.03000	.31975	.16711	-.01903	.00304	.05799	.40975
18.900	-1.713	5.98810	8.23740	7.99810	497.01000	.31865	.17016	-.01857	.00297	.05789	.32323
18.900	-1.474	5.98980	8.27290	8.02850	499.46000	.31968	.17306	-.01826	.00292	.05811	.21114
18.900	-1.162	5.99010	8.22670	8.01180	498.53000	.31898	.17114	-.01845	.00295	.05830	-.24589
18.900	-.855	5.99160	8.19860	8.00760	498.80000	.31865	.16092	-.01970	.00315	.05865	5.13680
18.900	-.562	5.99360	8.28070	8.09870	505.19000	.32206	.16670	-.01918	.00307	.05860	1.25790
18.900	-.287	5.99310	8.27360	8.09450	504.75000	.32194	.17045	-.01872	.00299	.05885	.87134
18.900	-.001	5.98580	8.40310	8.08590	501.66000	.32239	.16884	-.01899	.00304	.05863	.70044
18.900	.306	5.99560	8.21570	8.04540	502.56000	.31973	.17458	-.01804	.00288	.05897	.65329
18.900	.561	5.99570	8.23160	8.06730	503.95000	.32059	.17959	-.01748	.00279	.05884	.61079
18.900	.925	5.99850	8.16320	7.99210	500.21000	.31731	.17998	-.01718	.00275	.05891	.59511
	GRADIENT	.00312	-.01415	.01239	1.84950	.00016	.00345	.00044	-.00007	.00037	.03817

RUN NO. 244/ 0 RN/L = 8.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.326	5.99910	8.43380	8.03080	502.84000	.31878	.15937	-.01985	.00317	.05819	.10683
20.000	-1.054	6.00120	8.41190	7.99220	501.14000	.31703	.16319	-.01925	.00308	.05809	-.21891
20.000	-.783	6.00190	8.37200	7.95870	499.30000	.31562	.16059	-.01948	.00311	.05833	3.37030
20.000	-.454	6.00600	8.35240	7.94310	499.75000	.31457	.15824	-.01968	.00315	.05848	1.00590
20.000	-.043	5.99880	8.41340	7.97010	498.94000	.31640	.16473	-.01903	.00304	.05880	.72172
20.000	[illegible]	6.00690	8.29470	7.91910	498.53000	.31353	.16690	-.01852	.00296	.05854	.67937
20.000	[illegible]	6.00750	8.27220	7.90450	497.80000	.31289	.17204	-.01782	.00285	.05856	.63137
20.000	.777	6.00940	8.24410	7.87840	496.82000	.31166	.17033	-.01794	.00287	.05832	.60135
20.000	1.162	6.00950	8.28090	7.90240	498.38000	.31260	.18125	-.01662	.00266	.05792	.55983
	GRADIENT	.00410	-.07197	-.05196	-1.84994	-.00249	.00761	.00115	-.00018	.00001	-.10678

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ049) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 246/ 0 RN/L = 8.25 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-2.158	5.99730	8.35580	8.05590	503.80000	.31996	.14792	-.02136	.00341	.05796	.34641
21.000	-1.777	5.99650	8.33560	8.07050	504.44000	.32063	.14038	-.02233	.00357	.05792	.13946
21.000	-1.359	5.99850	8.30660	8.04020	503.24000	.31921	.15191	-.02081	.00333	.05788	-.27319
21.000	-.748	5.99940	8.25730	8.01620	502.04000	.31817	.15430	-.02044	.00327	.05807	1.50680
21.000	-.314	6.00080	8.29190	8.05600	505.02000	.31959	.15345	-.02062	.00330	.05833	.84544
21.000	-.054	5.99540	8.33950	8.05580	503.14000	.32016	.15474	-.02053	.00328	.05875	.71296
21.000	.286	6.00410	8.24680	8.02990	504.55000	.31821	.15721	-.02005	.00320	.05863	.65699
21.000	.491	6.00640	8.17710	7.98180	502.32000	.31606	.16188	-.01932	.00309	.05839	.62122
21.000	.730	6.00640	8.18560	7.98810	502.70000	.31632	.16198	-.01932	.00309	.05814	.59438
21.000	.976	6.00720	8.16830	7.96090	501.27000	.31515	.15663	-.01991	.00318	.05800	.58008
	GRADIENT	.00333	-.05473	-.02646	-.50468	-.00140	.00504	.00074	-.00012	.00014	.15940

RUN NO. 248/ 0 RN/L = 8.34 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-1.703	5.98610	8.34240	7.99390	496.06000	.31869	.13149	-.02342	.00374	.05856	-.83072
23.000	-1.284	5.98590	8.35060	8.00430	496.64000	.31913	.13525	-.02297	.00367	.05830	1.55250
23.000	-.760	5.98890	8.41970	7.97720	495.99000	.31773	.13022	-.02350	.00376	.05840	.99454
23.000	-.493	5.98920	8.40960	7.98140	496.33000	.31787	.13076	-.02344	.00375	.05854	.89113
23.000	-.017	5.98300	8.31340	8.02830	497.12000	.32040	.13683	-.02286	.00365	.05895	.68701
23.000	.303	5.99270	8.30460	7.94280	495.15000	.31596	.13902	-.02228	.00356	.05889	.64971
23.000	.554	5.99470	8.31460	7.93340	495.23000	.31538	.13733	-.02244	.00359	.05873	.60872
23.000	.790	5.99610	8.28600	7.91990	494.87000	.31469	.13466	-.02273	.00363	.05877	.58479
23.000	1.068	5.99530	8.24950	7.92090	494.66000	.31481	.13423	-.02280	.00364	.05871	.56800
	GRADIENT	.00378	-.03965	-.03056	-.61083	-.00162	.00163	.00032	-.00005	.00015	.10932

RUN NO. 247/ 0 RN/L = 8.41 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-1.301	5.98440	8.48670	8.13090	503.96000	.32434	.13070	-.02381	.00381	.05875	-.98685
24.900	-.709	5.98470	8.42510	8.14240	504.78000	.32477	.12285	-.02480	.00396	.05830	1.19110
24.900	-.347	5.98550	8.42410	8.12570	504.03000	.32401	.11935	-.02519	.00403	.05803	.85812
24.900	-.016	5.98090	8.40500	8.08370	499.81000	.32284	.11980	-.02512	.00401	.05829	.70428
24.900	.376	5.98950	8.38260	8.10070	503.86000	.32258	.12092	-.02490	.00398	.05815	.6162[illegible]
24.900	.659	5.99260	8.44040	8.14470	507.68000	.32400	.12736	-.02414	.00386	.05832	.56569
24.900	1.031	5.99420	8.36810	8.07670	504.03000	.32112	.12501	-.02428	.00388	.05841	.52067
	GRADIENT	.00452	-.03706	-.01741	.49909	-.00118	-.00107	-.00004	.00001	-.00011	.36119

