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INVESTIGATION OF SUPPORT SYSTEM EFFECTS ON ORBITER LOW SPEED AERODYNAMIC CHARACTERISTICS USING 0.0405-SCALE MODEL (43-0) IN THE NAAL LOW SPEED WIND TUNNEL (OA176)

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Data Management Services

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL SPECIFICS:

Test Number:	NAAL 754(RI LSWT 754)
NASA Series Number:	OA176
Model Number:	43-0
Test Dates:	March 30 through April 14, 1976
Occupancy Hours:	83

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ABSTRACT

Experimental aerodynamic investigations were conducted on a dual strut mounted 0.0405-scale representation of the 140A/B Space Shuttle Orbiter in the Rockwell International NAAL Low Speed Wind Tunnel during the time period from March 30, 1976 to April 14, 1976. NASA designation for this test period was OA176. Facility designation was NAAL 754.

The primary test objective was to evaluate the aerodynamic influence of three basic types of model support systems on orbiter stability and control characteristics. To accomplish this objective the model was dual strut mounted by its wing tips while 7 variations of the 3 basic support systems were tested in the presence of the model. Aerodynamic force and pressure data were recorded over an angle of attack range of $-4^{o} \leq \alpha \leq 24^{o}$ and an angle of sideslip range of $-4^{o} \leq \alpha \leq 10^{o}$ at a Mach number of 0.20.

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(D): C_L, C_D, C_m, X_{CP}/ℓ, L/D, C_Y, C_n(BODY), C_ℓ(BODY) VS. α

(E): C_L, C_D, C_m, C_N, C_A, X_{CP}/ℓ, L/D VS α; C_L VS. C_D, C_L VS. C_m

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
b_{ref}	BREF	reference length for C_ℓ and C_n, wing span, in.
C_A	CA	axial force coefficient
C_D	CD	drag coefficient
C_L	CL	lift coefficient
C_ℓ	CBL	body axis rolling moment coefficient
C_m	CLM	pitching moment coefficient
C_N	CN	normal force coefficient
C_n	CYN	body axis yawing moment coefficient
C_{P_i}	CPi	pressure coefficient at station i
C_{ref}	LREF	reference length for C_m, wing mean aerodynamic chord, in.
C_Y	CY	side force coefficient
	IML	inner mold line
M_∞	MACH	freestream Mach number
MRP	MRP	moment reference point
	OML	outer mold line
P_i	Pi	local pressure at station i, psia
P_∞	PO	freestream static pressure, psia
q_∞	Q(PSF)	freestream dynamic pressure,psf
ℓ_B	LB	orbiter fuselage length, in.
S_{ref}	SREF	reference area for force and moment coefficients, wing planform area, ft^2

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
Sim	SIM	number from 1 through 7 indicating the support system being simulated, see Configurations Investigated section and Table III for description of each Sim.
X	X	longitudinal coordinate, inches aft of orbiter nose
X/ℓ_B	X/LB	longitudinal position on orbiter as a fraction of orbiter fuselage length
X_{cp}/ℓ	XCP/L	longitudinal location of longitudinal center of pressure, fraction of orbiter fuselage length.
X_{MRP}	XMRP	longitudinal location of MRP, inches X_o
X_o	XO	orbiter longitudinal station, in.
Y_{MRP}	YMRP	lateral location of MRP, inches, Y_o
Y_o	YO	orbiter lateral station, in.
Z_{MRP}	ZMRP	vertical location of MRP, inches, Z_o
Z_o	ZO	orbiter vertical station, in.
α	ALPHA	angle of attack, deg.
β	BETA	angle of sideslip, deg.
δ_a	AILRON	aileron deflection angle, deg. (See Figure 1b)
δ_{BF}	BDFLAP	body flap deflection angle, deg. (See Figure 1b)
δ_e	ELEVON	elevon deflection angle, deg. (See Figure 1b)
δ_{eL}	ELVN-L	left elevon panel deflection angle, deg. (See Figure 1b)
δ_{eR}	ELVN-R	right elevon panel deflection angle, deg. (See Figure 1b)
δ_r	RUDDER	rudder deflection angle, deg. (See Figure 1b)
δ_{SB}	SPDBRK	speed brake deflection angle, deg. (See Figure 1b)

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
ϕ	PHI	angular location on fuselage or tailcone surface, ϕ = 0 on bottom $\mathit{\Phi}_L$, positively increasing clockwise aft looking forward, deg.

CONFIGURATIONS INVESTIGATED

The model used for this test period was a 0.0405-scale representation of the 140A/B Space Shuttle Orbiter with VL70-30-330-02 configuration tailcone.

The orbiter model was of the blended wing-body design with a double delta wing planform, full span, split elevons (unswept hingeline), a centerline vertical tail with rudder/speed brake deflection capability, a canopy, orbital maneuvering system (OMS) pods, landing gear, and a ferry configuration tailcone as shown in Figure 2a.

The model was wing tip mounted on the NAAL dual strut system with the struts located ±16.218 inches from the model centerline so that the model center of rotation was positioned at the wing trailing edge/ fuselage intersection. See Figure 2b.

Alternate support system SIM1 was a simulated sting assembly that was attached to the NAAL sting support system so that it could be pitched and yawed with the model. The tailcone TC_{19} was cut off at X_o 1831 and a 1-inch-deep sting cavity was formed to accept the dummy sting. A minimum of .25 inch clearance was maintained between the model and the non-metric dummy sting as shown on Figure 3d.

Alternate support system SIM2 was a simulated vertical tail blade mount that replaced the orbiter vertical tail, (see Figure 2c). As with SIM1 a support system cavity was formed in the upper aft fuselage with a minimum .25 inch blade/model clearance maintained as shown on Figure 3e.

Alternate support system SIM3 was a lower fuselage blade mount fitted to a fuselage cavity with a minimum .25 inch blade/model clearance (shown in Figure 2c).

The remainder of the alternate support system simulations were either position or assembly variations of the 3 basic systems as described below and in Table III.

For this test period the following letter designations were used to describe the various orbiter-support system simulations:

COMPONENT	DESCRIPTION
B_{26}	Basic 140A/B orbiter fuselage with forward RCS ports
C_9	140A canopy
E_{43}	140A/B dual panel elevons with six inch gaps
F_8	140A/B body flap
G_{15}	140A/B landing gear
M_{16}	140C "short" OMS pods
N_{24}	140A/B main propulsion system nozzles
N_{28}	140A/B/C OMS pod nozzles
PR_1	Flight test nose probe
R_5	140C rudder
SIM1	Sting support simulation, see Figure 3c
SIM2	Vertical tail blade support simulation, see Figure 3b

CONFIGURATIONS INVESTIGATED (Concluded)

COMPONENT	DESCRIPTION
SIM3	Lower fuselage blade support simulation, see Figure 3a
SIM4	Same as SIM1 except sting portion of support removed - only the vertical support post is present, see Figure 3f
SIM5	Same as SIM2 except wooden blade removed - only the vertical support post and blade attach point are present. See Figure 3g
SIM6	Same as SIM3 except fuselage blade removed - only the vertical support post and blade attach point are present, see Figure 3h
SIM7	Same as SIM3 except attach point for blade simulation is 22.0 inches upstream from SIM3 attach point
TC_{19}	Boeing VL70-30-330-02 ferry configuration tail-cone
TC_{23}	Same as TC_{19} except cut off at station X_o 1831
V_8	Vertical tail for orbiter configuration 140C
W116	Double delta wing for orbiter configuration 140A/B
X_9	Boundary layer transition grit located on nose and swept surfaces of model

TEST FACILITY DESCRIPTION

North American Aerodynamics Laboratory (NAAL) 7.75 x 11-foot Wind Tunnel is a continuous flow, closed circuit, single return tunnel capable of speeds up to 200 miles per hour.

The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide and 12 feet long. Power is supplied by a 1250-horsepower nacelle-mounted synchronous motor driving a 19-foot, seven-blade, laminated birch propeller. Airspeed is controlled by using a magnetic clutch to vary the degree of coupling between the motor and propeller. Turbulence is minimized by a damping screen and a honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1).

Tests may be conducted using a variety of mounting systems: single strut, double strut, sting strut, reflection plane, cable suspension, or two-dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting-mounted internal balances. An Astrodata Automatic Data Acquisition System collects, multiplexes, digitizes, and records on magnetic tape 50 channels of force or pressure data or both. Data are then reduced and plotted using automatic data processing equipment and an automatic digital plotter.

The NAAL Wind Tunnel has been operating since June 1943. Calibrations are available over a wide range of test conditions.

DATA REDUCTION

Force data were reduced to coefficient form in body and stability axes with moment reference point at:

	MODEL SCALE	FULL SCALE
X_{MRP}, in. X_o	43.606	1076.68
Y_{MRP}, in. Y_o	0.0	0.0
Z_{MRP}, in. Z_o	15.188	375.0

Reference dimensions were:

S_{ref}, ft.^{2}	4.412	2690
C_{ref}, in.	19.230	474.81
b_{ref}, in.	37.936	936.68

No base corrections were applied to the model because the tailcone was installed. Longitudinal center of pressure was calculated as:

$$X_{cp/\ell} = \left[X_{MRP} - \frac{C_m \cdot C_{ref}}{C_N} \right] \frac{1}{\ell_B}$$

where:

	MODEL SCALE	FULL SCALE
ℓ_B, in.	52.257	1290.3

Pressure data were reduced to coefficients as:

$$C_{P_i} = \frac{P_i - P_\infty}{q_\infty}$$

Data are presented in plotted form in the Data Figures and in tabulated form in the Appendix. Pressure coefficients from bad or disconnected instruments are indicated by a "0.0000".

TABLE I.

TEST : 0A176 DATE : 4/20/76

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (million per foot)	DYNAMIC PRESSURE (pounds/sq.ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.20	1.43	80	60 to 90

BALANCE UTILIZED: NAAL DUAL STRUT PLANAR BALANCE

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	400 #	±.10%	
SF	100 #	±.25%	
AF	160 #	±.25%	
PM	520 ft-#	±.10%	
RM	100 ft-#	±.10%	
YM	140 ft-#	±.10%	

COMMENTS:

LMS 010

TABLE II.

TEST: ØA176 NAAL 754

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20
RFJ*01	1	A	0	0	0	0	0	-11.7	1	1
02		A	2							2
03		0	B							3
04		5								4
05		10								5
06		15								6
07		20								7
08		0						0		8
09		10								9
10		20								10
11		0						16.3		11
12		10								12
13		20								13
14	1 + G15	A	0					-11.7		14
15		A	2							15
16		0	B							16
17		5								17
18		10								18

TEST RUN NUMBERS

1	7	13	19	25	31	37	43	49	55	61	BETA	75 76
CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D	MACH	ALPHA	1.0

COEFFICIENTS

α OR β SCHEDULES

α(A) = -4° → +24°, Δα = 4°

β(B) = -4° → +10°, Δβ = 2° plus ± 1°

IDVAR (1) IDVAR (2) NDV

1 B26C9PK1M16NCaWJ16E43FaV3R5X9 TCP

TABLE II. (Continued)

TEST: ØA176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20	TEST RUN NUMBERS
RFJ*19	① + G15	15	B	0	0	0	0	-11.7	1	19	
20	↓	20	↓	↓	↓	↓	↓	↓	↓	20	
21	① + G15 SIM4	C	0							21	
22	↓	0	B							22	
25	② + SIM5	0	↓							25	
26	↓	5	↓							26	
27	↓	D	0							27	
28	② + SIM 2	0	B							28	
29	↓	5	↓							29	
30	↓	0	↓							30	
31	↓	5	↓							31	
32	↓	10	↓							32	
33	↓	15	↓							33	
34	↓	20	↓							34	
35	③ + SIM 1	0	↓							35	
RFJ036	↓	5	↓							36	
RFJ*39	↓	20	↓							39	
40	↓	15	↓	↓	↓	↓	↓	↓	↓	40	

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

α OR β SCHEDULES

α(C) = -4° → +2.4° → -4°, Δα = 4°

α(D) = 0°, 5°, 10°, 15°, 20°

COEFFICIENTS

(DVAR (1) (DVAR (2)

③ = B26C9PR1M16N28W116E43F8V8R5TC23X9

② = B26C9PR1M16N28W116E43F8 TC19X9

① = B26C9PR1M16N28W116E43F8V8R5TC19X9

TABLE II. (Continued)

TEST: ØA176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20	TEST RUN NUMBER
RFJ*41	③ + SIM 1	10	B	0	0	0	0	-11.7	1	41	
44	① + SIM 4	A	C							44	
45		C	B							45	
46		5								46	
47		10								47	
48		15								48	
49		20								49	
51	① + SIM 5	A	C							51	
52		C	B							52	
53		5								53	
54		10								54	
55		15								55	
56		20								56	
58	① + SIM 3	A	C							58	
59		C	B							59	
60		5								60	
61		10								61	
62		15								62	

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

α OR β SCHEDULES

COEFFICIENTS

α(A) = −4° → +24°, Δα = 4°

β(B) = −4° → +10°, Δβ = 2° plus ± 1°

IDVAR (1) IDVAR (2) NCV

① = B26C9PR1M16N28W116E43F8V8R5TC19X9

③ = B26C9PR1M16N28W116E43F8V8R5TC23X9

TABLE II. (Continued)

TEST: ØA176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20
RFJ#63	(1) + SIM3	20	B	0	0	0	0	-11.7	1	63
64	(1) + SIM6	A	0							64
65		0	B							65
66		5								66
67		10								67
68		15								68
69		20								69
71	(1) + SIM7	A	0							71
72		0	B							72
73		5								73
74		10								74
75		15								75
76		20								76
77	(3) + SIM 1	5						0		77
78								+16.3		78
79							55	-11.7		79
80						-10	0			80
81				+10		0	0			81

TEST RUN NUMBERS

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

α OR β SCHEDULES

COEFFICIENTS

α(A) = -4° → +24°, Δα = 4°

β(B) = -4° → +10°, Δβ = 2° plus ±1°

IDVAR (1) IC(1,AR(2) NCV

(1) = B26C9PR1M16N28W116E43F8V8R5TC19X9

(3) = B26C9PR1M16N28W116E43F8V8R5TC23X9

TABLE II. (Continued)

TEST: ØA176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20	TEST RUN NUMBER
RFJ*82	③ + SIM 1	5	B	0	+10	0	0	-11.7	1	82	
83		A	0		0					83	
84		0	B							84	
85		5	B							85	
86	① + SIM 4	A	0							86	
87		0	B							87	
88		5								88	
89		10								89	
RFJ090		15								90	
91		20								91	
92	① + SIM 7	A	0							92	
93		0	B							93	
94		5								94	
95		10								95	
96		15								96	
97		20								97	
98		5						0		98	
99		5						+16.3		99	

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

α OR β SCHEDULES

COEFFICIENTS

α(A) = -4° → +24°, Δα = 4°

β(B) = -4° → +10°, Δβ = 2° plus ±1°

(1) = B26C9PR1M16N28W116E43F8V8R5TC19X9 (IDVAR(1) IDVAR(2) NCV)

(3) = B26C9PR1M16N28W116E43F8V8R5TC23X9

TABLE II. (Continued)

TEST: ØA176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20	TEST RUN NUMBERS
RFJ 100	(1) + SIM7	5	B	+10	0	0	0	-11.7	1	100	
101	↓	5	B	0	+10	↓	↓	↓	↓	101	
102	(1) + SIM6	A	0	↓	0	↓	↓	↓	↓	102	
103	↓	0	B	↓	↓	↓	↓	↓	↓	103	
104	↓	5	↓	↓	↓	↓	↓	↓	↓	104	
105	↓	10	↓	↓	↓	↓	↓	↓	↓	105	
106	↓	15	↓	↓	↓	↓	↓	↓	↓	106	
107	↓	20	↓	↓	↓	↓	↓	↓	↓	107	
108	(1) + SIM4	12.5	↓	↓	↓	↓	↓	↓	↓	108	
109	↓	15	↓	↓	↓	↓	↓	↓	↓	109	
110	↓	17.5	↓	↓	↓	↓	↓	↓	↓	110	
111	↓	17.5	↓	↓	↓	↓	↓	0	↓	111	
112	↓	15	↓	↓	↓	↓	↓	↓	↓	112	
113	↓	12.5	↓	↓	↓	↓	↓	↓	↓	113	
114	↓	12.5	↓	↓	↓	↓	↓	+16.3	↓	114	
115	↓	15	↓	↓	↓	↓	↓	↓	↓	115	
116	↓	17.5	↓	↓	↓	↓	↓	↓	↓	116	
117	(1) + SIM6	A	0	↓	↓	↓	↓	-11.7	↓	117	

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

α OR β SCHEDULES

COEFFICIENTS

α(A) = -4° → +24°, Δα = 4°

β(B) = -4° → +10°, Δβ = 2° plus ±1°

(1) = B26C9PR1M16N28W116E43F8V8R5TC19X9 (DVAR(1) DVAR(2) DCV

TABLE II. (Concluded)

TEST: ΦA 176 NAAL 754 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 20 APRIL 1976

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δe	δa	δr	δSB	δBF	NO. OF RUNS	MACH NUMBERS .20
RFJ118	(1) + SIMG	0	B	0	0	0	0	-11.7	1	118
119		5								119
120		10								120
121		15								121
122		20								122

TEST RUN NUMBERS

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

α OR β SCHEDULES

COEFFICIENTS

α(Δ) = −4° → +24°; Δα = 4°

β(B) = −4° → +10°; Δβ = 2° plus ± 1°

(1) = B26C9PR1M16N28W116E43F8V8R5TC19X9

(DVAR (1)) (DVAR (2)) (DV)

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: Body - B_{26}

GENERAL DESCRIPTION: Configuration 140A/B orbiter fuselage.

NOTE: B26 is identical to B24 except underside of fuselage has been refaired to accept W116.

MODEL SCALE: 0.0405 SS-A00147

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

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (OML: Fwd Sta. Xo=235), In.	1293.3	52.379
Length (IML: Fwd Sta. Xo=238), In.	1290.3	52.257
Max. Width(@ X_o = 1528.3), In.	264.0	10.692
Max. Depth(@ Xo = 1464), In.	250.0	10.125
Fineness Ratio	0.26357	0.26357
Area - Ft^2		
Max. Cross-Sectional	340.88	0.559

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: Canopy - C9

GENERAL DESCRIPTION: 140/A Orbiter Canopy

Configuration Used with Fuselage B26

Scale Model = 0.0405

DRAWING NUMBER: VL70-000140A
VL70-000143A

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_o 434.64 to 578.00), in.	143.36	5.806
Max. Width (X_o = 513.13), in.	152.41	6.173
Max. Depth (X_o = 485.00), in.	25.00	1.013

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: ELEVON - E43

GENERAL DESCRIPTION: Configuration 140A/B orbiter elevon.

NOTE: E43 is a slotted elevon version of E26. Data are for one side.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000200, VL70-006089 VL70-006092

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area - Ft^2	210.00	0.344
Span (equivalent), In.	349.2	14.143
Inb'd equivalent chord, In.	118.004	4.779
Outb'd equivalent chord, In.	55.192	2.235
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Tailing Edge	-10.056	-10.056
Hingeline	0.0	0.0
Area Moment (Product of area and $\bar{c}$), Ft^3	1587.25	0.105
Mean Aerodynamic Chord, In.	90.7	3.673

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP - F_8

GENERAL DESCRIPTION: Configuration 140A/B Orbiter body flap.

Hingeline located at X_O = 1528.3, Z_O = 284.3

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140A, -000145 SS-A00147

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_O=1520 to X_O=1613), In.	93.00	3.767
Max. Width, In.	262.00	10.611
Max. Depth (X_O = 1520), In.	23.00	0.932
Area - Ft^2		
Max. Cross-Sectional	150.525	0.247
Base	41.847	0.0686

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: LANDING GEAR - G15

GENERAL DESCRIPTION: Configuration 140A/B main and nose landing gear door and struts.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140/SS-A00149.

DIMENSIONS:	FULL SCALE	MODEL SCALE
NOSE GEAR:		
No. Wheels	2	2
Wheel axis:		
Fuselage Station, In.	374.741	15.177
Waterline, In.	221.506	8.971
Pivot axis:		
Fuselage Station	375.506	15.208
Waterline	298.000	12.069
Strut Diameter, In.	7.716	0.3125
Wheel Diameter, In.	32.000	1.296
Wheel Width, In.	8.790	0.356
Wheel Centerline-to-centerline width, In.	22.000	0.891
Side Door:		
Height (follows body contour), In.	18.518	0.750
Leading Edge location, F.S.	272.049	11.018
Trailing Edge location, F.S.	381.926	15.468
MAIN GEAR (Two Struts):		
No. of wheels (per strut)	2	2
Wheel axis:		
Fuselage Station, In.	1171.086	47.429
Waterline, In.	175.432	7.105
Pivot axis:		
Fuselage Station, In.	1180.000	47.790
Waterline, In.	283.012	11.462
Main Strut Diameter, In.	9.568	0.3875
Wheel Diameter, In.	44.198	1.790
Wheel Width, In.	16.049	0.650
Wheel centerline-to-centerline width, In.	36.000	1.458
Side Door:		
Length, In.	148.148	6.000
Width, In.	61.728	2.500

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: Orbital Maneuvering System - M16

GENERAL DESCRIPTION: 140C Orbiter OMS/RCS Pods.

Scale Model = .0405

DRAWING NUMBER: VL70-008401
VL70-008410

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta. Xo=1310.5)-in.	258.50	10.469
Max. Width (Xo=1511.0)-in.	136.80	5.540
Max. Depth (X =1511.0)-in.	74.70	3.025
Fineness Ratio	2.484	2.484
Area - Ft^2		
Max. Cross-Sectional	58.864	0.097

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: MPS NOZZLES - N_{24}

GENERAL DESCRIPTION: Configuration 140A/B orbiter MPS nozzles.

MODEL SCALE: .0405

DRAWING NUMBER: VL70-005030A, VL70-000140A

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length - In.	157.0	6.359
Gimbal Point to Exit Plane	99.2	4.018
Diameter - In.		
Exit	91	3.686
Gimbal Point (Station) - In.		
Upper Nozzle		
X_o	1445.00	58.523
Y_o	0.0	0.0
Z_o	443.00	17.942
Lower Nozzles		
X_o	1468.17	59.461
Y_o	±53.00	±2.147
Z_o	342.640	13.877
Null Position - Deg.		
Upper Nozle		
Pitch	16°	16°
Yaw	0	0
Lower Nozzle		
Pitch	10	10
Yaw	3.5	3.5
Area, Ft^2		
Exit	45.166	0.0741

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS NOZZLES - N_{28}

GENERAL DESCRIPTION: Configuration 140A/B/C Orbiter OMS nozzles

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140 (Location), SS-A00106, Rel. 5 (Contour)

DIMENSIONS:		FULL SCALE	MODEL SCALE
Gimbal Point (Station), In.			
Left Nozzle			
X_o		1518.0	61.479
Y_o		-88.0	-3.564
Z_o		492.0	19.93
Right Nozzles			
Xo		1518.0	61.479
Y_o		88.0	3.564
		492.0	19.93
Null Postion - Deg.			
Left Nozzle			
Pitch		15°49'	15°49
Yaw	OUTB'D	12°17"	12°17'
Right Nozzle			
Pitch		15°49'	15°49'
Yaw	OUTB'D	12°17'	12°17'

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: NOSE PROBE - PR_1

GENERAL DESCRIPTION: Flight test nose probe simulation used with B_{26} and B_{70}. The probe is at a -5 deg. incidence angle (nose down) with respect to the FRP.

Scale Model = 0.0405

DRAWING NUMBER: VL70-32001A
SS-A01680, Rosemount 00855-1153

DIMENSIONS:		FULL SCALE	MODEL SCALE
Length, in.		215.325	8.721
Max. Width, in.		6.201	0.251
Angle from Freestream, deg.		-5.00	-5.00
Fineness Ratio		0.0288	0.0288
Area, In^2			
Max. Cross-Sectional		30.200	0.0495
Boom ℄ intersects OML on			
Orbiter nose at	X_o	23.067	0.934
	Z_o	349.017	14.135
Probe ℄ at tip LE is located at	X_o	23.561	0.954
	Z_o	330.251	13.375

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: RUDDER - R5

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

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000146B, VL70-000095

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area - Ft^2	100.15	0.1643
Span (equiv.), In.	201.00	8.141
Inb'd equiv. chord, In.	91.585	3.709
Outb'd equiv. chord, In.	50.833	2.059
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of area and $\bar{c}$), Ft^3	610.92	0.0406
Mean aerodynamic chord, In.	73.20	2.965

TABLE III. MODEL DIMENSIONAL DATA (Continued)

ADDITIONAL DIMENSIONAL DATA

SIM1 A non-metric straight sting simulation used to investigate sting interference on orbiter aerodynamics. See Figure 3c.

SIM2 A non-metric vertical tail blade support simulation used to investigate blade interference on orbiter aerodynamics. See Figure 3b.

SIM3 A non-metric lower fuselage blade support simulation used to investigate blade interference on orbiter aerodynamics. See Figure 3a.

SIM4 Same as SIM1 except the straight sting simulation was removed and only the vertical support post was present. See Figure 3f.

SIM5 Same as SIM2 except the vertical tail blade support simulation was removed and only the vertical support post and blade attach point were present. See Figure 3g.

SIM6 Same as SIM3 except fuselage blade removed, only vertical support post and blade attach point were present. See Figure 3h.

SIM7 Same as SIM3 except attach point for blade simulation was 22 inches upstream from SIM3 attach point.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: Tailcone - TC_{19}

GENERAL DESCRIPTION: Afterbody tailcone used with body B26 to simulate the orbiter ferry configuration (Boeing VL70-30-330-02).

SCALE MODEL = 0.0405

DRAWING NUMBER: SS-A01680
VL70-30-330-02

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (TE @ X_o 1900), in.	459.3	18.602
Max. Width (@ X_o 1523), in.	303	12.272
Max. Depth (@ X_o 1466), in.	286	11.583
Area, ft^2		
Max. Cross-Sectional (X_o 1523)	504.6	0.828
Frontal	469.9	0.771

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: Tailcone - TC_{23}

GENERAL DESCRIPTION: Afterbody tailcone, same as TC_{19} except the tailcone is cut off at X_o 1831 (74.156 model scale) to accept a dummy sting. Initial use was during ØA 176, March/April 1976.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-30-330-02, SS-A01680

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (TE @ X_o 1831), in.	390.3	15.808
Max. Width @ X_o 1523), in.	303.0	12.272
Max. Depth @ X_o 1466), in.	286.0	11.583
Area, ft^2		
Max. X-Sectional @ X_o 1523)	504.6	0.828
Frontal	469.9	0.771

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VERTICAL - V_8

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

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140C, VL70-000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.253	0.678
Span (Theo) - In.	315.72	12.787
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo) WP	268.50	10.874
Tip (Theo) WP	108.47	4.393
MAC	199.81	8.092
Fus. Sta. of .25 MAC	1463.35	59.266
W.P. of .25 MAC	635.52	25.738
B.L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.92	14.92
Leading Edge Radius	2.00	0.081
Void Area	13.17	0.022
Blanketed Area	0.0	0.0

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: Wing - W116

GENERAL DESCRIPTION: 140A/B Orbiter Double Delta Wing Configuration

DRAWING NUMBER: VL70-000140B
VL70-000200

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area - Ft^2		
Planform (Theoretical)	2690.00	4.412
Wetted		
Span (equivalent) - in.	936.68	37.936
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Toe-In Angle	-	-
Cant Angle	-	-
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords: in.		
Root (Wing Sta. 0.0)	689.24	27.914
Tip, (equivalent)	137.85	5.583
MAC	474.81	19.230
Fus. Sta. of .25 MAC	1136.83	46.042
W.P. of .25 MAC	290.58	11.768
B.L. of .25 MAC	182.13	7.376
Airfoil Section		
Root	Mod. NASA	XXXX-64
Tip	"	
EXPOSED DATA		
Area, ft^2	1751.50	2.873
Span (equivalent), in.	720.68	29.188
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords, in.		
Root	562.09	22.765
Tip	137.85	5.583
MAC	392.83	15.910
Fus. Sta. of .25 MAC	1185.98	48.032
W.P. of .25 MAC	294.30	11.919
B.L. of .25 MAC	251.77	10.197
CUFF DATA (1 of 2 sides), Area - Ft^2		
L.E. Intersects Fus. M. Sta.	500.00	20.250
Wing Sta.	1024.00	41.472

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: TRANSITION GRIT - X_9

GENERAL DESCRIPTION: Grit located on model nose and all swept surfaces to provide forced boundary layer transition.

MODEL SCALE: 0.0405

DIMENSIONS:

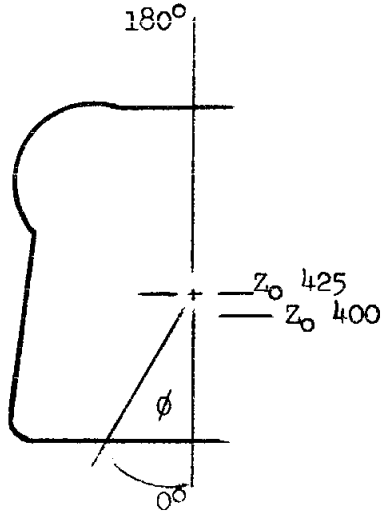
Nominal grit diameter, In.	
Fuselage	0.0054
Surfaces	0.0076
Strip width, In.	0.10
Location - inches aft (streamwise) of local leading edges.	1.00

TABLE IV. TAILCONE PRESSURE INSTRUMENTATION

$\frac{X}{\ell_B}$	X_o (IN.)	Z_o CENTER (IN.)	ϕ - DEGREES							
			0	44.8	50.1	101.4	115.6	133.8	149.1	180.0
0.997	1525	400	1	2	3	4	5	6	7	8
1.017	1550	↓	9			10		11		12
1.055	1600	↓	13			14		15		16
1.094	1650	↓	17			18		19		20
1.133	1700	↓	21			22		23		24
1.171	1750	↓	25			26		27		28
1.210	1800	425	29			30		31		32
1.234	1830	↓	33	34	35	36		37		38
1.235	1831	↓	46			47				48
1.280	1890.7	↓	39	40	41		42		43	44
1.287	1900	↓	45							

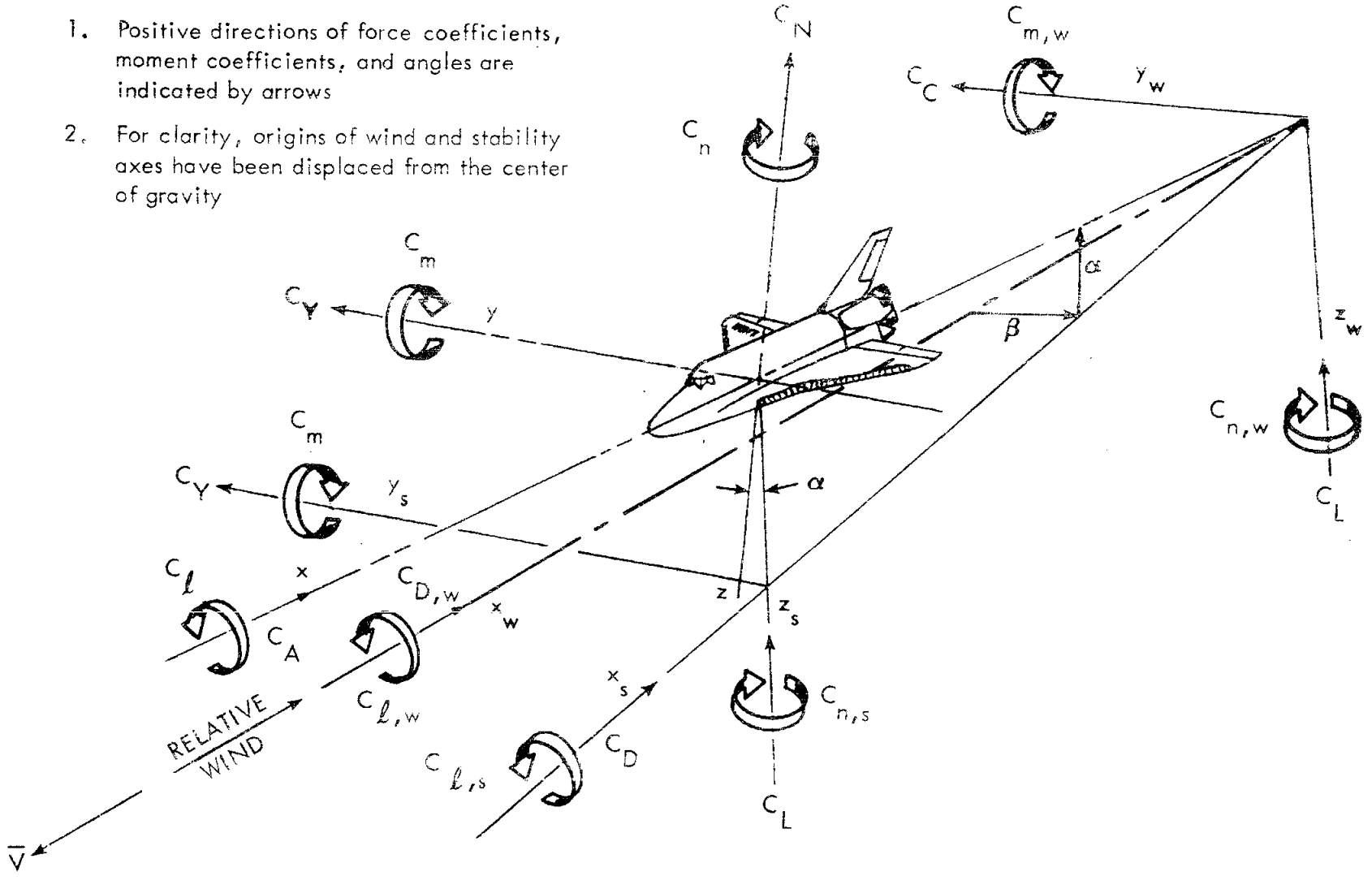
$$X_o = 238 + \left(\frac{X}{\ell_B}\right) 1290.3$$

NOTE: ℄ for definition of ϕ varies as shown in table by Z_o Center.