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ050) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 749/ 0 RN/L = 8.21 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.000	-1.623	6.00180	8.22420	7.98900	501.18000	.31683	.18765	-.01617	.00258	.05901	.33309
16.000	-1.164	6.00030	8.19190	7.98380	500.32000	.31679	.18602	-.01638	.00262	.05950	.18074
16.000	-.879	6.00100	8.20660	7.98900	500.87000	.31692	.18929	-.01598	.00255	.05953	-.27373
16.000	-.621	5.99930	8.23360	8.00050	501.02000	.31755	.19385	-.01546	.00247	.05936	4.07330
16.000	-.321	5.99910	8.20300	7.98480	499.96000	.31696	.18990	-.01591	.00254	.05928	1.01050
16.000	-.042	5.99760	8.21400	7.98890	499.71000	.31727	.18480	-.01658	.00265	.05927	.76575
16.000	.262	5.99700	8.20240	7.9[illegible]530	498.63000	.31680	.17815	-.01738	.00278	.05919	.66253
16.000	.619	5.99510	8.22480	8.01190	500.29000	.31845	.17456	-.01796	.00287	.05927	.61110
	GRADIENT	-.00287	.00134	.00410	-.74018	.00047	-.00575	-.00077	.00012	-.00001	.15913

RUN NO. 750/ 0 RN/L = 8.16 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-1.479	6.00390	8.12850	7.96300	500.27000	.31558	.17618	-.01751	.00280	.05932	.03334
18.900	-1.120	6.00170	8.10610	7.93460	497.72000	.31469	.17212	-.01797	.00287	.05936	-2.25660
18.900	-.751	6.00240	8.15740	7.99850	501.95000	.31715	.16264	-.01932	.00309	.05953	1.60800
18.900	-.537	6.00110	8.11530	7.95660	498.90000	.31562	.16642	-.01875	.00300	.05952	1.11070
18.900	-.105	6.00110	8.21600	8.05700	505.19000	.31961	.17384	-.01809	.00289	.05954	.76859
18.900	.233	6.00120	8.20420	8.04130	504.26000	.31897	.17434	-.01799	.00287	.05932	.65947
18.900	.519	5.99900	8.18170	8.01830	502.04000	.31829	.17875	-.01740	.00278	.05915	.60921
	GRADIENT	-.00179	.04588	.04835	2.41809	.00211	.00246	.00015	-.00002	-.00006	.71426

RUN NO. 744/ 0 RN/L = 8.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-2.040	6.01810	8.27370	7.89220	500.70000	.31130	.15670	-.01959	.00313	.05874	.26320
20.000	-1.696	6.01720	8.27570	7.90050	500.90000	.31173	.15600	-.01971	.00315	.05897	-.06239
20.000	-1.289	6.01600	8.23250	7.86700	499.38000	.31052	.16384	-.01864	.00298	.05885	-.49346
20.000	-.840	6.01560	8.23030	7.87120	499.51000	.31073	.16029	-.01911	.00306	.05894	2.97370
20.000	-.611	6.01440	8.23370	7.87530	498.36000	.31102	.15759	-.01948	.00311	.05890	1.20890
20.000	-.313	6.01420	8.23540	7.87220	498.07000	.31092	.15539	-.01976	.00316	.05914	.86258
20.000	-.032	6.01210	8.21780	7.89100	498.55000	.31187	.15743	-.01957	.00313	.05917	.73632
20.000	.260	6.01210	8.22890	7.89830	499.03000	.31216	.16859	-.01818	.00291	.05890	.66785
20.000	.599	6.01190	8.24190	7.91610	500.08000	.31288	.17203	-.01779	.00284	.05866	.61158
20.000	.907	6.01030	8.27590	7.92130	499.86000	.31326	.17072	-.01799	.00288	.05833	.58000
	GRADIENT	-.00258	-.00601	.01008	-.24663	.00066	.00465	.00053	-.00008	-.00008	.16973

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ050) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .800 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 746/ 0 RN/L = 8.11 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-1.819	6.01590	8.13110	7.89840	500.33000	.31177	.14306	-.02136	.00341	.05874	.00642
21.000	-1.552	6.01390	8.12830	7.91720	500.81000	.31273	.14474	-.02122	.00339	.05876	-.30096
21.000	-1.150	6.01310	8.13640	7.92340	500.96000	.31305	.15418	-.02005	.00320	.05863	-3.57920
21.000	-.879	6.01370	8.13730	7.93500	501.87000	.31345	.15083	-.02049	.00328	.05884	2.31170
21.000	-.539	6.01260	8.15310	7.94960	502.41000	.31414	.15083	-.02054	.00328	.05887	1.13670
21.000	-.079	6.01170	8.08800	7.90880	499.52000	.31262	.15220	-.02028	.00324	.05918	.73901
21.000	.183	6.01120	8.05760	7.87630	497.32000	.31139	.15644	-.01967	.00314	.05903	.66437
21.000	.470	6.010[illegible]	8.05240	7.87000	496.51000	.31126	.15902	-.01934	.00309	.05864	.61510
21.000	.731	6.00950	8.08100	7.87730	496.78000	.31161	.15684	-.01965	.00314	.05835	.58898
	GRADIENT	-.00217	-.03275	-.01767	-1.86531	-.00047	.00528	.00068	-.00011	-.00003	.58907

RUN NO. 748/ 0 RN/L = 8.21 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-1.750	6.00280	8.18550	7.87090	494.08000	.31205	.12950	-.02319	.00371	.05930	2.54360
23.000	-1.284	6.00150	8.20090	7.88020	494.25000	.31255	.12851	-.02335	.00373	.05914	1.36890
23.000	-.964	6.00100	8.19630	7.88340	494.27000	.31273	.13012	-.02316	.00370	.05915	1.2.040
23.000	-.655	6.00020	8.22220	7.89590	494.79000	.31330	.14079	-.02185	.00349	.05909	1.33190
23.000	-.205	5.99960	8.21990	7.90530	495.16000	.31374	.13580	-.02251	.00360	.05911	.79256
23.000	.104	5.99890	8.22680	7.88850	493.88000	.31315	.13776	-.02223	.00355	.05919	.69192
23.000	.423	5.99780	8.22480	7.90840	494.75000	.31405	.13708	-.02236	.00356	.05896	.63654
23.000	.795	5.99670	8.23650	7.91570	494.81000	.31446	.13423	-.02277	.00364	.05883	.58566
	GRADIENT	-.00227	.01888	.01601	.23019	.00087	.00308	.00033	-.00005	-.00013	-.66205