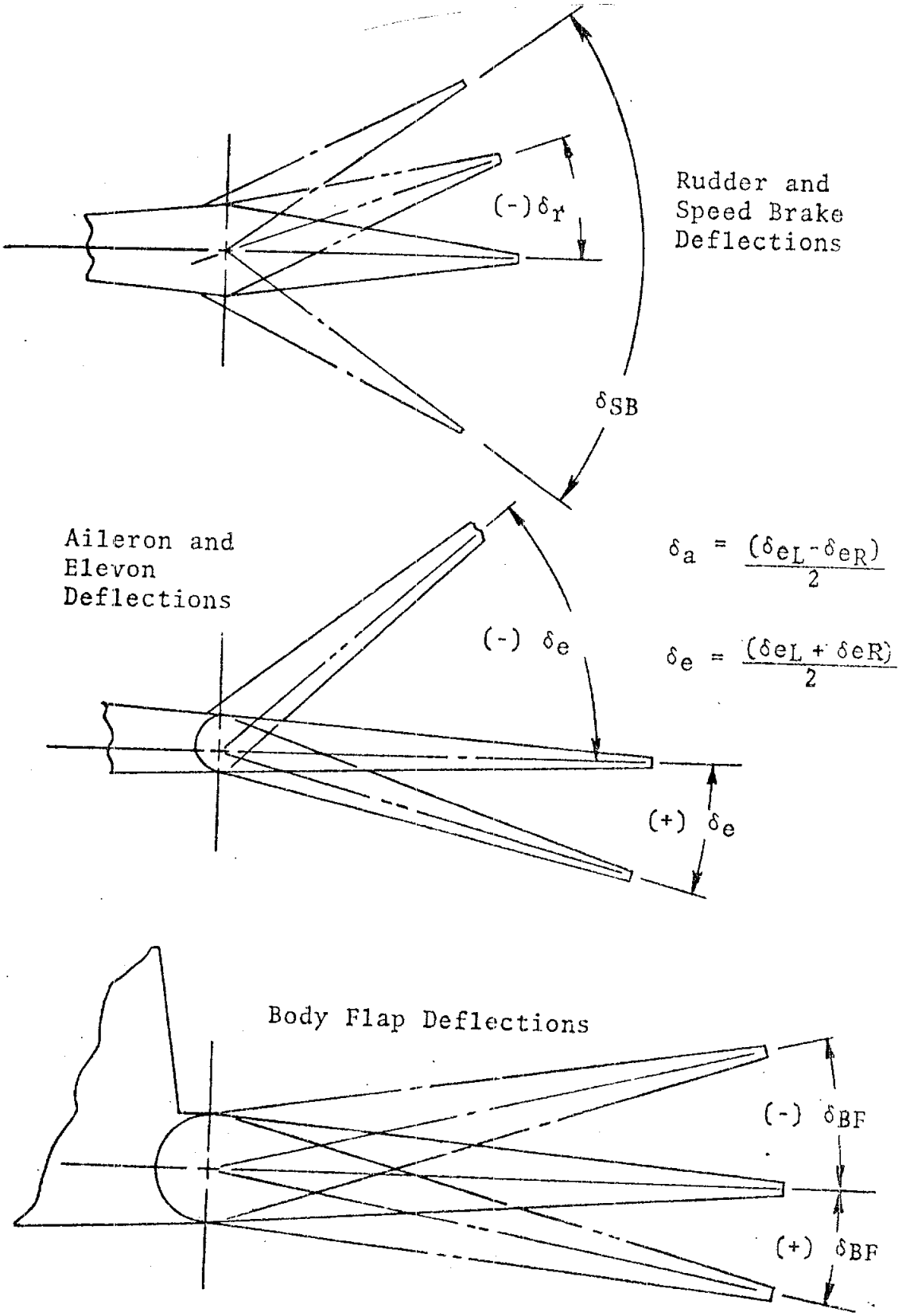
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

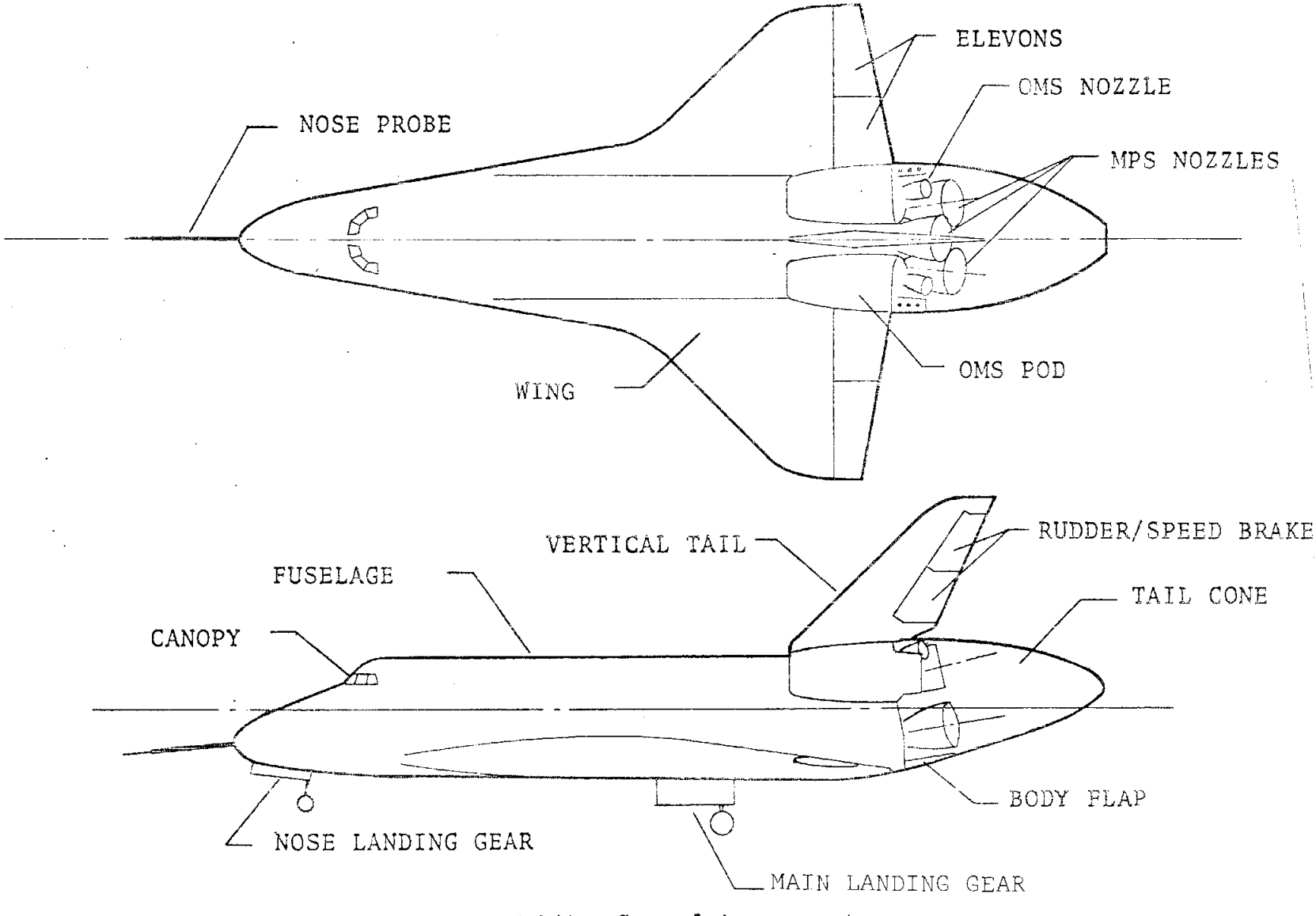


a. General

Figure 1. Axis Systems

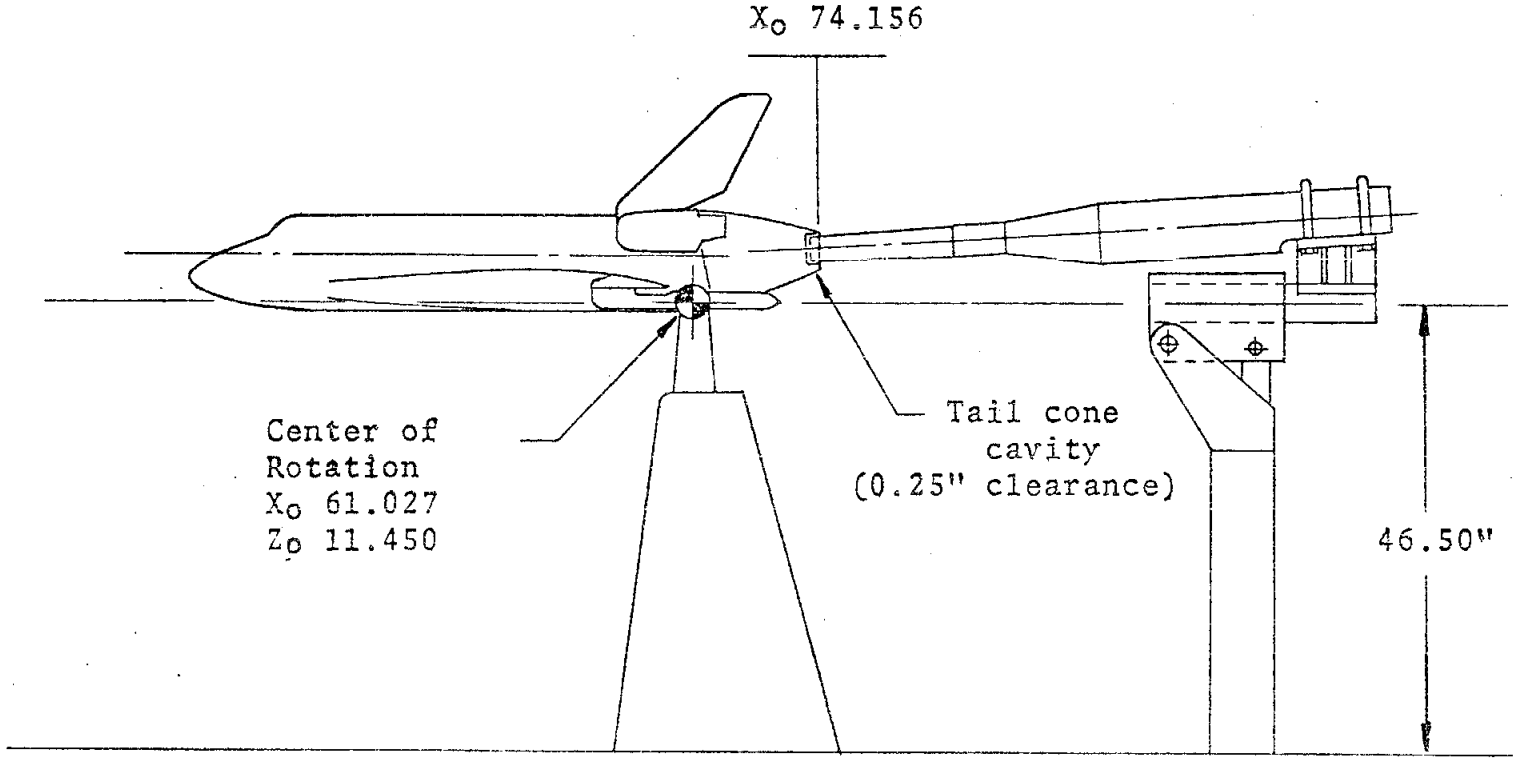


b. Control Surface Sign Convention
Figure 1. Continued.

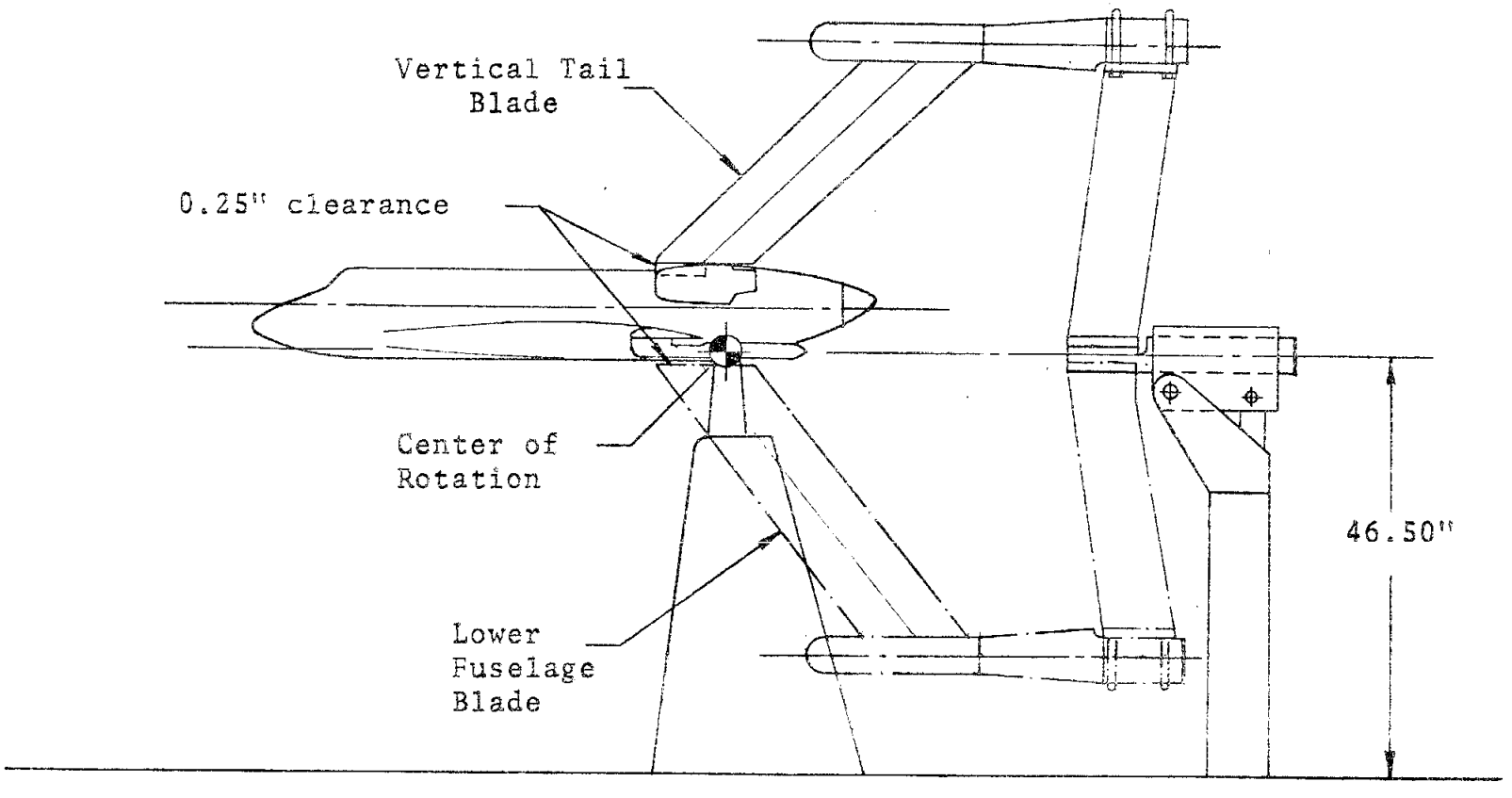


a. Orbiter General Arrangement

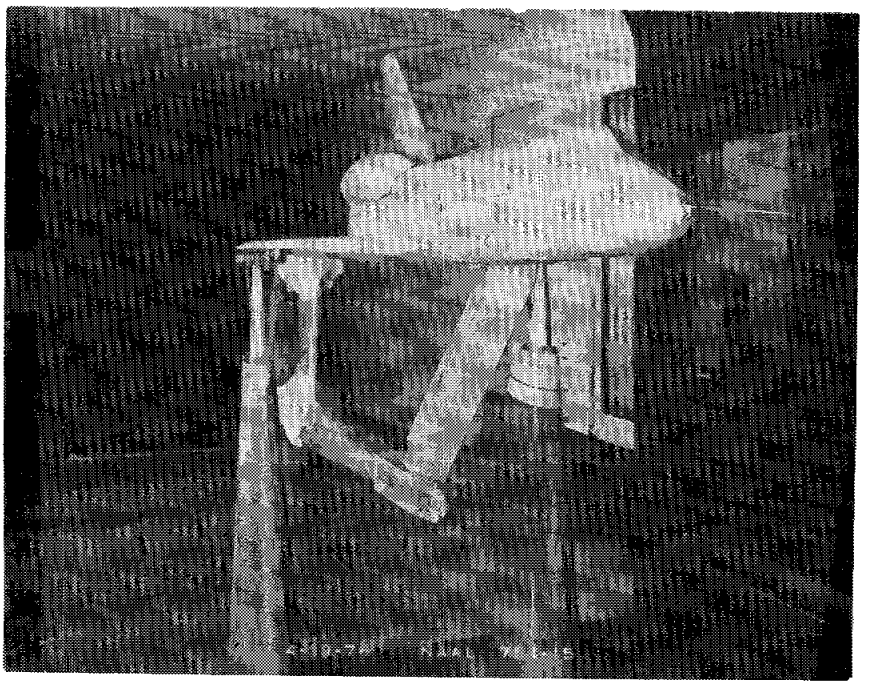
Figure 2. Model sketches.



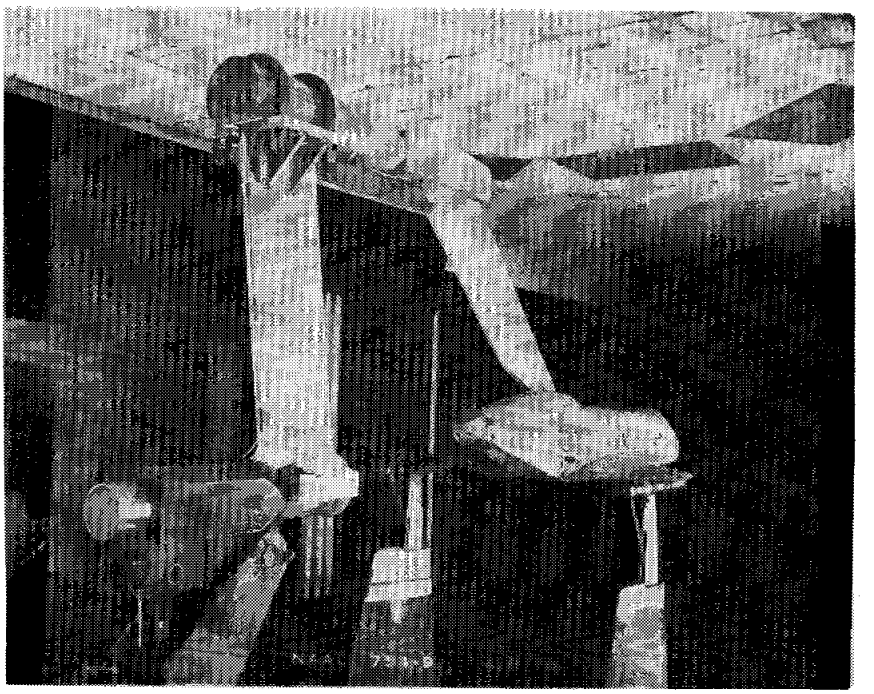
b. Model Installation - Dummy Sting
Figure 2. Continued.



c. Model Installation - Blade Mount Systems
Figure 2. Concluded.

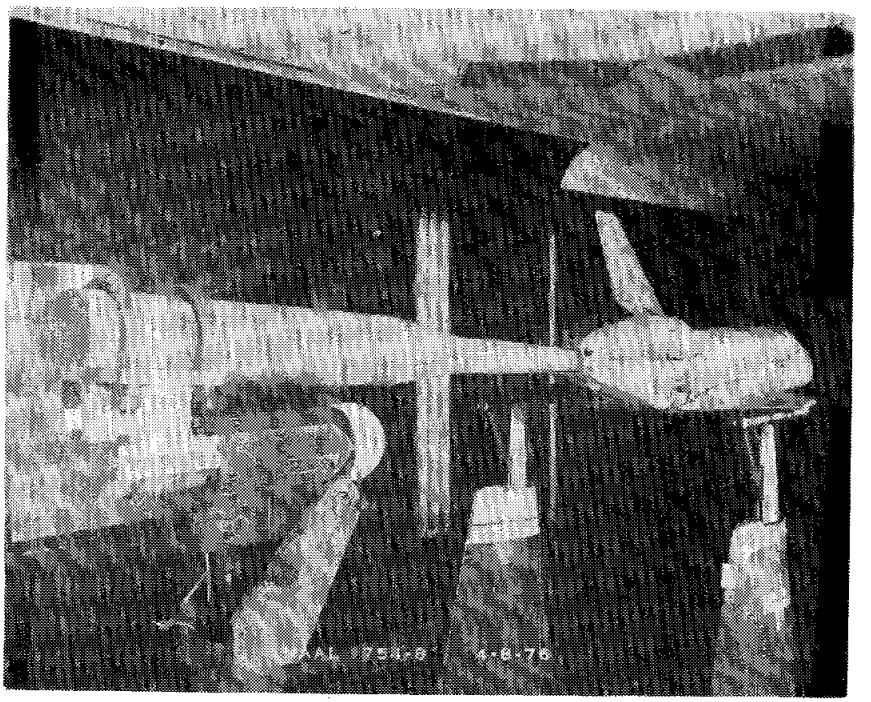


a. Front View, NAAL Installation with Bottom Blade Support Simulation SIM3. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{19} X_9

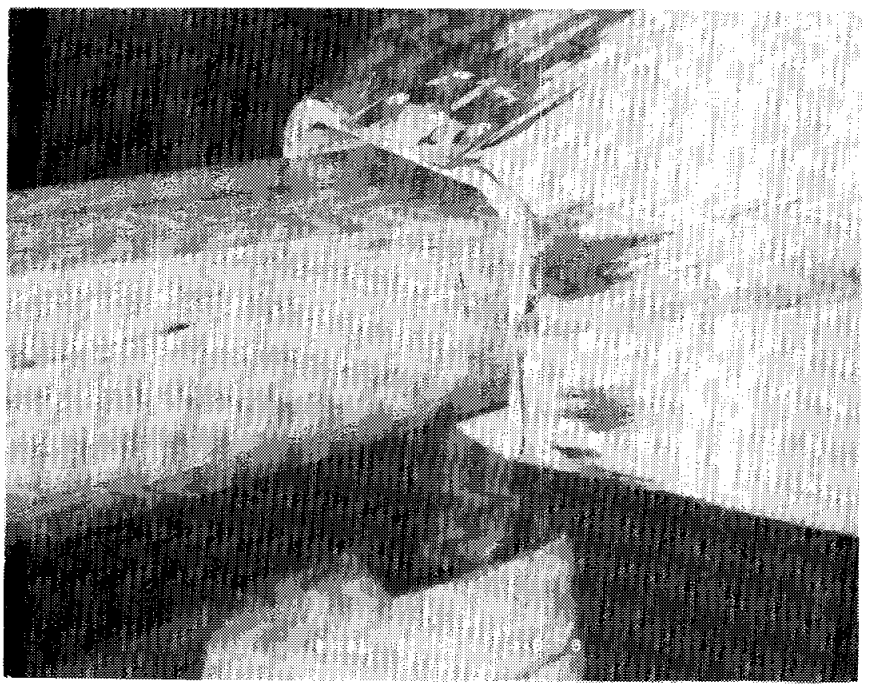


b. Rear View NAAL Installation with Vertical Tail Blade Simulation SIM2. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{19} X_9

Figure 3. Model photographs.

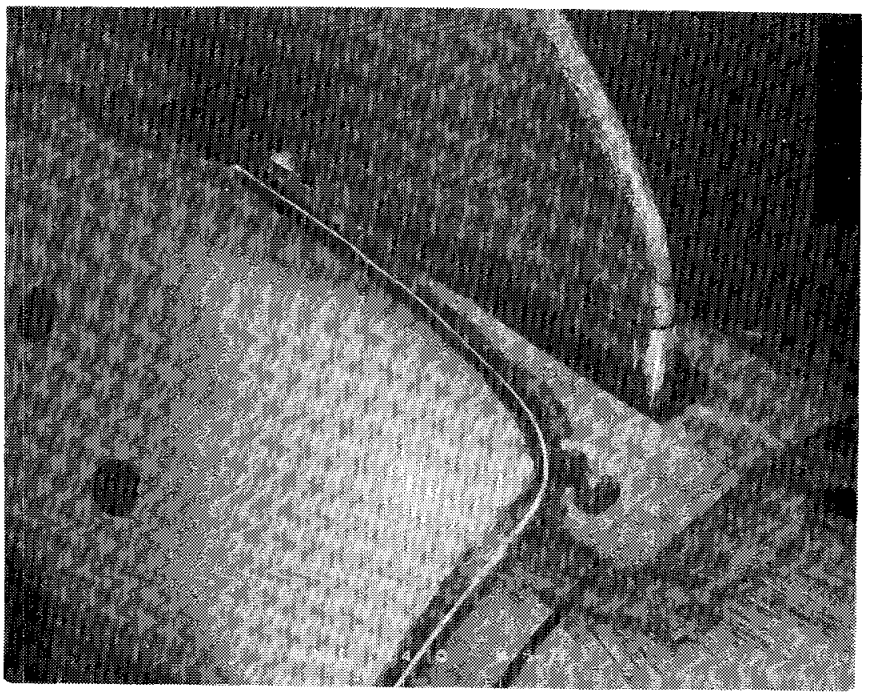


c. Rear View NAAL Installation with Dummy Sting Simulation SIM1. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{23} X_9

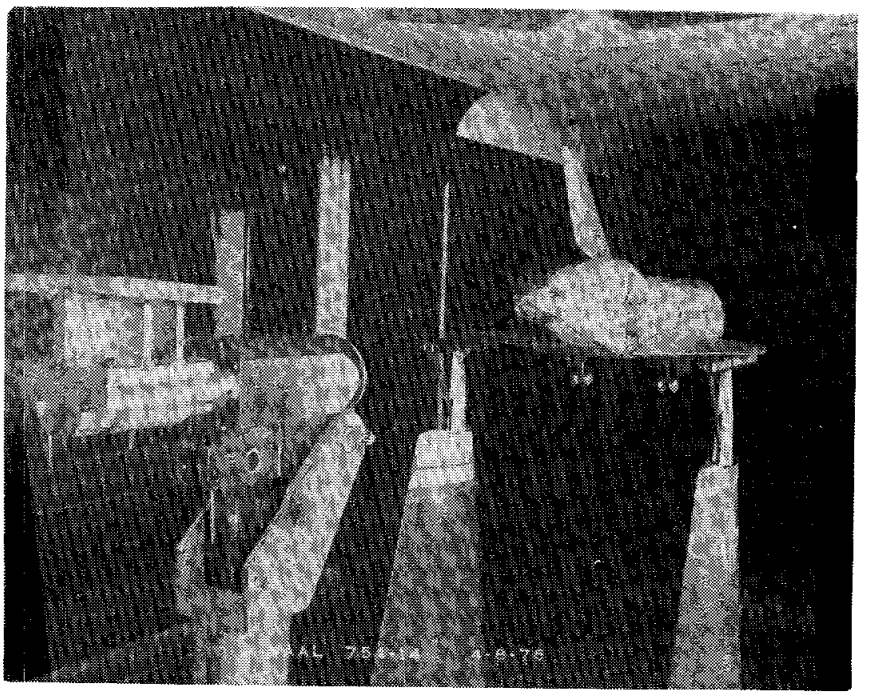


d. Sting Support SIM1 Model/Sting Region

Figure 3. Continued.

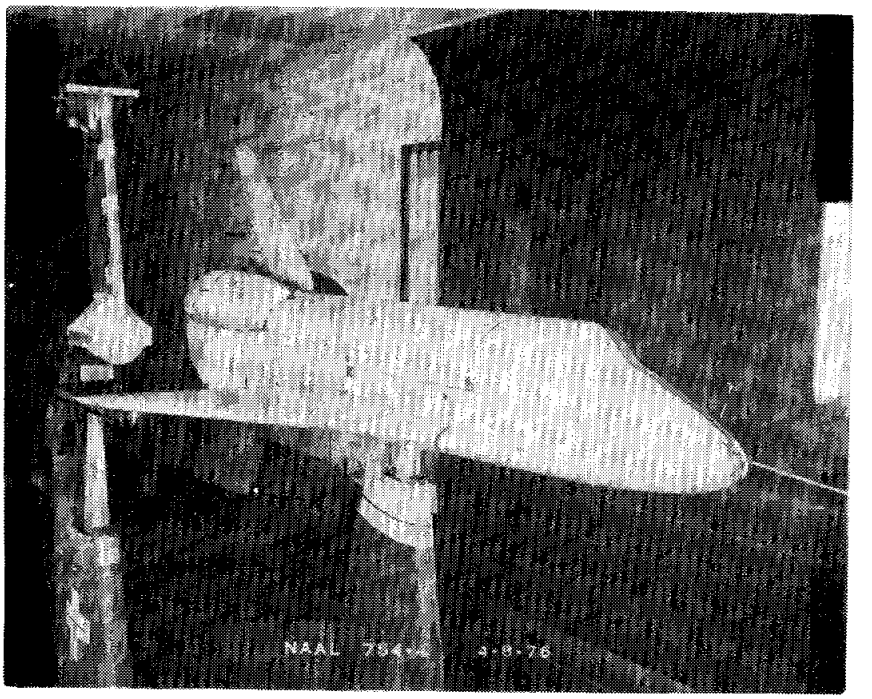


e. Vertical Tail Blade Mount SIM2 Model/Blade Region

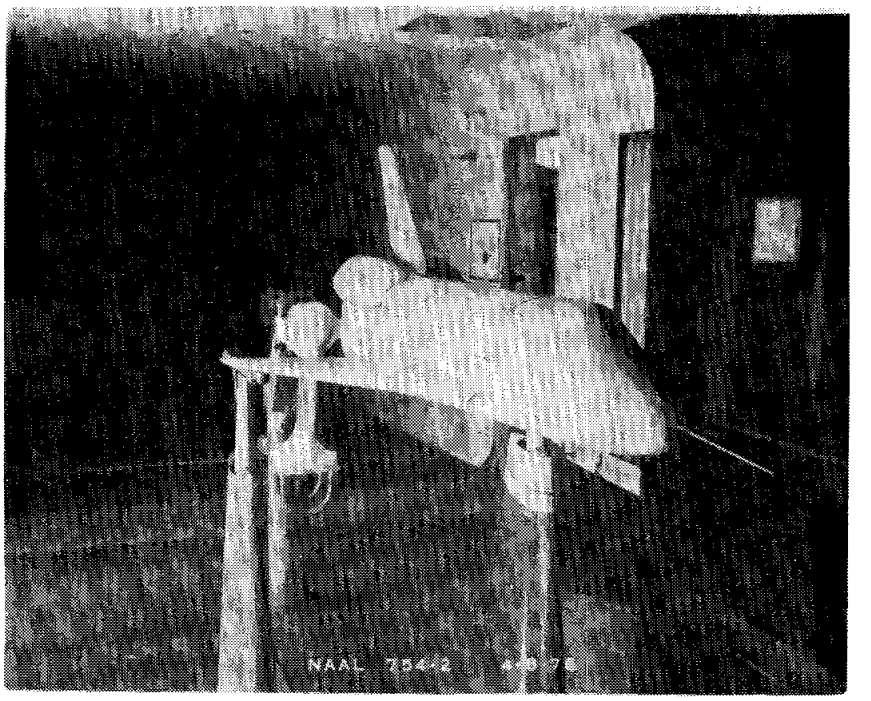


f. Rear View NAAL Installation with Sting Support Simulation SIM4. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{19} G_{15} X_9

Figure 3. Continued.



g. Front View NAAL Installation with Vertical Tail Blade Support Simulation SIM5. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{19} X_9



h. Front View NAAL Installation with Fuselage Blade Support Simulation SIM6. Model Configuration B_{26} C_9 PR_1 M_{16} N_{28} W_{116} E_{43} F_8 V_8 R_5 TC_{19} X_9

Figure 3. Concluded.