RUN NO. 747/ 0 RN/L = 8.24 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-1.579	6.00610	8.25370	7.99540	503.05000	.31664	.13167	-.02313	.00370	.05956	-.75825
24.900	-1.249	6.00370	8.24630	7.98600	501.62000	.31652	.12586	-.02387	.00382	.05924	3.48510
24.900	-1.018	6.00310	8.18090	7.93680	498.34000	.31463	.12193	-.02428	.00388	.05909	1.59470
24.900	-.771	6.00230	8.21100	7.96710	499.98000	.31591	.12004	-.02459	.00393	.05887	1.19210
24.900	-.525	6.00050	8.16910	7.91470	496.06000	.31402	.11773	-.02480	.00396	.05890	.95538
24.900	-.310	5.99960	8.19320	7.93460	497.01000	.31490	.11696	-.02495	.00399	.05873	.82949
24.900	.036	5.99830	8.22230	7.97330	498.97000	.31658	.11610	-.02514	.00402	.05852	.69962
24.900	.314	5.99650	8.22960	7.96900	498.09000	.31660	.12274	-.02433	.00389	.05843	.62293
24.900	.576	5.99720	8.33060	8.03290	502.32000	.31906	.12609	-.02402	.00384	.05851	.57069
24.900	.859	5.99550	8.32100	8.00670	500.08000	.31820	.12431	-.02422	.00387	.05847	.53243
	GRADIENT	-.00424	.03524	.01524	-.51201	.00105	-.00154	-.00028	.00004	-.00044	-.32041

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ051) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = -.0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 217/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
25.700	-2.371	5.94360	2.26940	1.99570	120.24000	.08070	.03375	-.02353	.00376	.06514	.45511
25.700	-1.849	5.94490	2.26710	1.99500	120.31000	.08064	.03366	-.02355	.00376	.06471	.42280
25.700	-1.243	5.94600	2.27000	1.99790	120.57000	.08073	.03378	-.02350	.00376	.06467	.30486
25.700	-.712	5.94780	2.27680	1.99950	120.82000	.08074	.03462	-.02307	.00369	.06422	.08398
25.700	-.270	5.94710	2.27980	2.00040	120.82000	.08080	.03619	-.02230	.00356	.06414	-2.51390
25.700	.072	5.94160	2.35940	2.00950	120.91000	.08132	.04987	-.01565	.00250	.06489	1.36660
25.700	.303	5.94770	2.29100	2.00640	121.24000	.08102	.03872	-.02108	.00337	.06425	.65309
25.700	.608	5.94890	2.30120	2.00610	121.32000	.08098	.04008	-.02039	.00326	.06463	.41769
25.700	.924	5.94960	2.30410	2.00770	121.47000	.08102	.04044	-.02021	.00323	.06478	.42023
25.700	1.255	5.95080	2.29870	2.00770	121.57000	.08099	.04062	-.02011	.00321	.06501	.44995
25.700	1.518	5.95140	2.31050	2.00710	121.58000	.08095	.04062	-.02010	.00321	.06534	.46124
25.700	2.009	5.95230	2.29870	2.00800	121.72000	.08097	.03547	-.02266	.00362	.06494	.49351
	GRADIENT	.00186	.01039	.00350	.36844	.00009	.00162	.00080	-.00013	.00006	.07409

RUN NO. 219/ 0 RN/L = 2.37 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
30.000	-1.689	5.93770	2.33650	2.04450	122.68000	.08284	.04048	-.02072	.00331	.06370	.50824
30.000	-1.347	5.93690	2.33040	2.04800	122.82000	.08300	.03956	-.02122	.00339	.06401	.50959
30.000	-.927	5.93970	2.34550	2.04230	122.72000	.08270	.03890	-.02145	.00343	.06403	.51155
30.000	-.643	5.93990	2.34380	2.04070	122.64000	.08263	.03859	-.02158	.00345	.06397	.49202
30.000	-.338	5.94020	2.35760	2.04320	122.82000	.08272	.03817	-.02180	.00349	.06434	.44667
30.000	.035	5.93490	2.35160	2.03690	121.99000	.08261	.04907	-.01647	.00263	.06504	-1.07630
30.000	.277	5.94330	2.37820	2.05400	123.73000	.08307	.03850	-.02170	.00347	.06439	.81617
30.000	.487	5.94350	2.37650	2.06120	124.19000	.08336	.03889	-.02157	.00345	.06433	.68815
30.000	.729	5.94400	2.37680	2.06310	124.34000	.08342	.03958	-.02125	.00340	.06463	.64924
30.000	.945	5.94530	2.40340	2.06470	124.55000	.08345	.03989	-.02110	.00337	.06465	.62456
30.000	1.407	5.94460	2.39970	2.06500	124.51000	.08348	.03943	-.02133	.00341	.06455	.59386
30.000	1.696	5.94530	2.38950	2.06540	124.59000	.08347	.03907	-.02150	.00344	.06467	.57668
30.000	1.985	5.94660	2.39070	2.06440	124.65000	.08340	.03904	-.02148	.00343	.06455	.56414
	GRADIENT	.00267	.01973	.00772	.69506	.00024	-.00018	-.00012	.00002	.00024	.05262

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ051) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 65.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 220/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
35.000	-2.033	5.93810	2.39420	2.04510	122.75000	.08286	.04193	-.02001	.00320	.06418	.51116
35.000	-1.715	5.93990	2.40310	2.05080	123.25000	.08304	.04193	-.02004	.00320	.06401	.50928
35.000	-1.335	5.94140	2.41520	2.06090	123.98000	.08340	.04233	-.01993	.00319	.06387	.49381
35.000	-1.106	5.94180	2.42060	2.05780	123.83000	.08327	.04281	-.01966	.00314	.06394	.47913
35.000	-.835	5.94140	2.40350	2.05400	123.57000	.08312	.04326	-.01941	.00310	.06373	.46029
35.000	-.554	5.94340	2.41700	2.04450	123.17000	.08269	.04329	-.01927	.00308	.06364	.42625
35.000	-.170	5.94230	2.39510	2.03980	122.79000	.08252	.04346	-.01915	.00306	.06380	.35318
35.000	.049	5.93460	2.38720	2.00760	120.20000	.08143	.04702	-.01714	.00274	.06385	.17296
35.000	.274	5.94460	2.39910	2.03950	122.97000	.09245	.04408	-.01881	.00301	.06371	1.39170
35.000	.544	5.94590	2.39420	2.03630	122.89000	.08229	.04423	-.01869	.00299	.06395	.60853
35.000	.809	5.94580	2.39040	2.03100	122.56000	.08207	.04411	-.01869	.00299	.06419	.53532
35.000	1.106	5.94760	2.37210	2.02310	122.24000	.08170	.04377	-.01875	.00300	.06417	.53535
35.000	1.449	5.94560	2.37050	2.02340	122.09000	.08177	.04353	-.01890	.00302	.06411	.52831
35.000	1.679	5.94530	2.44380	2.09820	126.57000	.08480	.04383	-.01953	.00312	.06415	.52916
	GRADIENT	.00199	-.00328	-.00221	.03896	-.00015	.00059	.00034	-.00005	.00005	.03360