DATA FIGURES

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DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

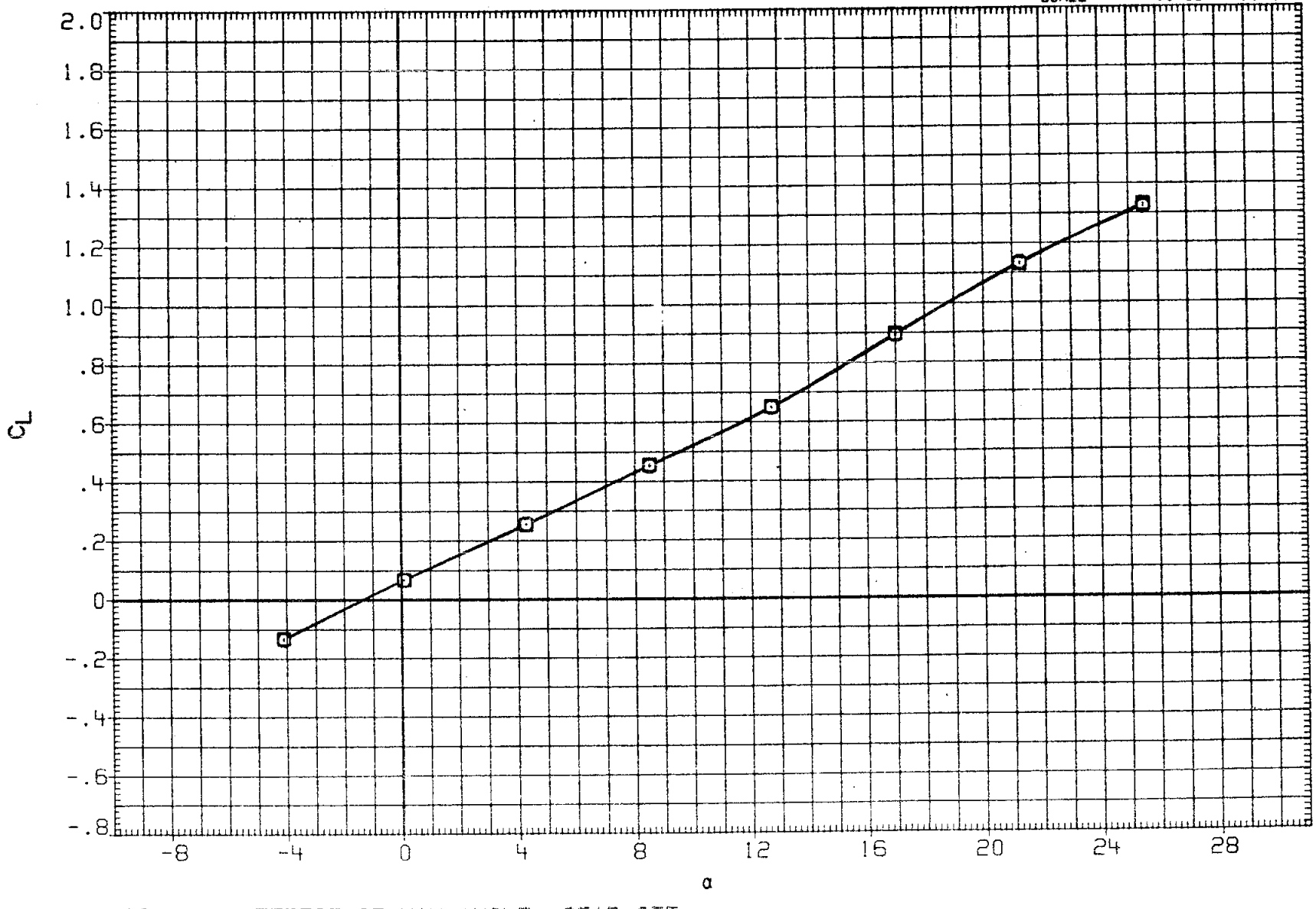

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

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	.0405	SCALE

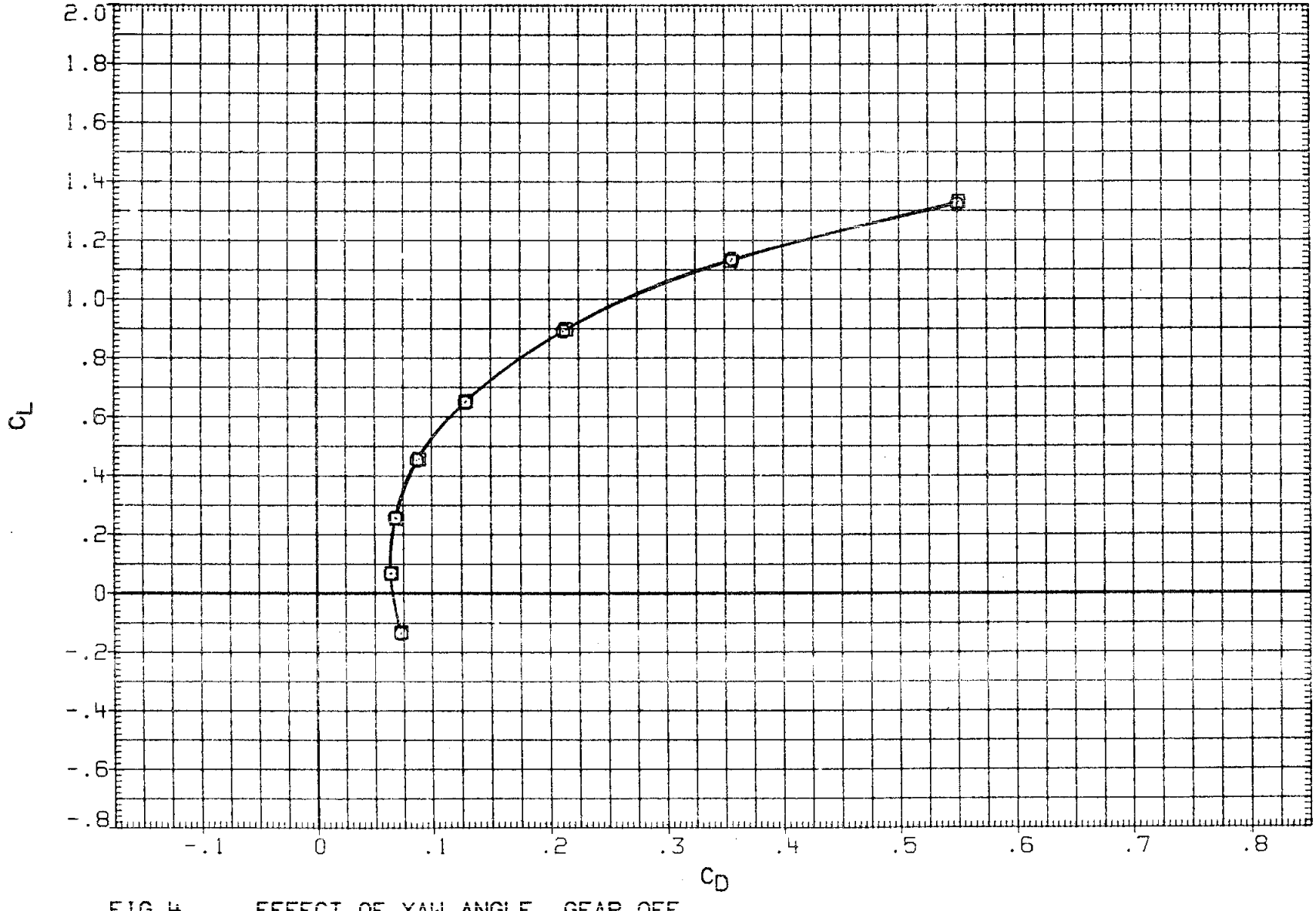

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	DEFLAP	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	2.000

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	.0405	SCALE

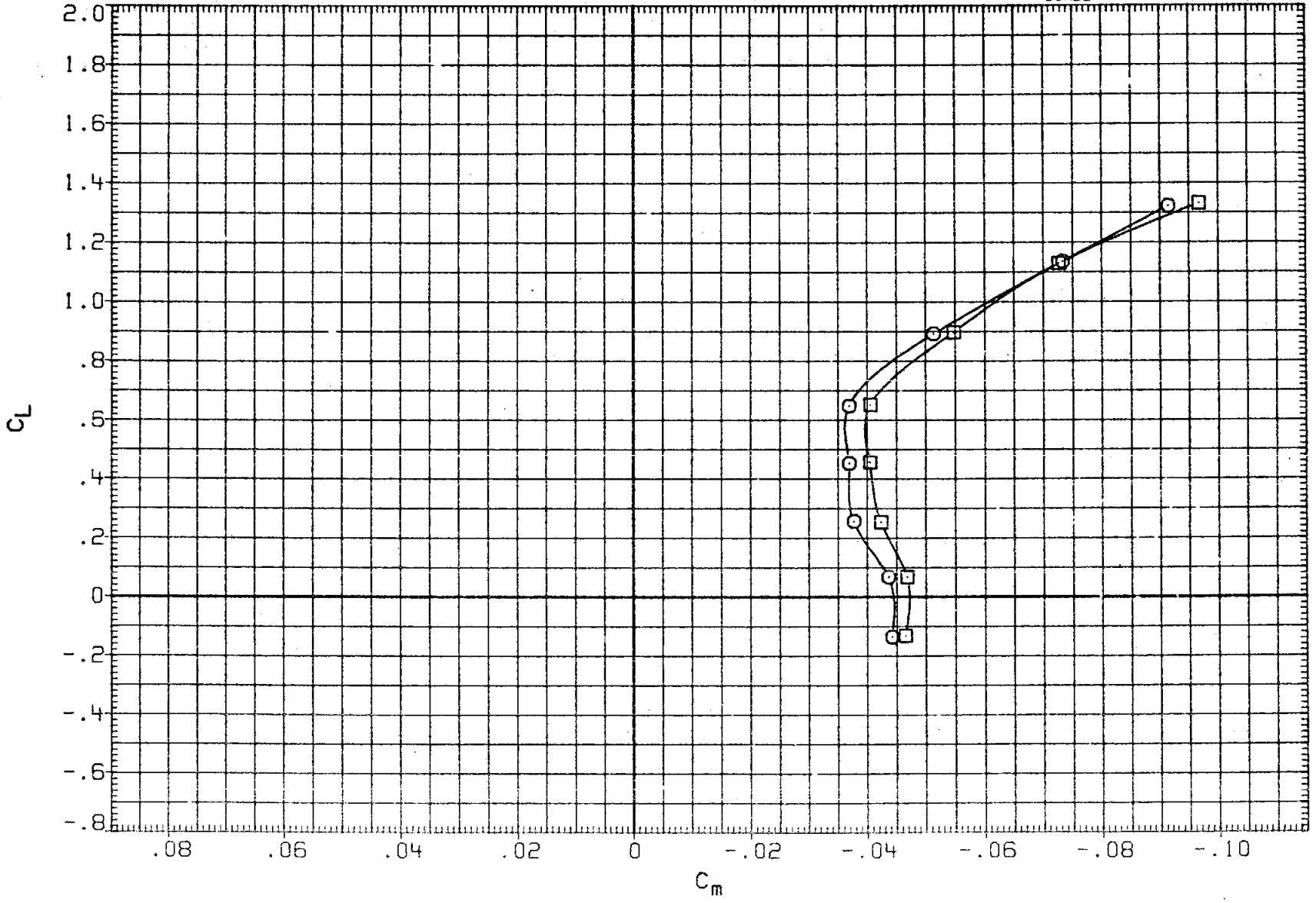

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

REFERENCE INFORMATION

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SCALE	.0405	SCALE

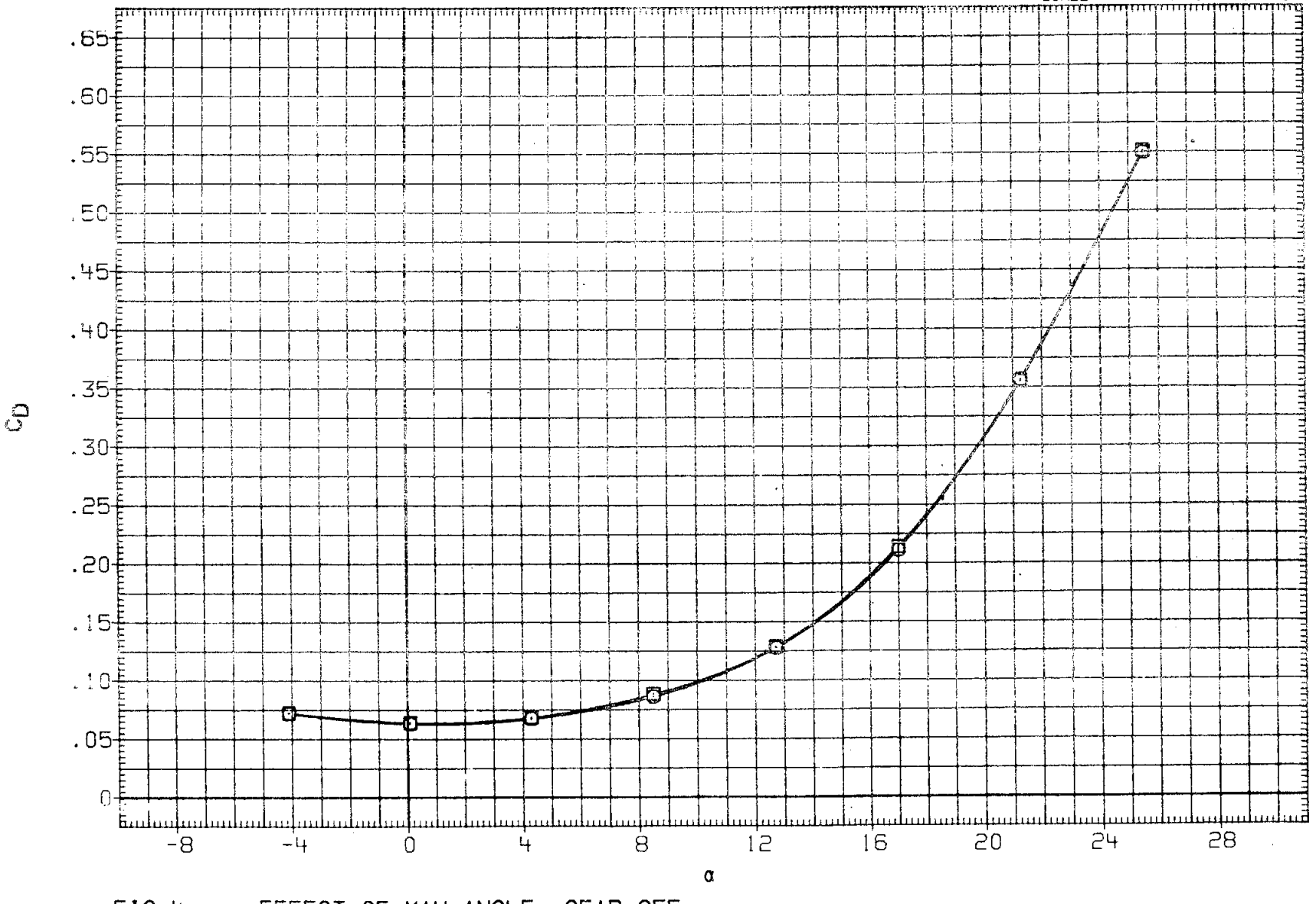

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
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BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

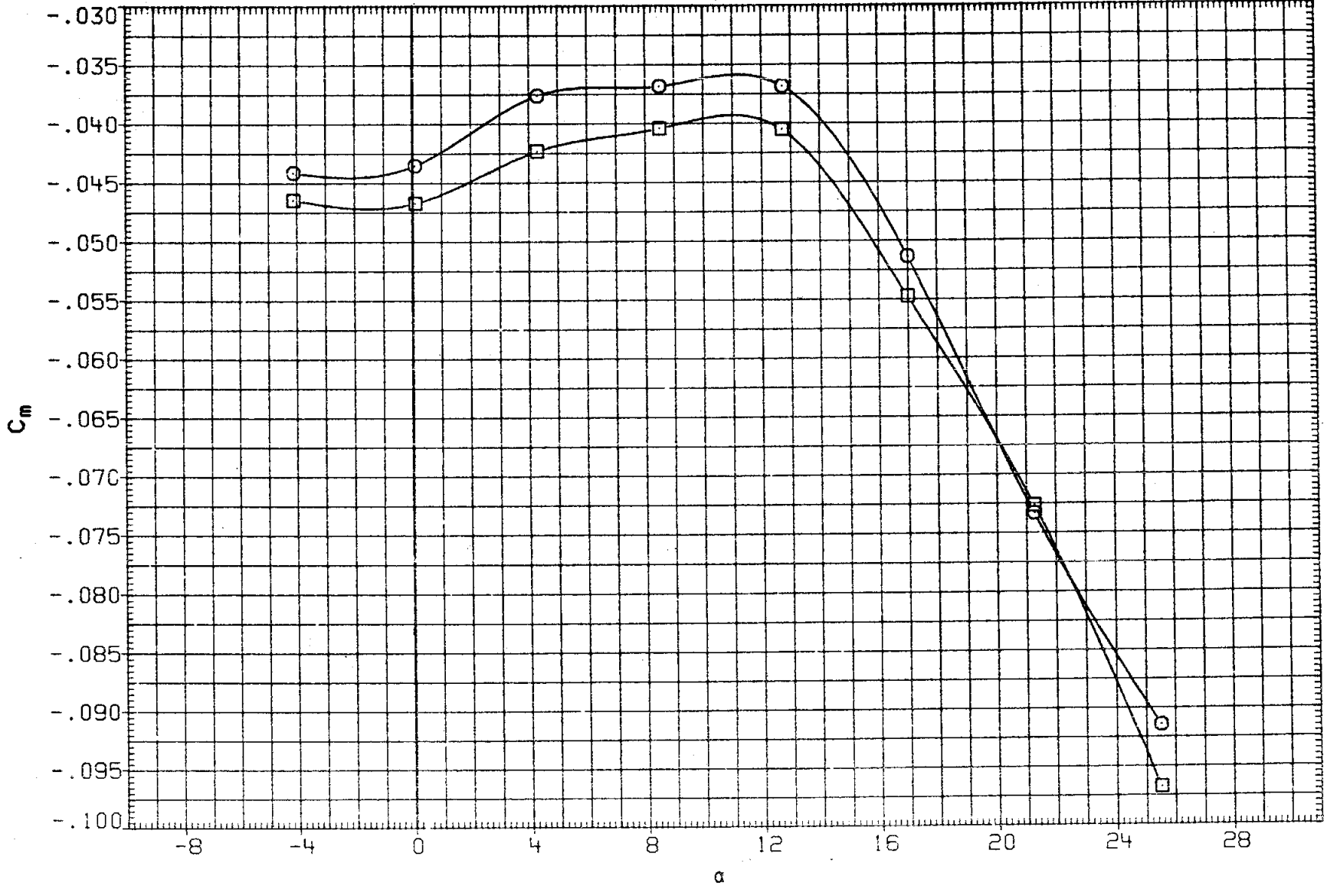

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BODY	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
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BREF	936.6800	INCHES
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ZMRP	375.0000	IN. ZO
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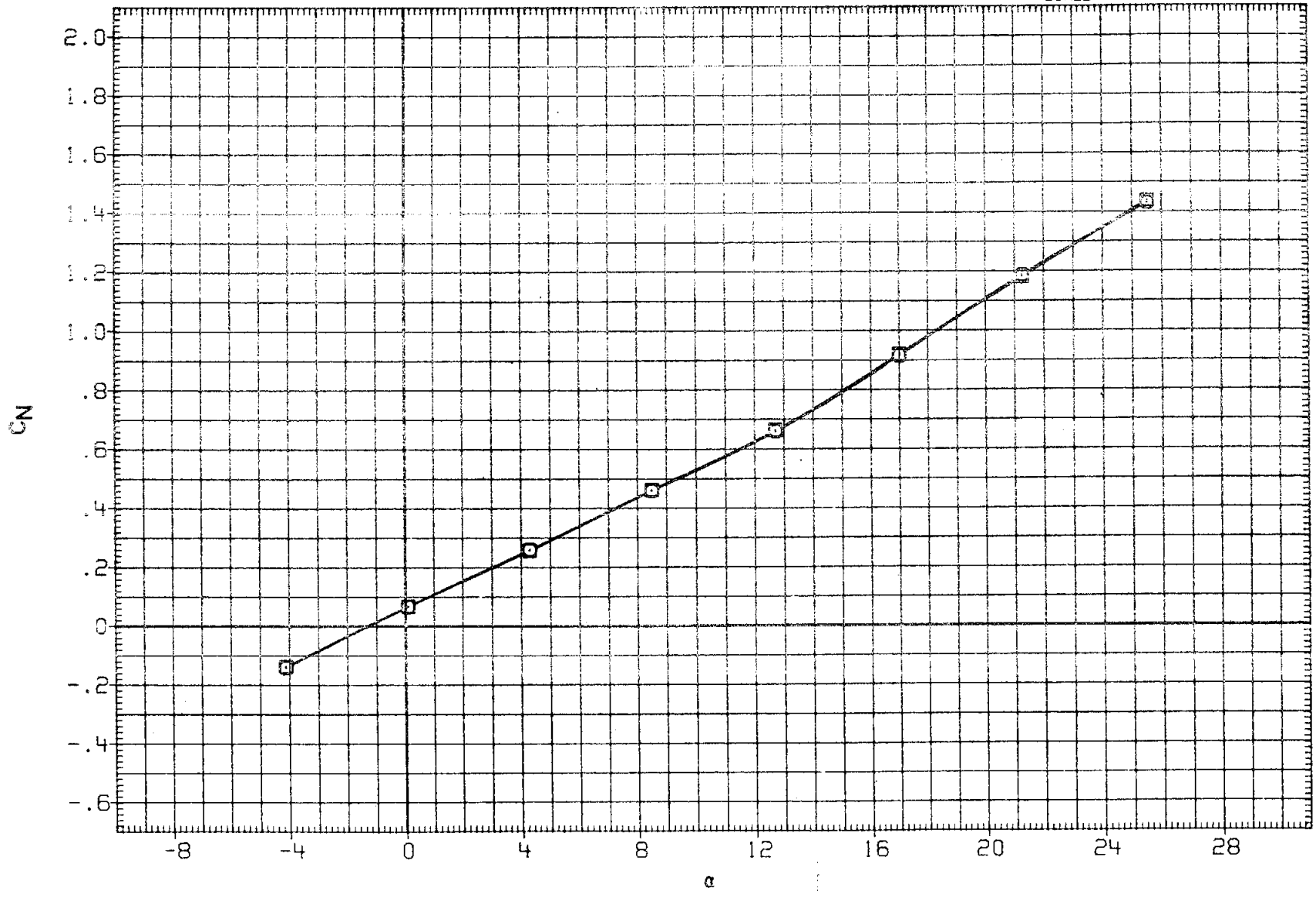

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

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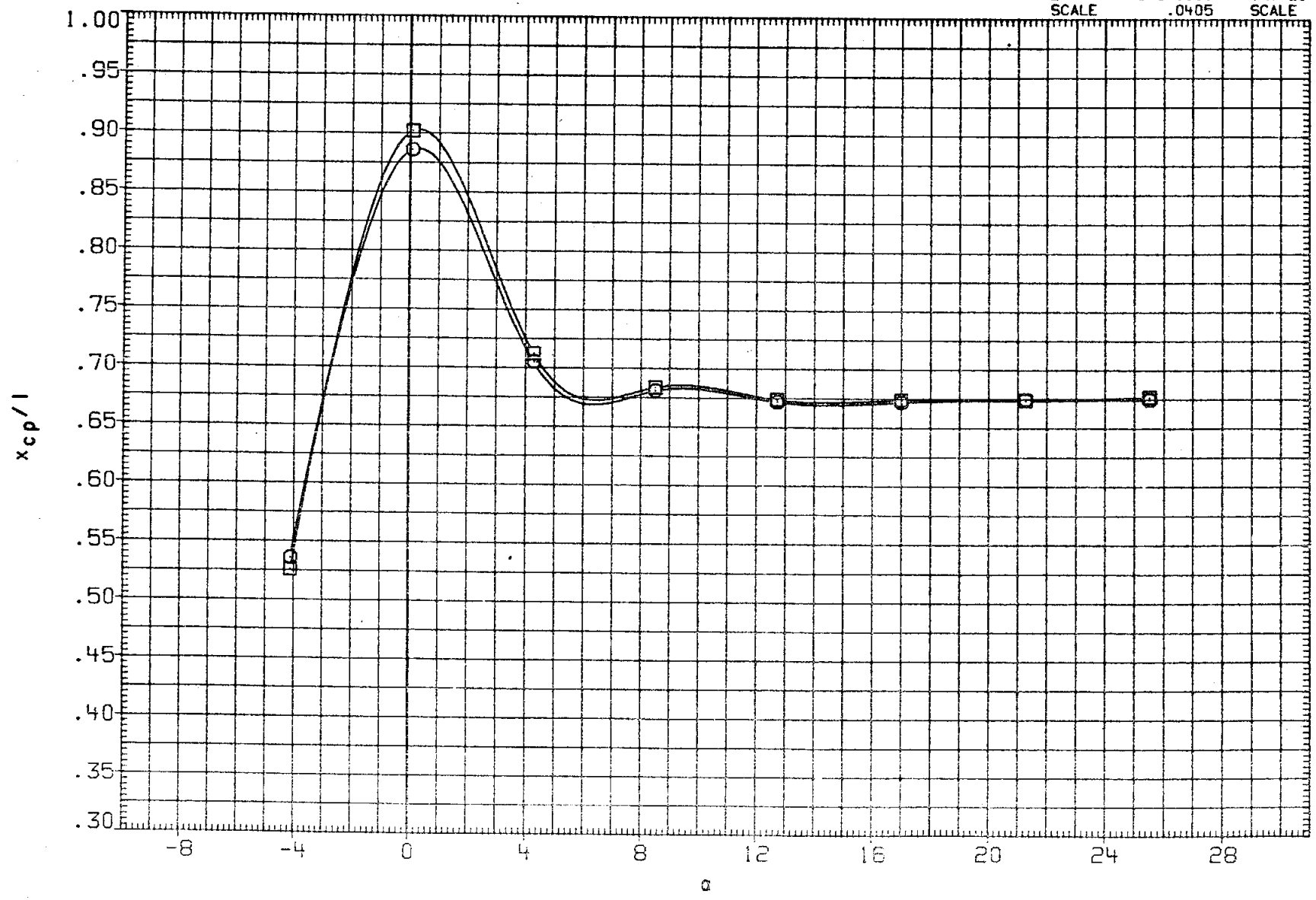

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	2.000

REFERENCE INFORMATION

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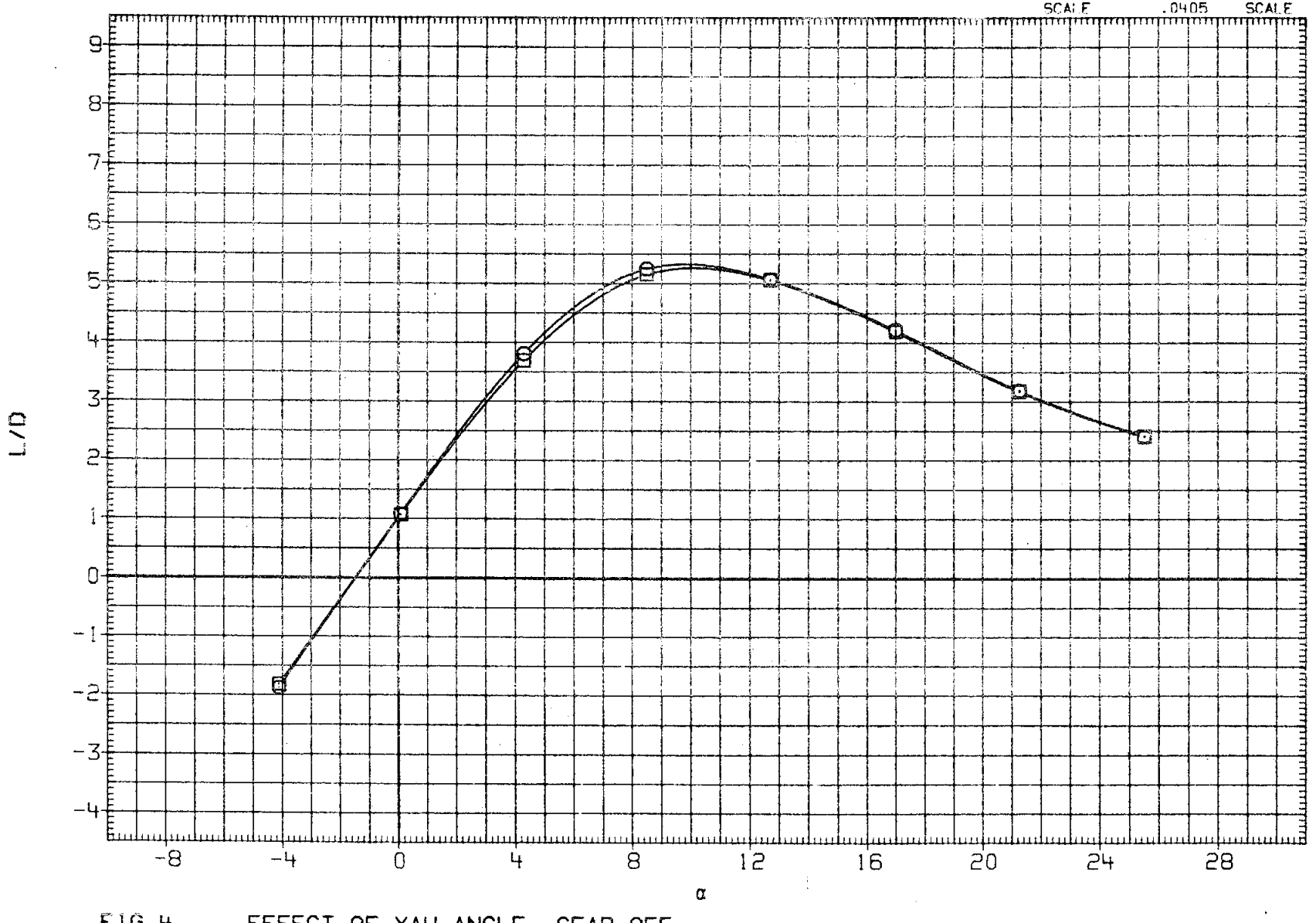

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

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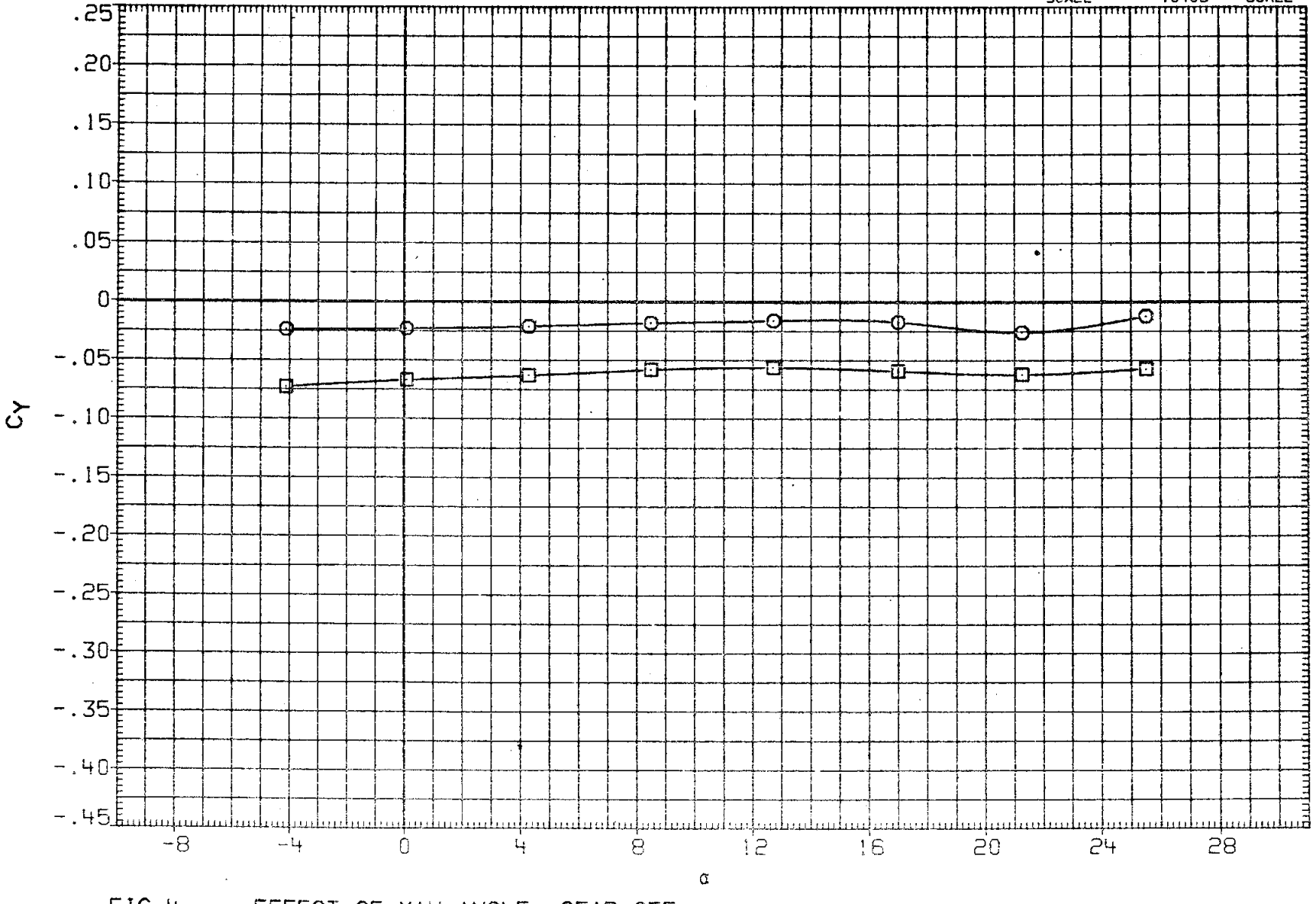

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N26W116E43F8V8R5TC1SX3	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N26W116E43F8V8R5TC19X3	-11.700	2.000

REFERENCE INFORMATION		
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ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

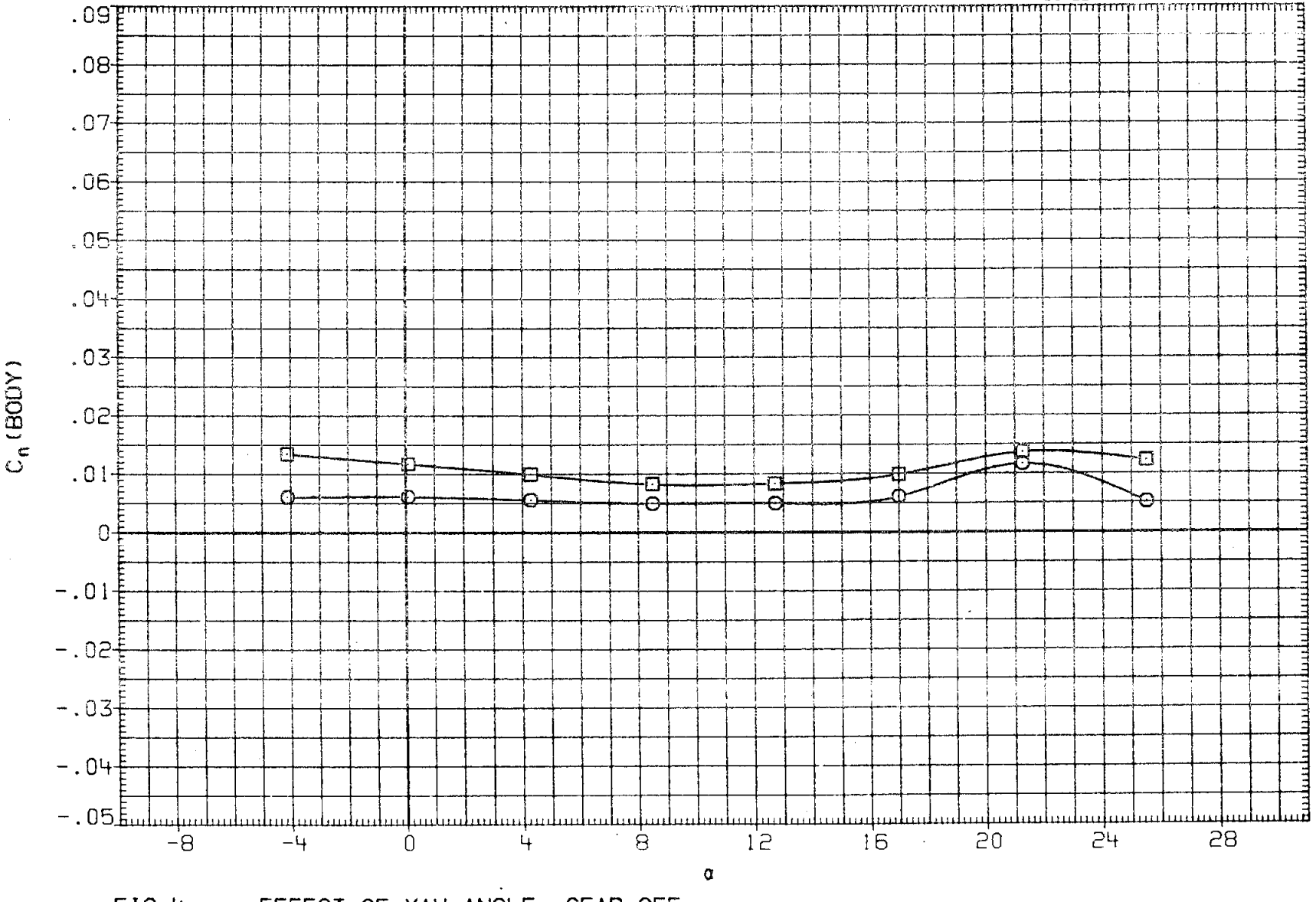

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ002	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	2.000