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ052) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BOFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 717/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
25.700	-1.306	5.95760	2.29710	2.01440	122.55000	.08108	.03526	-.02275	.00364	.06500	.31172
25.700	-1.049	5.95760	2.29200	2.01180	122.40000	.08098	.03592	-.02240	.00358	.06478	.23250
25.700	-.727	5.95650	2.29970	2.01340	122.40000	.08107	.03700	-.02189	.00350	.06460	.04884
25.700	-.411	5.95590	2.30150	2.01400	122.39000	.08111	.03782	-.02149	.00344	.06444	-.74212
25.700	-.164	5.95530	2.29970	2.01500	122.40000	.08116	.03812	-.02136	.00341	.06470	18.47400
25.700	.156	5.95520	2.30540	2.01500	122.39000	.08117	.03906	-.02090	.00334	.06457	.99225
25.700	.361	5.95550	2.30770	2.01590	122.47000	.08120	.04017	-.02035	.00325	.06451	.58006
25.700	.613	5.95440	2.30800	2.01750	122.47000	.08129	.04083	-.02005	.00321	.06439	.41367
25.700	.881	5.95270	2.30630	2.01590	122.24000	.08127	.04074	-.02011	.00321	.06467	.41141
25.700	1.366	5.95440	2.30550	2.01210	122.15000	.08107	.04023	-.02030	.00324	.06518	.45356
25.700	1.634	5.95240	2.30750	2.01090	121.90000	.08109	.03857	-.02114	.00338	.06528	.46540
	GRADIENT	-.00165	.00455	-.00013	-.14619	.00004	.00162	.00078	-.00013	.00010	-.40412

RUN NO. 719/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
30.000	-1.637	5.95290	2.41880	2.05880	124.85000	.08300	.03958	-.02109	.00337	.06361	.50245
30.000	-1.216	5.95300	2.40960	2.06070	124.98000	.08307	.03928	-.02125	.00340	.06362	.49995
30.000	-.780	5.95250	2.40980	2.06040	124.91000	.08307	.03892	-.02143	.00343	.06412	.48871
30.000	-.528	5.95220	2.39730	2.05370	124.48000	.08281	.03853	-.02156	.00345	.06422	.46241
30.000	-.118	5.95090	2.39180	2.04800	124.02000	.08262	.03852	-.02153	.00344	.06419	.22707
30.000	.140	5.95120	2.38660	2.04810	124.05000	.08261	.03869	-.02145	.00343	.06449	1.25470
30.000	.356	5.94890	2.38920	2.05310	124.16000	.08288	.03928	-.02123	.00339	.06446	.77773
30.000	.629	5.94930	2.40770	2.05620	124.38000	.08299	.03983	-.02099	.00336	.06449	.67669
30.000	1.044	5.94920	2.39460	2.05910	124.55000	.08311	.03971	-.02108	.00337	.06443	.62254
30.000	1.349	5.94720	2.39660	2.05810	124.31000	.08313	.03922	-.02133	.00341	.06455	.59777
30.000	1.575	5.94720	2.39550	2.06220	124.56000	.08329	.03892	-.02152	.00344	.06460	.58382
	GRADIENT	-.00198	-.00601	.00019	-.16099	.00006	.00004	-.00001	.00000	.00031	.06186

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ052) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = 90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 720/ 0 RN/L = 2.46 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
35.000	-1.731	5.95210	2.45820	2.10610	127.65000	.08493	.04365	-.01960	.00313	.06370	.49308
35.000	-1.324	5.95260	2.45210	2.10480	127.62000	.08486	.04417	-.01933	.00309	.06372	.47685
35.000	-1.033	5.95130	2.44310	2.10290	127.38000	.08482	.04450	-.01918	.00307	.06377	.45055
35.000	-.653	5.94990	2.46150	2.11460	127.97000	.08533	.04474	-.01920	.00307	.06350	.40108
35.000	-.216	5.94960	2.47320	2.12380	128.49000	.08571	.04558	-.01890	.00302	.06356	.35194
35.000	.210	5.94980	2.47320	2.12500	128.59000	.08575	.04588	-.01877	.00300	.06358	-1.09470
35.000	.424	5.94720	2.46970	2.12310	128.24000	.08575	.04570	-.01887	.00302	.06351	.70510
35.000	.778	5.94910	2.47070	2.11710	128.05000	.08546	.04549	-.01888	.00302	.06367	.55962
35.000	1.044	5.94750	2.46190	2.11400	127.72000	.08537	.04513	-.01904	.00304	.06398	.53278
35.000	1.372	5.94780	2.45470	2.10730	127.34000	.08510	.04464	-.01920	.00307	.06411	.53241
	GRADIENT	-.00162	.00393	.00342	.06255	.00013	.00045	.00016	-.00002	.00008	-.01134

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ053) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 214/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-1.853	5.93870	2.25950	1.99870	120.02000	.08096	.03765	-.02167	.00346	.06533	.39637
18.900	-1.222	5.94040	2.23060	1.99660	120.03000	.08083	.03538	-.02276	.00364	.06616	.24761
18.900	-.952	5.94130	2.23440	2.00070	120.35000	.08097	.03403	-.02346	.00375	.06672	.17214
18.900	-.660	5.94250	2.23040	2.00000	120.42000	.08091	.03280	-.02405	.00384	.06679	.02819
18.900	-.416	5.94160	2.24610	1.99880	120.26000	.08088	.03222	-.02435	.00389	.06657	-.59924
18.900	-.010	5.93700	2.35920	2.04260	122.51000	.08278	.05111	-.01551	.00248	.06807	.62106
18.900	.229	5.94370	2.27910	2.00410	120.76000	.08104	.03108	-.02493	.00399	.06686	.51407
18.900	.474	5.94600	2.31990	2.00920	121.26000	.08119	.03153	-.02471	.00395	.06679	.45530
18.900	.848	5.94600	2.32800	2.01740	121.76000	.08152	.03298	-.02406	.00385	.06594	.43249
18.900	1.072	5.94720	2.34410	2.01960	121.99000	.08157	.03473	-.02319	.00371	.06568	.43869
18.900	1.296	5.94760	2.35970	2.01930	122.01000	.08155	.03683	-.02214	.00354	.06506	.42582
18.900	1.650	5.94780	2.37450	2.01770	121.93000	.08148	.03804	-.02153	.00344	.06457	.46873
18.900	2.078	5.94830	2.37330	2.01400	121.75000	.08131	.03973	-.02065	.00330	.06419	.50613
	GRADIENT	.00271	.04227	.00614	.59899	.00017	.00048	.00022	-.00004	-.00046	.10527