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ZMRP	375.0000	IN. ZO
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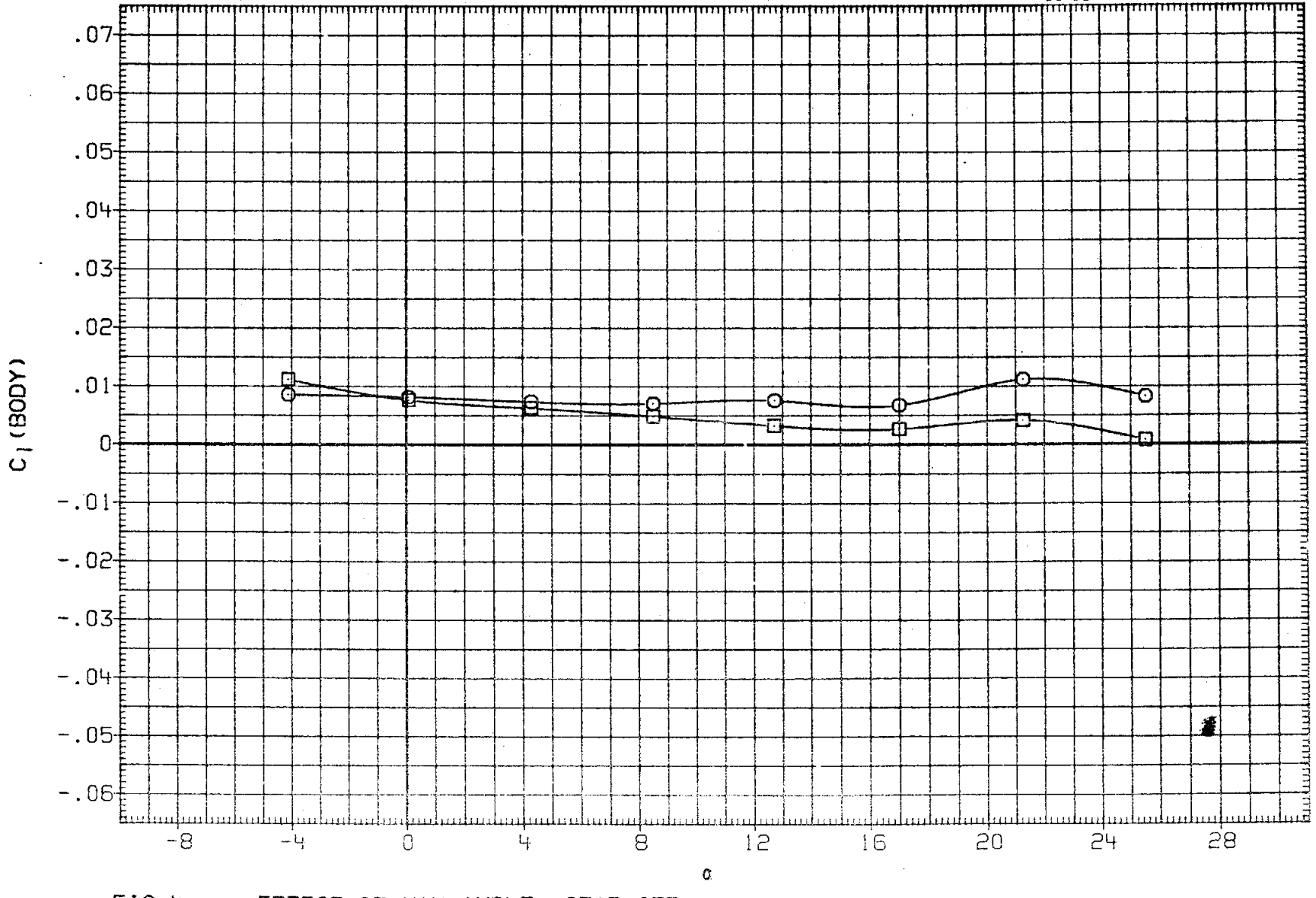

FIG 4 EFFECT OF YAW ANGLE, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ004	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000
RFJ005	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000
RFJ006	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	15.000
RFJ007	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	20.000

REFERENCE INFORMATION		
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

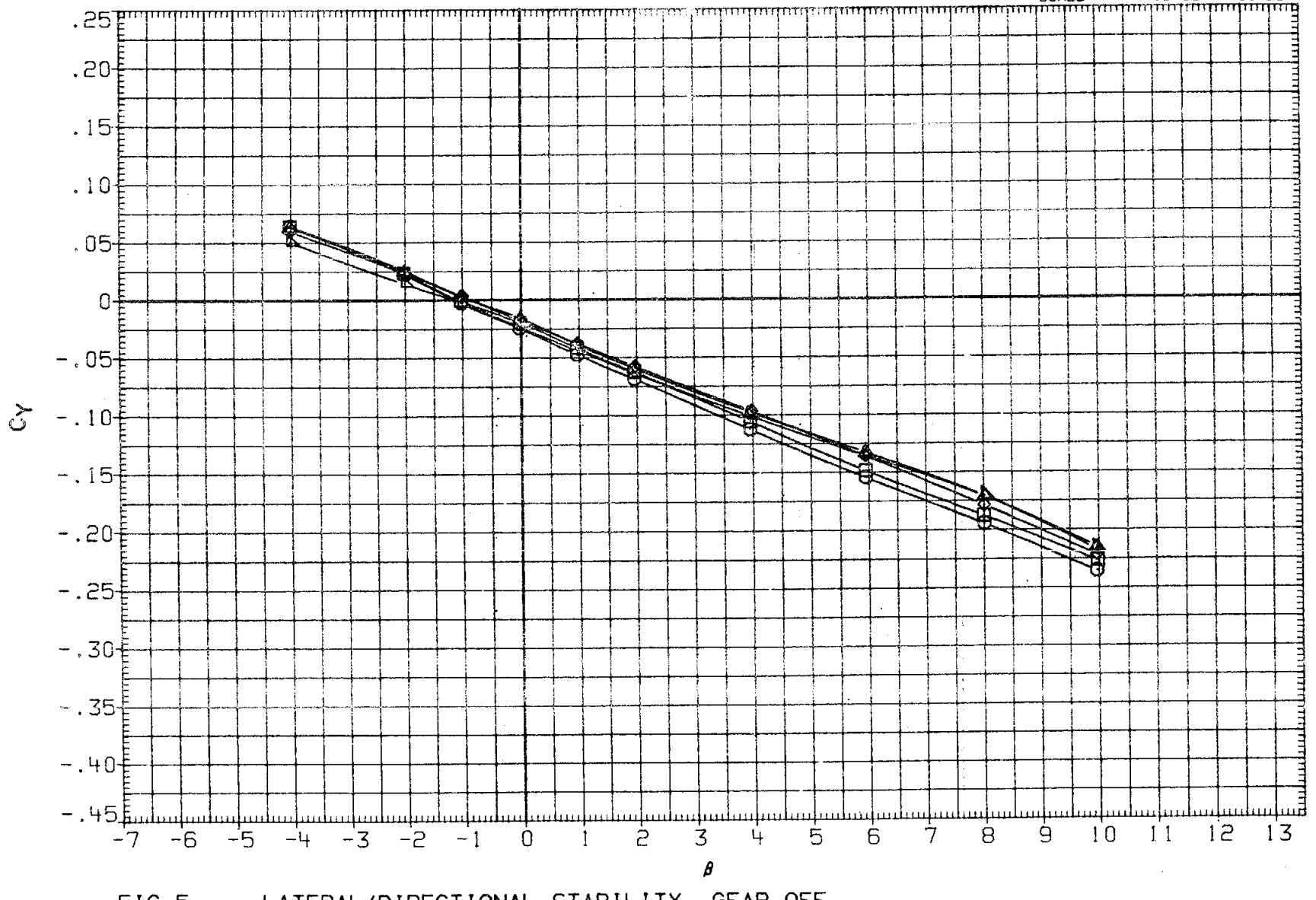

FIG 5 LATERAL/DIRECTIONAL STABILITY, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ004	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000
RFJ005	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	10.000
RFJ006	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	15.000
RFJ007	◺	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	20.000

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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

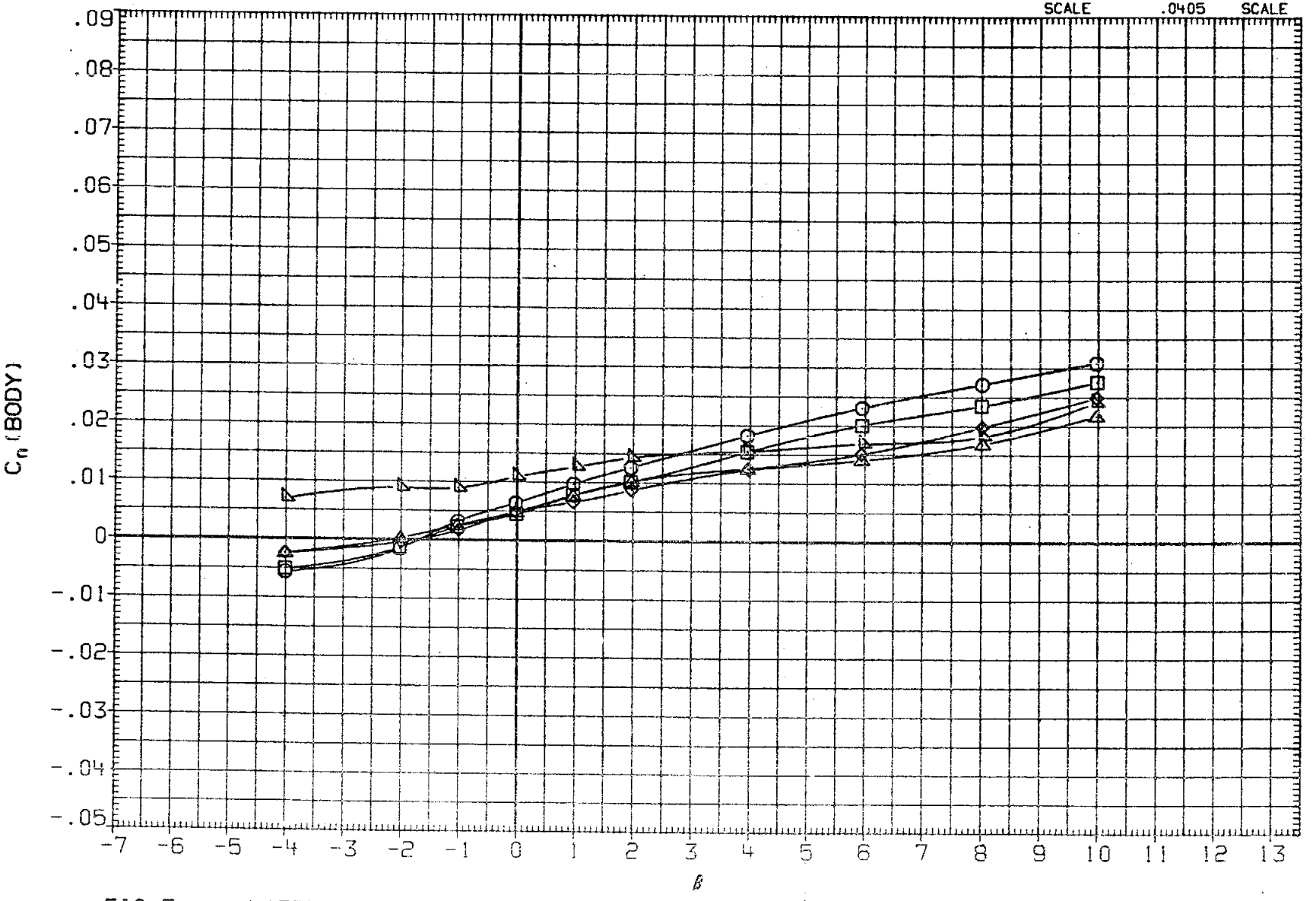

FIG 5 LATERAL/DIRECTIONAL STABILITY, GEAR OFF

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BETA	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ004	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000
RFJ005	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	10.000
RFJ006	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	15.000
RFJ007	◸	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	20.000

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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

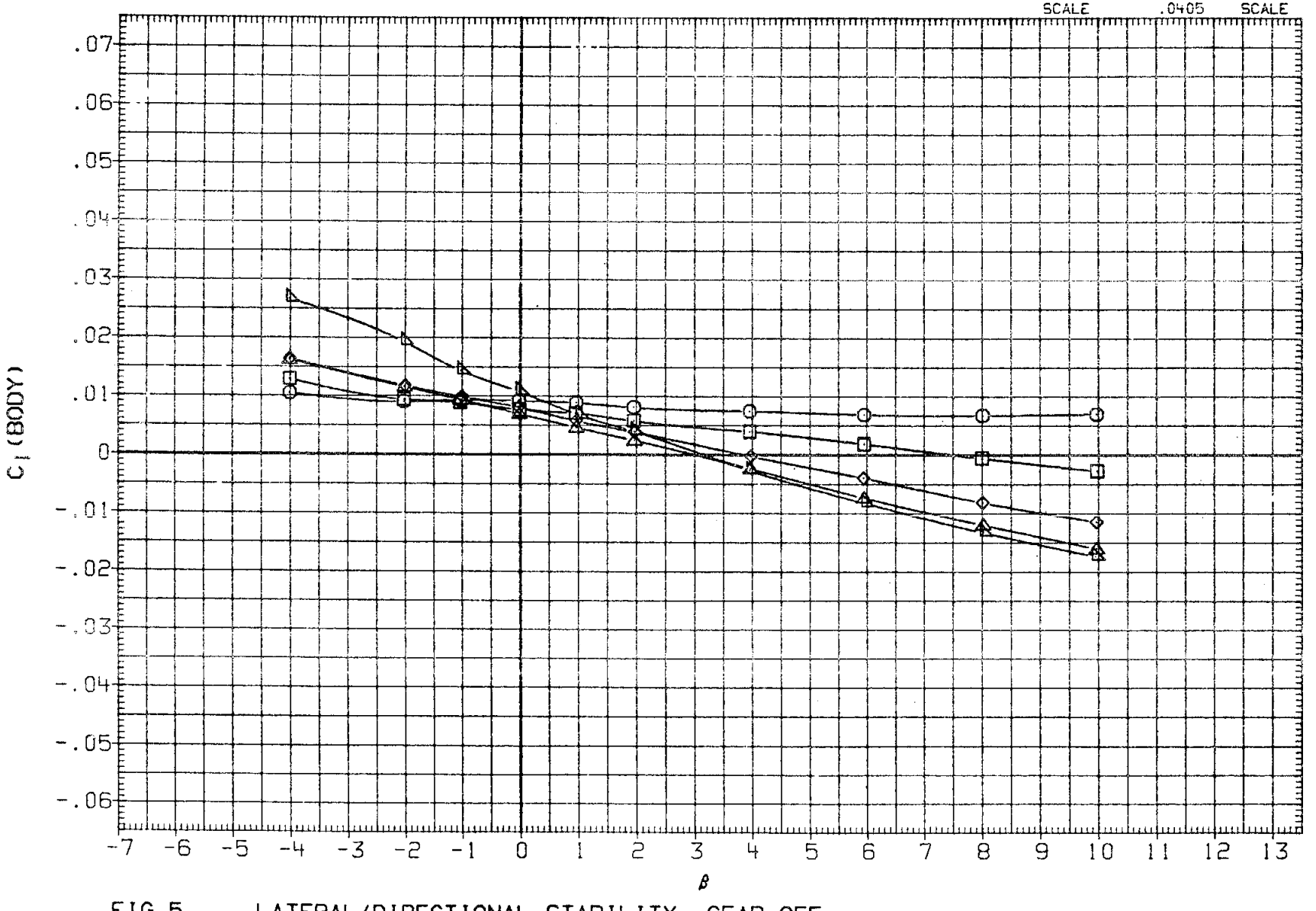

FIG 5 LATERAL/DIRECTIONAL STABILITY, GEAR OFF

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	ALPHA
RFJ003	○	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ008	□	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	.000
RFJ011	◇	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9	16.300	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
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BREF	936.6800	INCHES
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YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

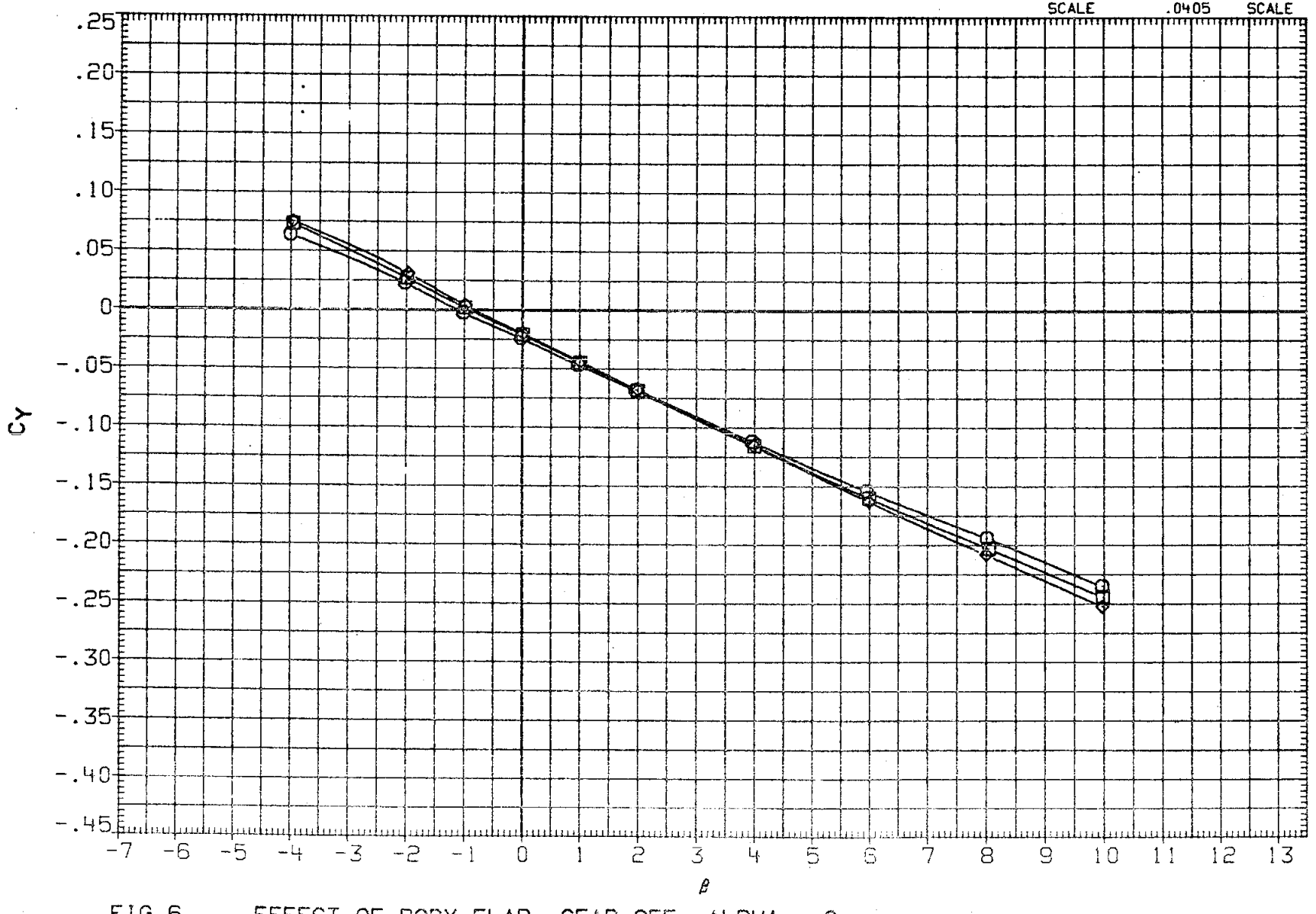

FIG 6 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ008	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	.000
RFJ011	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

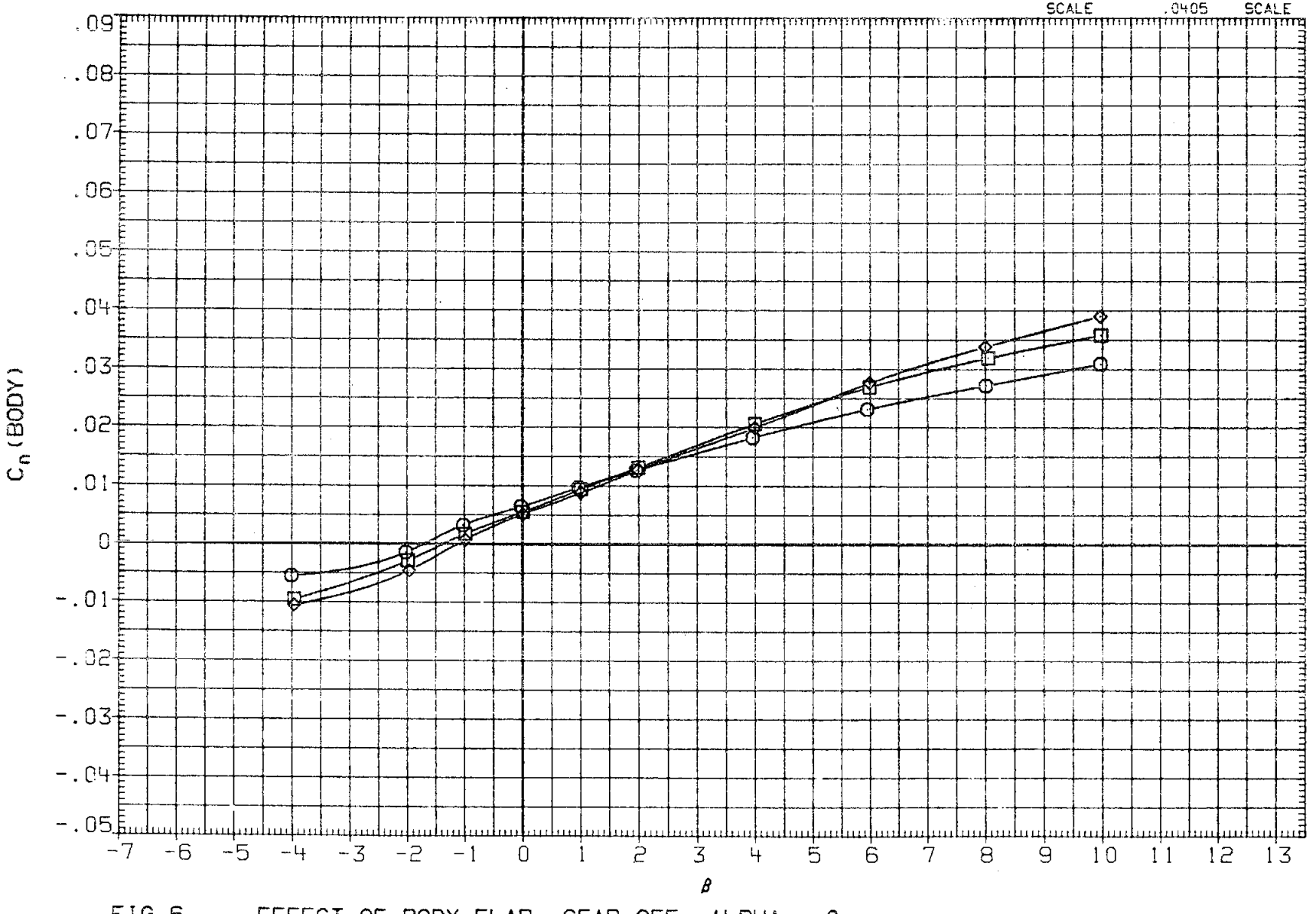

FIG 6 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000
RFJ008	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	.000
RFJ011	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

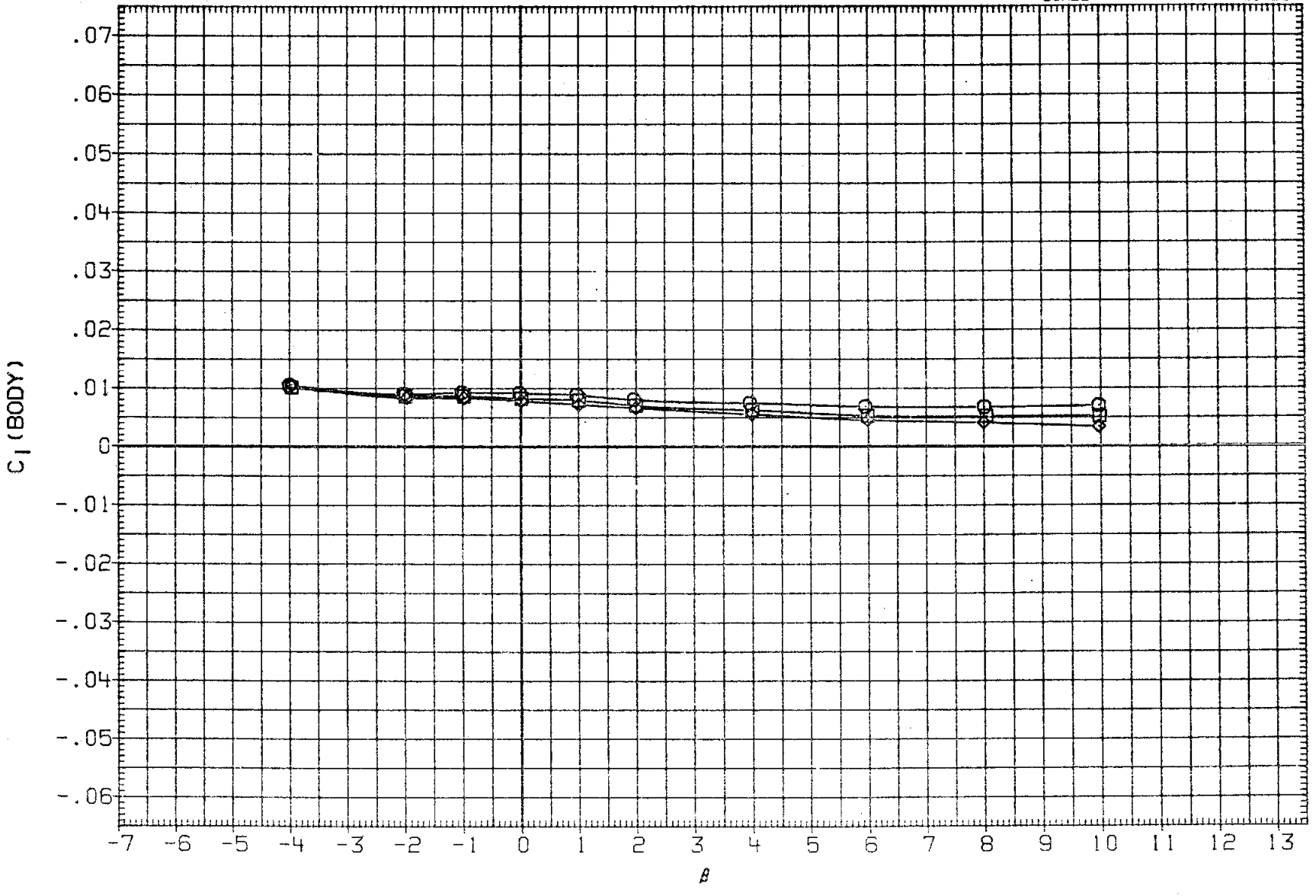

FIG 6 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ005	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	10.000
RFJ009	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19XS	.000	10.000
RFJ012	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19XS	16.300	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

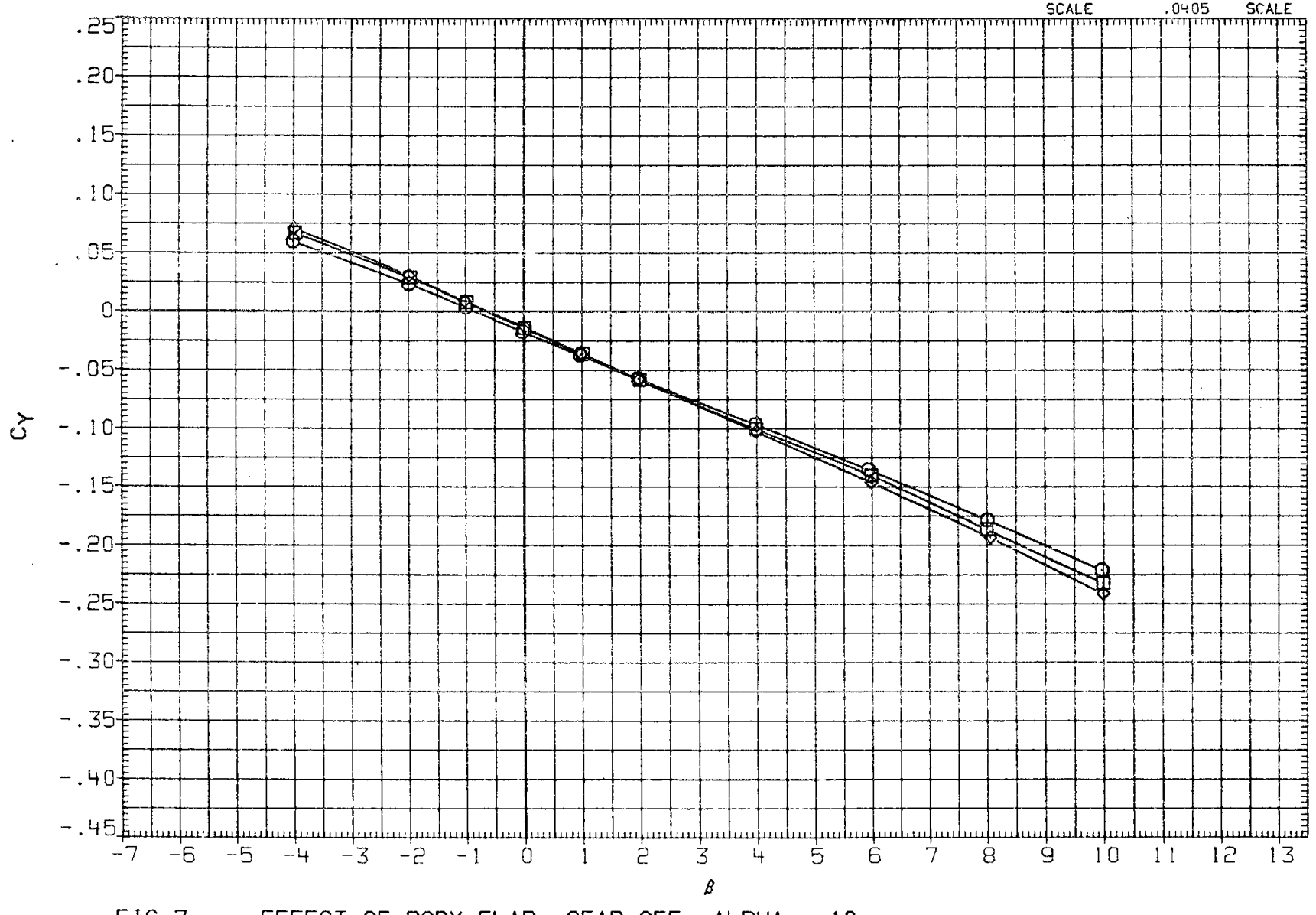

FIG 7 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ005	○	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	10.000
RFJ009	□	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	.000	10.000
RFJ012	◇	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	16.300	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

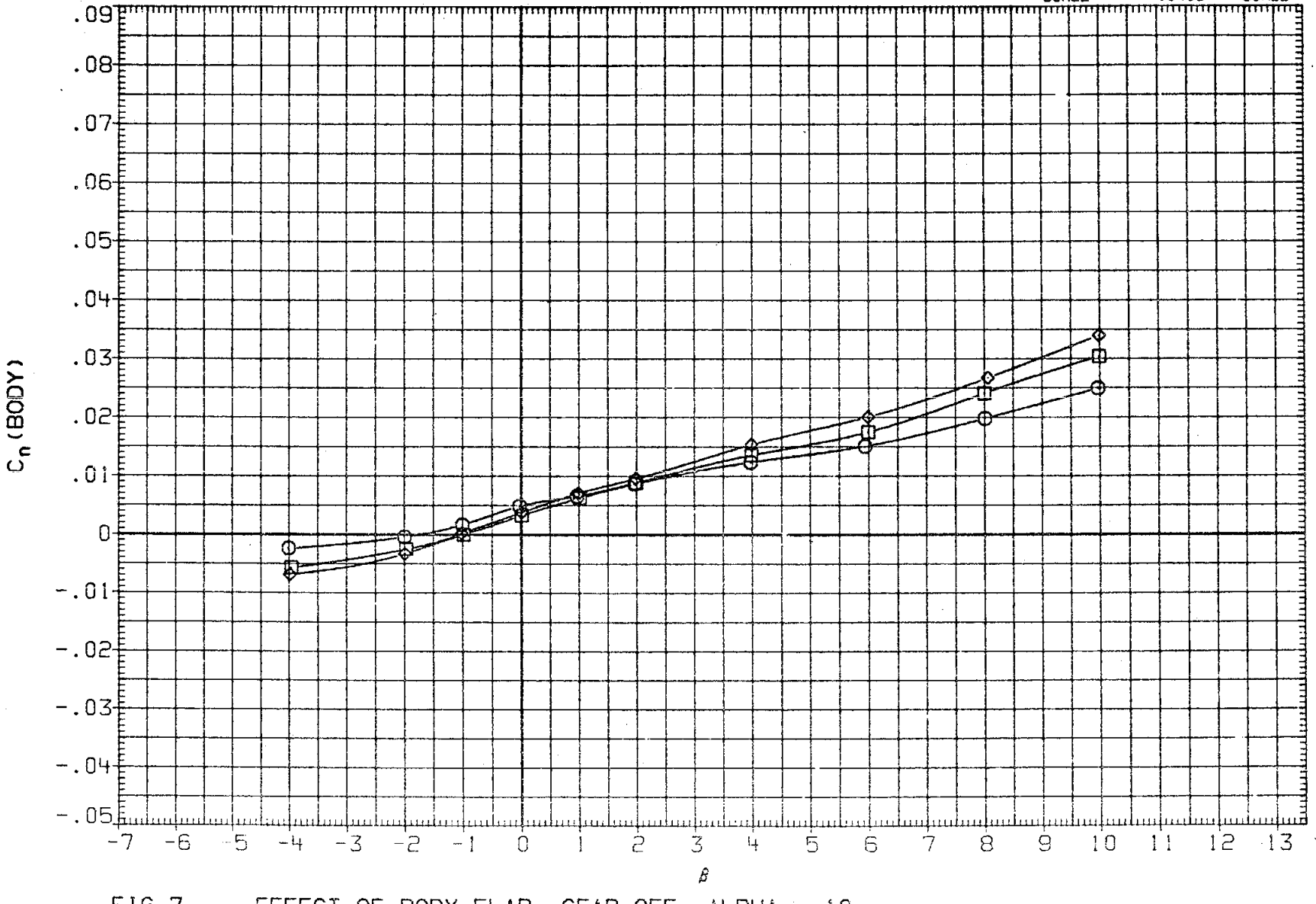

FIG 7 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 10

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000
RFJ009	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	10.000
RFJ012	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