RUN NO. 204/ 0 RN/L = 2.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.783	5.94430	2.34210	2.03730	122.81000	.08237	.03161	-.02492	.00398	.06531	.37045
20.000	-1.511	5.94460	2.34350	2.03980	122.99000	.08246	.03106	-.02520	.00403	.06542	.30576
20.000	-1.172	5.94550	2.37010	2.03980	123.07000	.08243	.03001	-.02570	.00411	.06561	.17968
20.000	-.812	5.94530	2.37300	2.04010	123.07000	.08245	.02919	-.02610	.00417	.06578	-.05080
20.000	-.583	5.94510	2.37360	2.04040	123.07000	.08247	.02910	-.02616	.00418	.06570	-.34756
20.000	-.218	5.94640	2.39220	2.04140	123.23000	.08248	.02898	-.02620	.00419	.06567	4.07160
20.000	-.016	5.94320	2.36100	2.06380	124.31000	.08347	.04657	-.01788	.00286	.06678	3.46180
20.000	.224	5.94650	2.41510	2.04740	123.61000	.08271	.02825	-.02660	.00425	.06532	.15782
20.000	.588	5.94910	2.42430	2.05120	124.06000	.08279	.02802	-.02670	.00427	.06554	.31405
20.000	.813	5.94960	2.42020	2.05020	124.05000	.08274	.02848	-.02647	.00423	.06518	.33532
20.000	1.079	5.95000	2.42100	2.05020	124.08000	.08273	.03016	-.02564	.00410	.06488	.37683
20.000	1.444	5.95170	2.42470	2.04770	124.08000	.08258	.03296	-.02423	.00387	.06458	.43645
20.000	1.711	5.95020	2.42110	2.04840	123.98000	.08265	.03438	-.02357	.00377	.06417	.46508
	GRADIENT	.00209	.02579	.00389	.41377	.00010	.00040	.00020	-.00003	-.00031	.03141

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ053) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 212/ 0 RN/L = 2.46 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-2.269	5.93910	2.49190	2.13130	128.01000	.08632	.03412	-.02449	.00392	.06526	.43453
21.000	-1.818	5.93980	2.45640	2.10510	126.50000	.08524	.03204	-.02527	.00404	.06548	.38266
21.000	-1.358	5.94050	2.44300	2.10260	126.41000	.08511	.03240	-.02507	.00401	.06525	.29492
21.000	-.924	5.94050	2.43620	2.10540	126.59000	.08523	.03261	-.02499	.00399	.06520	.16363
21.000	-.621	5.94140	2.45110	2.10790	126.81000	.08530	.03292	-.02485	.00397	.06512	.01398
21.000	-.293	5.94340	2.46320	2.11080	127.16000	.08536	.03457	-.02406	.00385	.06598	.29376
21.000	.015	5.93720	2.47020	2.11550	126.90000	.08573	.04539	-.01907	.00305	.06666	.68571
21.000	.235	5.94440	2.46150	2.10100	126.66000	.08494	.03457	-.02397	.00383	.06560	.48789
21.000	.548	5.94480	2.45380	2.09220	126.16000	.08457	.03358	-.02437	.00390	.06554	.45050
21.000	.845	5.94500	2.45380	2.09030	126.07000	.08449	.03295	-.02466	.00394	.06519	.31001
21.000	1.065	5.94520	2.44960	2.08740	125.92000	.08437	.03243	-.02488	.00398	.06512	.36279
21.000	1.426	5.94560	2.45640	2.08970	126.08000	.08445	.03240	-.02491	.00398	.06480	.42275
21.000	1.656	5.94650	2.45400	2.08810	126.07000	.08436	.03268	-.02475	.00396	.06476	.45298
21.000	1.908	5.94560	2.44340	2.08150	125.58000	.08412	.03298	-.02457	.00393	.06469	.47324
21.000	2.138	5.94670	2.43550	2.07700	125.42000	.08391	.03331	-.02436	.00389	.06482	.48891
	GRADIENT	.00185	-.00458	-.00905	-.38148	-.00042	-.00011	.00004	-.00001	-.00015	.03867

RUN NO. 213/ 0 RN/L = 2.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-2.011	5.94220	2.30310	2.00070	120.43000	.08094	.03132	-.02480	.00396	.06571	.43104
23.000	-1.335	5.94440	2.30170	2.00890	121.11000	.08121	.03150	-.02475	.00396	.06503	.35515
23.000	-1.063	5.94460	2.30390	2.01800	121.68000	.08158	.03397	-.02359	.00377	.06481	.39673
23.000	-.806	5.94390	2.30540	2.02180	121.84000	.08175	.03539	-.02293	.00367	.06520	.32903
23.000	-.466	5.94540	2.31600	2.01960	121.84000	.08162	.03584	-.02267	.00362	.06522	.06493
23.000	-.037	5.94000	2.36520	2.03690	122.42000	.08247	.05415	-.01391	.00222	.06634	.83106
23.000	.376	5.94840	2.31570	2.01680	121.93000	.08142	.03545	-.02280	.00364	.06534	.36221
23.000	.581	5.94910	2.33290	2.02000	122.17000	.08153	.03542	-.02283	.00365	.06513	.44849
23.000	.880	5.94970	2.33770	2.02470	122.51000	.08171	.03503	-.02306	.00369	.06491	.49071
23.000	1.136	5.95000	2.34420	2.02690	122.67000	.08179	.03334	-.02390	.00382	.06511	.44031
23.000	1.424	5.95120	2.35890	2.02940	122.92000	.08186	.03165	-.02474	.00395	.06516	.46192
23.000	1.629	5.95230	2.36540	2.02790	122.92000	.08177	.03126	-.02491	.00398	.06510	.47172
23.000	1.912	5.95240	2.37150	2.02630	122.84000	.08170	.03117	-.02494	.00399	.06553	.48015
23.000	2.164	5.95300	2.36640	2.02820	123.00000	.08176	.03078	-.02514	.00402	.06577	.49198
	GRADIENT	.00281	.01815	.00511	.54602	.00013	-.00072	-.00036	.00006	.00002	.03418

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ054) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 714/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-2.135	5.95440	2.36130	2.03170	123.34000	.08186	.04042	-.02040	.00326	.06444	.44566
18.900	-1.827	5.95400	2.35360	2.02820	123.09000	.08173	.03870	-.02122	.00339	.06490	.40285
18.900	-1.615	5.95400	2.35010	2.02410	122.84000	.08157	.03623	-.02240	.00358	.06513	.40186
18.900	-1.243	5.95360	2.35350	2.02190	122.67000	.08149	.03491	-.02304	.00368	.06593	.27787
18.900	-.926	5.95260	2.35320	2.02310	122.66000	.08157	.03425	-.02339	.00374	.06675	.34358
18.900	-.650	5.95140	2.35450	2.02470	122.66000	.08166	.03283	-.02412	.00386	.06652	.30902
18.900	-.313	5.95170	2.36440	2.02600	122.76000	.08171	.03147	-.02480	.00396	.06622	.58354
18.900	-.068	5.95100	2.36650	2.02690	122.76000	.08176	.03204	-.02453	.00392	.06631	.89472
18.900	.244	5.95030	2.36750	2.02790	122.76000	.08182	.03304	-.02406	.00385	.06604	.14544
18.900	.536	5.95040	2.37400	2.02500	122.59000	.08170	.03394	-.02359	.00377	.06612	.35903
18.900	.807	5.94940	2.37740	2.02340	122.41000	.08167	.03539	-.02287	.00366	.06629	.43194
18.900	1.119	5.95000	2.37280	2.01870	122.17000	.08146	.03774	-.02166	.00346	.06596	.43853
18.900	1.478	5.94920	2.37060	2.01710	122.01000	.08142	.03903	-.02101	.00336	.06487	.45401
18.900	1.765	5.94940	2.36670	2.01520	121.91000	.08133	.03967	-.02068	.00330	.06433	.48219
	GRADIENT	-.00145	.00566	-.00261	-.28168	-.00006	.00008	.00005	-.00001	.00003	.01719