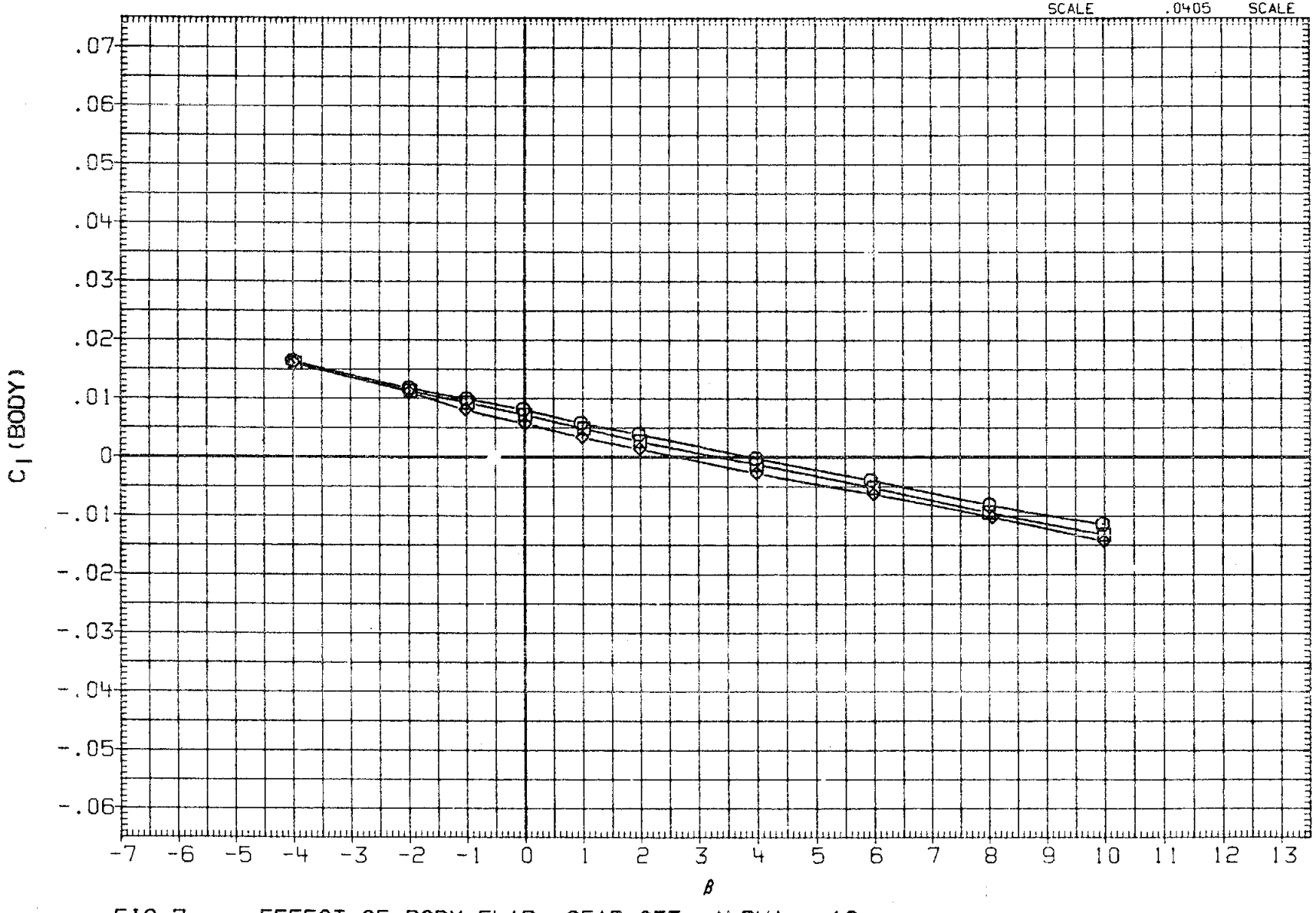

FIG 7 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	20.000
RFJ010	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	20.000
RFJ013	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

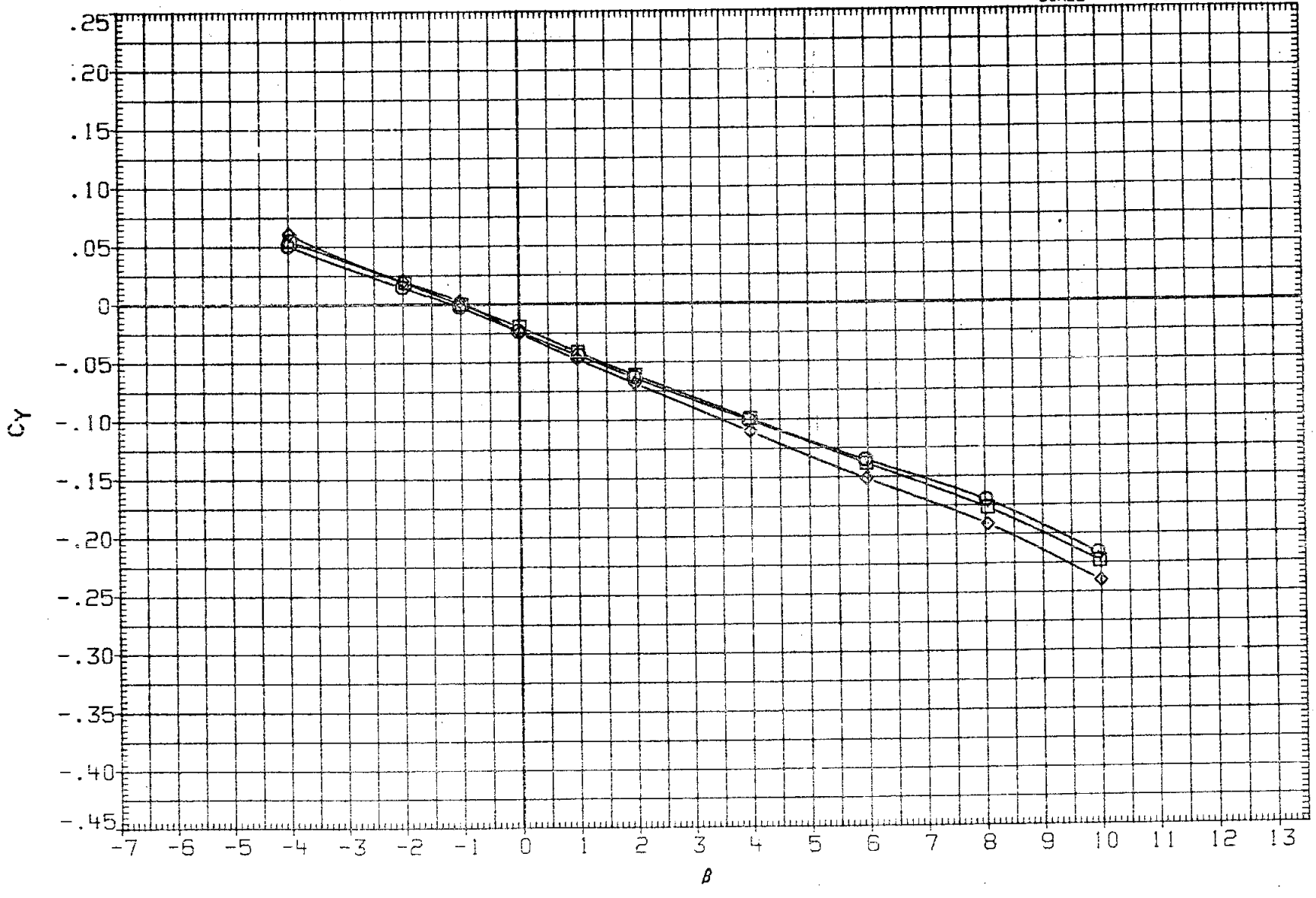

FIG 8 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	20.000
RFJ010	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	.000	20.000
RFJ013	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	16.300	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

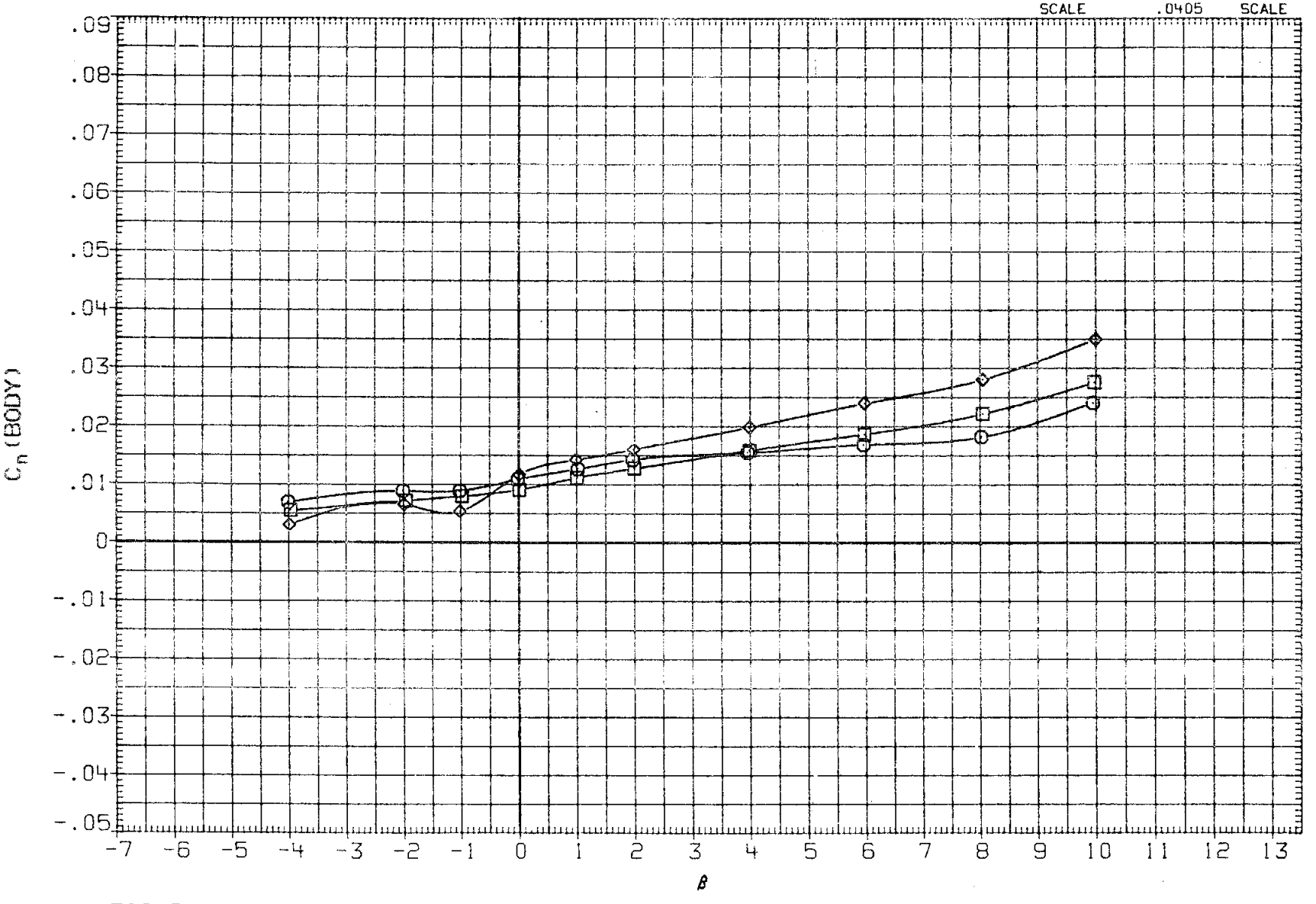

FIG 8 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ007	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	20.000
RFJ010	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	20.000
RFJ013	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	16.300	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

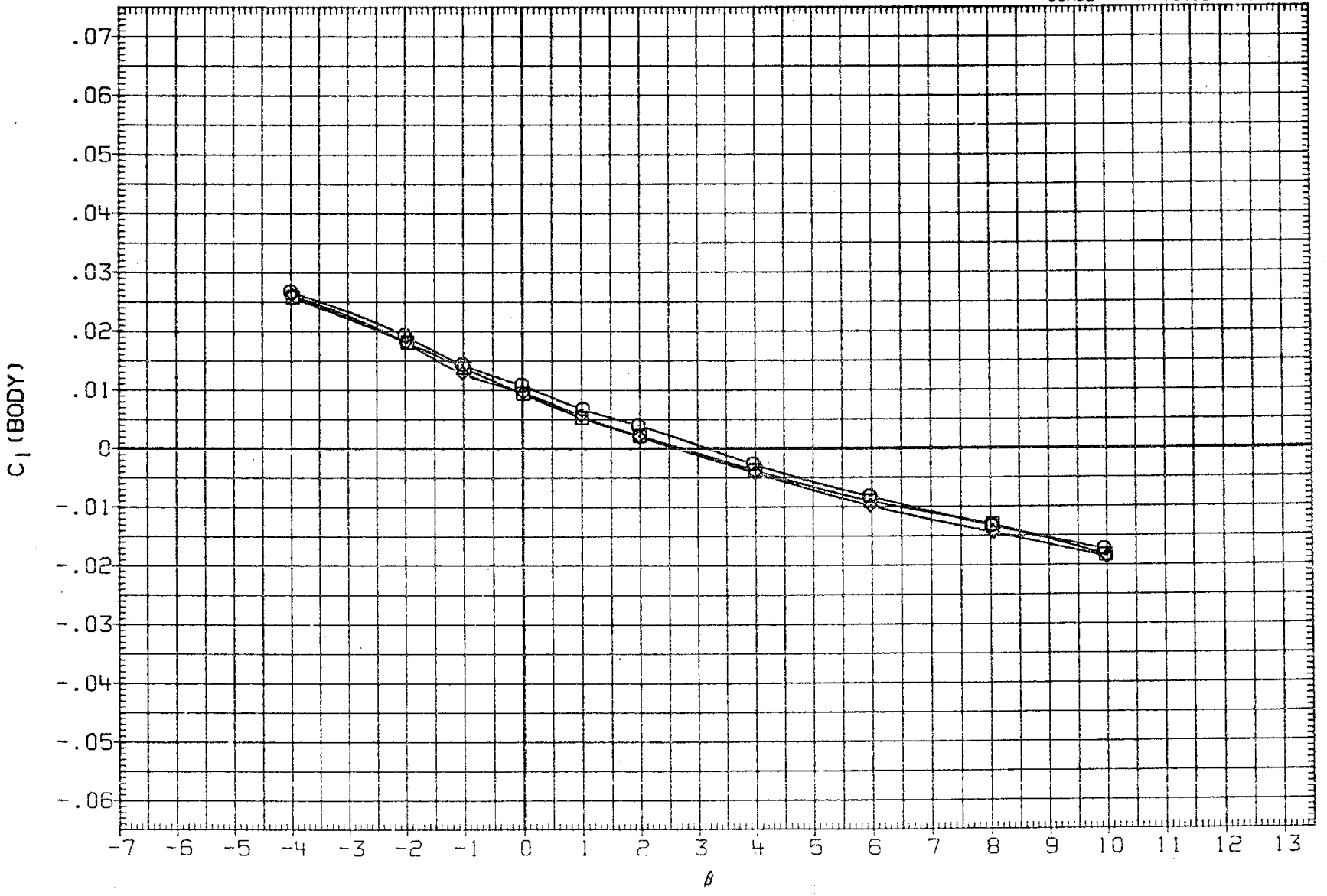

FIG 8 EFFECT OF BODY FLAP, GEAR OFF, ALPHA = 20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS315	-11.700	.000
RFJ001	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

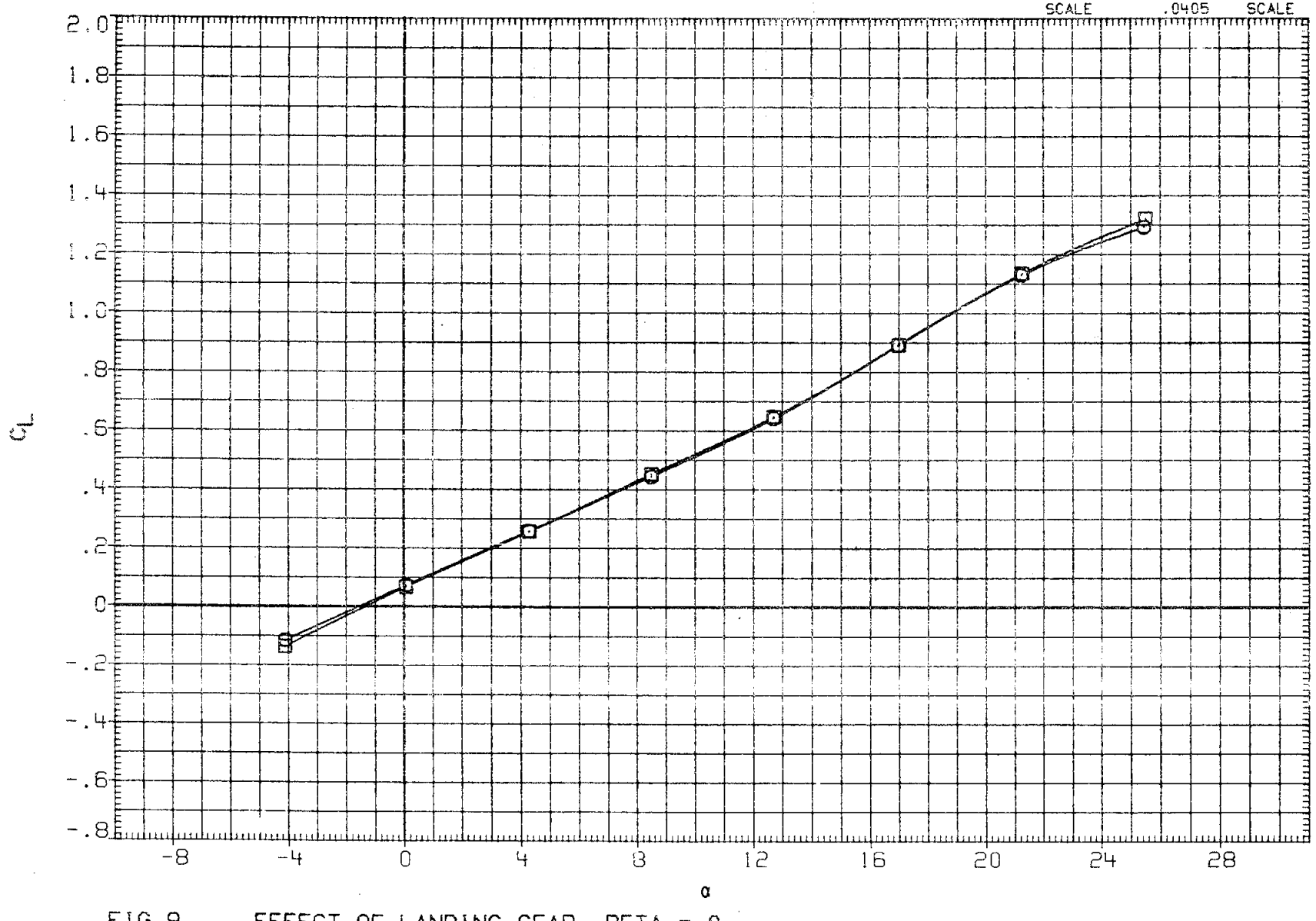

FIG 9 EFFECT OF LANDING GEAR, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ001	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

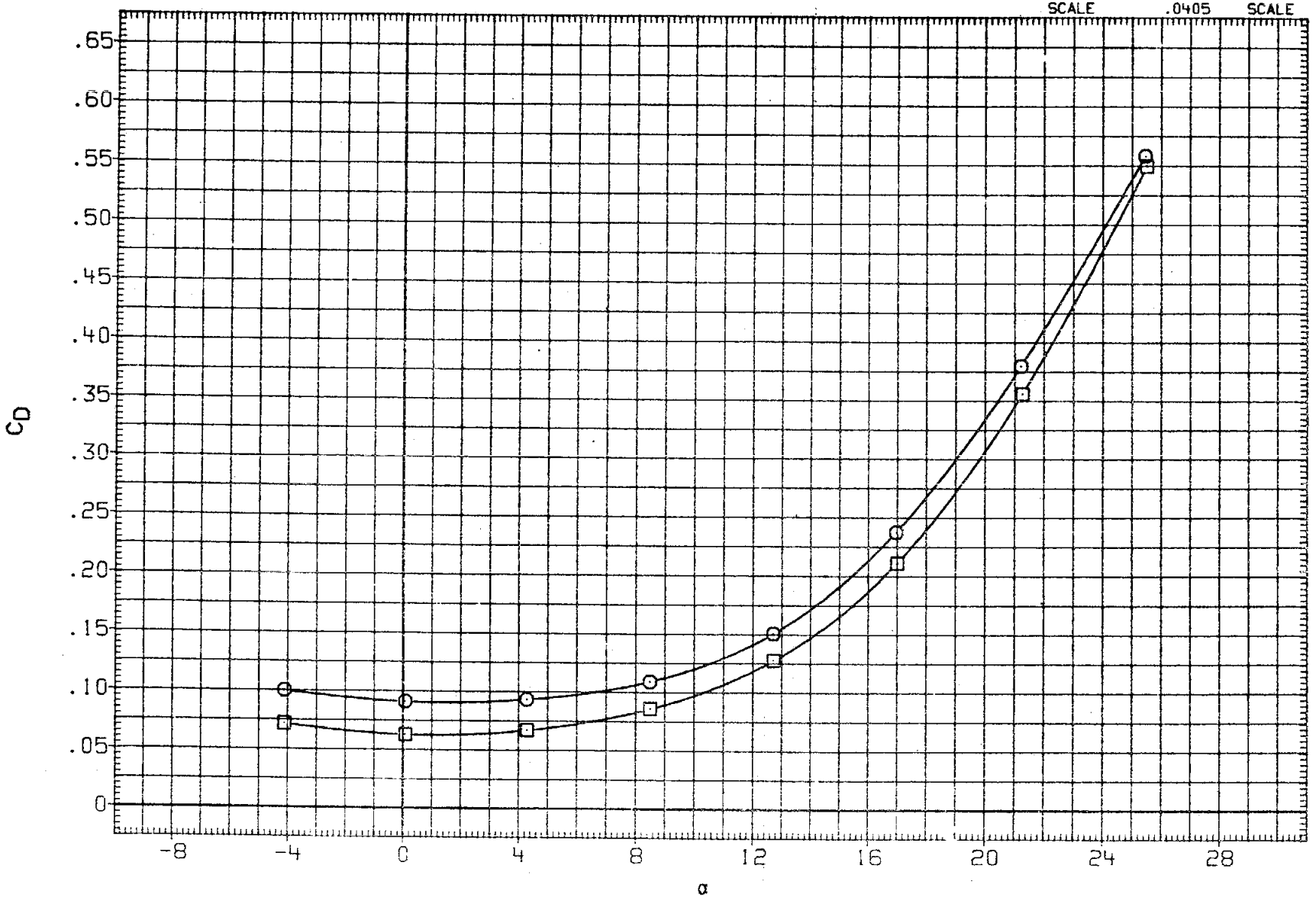

FIG 9 EFFECT OF LANDING GEAR, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	DOFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ001	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

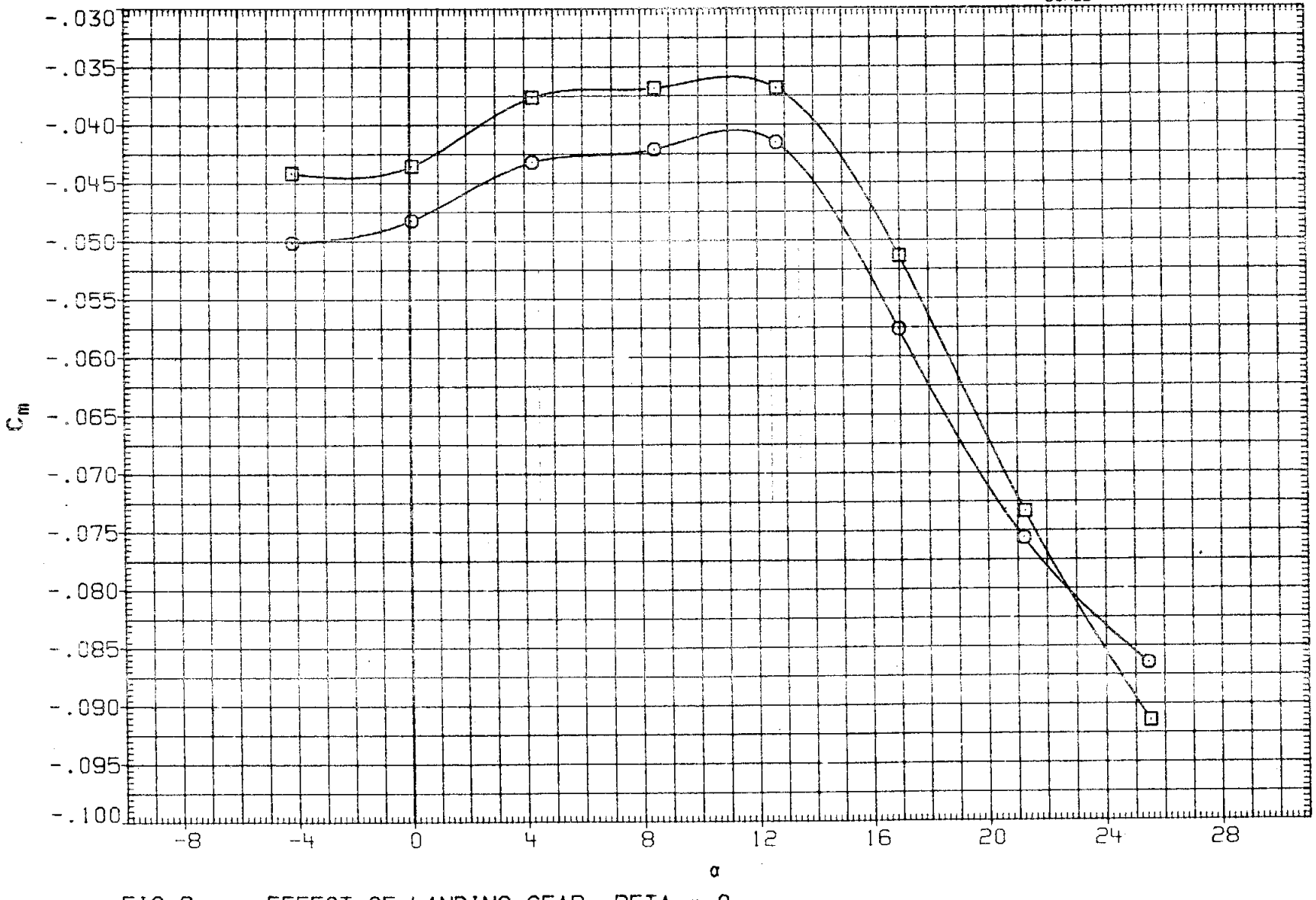

FIG 9 EFFECT OF LANDING GEAR, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ001	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

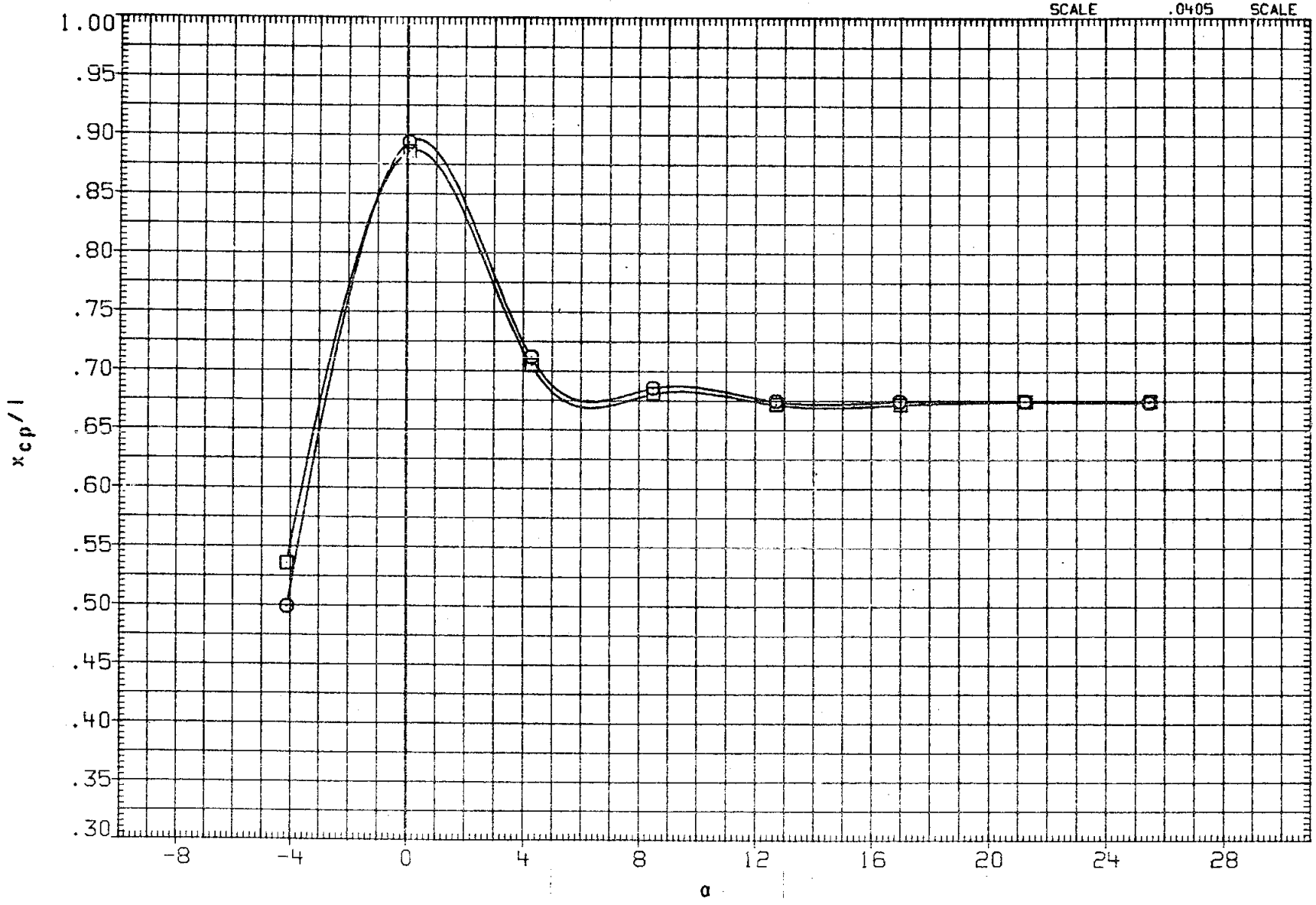

FIG 9 EFFECT OF LANDING GEAR, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	BETA
RFJ014	○	OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ001	□	OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

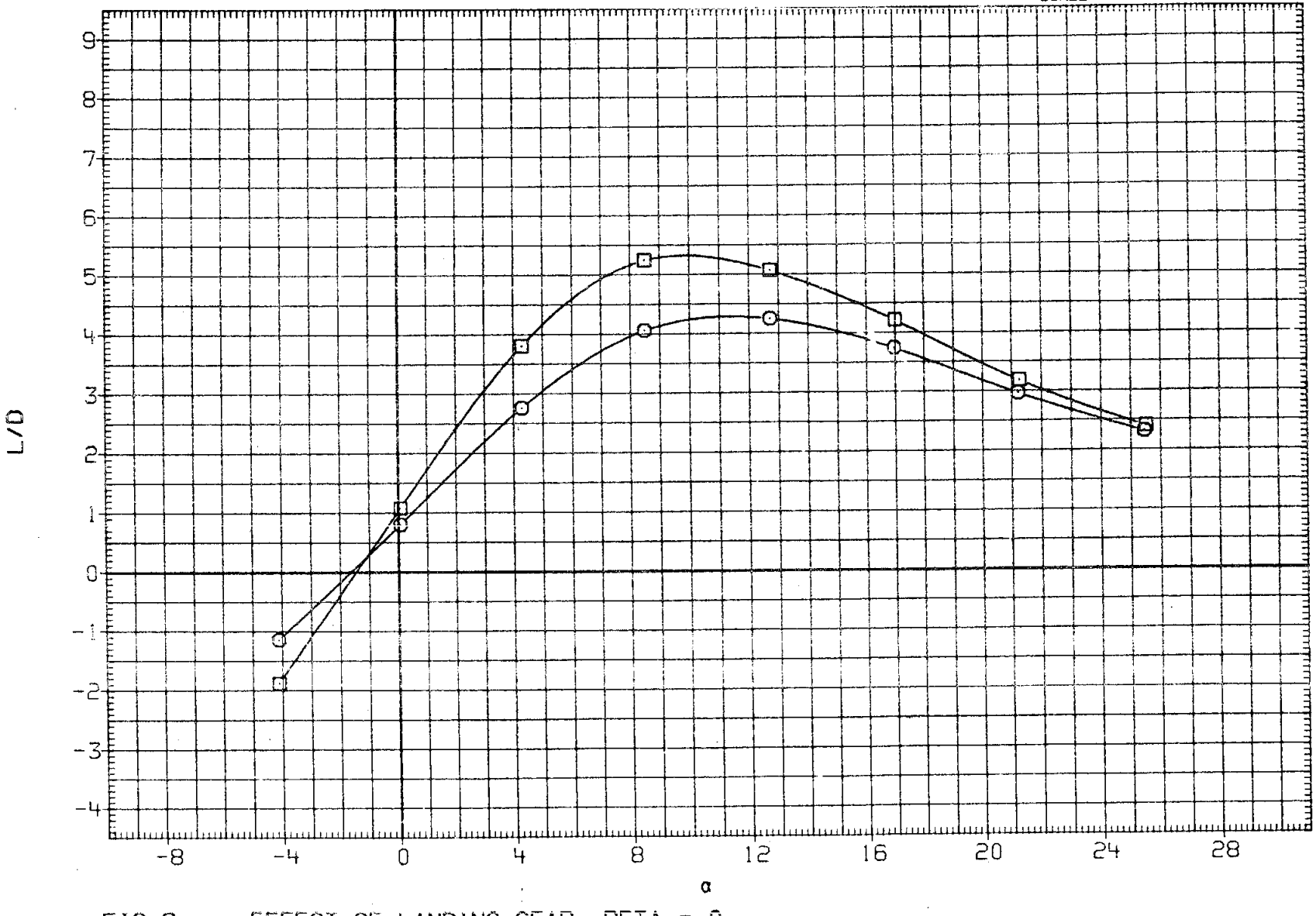

FIG 9 EFFECT OF LANDING GEAR, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PRIM16N28W11GE43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PRIM16N28W11GE43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