RUN NO. 704/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.898	5.95470	2.41990	2.05880	125.01000	.08295	.03247	-.02451	.00392	.06490	.39971
20.000	-1.569	5.95370	2.42220	2.05910	124.94000	.08299	.03145	-.02503	.00400	.06494	.33494
20.000	-1.146	5.95480	2.42300	2.05600	124.84000	.08283	.02979	-.02580	.00412	.06531	.18533
20.000	-.802	5.95510	2.42030	2.05340	124.71000	.08272	.02932	-.02601	.00416	.06552	-.01043
20.000	-.480	5.95430	2.42270	2.05410	124.69000	.08277	.02831	-.02651	.00424	.06537	.47433
20.000	-.251	5.95410	2.42090	2.05370	124.65000	.08276	.02856	-.02639	.00422	.06535	.53391
20.000	.026	5.95470	2.43060	2.05560	124.81000	.08282	.02871	-.02632	.00421	.06536	-1.70300
20.000	.411	5.95490	2.43140	2.05600	124.85000	.08283	.02900	-.02618	.00418	.06534	.26162
20.000	.735	5.95370	2.43710	2.05880	124.92000	.08297	.03024	-.02561	.00409	.06528	.32469
20.000	1.017	5.95300	2.43810	2.06010	124.94000	.08304	.03220	-.02468	.00395	.06503	.36562
20.000	1.351	5.95390	2.43000	2.05720	124.84000	.08291	.03371	-.02392	.00382	.06479	.42754
20.000	1.638	5.95310	2.42990	2.05280	124.51000	.08275	.03479	-.02336	.00373	.06438	.45622
	GRADIENT	-.00035	.00443	-.00026	-.04572	-.00000	.00072	.00035	-.00006	-.00011	.02172

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ054) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 2.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 712/ 0 RN/L = 2.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-2.268	5.95260	2.41370	2.07270	125.67000	.08356	.03225	-.02476	.00396	.06514	.43587
21.000	-1.933	5.95240	2.41850	2.07300	125.67000	.08358	.03234	-.02472	.00395	.06514	.39953
21.000	-1.630	5.95280	2.42770	2.07650	125.92000	.08371	.03310	-.02438	.00390	.06548	.36082
21.000	-1.222	5.95140	2.43060	2.07550	125.74000	.08371	.03425	-.02383	.00381	.06589	.39122
21.000	-.794	5.95170	2.43530	2.07680	125.83000	.08375	.03533	-.02332	.00373	.06547	.35030
21.000	-.439	5.95140	2.43200	2.07580	125.75000	.08372	.03509	-.02343	.00375	.06577	.29690
21.000	-.032	5.94970	2.42340	2.07550	125.58000	.08376	.03391	-.02402	.00384	.06475	.91494
21.000	.250	5.95140	2.42650	2.07330	125.60000	.08362	.03324	-.02430	.00388	.06509	.04386
21.000	.506	5.94880	2.42520	2.07260	125.33000	.08367	.03298	-.02446	.00391	.06507	.21454
21.000	.835	5.95010	2.42230	2.07110	125.35000	.08357	.03258	-.02462	.00394	.06475	.33475
21.000	1.191	5.94860	2.42610	2.07040	125.18000	.08353	.03243	-.02471	.00395	.06469	.40023
21.000	1.568	5.94740	2.42820	2.07200	125.17000	.08368	.03292	-.02450	.00392	.06493	.44883
21.000	1.882	5.94670	2.42880	2.07290	125.17000	.08374	.03319	-.02439	.00390	.06497	.47369
	GRADIENT	-.00137	.00135	-.00080	-.16844	.00001	-.00007	-.00005	.00001	-.00016	.00086

RUN NO. 713/ 0 RN/L = 2.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-2.054	5.95760	2.37900	2.03710	123.93000	.08199	.03186	-.02461	.00393	.06535	.43819
23.000	-1.776	5.95800	2.37800	2.03640	123.93000	.08195	.03276	-.02416	.00386	.06496	.41044
23.000	-1.482	5.95720	2.37950	2.03330	123.67000	.08185	.03445	-.02331	.00373	.06498	.37661
23.000	-1.173	5.95580	2.38070	2.03510	123.67000	.08196	.03590	-.02263	.00362	.06482	.37649
23.000	-.869	5.95450	2.38580	2.03700	123.67000	.08207	.03662	-.02231	.00357	.06491	.35069
23.000	-.544	5.95500	2.38820	2.03640	123.67000	.08204	.03692	-.02215	.00354	.06528	.10400
23.000	-.246	5.95590	2.38580	2.03640	123.75000	.08201	.03686	-.02217	.00354	.06494	.00133
23.000	-.011	5.95480	2.38940	2.03830	123.77000	.08212	.03611	-.02257	.00361	.06495	.10099
23.000	.256	5.95500	2.38660	2.03800	123.77000	.08210	.03553	-.02285	.00365	.06503	.32092
23.000	.560	5.95440	2.38210	2.03580	123.59000	.08202	.03457	-.02331	.00373	.06489	.44623
23.000	1.021	5.95480	2.38390	2.03390	123.50000	.08194	.03231	-.02440	.00390	.06456	.42090
23.000	1.356	5.95330	2.38150	2.03200	123.25000	.08190	.03141	-.02485	.00397	.06471	.46073
23.000	1.870	5.95350	2.37360	2.02760	123.00000	.08172	.03099	-.02502	.00400	.06529	.48015
	GRADIENT	-.00106	-.00003	-.00136	-.17480	-.00003	-.00055	-.00028	.00004	-.00005	.01730

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ055) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 238/ 0 RN/L = 8.47 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.000	-1.256	5.98550	8.35940	8.07440	500.83000	.32197	.18948	-.01641	.00262	.06172	.13009
16.000	-.853	5.98750	8.44720	8.11730	504.21000	.32346	.19498	-.01583	.00253	.06326	-.47563
16.000	-.569	5.98830	8.49500	8.11740	504.48000	.32338	.19598	-.01569	.00251	.06306	2.33730
16.000	-.036	5.98380	8.29700	8.02310	497.09000	.32010	.19101	-.01609	.00257	.06285	.74594
16.000	.486	5.99060	8.49850	8.10380	504.46000	.32259	.18112	-.01746	.00279	.06319	.63425
16.000	.796	5.99120	8.50180	8.11120	505.13000	.32281	.19971	-.01518	.00243	.06366	.56432
16.000	1.085	5.99260	8.54010	8.15300	508.22000	.32433	.20508	-.01463	.00234	.06384	.57468
	GRADIENT	.00269	.05540	.01686	1.99678	.00038	.00303	.00036	-.00006	.00063	.10522

RUN NO. 235/ 0 RN/L = 8.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-1.474	5.98340	8.38890	8.05660	499.00000	.32148	.16604	-.01929	.00308	.06019	-.47675
18.900	-1.036	5.98520	8.47040	8.08900	501.64000	.32259	.17265	-.01854	.00296	.06098	14.88300
18.900	-.573	5.98650	8.50640	8.11840	503.90000	.32362	.16935	-.01900	.00304	.06216	1.26100
18.900	-.323	5.98790	8.49420	8.12360	504.73000	.32367	.17185	-.01869	.00299	.06225	.91151
18.900	-.032	5.97970	8.39020	8.03550	496.43000	.32104	.17170	-.01858	.00297	.06203	.70900
18.900	.239	5.98910	8.48410	8.10060	503.74000	.32262	.17173	-.01863	.00298	.06228	.63290
18.900	.531	5.99090	8.48170	8.10380	504.57000	.32255	.17601	-.01808	.00289	.06214	.57368
18.900	.802	5.99080	8.50540	8.13420	506.39000	.32378	.18906	-.01656	.00265	.06187	.54512
	GRADIENT	.00294	.02684	.01890	2.20650	.00043	.00670	.00082	-.00013	.00073	-2.46684

RUN NO. 234/ 0 RN/L = 8.47 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-1.242	5.98420	8.43390	8.05970	499.48000	.32152	.15490	-.02067	.00330	.06124	-.43141
20.000	-.778	5.98550	8.42700	8.08070	501.25000	.32221	.16745	-.01915	.00306	.06113	2.32320
20.000	-.449	5.98660	8.49710	8.10790	503.32000	.32318	.16339	-.01971	.00315	.06156	1.01290
20.000	.021	5.98170	8.40010	8.04500	497.71000	.32120	.16661	-.01922	.00307	.06166	.66887
20.000	.339	5.98930	8.50390	8.09860	503.65000	.32252	.17044	-.01878	.00300	.06144	.60153
20.000	.594	5.99090	8.51820	8.12060	505.56000	.32323	.17414	-.01836	.00293	.06150	.54801
20.000	.903	5.99230	8.48020	8.10280	504.96000	.32237	.18232	-.01728	.00276	.06092	.50498
	GRADIENT	.00354	.03113	.01879	2.38797	.00037	.01018	.00126	-.00020	-.00001	-.07531

LA141B(20-M6-6546) (B62C12F10M14)(W127E43)(V8R5) (SKZ055) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 1.000

RUN NO. 236/ 0 RN/L = 8.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-1.004	5.98690	8.32990	7.99280	496.26000	.31857	.15333	-.02067	.00330	.06071	-3.47590
21.000	-.726	5.98910	8.35280	8.01490	498.40000	.31921	.15493	-.02050	.00328	.06083	1.62020
21.000	-.476	5.99000	8.36920	8.04630	500.66000	.32036	.15884	-.02007	.00321	.06087	1.05340
21.000	-.011	5.98540	8.31160	7.98230	495.10000	.31831	.16360	-.01938	.00310	.06100	.69598
21.000	.204	5.99310	8.41170	8.09130	504.55000	.32182	.15807	-.02024	.00323	.06105	.64264
21.000	.429	5.99420	8.40860	8.09970	505.46000	.32204	.16211	-.01974	.00316	.06107	.58050
21.000	.663	5.99450	8.47990	8.12380	507.06000	.32296	.16336	-.01965	.00314	.06062	.53622
21.000	1.003	5.99630	8.39510	8.04020	502.47000	.31945	.15903	-.01995	.00319	.06046	.49671
	GRADIENT	.00450	.05123	.04496	4.36414	.00131	.00371	.00041	-.00007	-.00008	.87817

RUN NO. 237/ 0 RN/L = 8.33 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-1.320	5.98590	8.29890	8.05560	499.81000	.32117	.13314	-.02334	.00373	.05989	-9.93240
23.000	-1.063	5.98810	8.31930	8.08490	502.39000	.32211	.13281	-.02341	.00374	.05986	1.33110
23.000	-.655	5.98900	8.34990	8.09230	503.16000	.32231	.13641	-.02297	.00367	.05989	.98905
23.000	-.404	5.98930	8.33250	8.09330	503.34000	.32231	.14328	-.02212	.00354	.05992	.92538
23.000	.015	5.98230	8.28380	8.03560	497.34000	.32076	.13578	-.02302	.00368	.06020	.68467
23.000	.440	5.99300	8.36910	8.08920	504.38000	.32175	.14141	-.02229	.00356	.06009	.58222
23.000	.770	5.99360	8.35300	8.06620	503.16000	.32077	.14209	-.02215	.00354	.05986	.55075
23.000	1.152	5.99690	8.38430	8.07260	504.71000	.32067	.13957	-.02243	.00359	.05992	.54520
	GRADIENT	.00369	.02610	-.00164	1.19000	-.00046	.00319	.00045	-.00007	.00003	2.09969

RUN NO. 233/ 0 RN/L = 8.38 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-1.295	5.99040	8.41630	8.05360	501.25000	.32061	.14248	-.02212	.00354	.06033	33.42200
24.900	-.887	5.99240	8.44320	8.06940	502.93000	.32102	.13384	-.02320	.00371	.05982	1.74210
24.900	-.651	5.99430	8.46560	8.07880	504.17000	.32120	.13213	-.02340	.00374	.05971	1.15110
24.900	-.273	5.99620	8.37700	8.00880	500.48000	.31821	.12416	-.02423	.00387	.05945	.83609
24.900	.021	5.98890	8.37480	8.02430	498.92000	.31960	.12277	-.02453	.00392	.05936	.68493
24.900	.477	5.99940	8.38670	8.01930	502.24000	.31829	.12518	-.02408	.00385	.05921	.56059
24.900	.781	6.00200	8.32310	7.96390	499.65000	.31582	.13386	-.02285	.00365	.05969	.52451
24.900	1.022	6.00180	8.29150	7.94930	498.67000	.31526	.13638	-.02250	.00360	.05992	.51064
	GRADIENT	.00490	-.06002	-.04998	-1.43002	-.00250	-.00235	-.00012	.00002	-.00019	-8.5303[illegible]

LA141B(20-M6-6546) (862C12F10M14)(W127E43)(V8R5) (SKZ056) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 738/ 0 RN/L = 8.35 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
16.000	-.941	5.99690	8.35490	8.02030	501.41000	.31860	.19451	-.01547	.00247	.06397	-.53933
16.000	-.626	5.99600	8.25120	7.90620	494.00000	.31416	.19561	-.01499	.00240	.06369	2.19100
16.000	-.212	5.99570	8.29850	7.95230	496.76000	.31602	.20041	-.01454	.00232	.06308	.86467
16.000	.072	5.99500	8.33350	7.99620	499.25000	.31784	.19312	-.01560	.00249	.06312	.71254
16.000	.480	5.99350	8.52910	8.14680	508.14000	.32399	.18354	-.01724	.00276	.06356	.61896
16.000	.878	5.99330	8.53550	8.15730	508.72000	.32443	.20487	-.01466	.00234	.06386	.55934
	GRADIENT	-.00206	.14189	.11627	6.54320	.00484	.00090	-.00027	.00004	-.00006	.02124