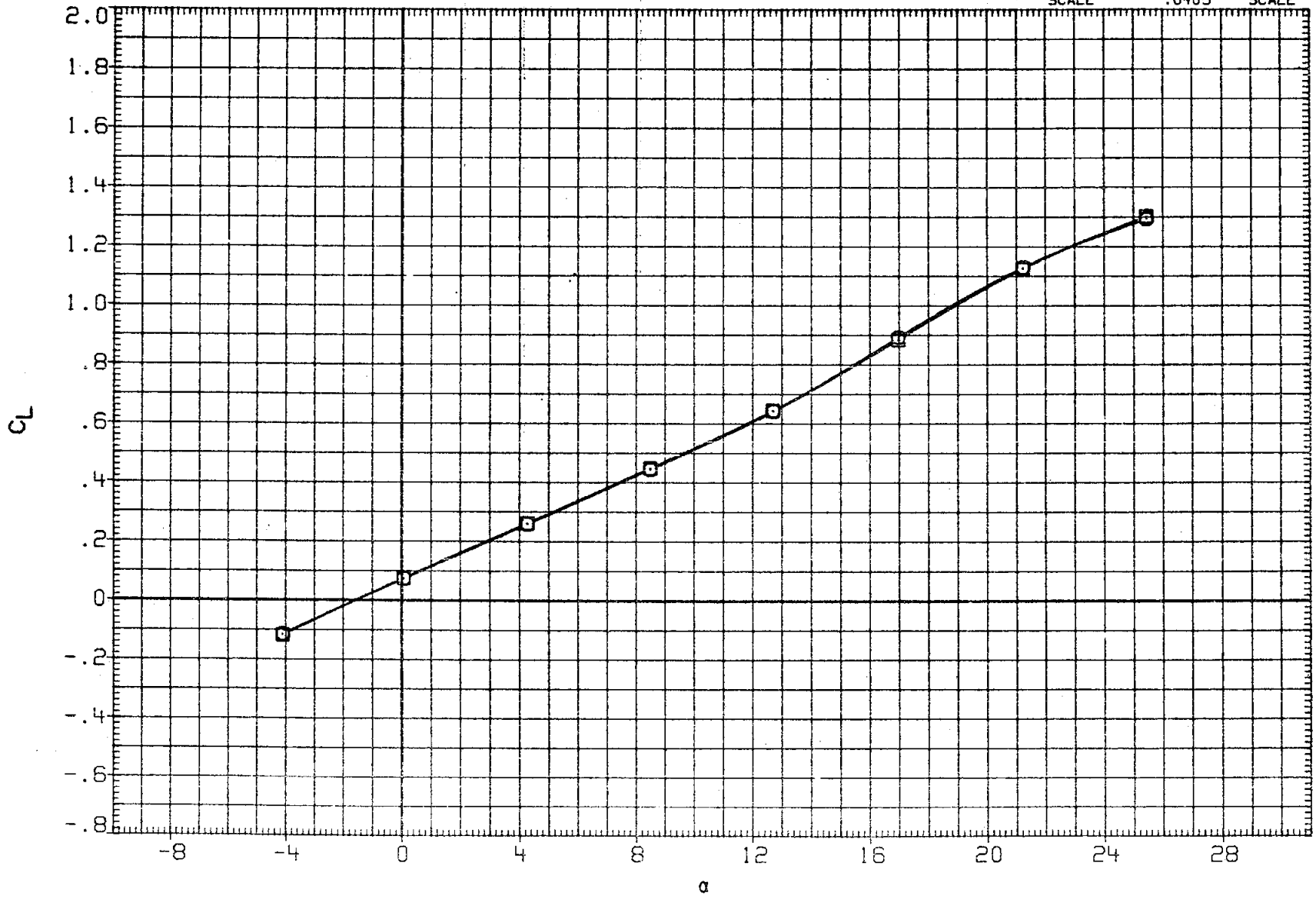

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

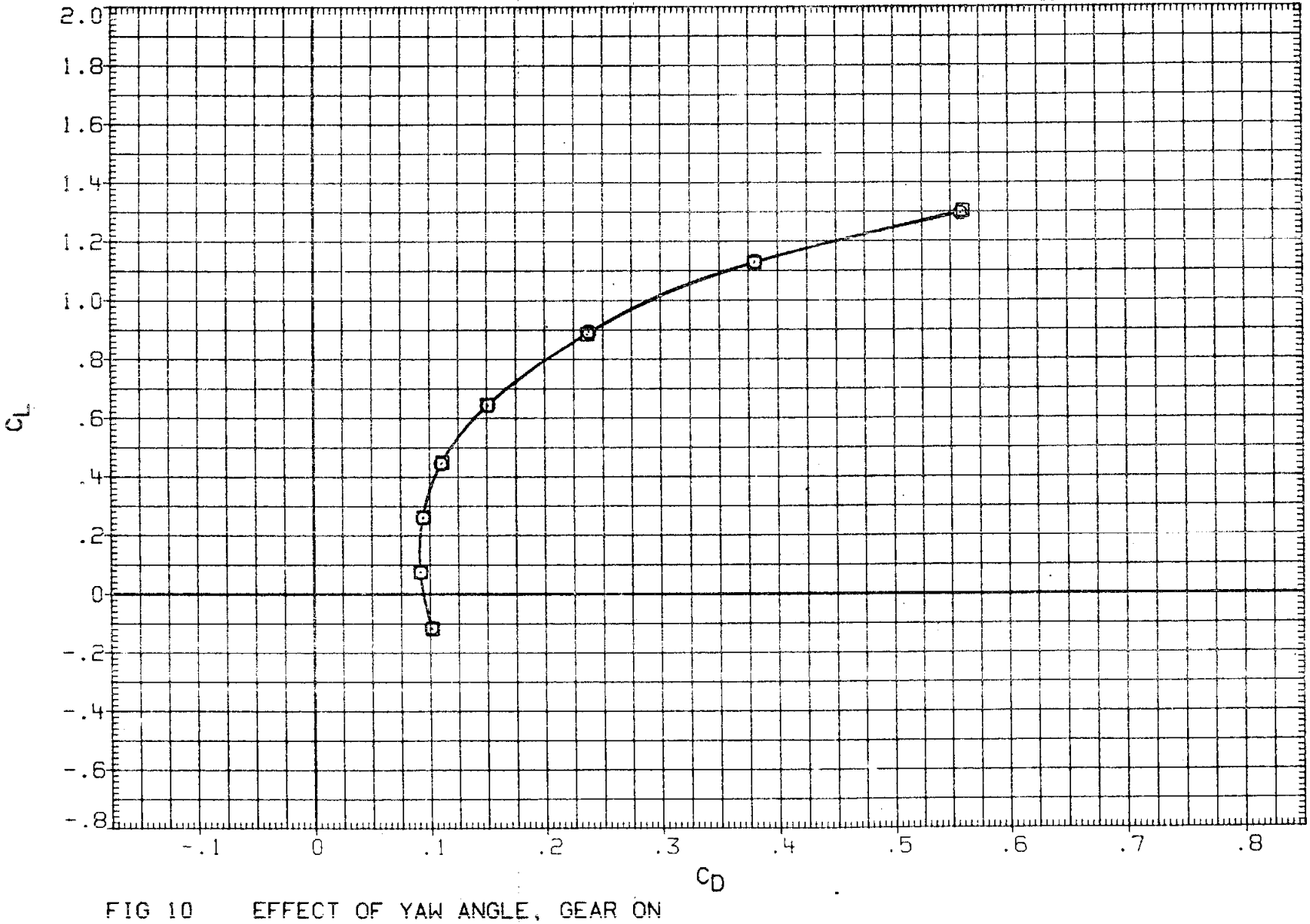

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

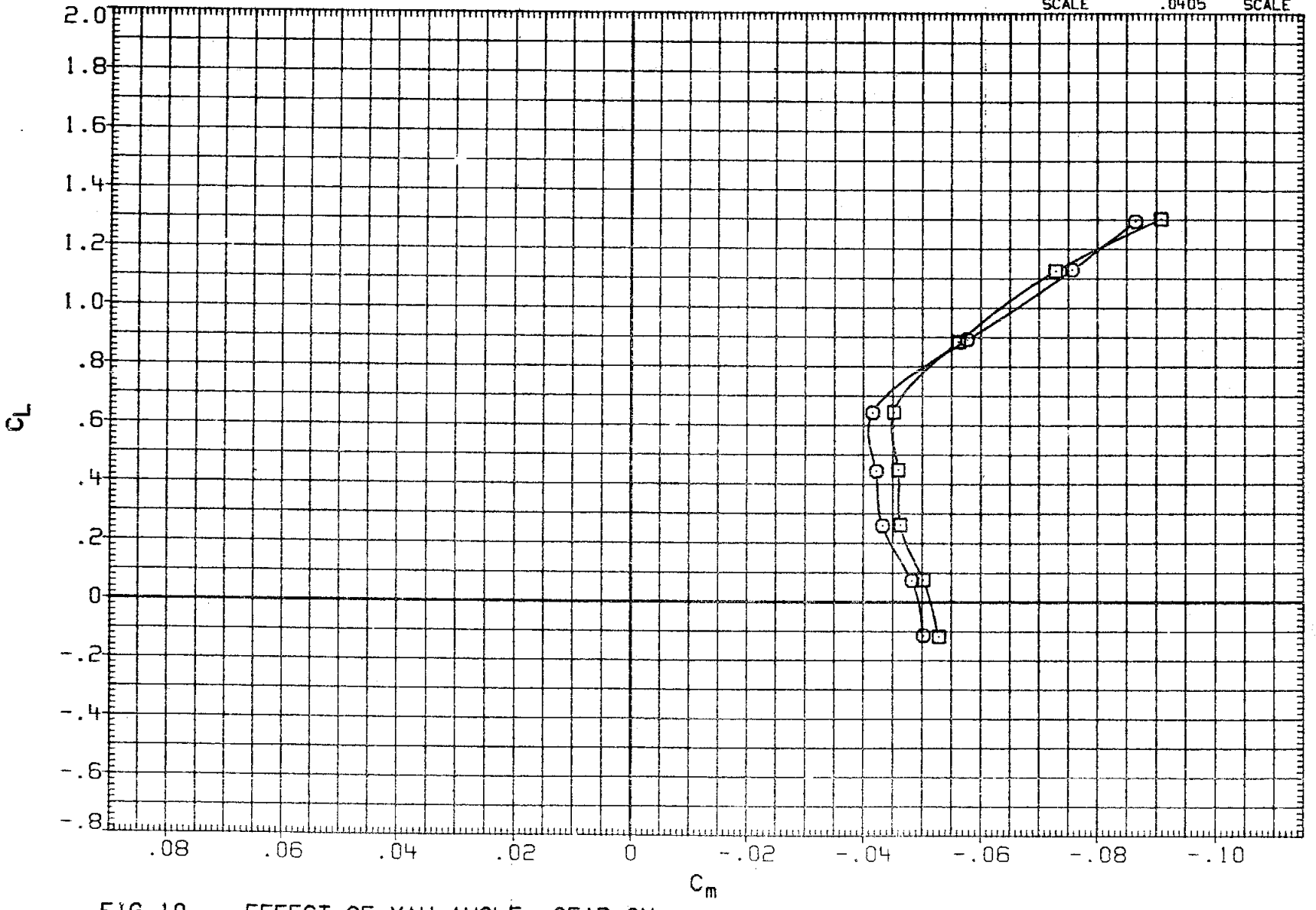

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

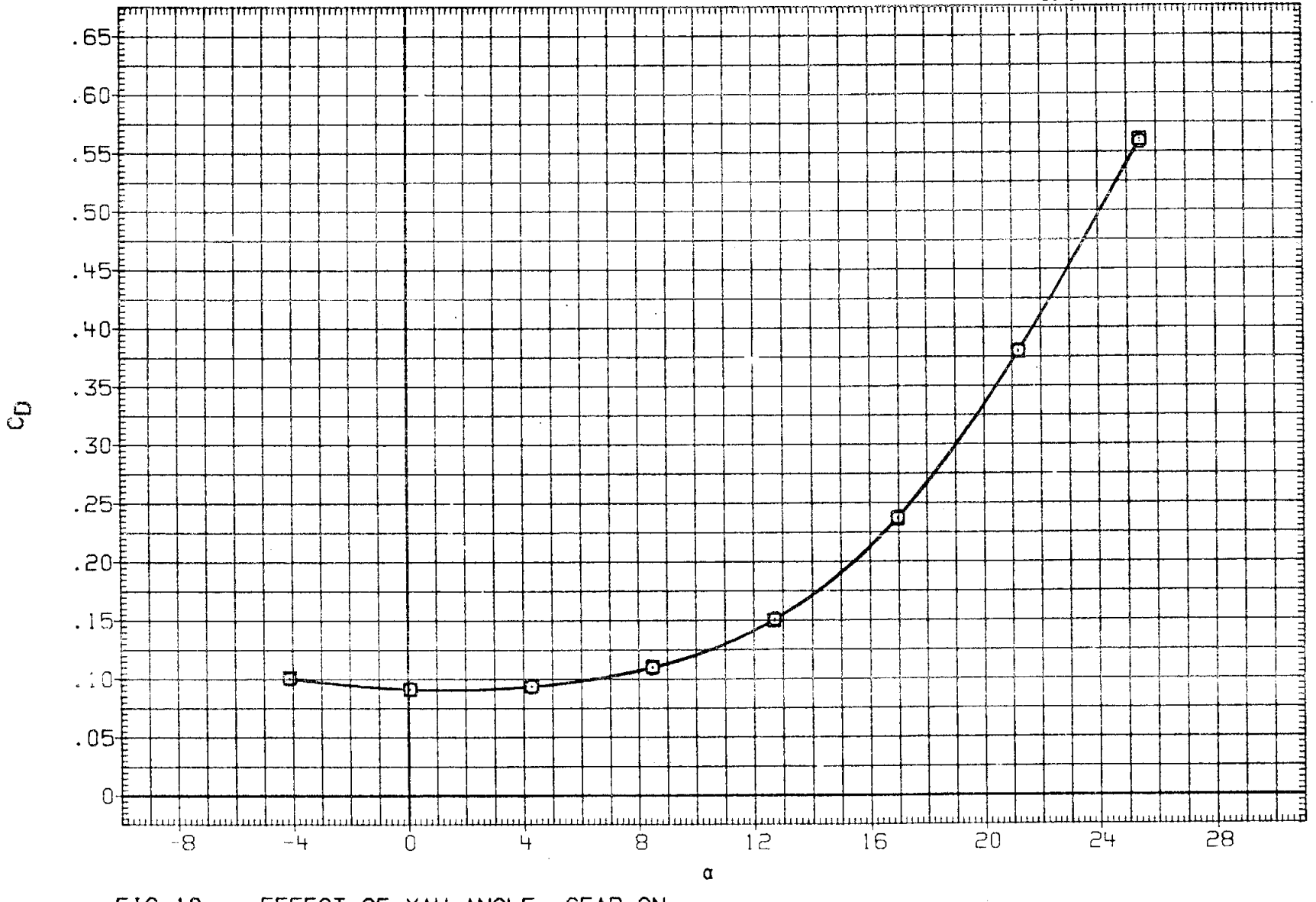

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

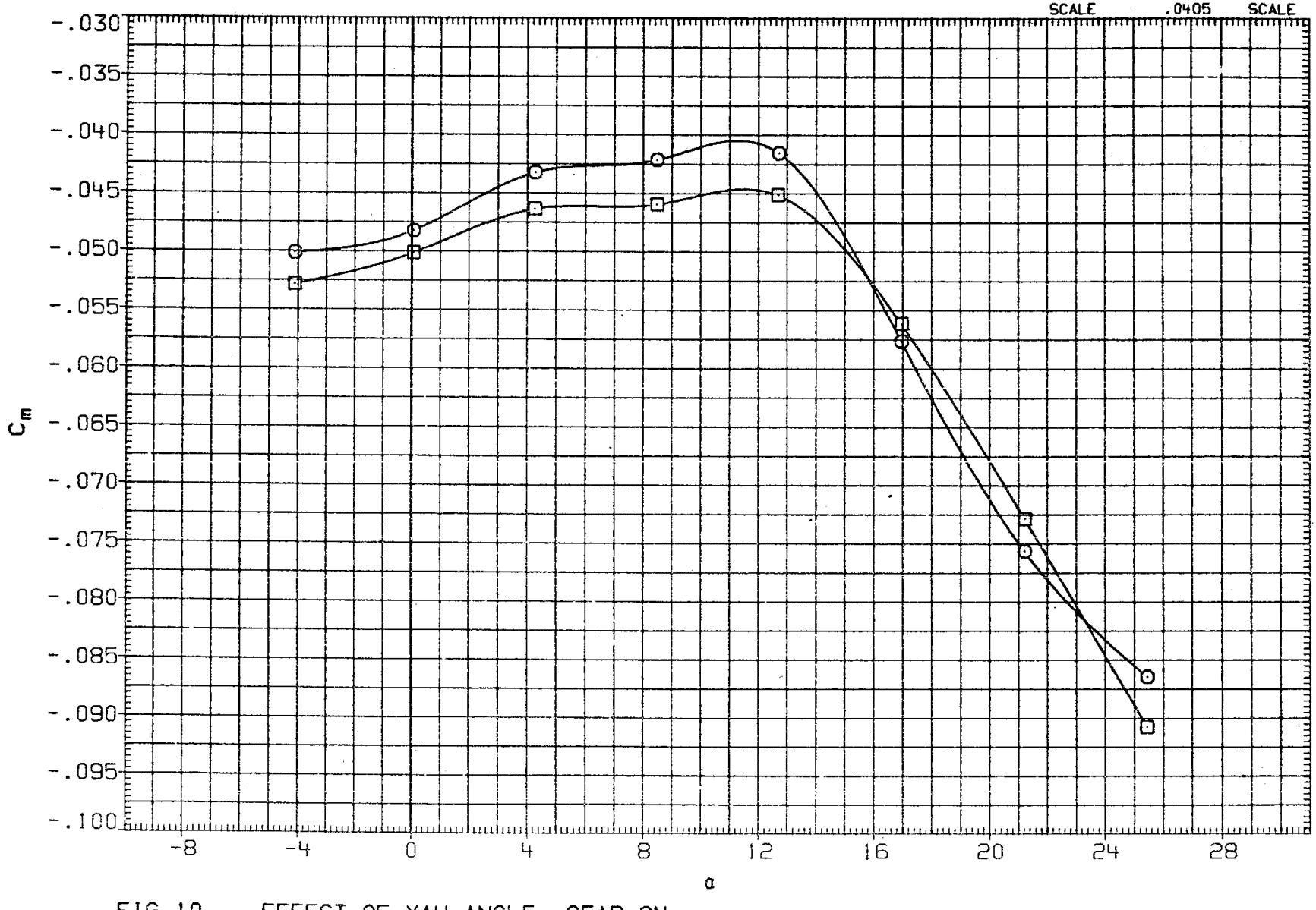

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

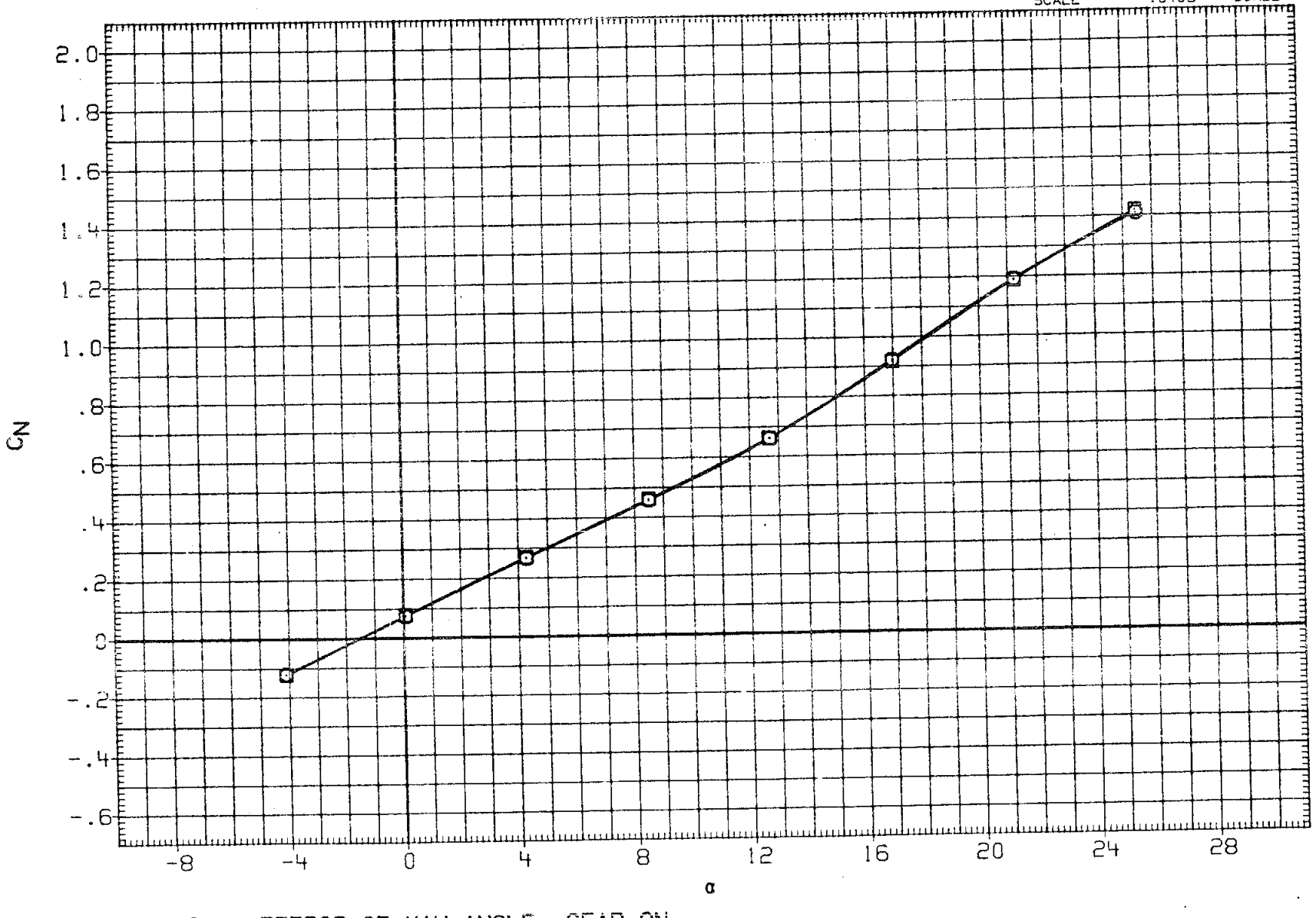

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

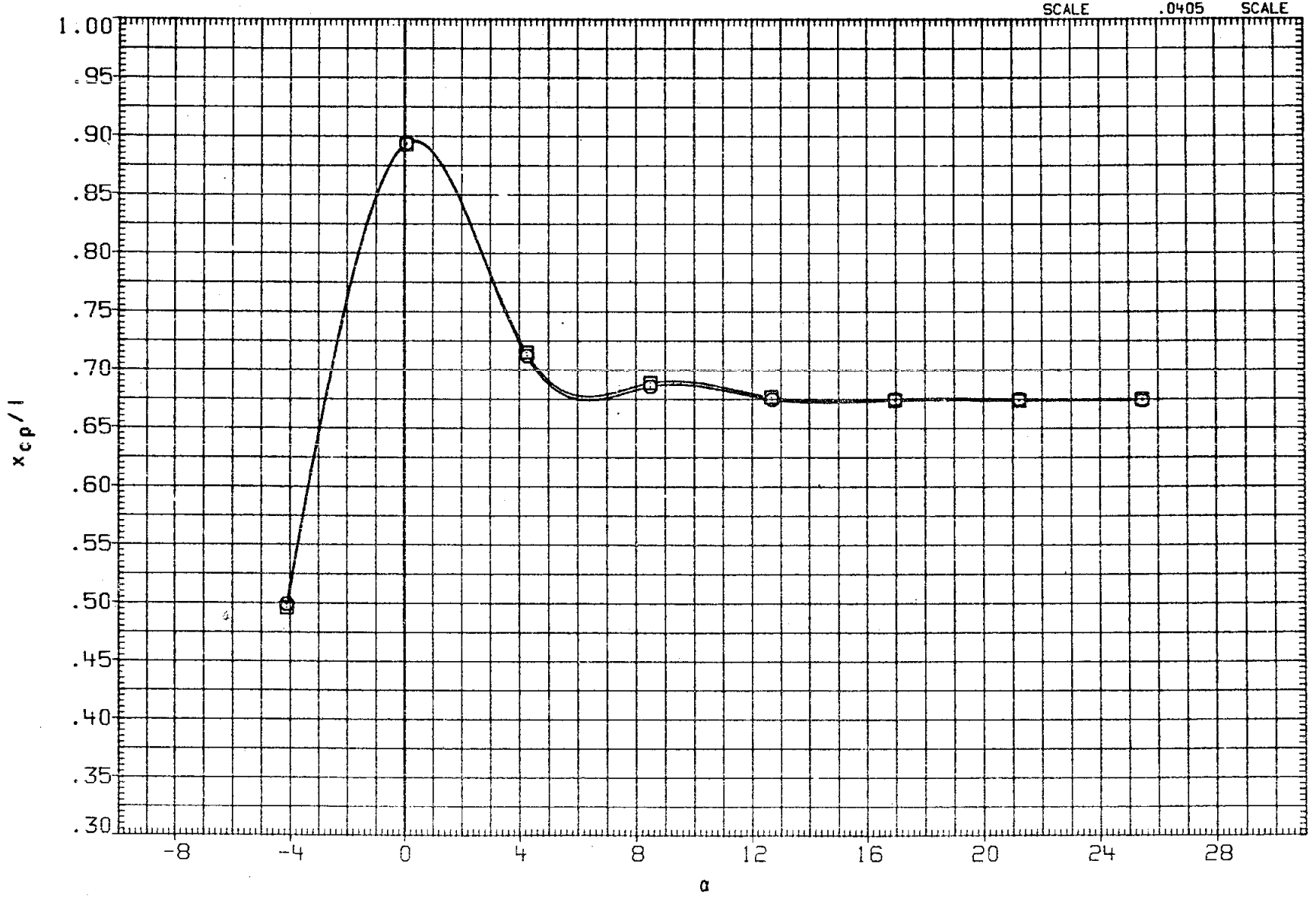

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	BETA
RFJ014	○	OA176 B26C9PR1M16N28W116E43F8[illegible]X9G15	-11.700	.000
RFJ015	□	OA176 B26C9PR1M16N28W116E43F8V8R5[illegible]19X9G15	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

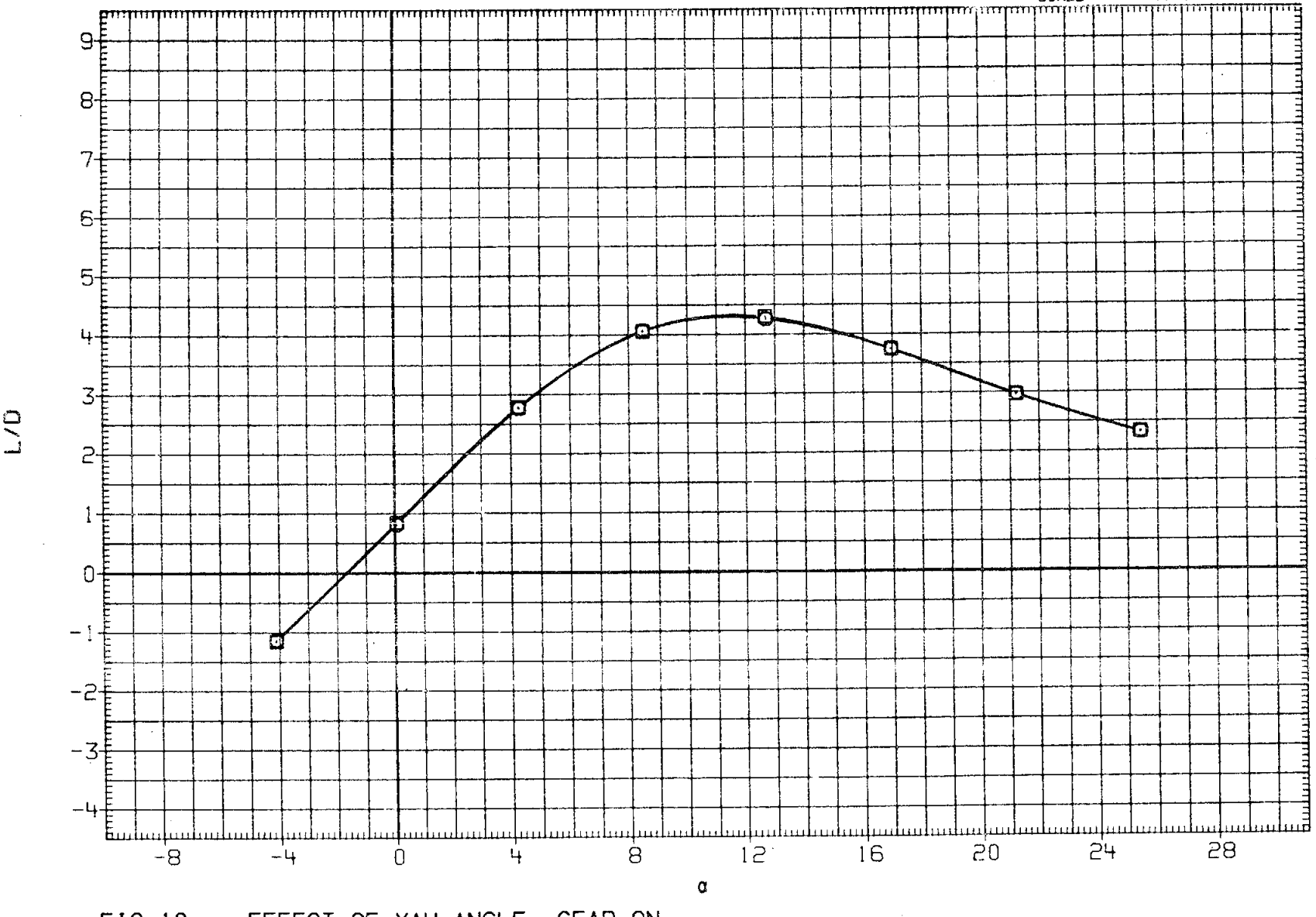

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	336.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

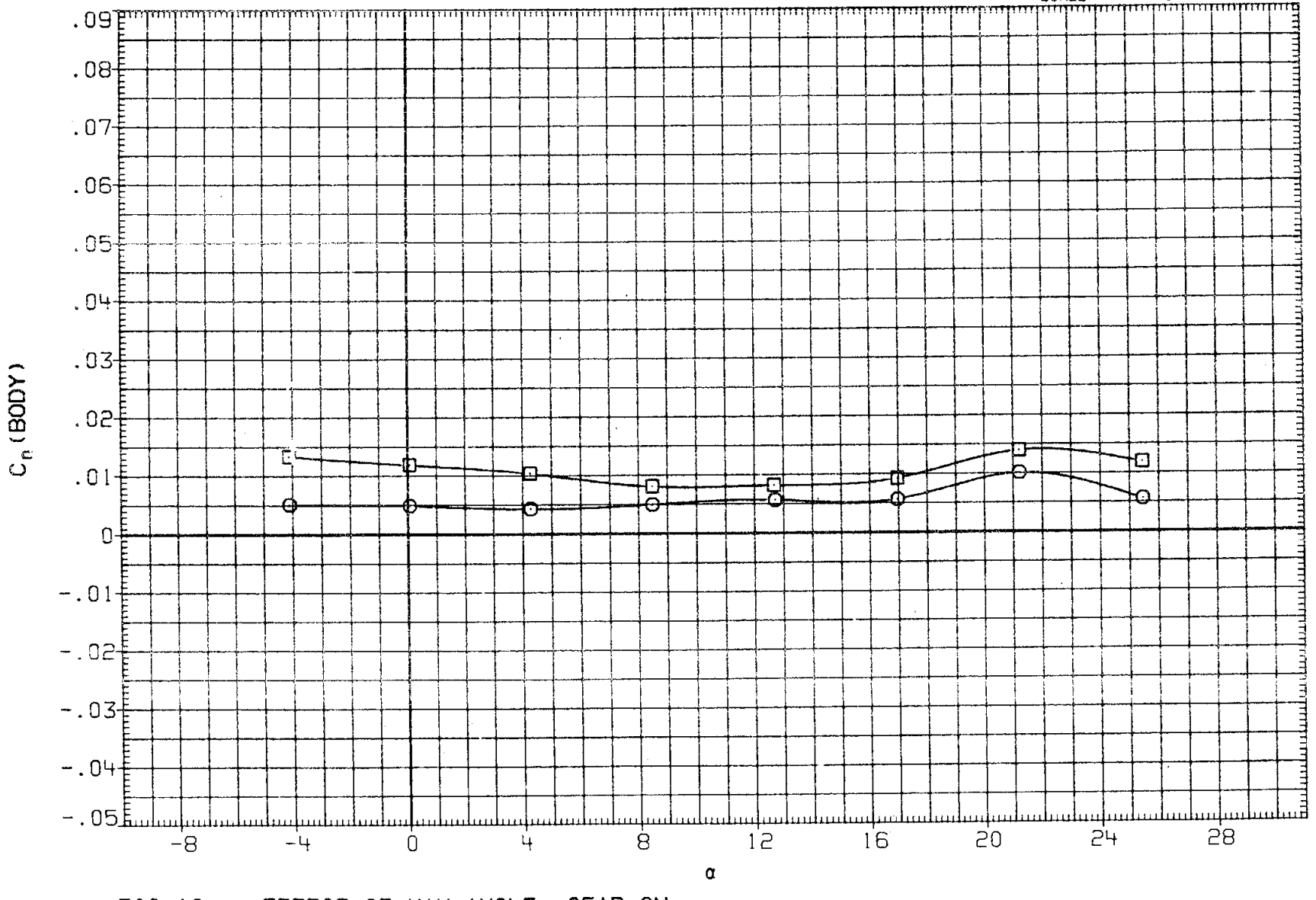

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	BETA
RFJ014	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ015	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	2.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