RUN NO. 735/ 0 RN/L = 8.40 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
18.900	-.974	5.99620	8.27770	7.94810	496.68000	.31550	.17954	-.01714	.00274	.06234	13.00400
18.900	-.646	5.99600	8.33390	7.97740	498.42000	.31699	.16758	-.01873	.00299	.06283	1.36380
18.900	-.370	5.99480	8.33570	7.98890	498.73000	.31757	.16952	-.01853	.00296	.06292	.94047
18.900	-.016	5.99450	8.49440	8.07570	504.07000	.32105	.17270	-.01837	.00294	.06263	.71417
18.900	.234	5.99350	8.45540	8.06410	502.97000	.32071	.17214	-.01842	.00294	.06261	.62624
18.900	.521	5.99260	8.47990	8.06520	502.72000	.32084	.17596	-.01796	.00287	.06233	.55732
18.900	.828	5.99160	8.54560	8.13730	506.87000	.32382	.19338	-.01603	.00256	.06193	.53143
	GRADIENT	-.00261	.14749	.09891	5.25953	.00421	.00716	.00058	-.00009	-.00030	-4.80431

RUN NO. 734/ 0 RN/L = 8.39 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
20.000	-.945	6.00060	8.32770	7.91060	495.85000	.31384	.17128	-.01802	.00288	.06171	2.55040
20.000	-.741	5.99850	8.35170	7.93980	496.93000	.31523	.16402	-.01904	.00304	.06201	1.49640
20.000	-.339	5.99650	8.41920	7.98050	498.82000	.31705	.15976	-.01971	.00315	.06231	.90980
20.000	-.110	5.99630	8.39400	7.98370	498.92000	.31721	.16203	-.01944	.00311	.06222	.77293
20.000	.167	5.99550	8.38240	7.98360	498.65000	.31729	.16629	-.01891	.00302	.06199	.63493
20.000	.511	5.99460	8.43570	8.00770	499.83000	.31834	.17056	-.01845	.00295	.06186	.56418
20.000	.803	5.99410	8.47630	8.07570	503.90000	.32110	.18092	-.01736	.00277	.06131	.50669
	GRADIENT	-.00342	.07110	.07717	3.63340	.00343	.00598	.00049	-.00008	-.00022	-.98955

LA141B(20-M6-3546) (B62C12F10M14)(W127E43)(V8R5) (SKZ056) (29 SEP 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0040

PARAMETRIC DATA

ELEVON = .000 AILRON = .000
BDFLAP = .000 SPDBRK = 85.000
RUDDER = 1.400 RN/L = 8.300
PHI = -90.000 MACH = 6.000
SWEEP = 2.000

RUN NO. 736/ 0 RN/L = 8.36 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
21.000	-1.061	6.00130	8.25630	7.89490	495.10000	.31315	.14519	-.02127	.00340	.06153	2.09510
21.000	-.680	6.00050	9.31930	7.93780	497.51000	.31494	.15839	-.01972	.00315	.06162	1.41280
21.000	-.382	6.00090	8.34460	7.97650	500.06000	.31643	.15954	-.01967	.00314	.06165	.91441
21.000	-.100	5.99930	8.37120	8.00150	501.08000	.31760	.15863	-.01987	.00318	.06165	.76586
21.000	.287	5.99880	8.40590	8.04230	503.47000	.31927	.16295	-.01944	.00311	.06150	.60502
21.000	.538	5.99820	8.46780	8.11240	507.64000	.32211	.16324	-.01958	.00313	.06126	.54162
21.000	.804	5.99680	8.41780	8.07260	504.65000	.32069	.16050	-.01984	.00317	.06071	.49908
	GRADIENT	-.00230	.09787	.10945	6.05159	.00459	.00706	.00058	-.00009	-.00036	-.79775

RUN NO. 737/ 0 RN/L = 8.27 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
23.000	-.938	6.00040	8.22320	7.88960	494.44000	.31304	.13120	-.02305	.00368	.06061	1.19980
23.000	-.655	6.00050	8.25690	7.92210	496.53000	.31431	.14382	-.02152	.00344	.06047	1.28120
23.000	-.393	5.99950	8.28870	7.97120	499.25000	.31637	.14088	-.02201	.00352	.06052	.95068
23.000	-.157	6.00000	8.22900	7.89280	494.50000	.31321	.13751	-.02226	.00356	.06062	.80133
23.000	.057	5.99910	8.22910	7.91370	495.52000	.31413	.13873	-.02216	.00354	.06062	.70230
23.000	.335	5.99770	8.24710	7.93350	496.26000	.31507	.14070	-.02198	.00351	.06043	.61839
23.000	.592	5.99740	8.25740	7.94500	496.91000	.31555	.14192	-.02185	.00349	.06024	.56302
23.000	.911	5.99630	8.29890	7.98580	499.06000	.31729	.13814	-.02243	.00359	.06004	.55378
	GRADIENT	-.00235	.02032	.03353	1.29624	.00158	.00186	.00013	-.00002	-.00026	-.42220

RUN NO. 733/ 0 RN/L = 8.22 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA	BETA	MACH	RN/L	Q	PT	P	PB	CPB	CAB	CAF	YCP
24.900	-1.463	6.01050	8.23100	7.87730	497.15000	.31150	.14273	-.02142	.00342	.06084	10.91800
24.900	-1.091	6.01040	8.23160	7.87840	497.15000	.31156	.13184	-.02281	.00365	.06065	2.59280
24.900	-.855	6.00870	8.21470	7.88570	497.03000	.31202	.13246	-.02277	.00364	.06030	1.35040
24.900	-.577	6.00830	8.20310	7.88360	496.76000	.31198	.12897	-.02321	.00371	.06010	1.02010
24.900	-.283	6.00760	8.22620	7.90450	497.84000	.31288	.12292	-.02403	.00384	.05983	.84800
24.900	.005	6.00740	8.28000	7.94840	500.56000	.31463	.12009	-.02448	.00391	.05955	.71138
24.900	.325	6.00530	8.14620	7.82180	491.86000	.30984	.12201	-.02401	.00384	.05947	.57977
24.900	.639	6.00440	8.19100	7.84890	493.27000	.31101	.13060	-.02238	.00367	.05960	.52951
24.900	.928	6.00380	8.25760	7.92110	497.59000	.31393	.13587	-.02248	.00359	.05992	.51176
	GRADIENT	-.00296	-.00443	.00088	-.95617	.00034	-.00337	-.00047	.00008	-.00050	-2.62435