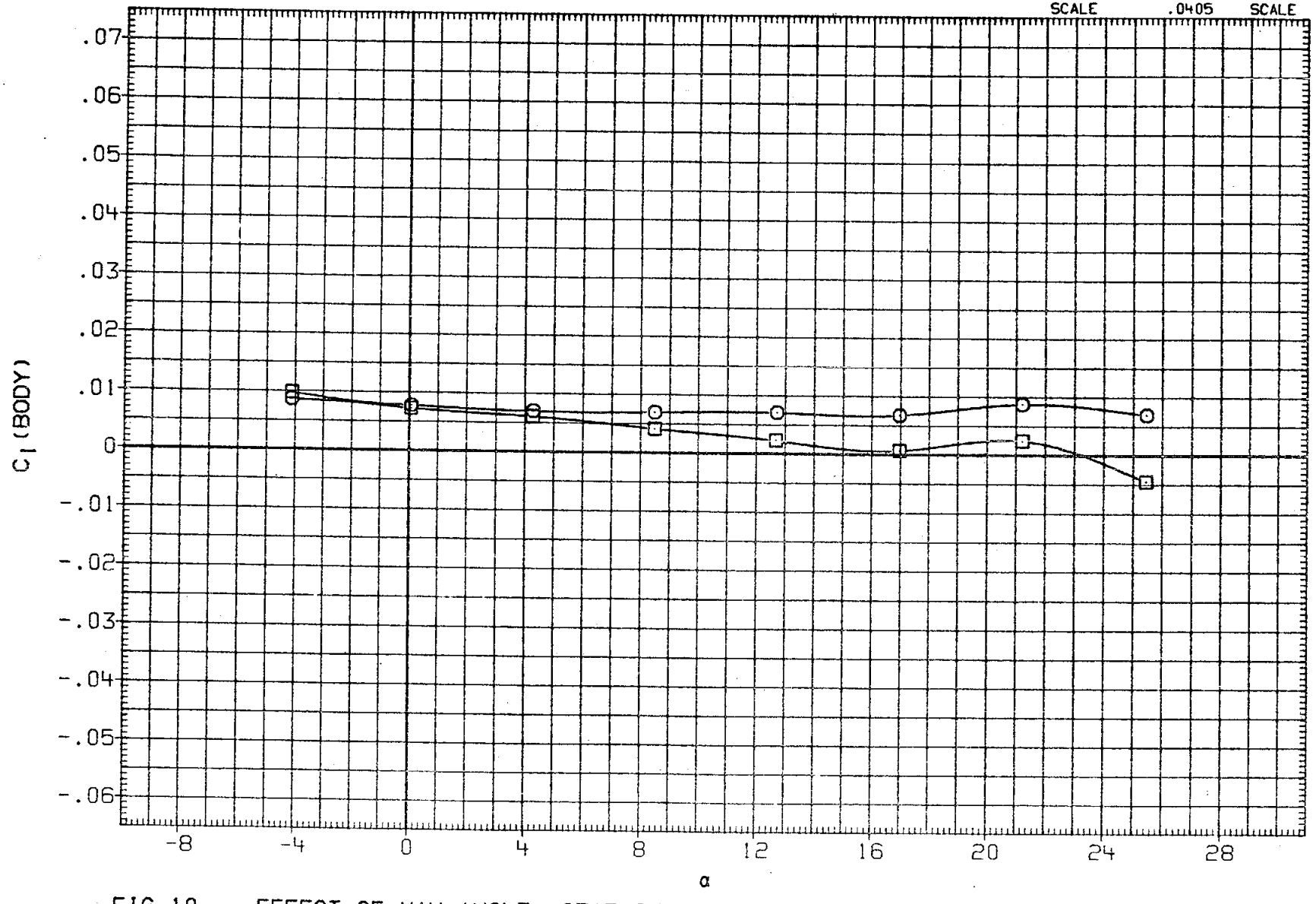

FIG 10 EFFECT OF YAW ANGLE, GEAR ON

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ017	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ018	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	10.000
RFJ019	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ020	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

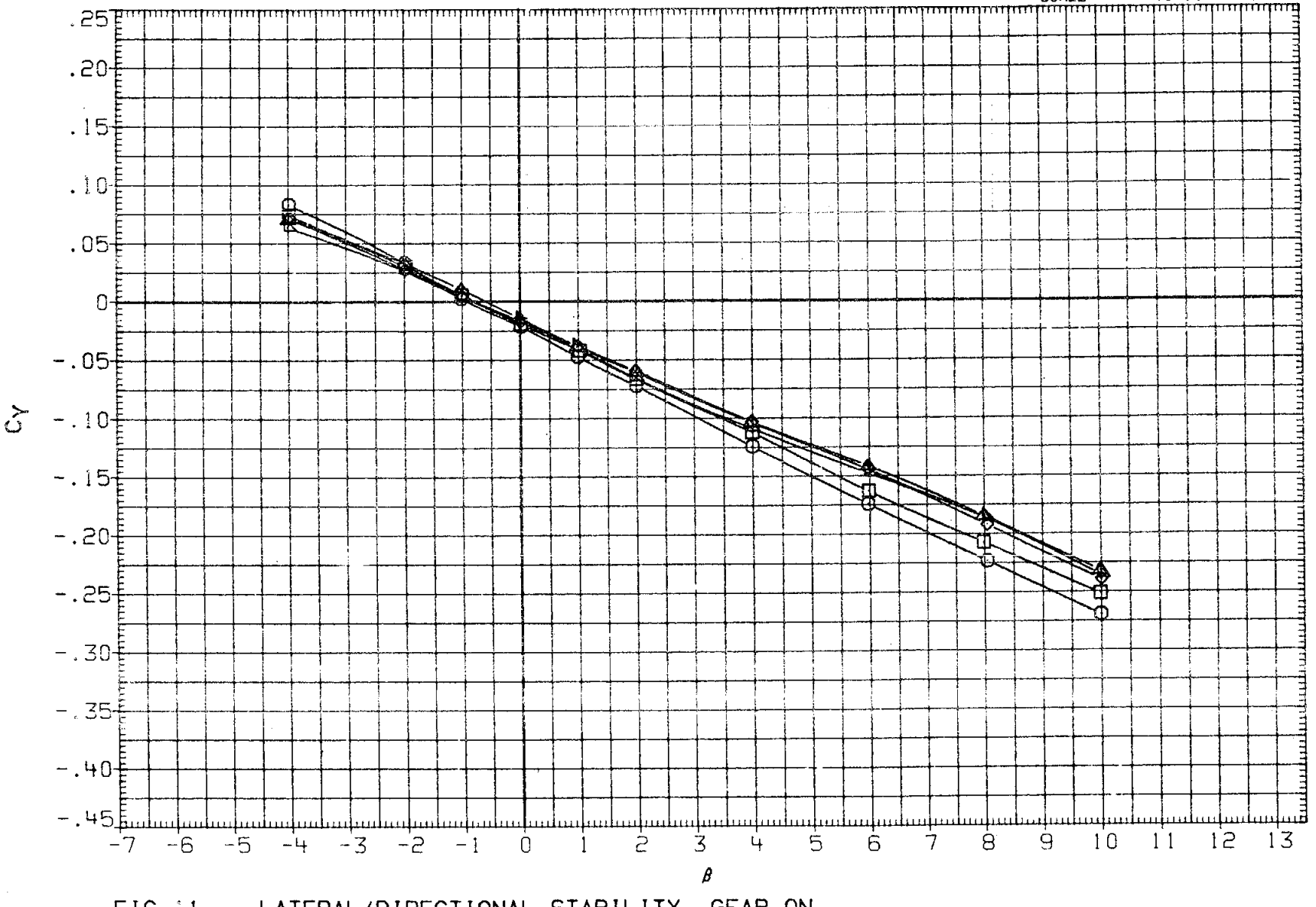

FIG 11 LATERAL/DIRECTIONAL STABILITY, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ017	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ018	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	10.000
RFJ019	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ020	◺	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

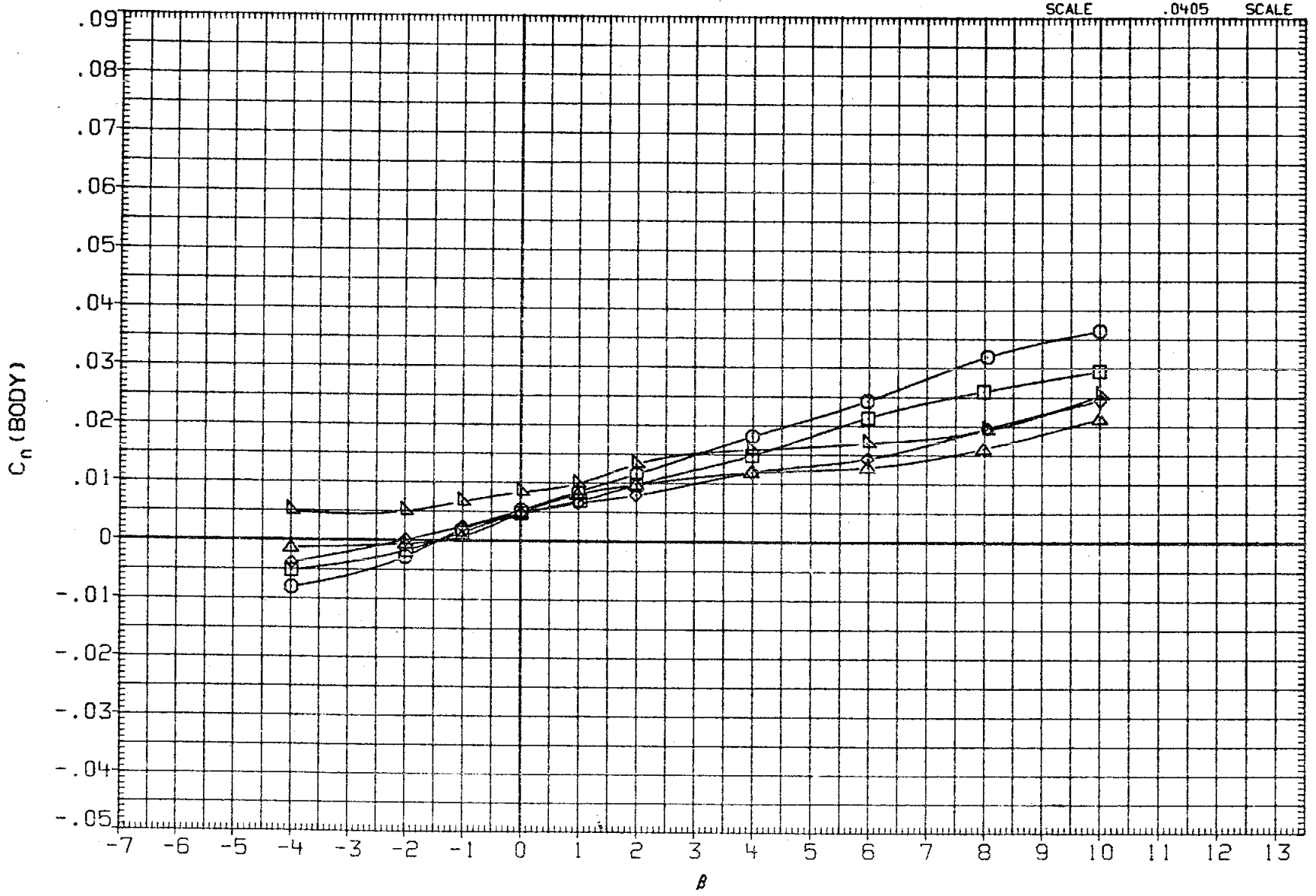

FIG 11 LATERAL/DIRECTIONAL STABILITY, GEAR ON

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ017	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ018	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	10.000
RFJ019	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ020	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

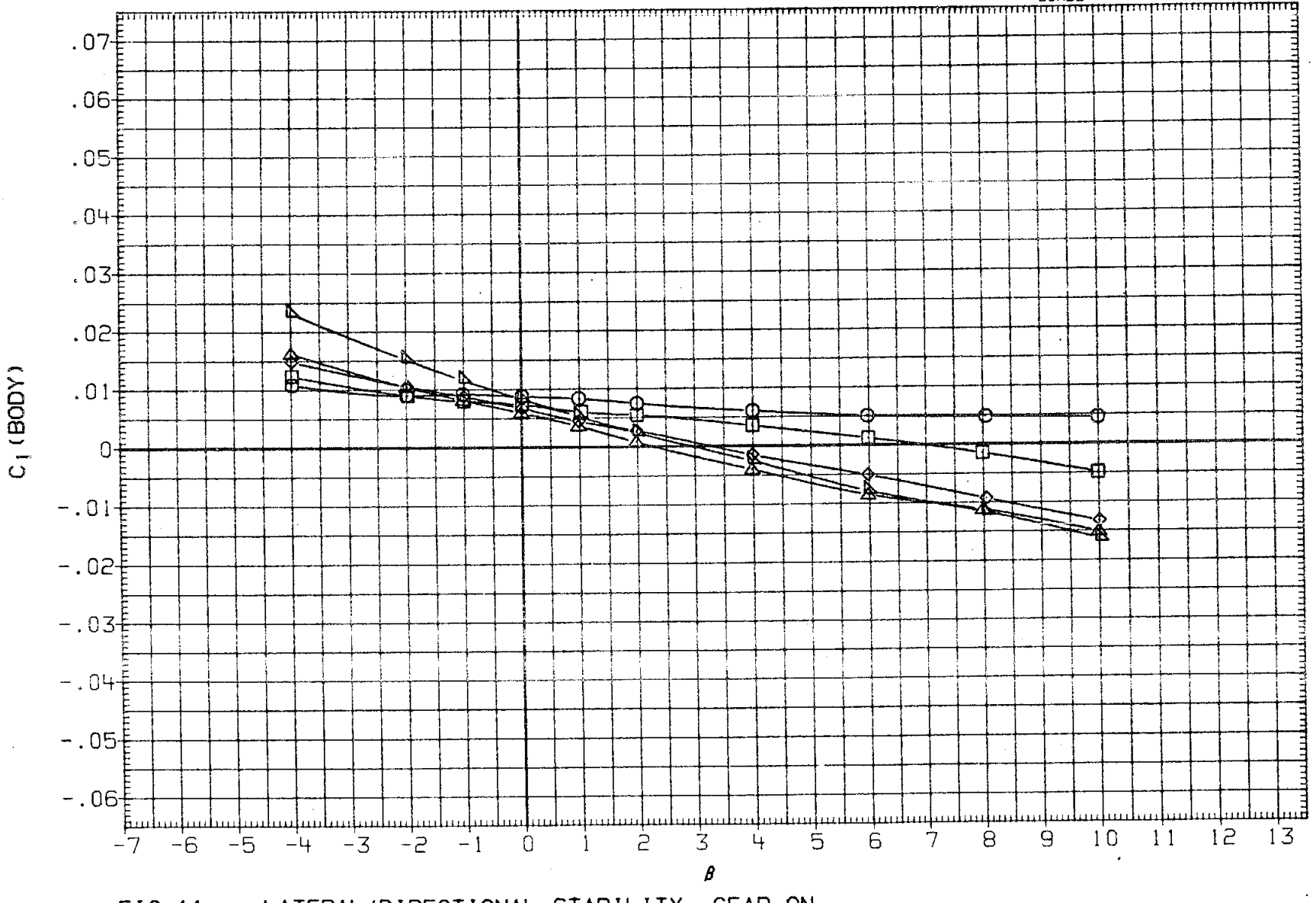

FIG 11 LATERAL/DIRECTIONAL STABILITY, GEAR ON

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PRIM16N29W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

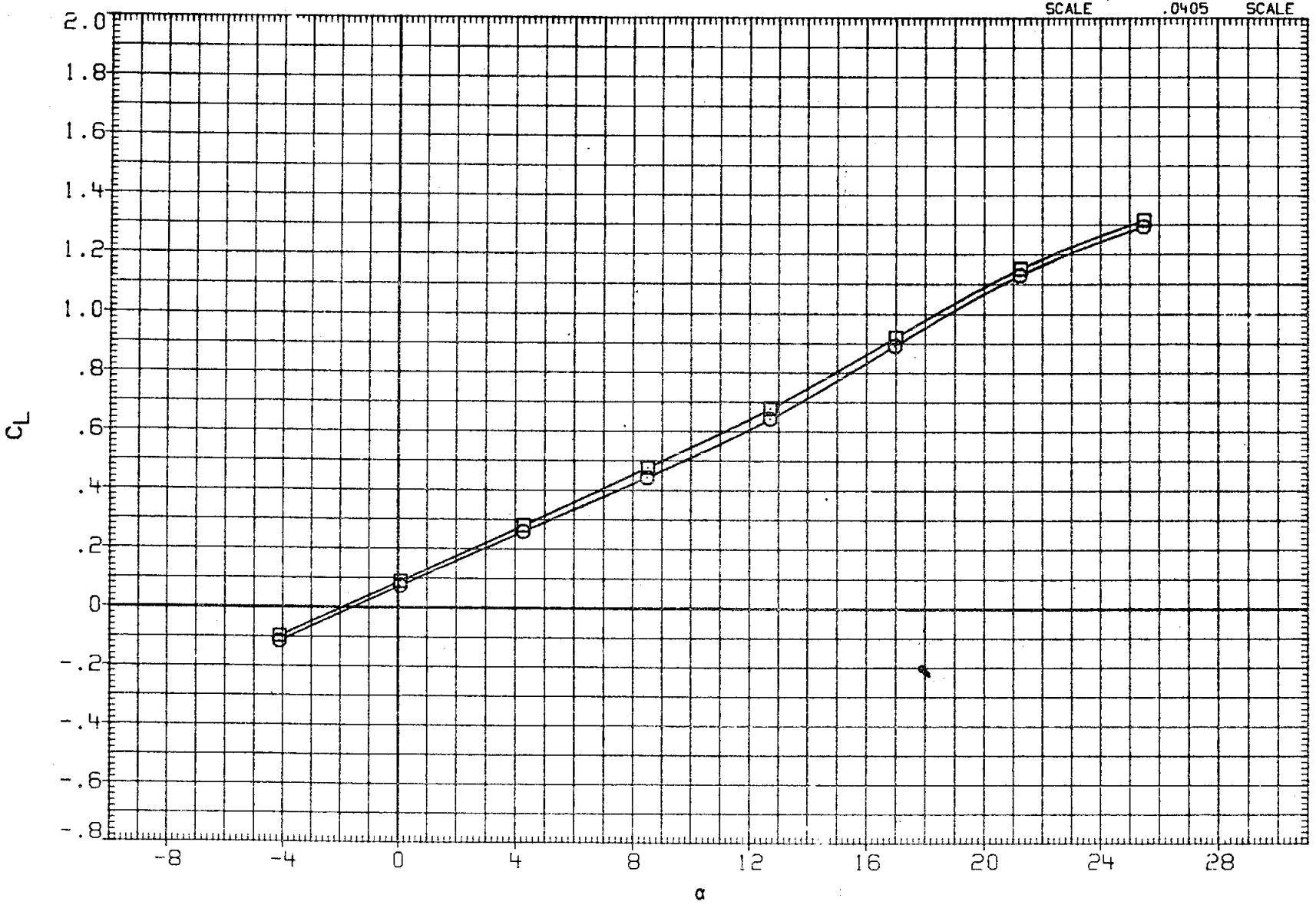

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5T..9X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PR1M16N28W116E43F8V8R5T`19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

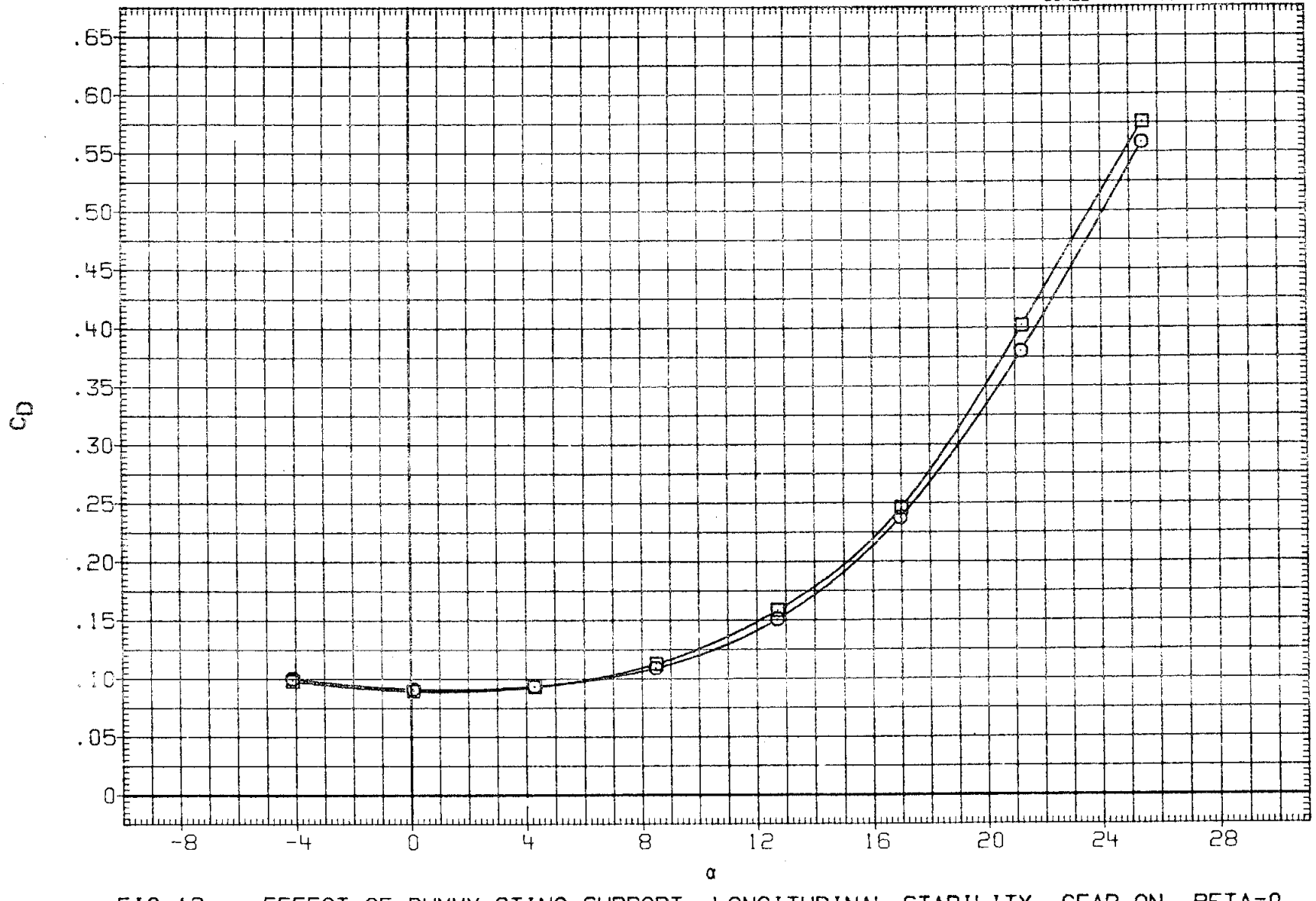

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

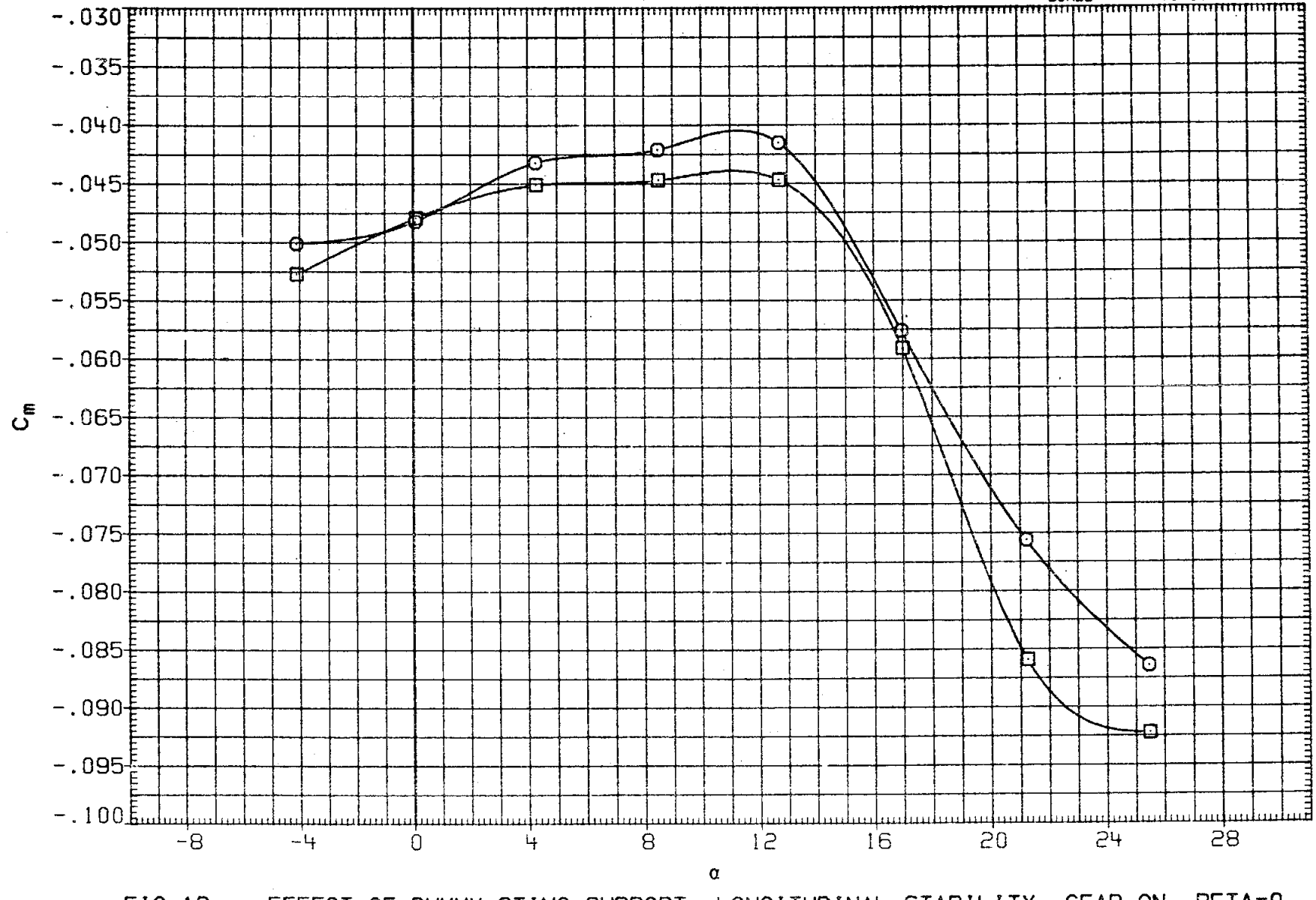

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

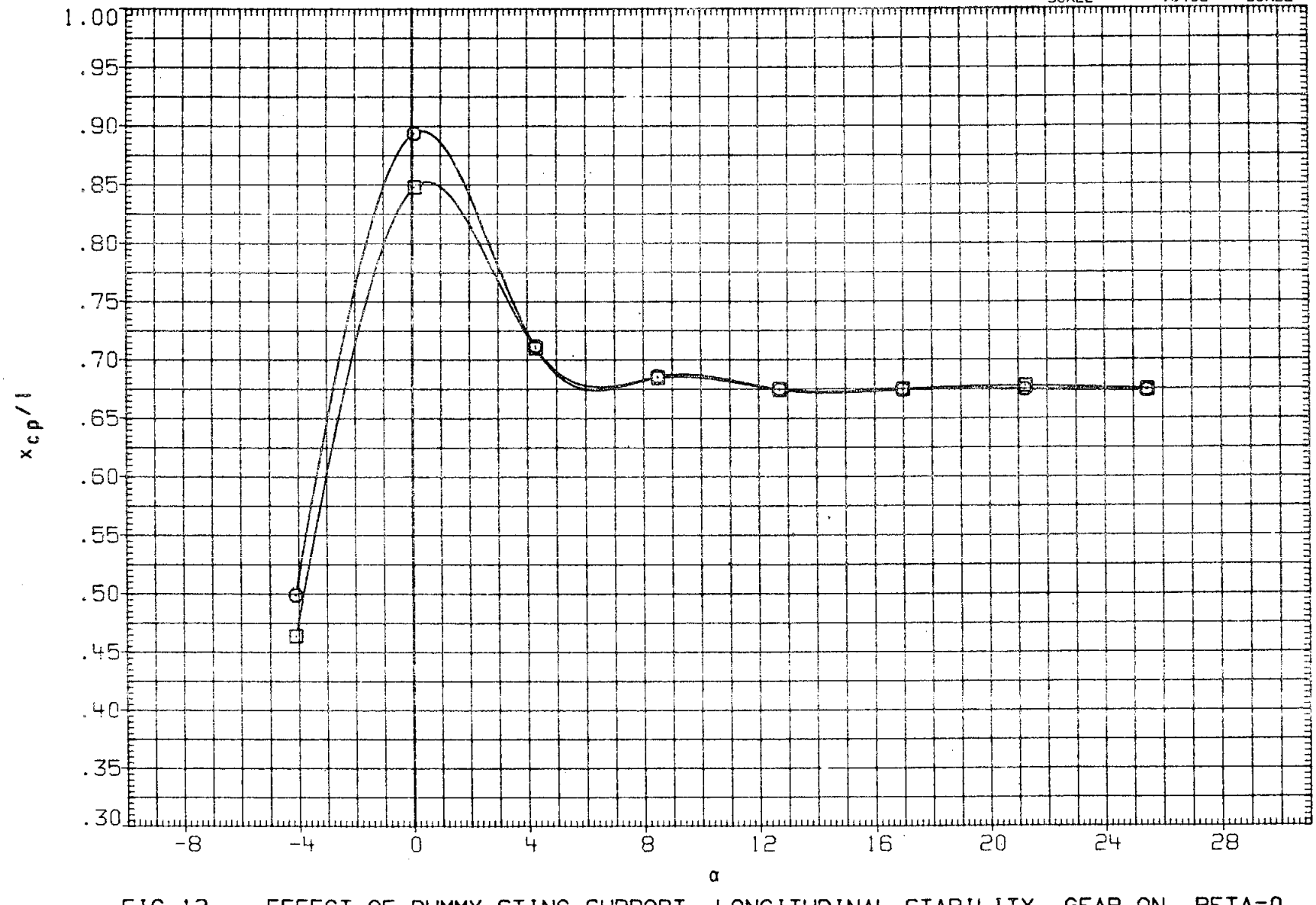

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

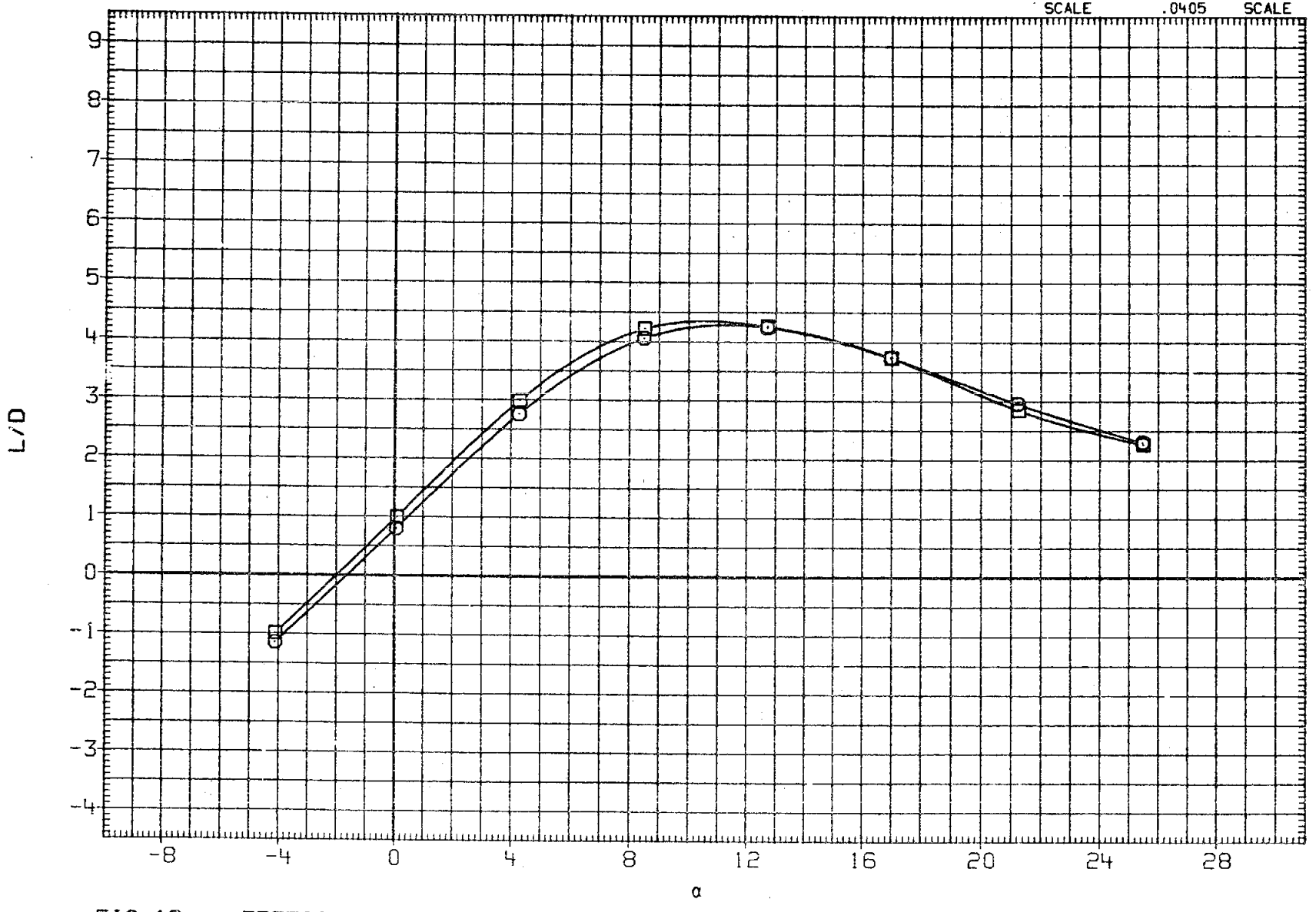

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

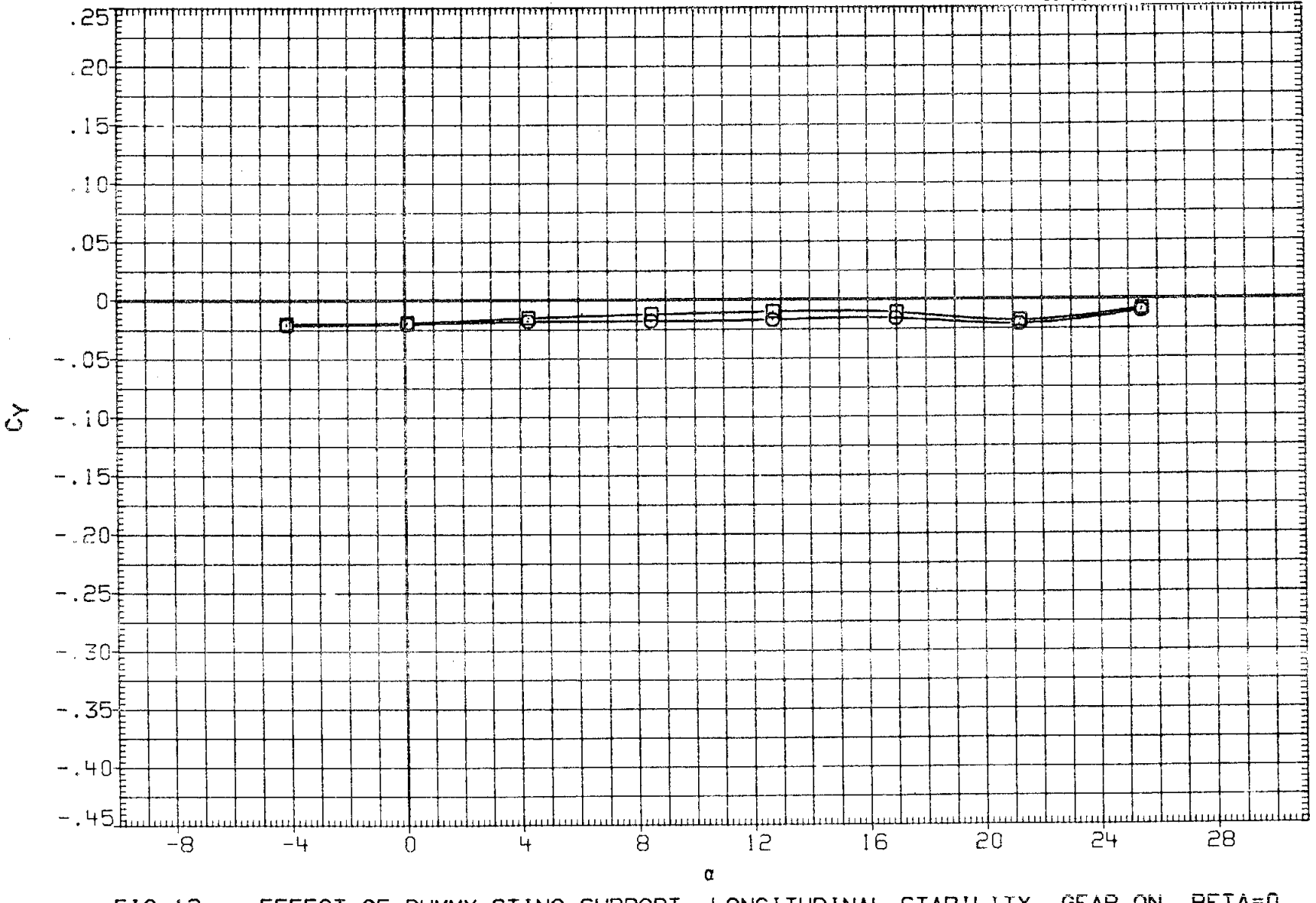

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

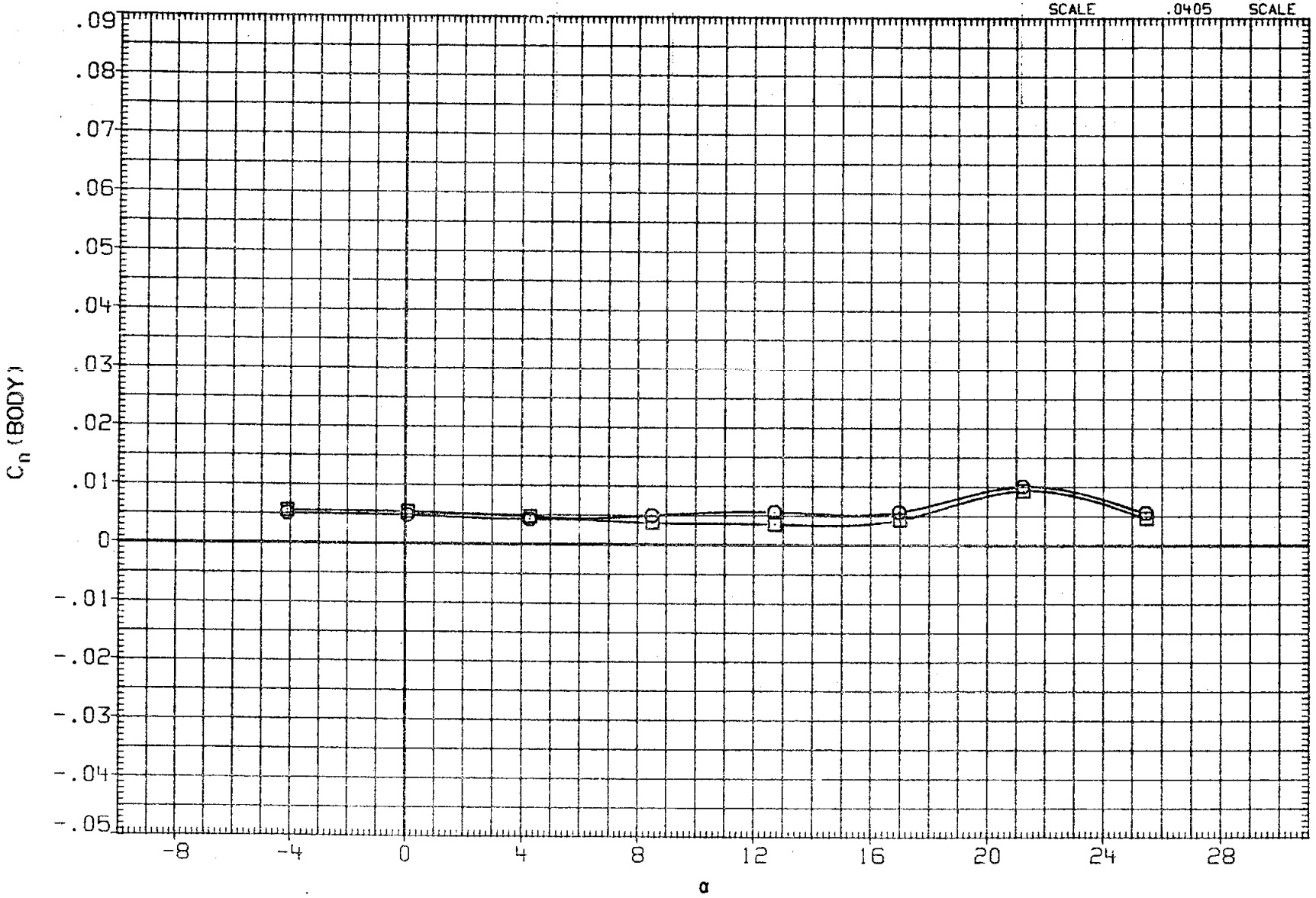

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ014	○	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9G15	-11.700		.000
RFJ021	□	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

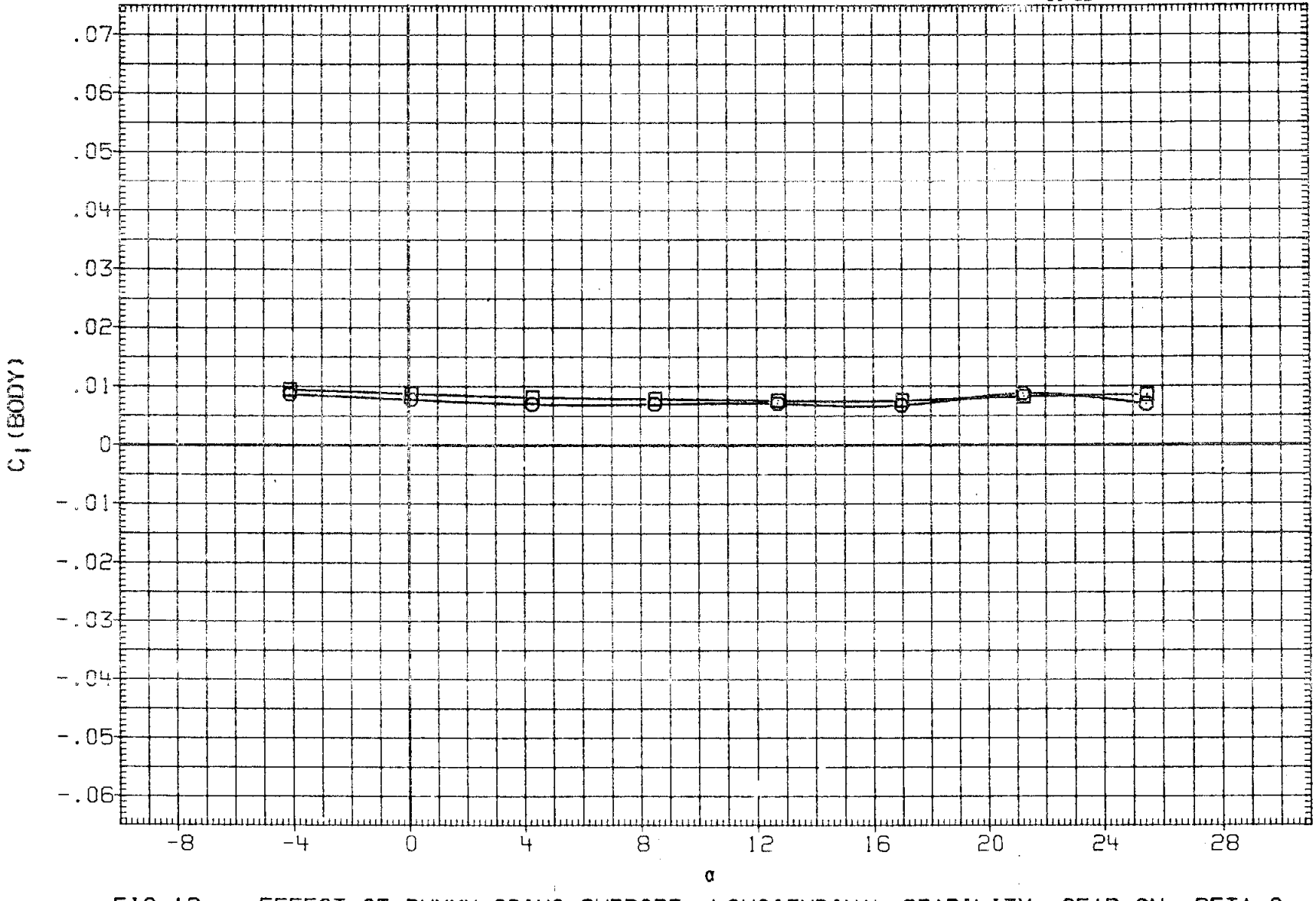

FIG 12 EFFECT OF DUMMY STING SUPPORT, LONGITUDINAL STABILITY, GEAR ON, BETA=0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ016	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ022	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

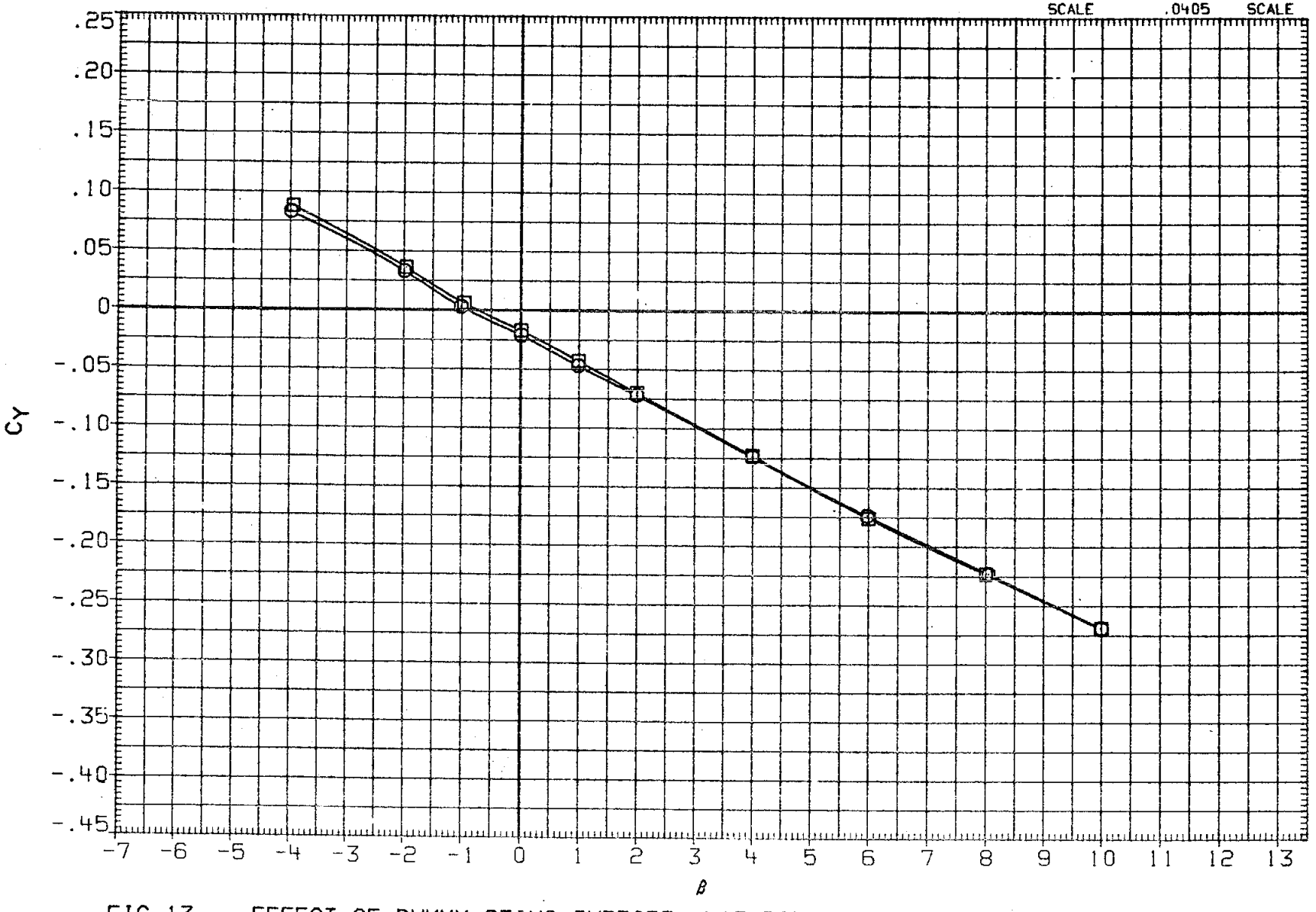

FIG 13 EFFECT OF DUMMY STING SUPPORT, LAT/DIR STABILITY, GEAR ON, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RF0016	○	0A176	826C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RF0022	□	0A176	826C9PR1M16N20W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

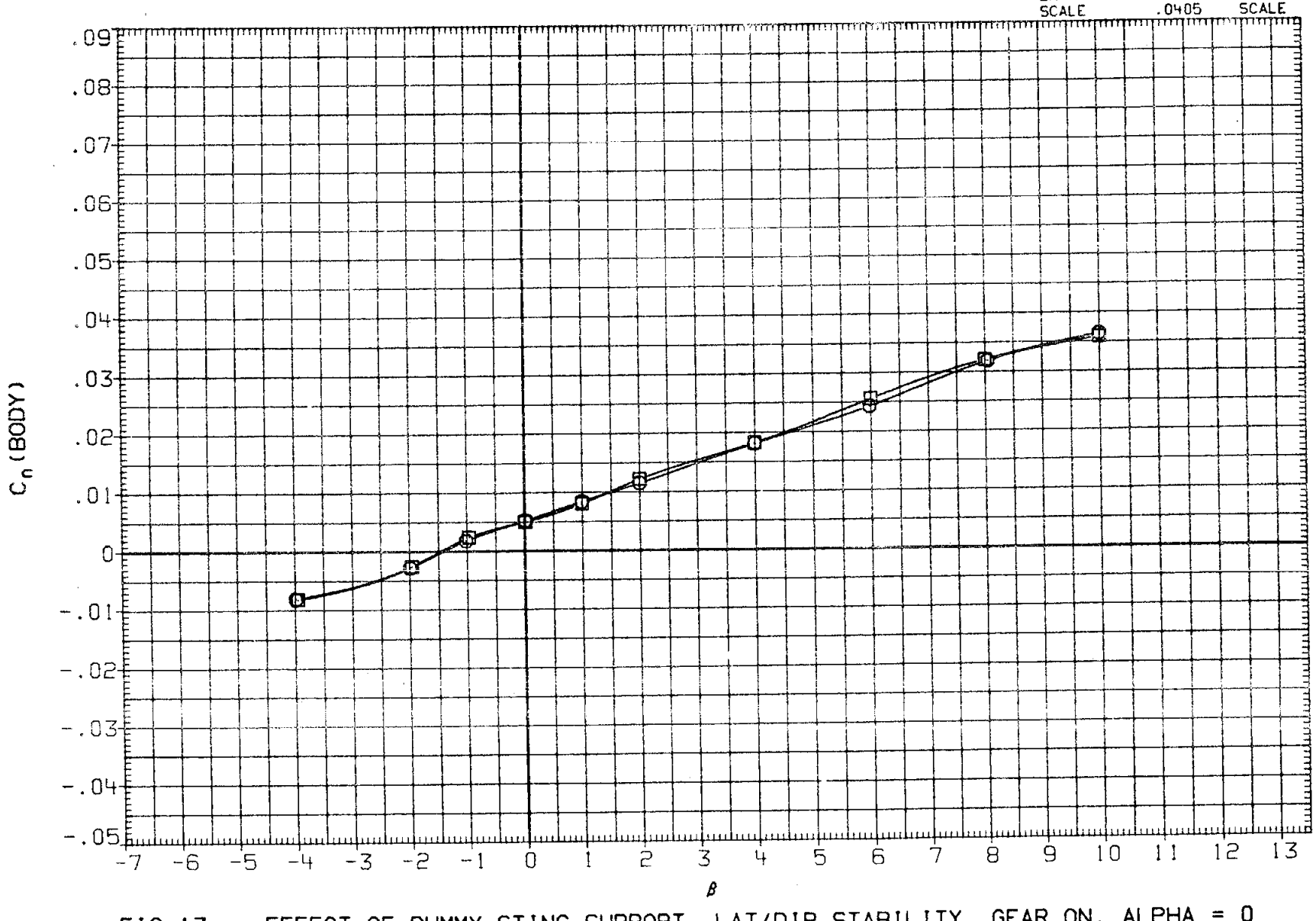

FIG 13 EFFECT OF DUMMY STING SUPPORT, LAT/DIR STABILITY, GEAR ON, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ016	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700		.000
RFJ022	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	4.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

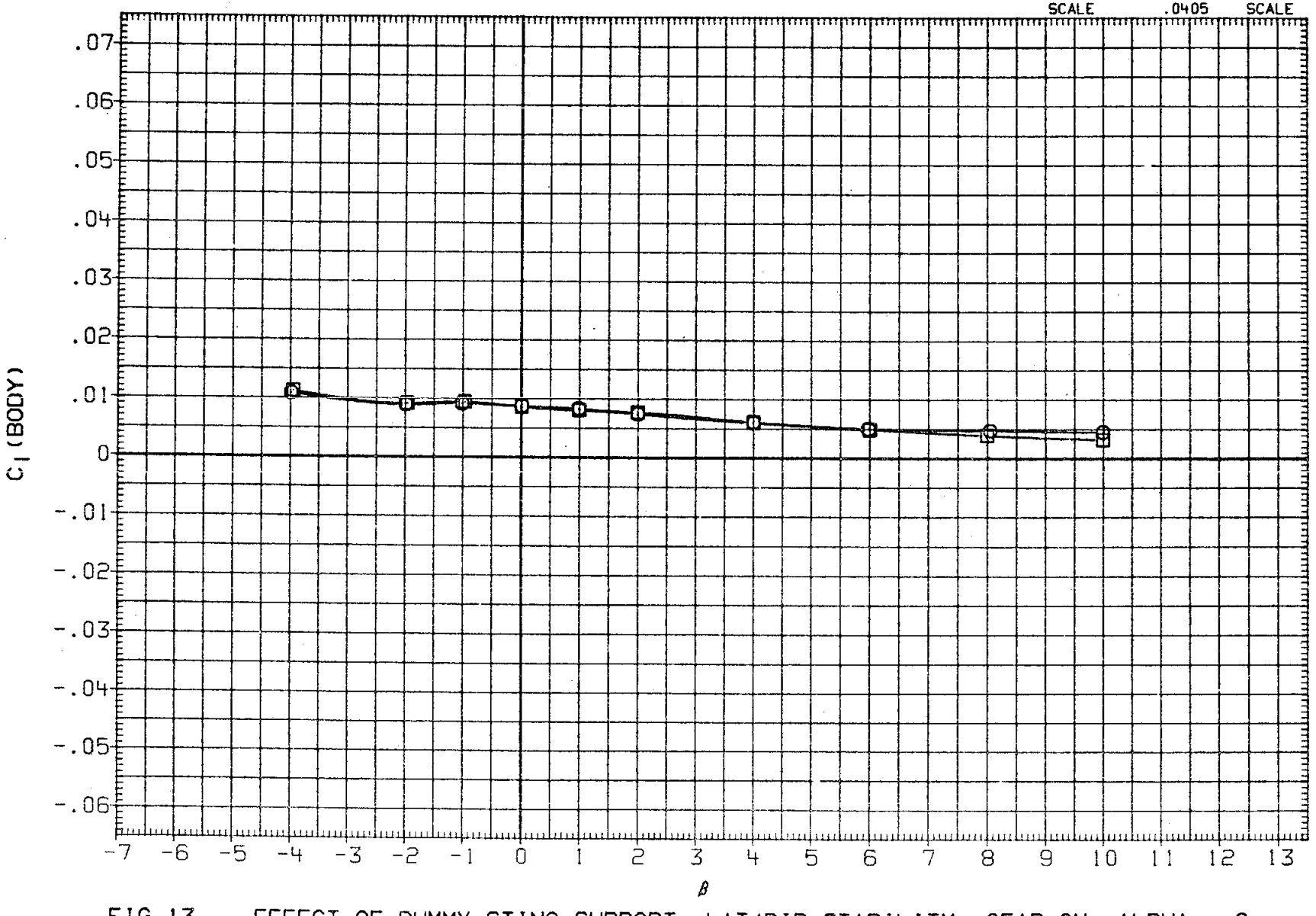

FIG 13 EFFECT OF DUMMY STING SUPPORT, LAT/DIR STABILITY, GEAR ON, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BOFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

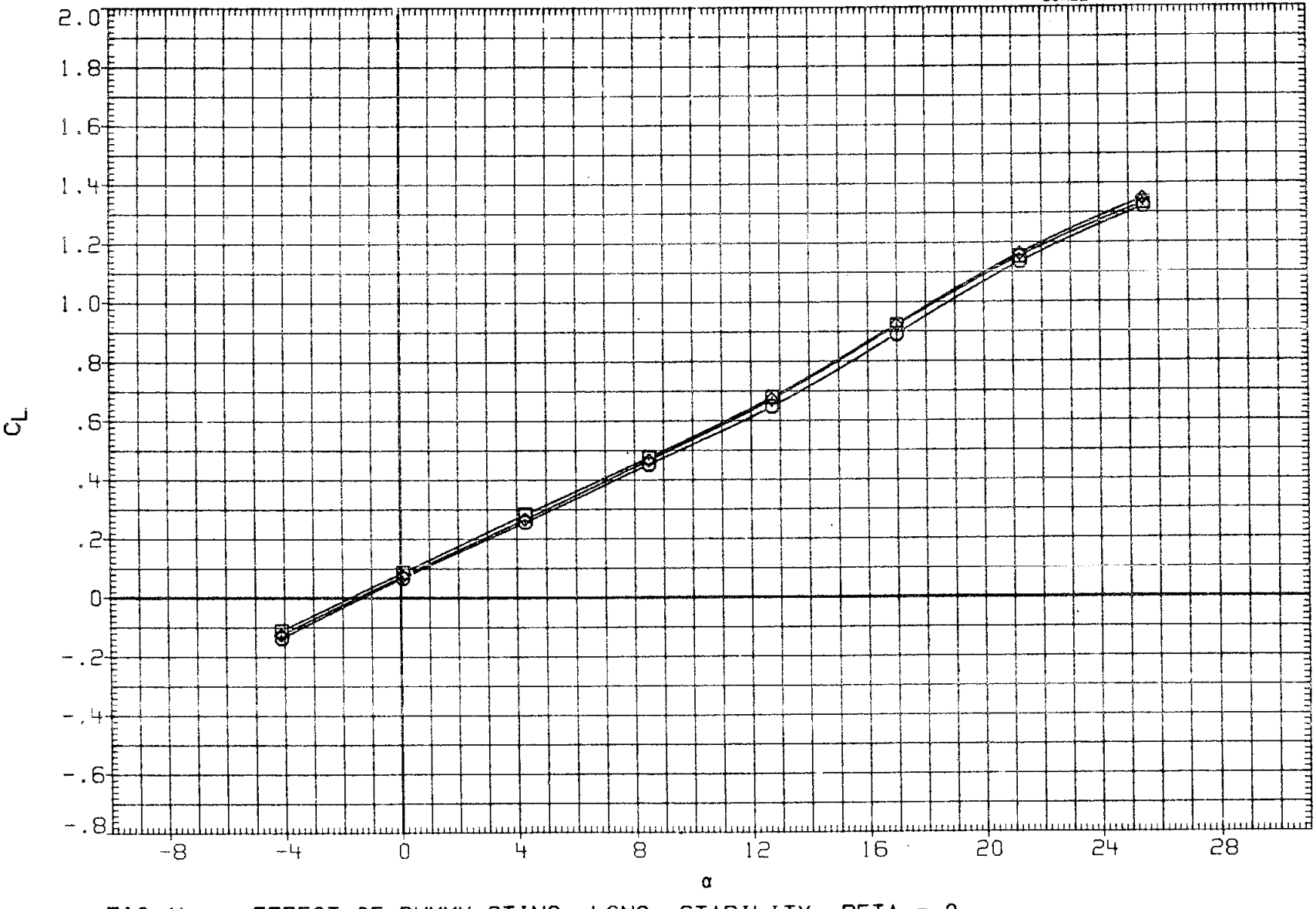

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	OA176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

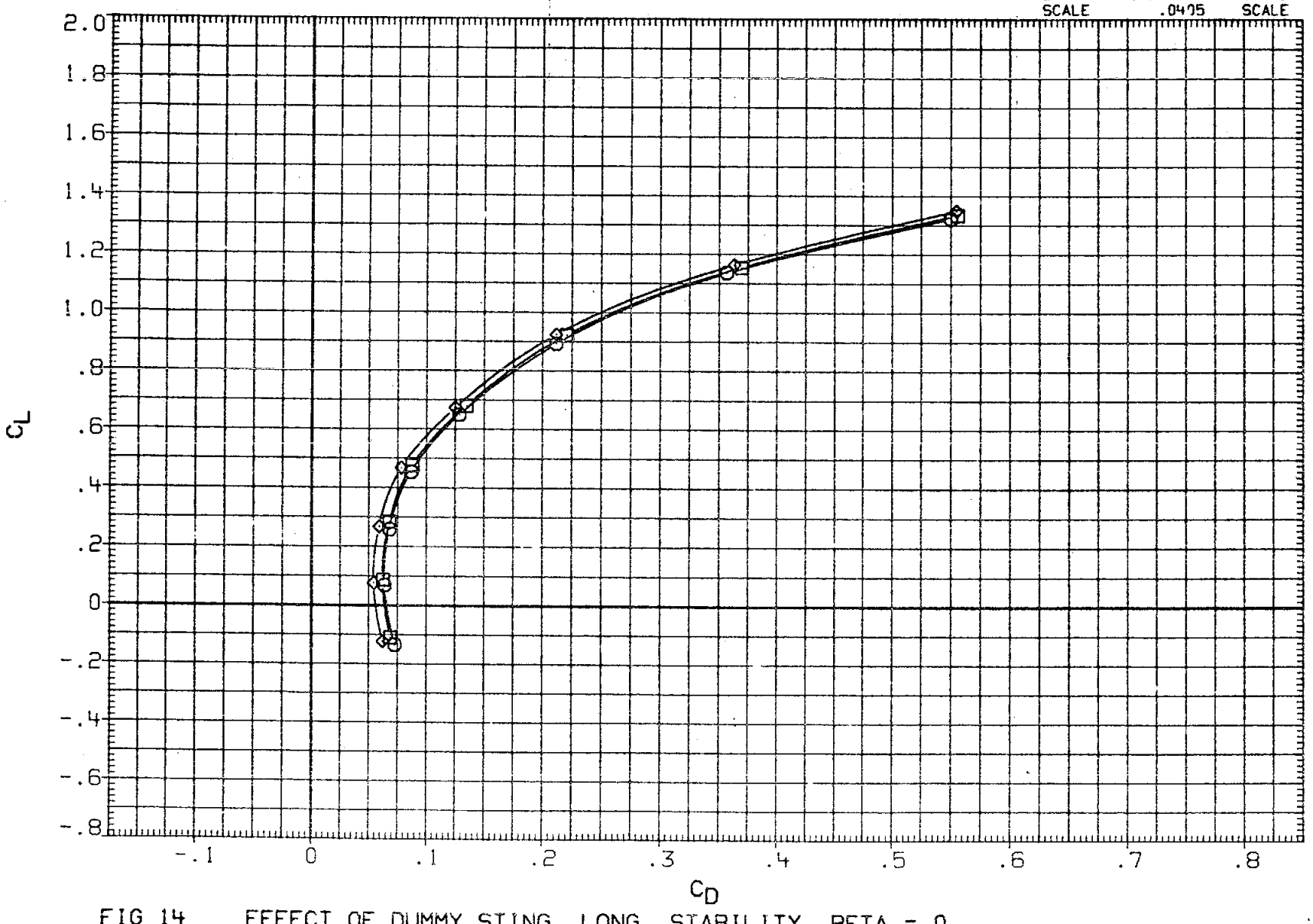

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BOFLAP	STM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

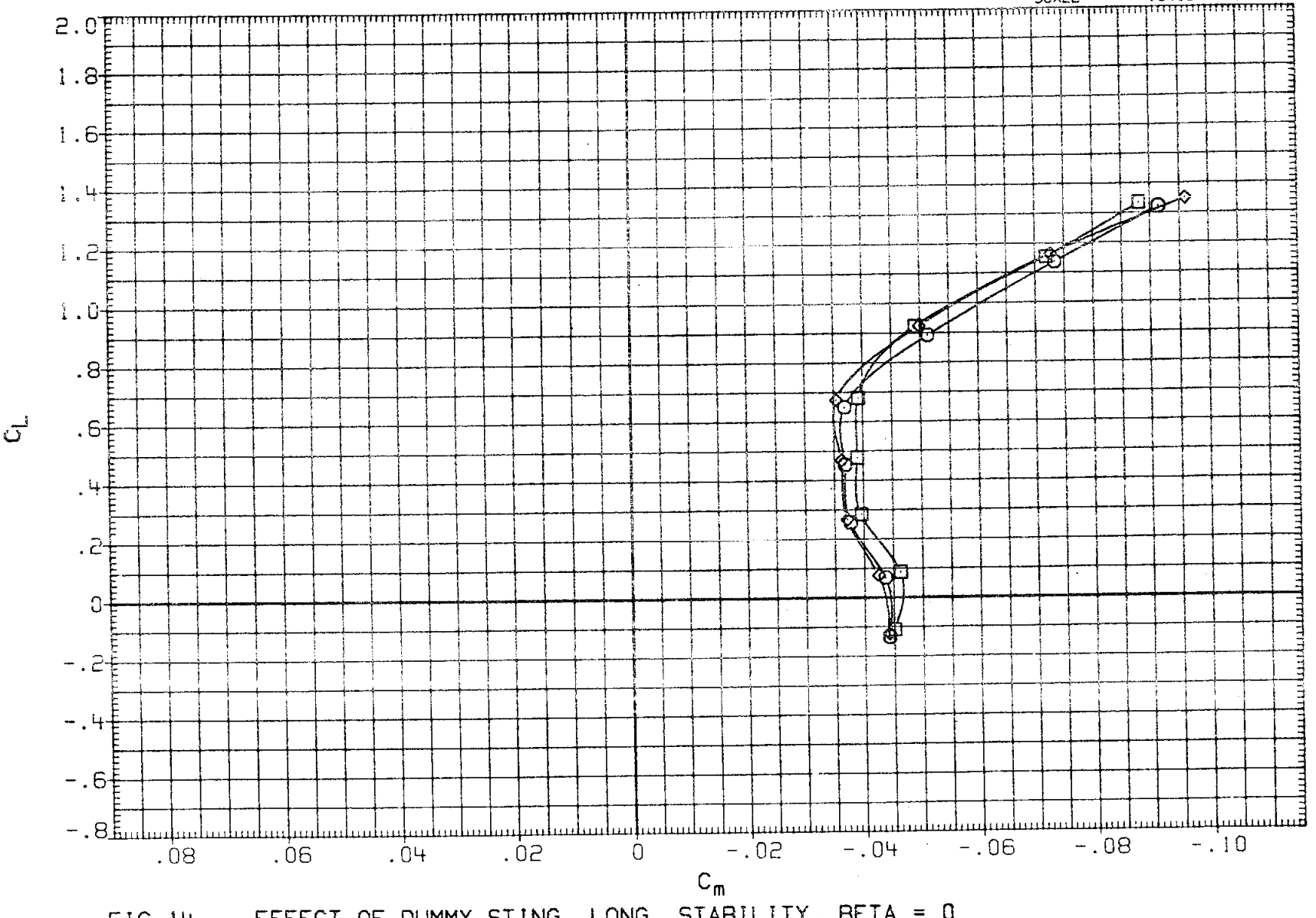

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

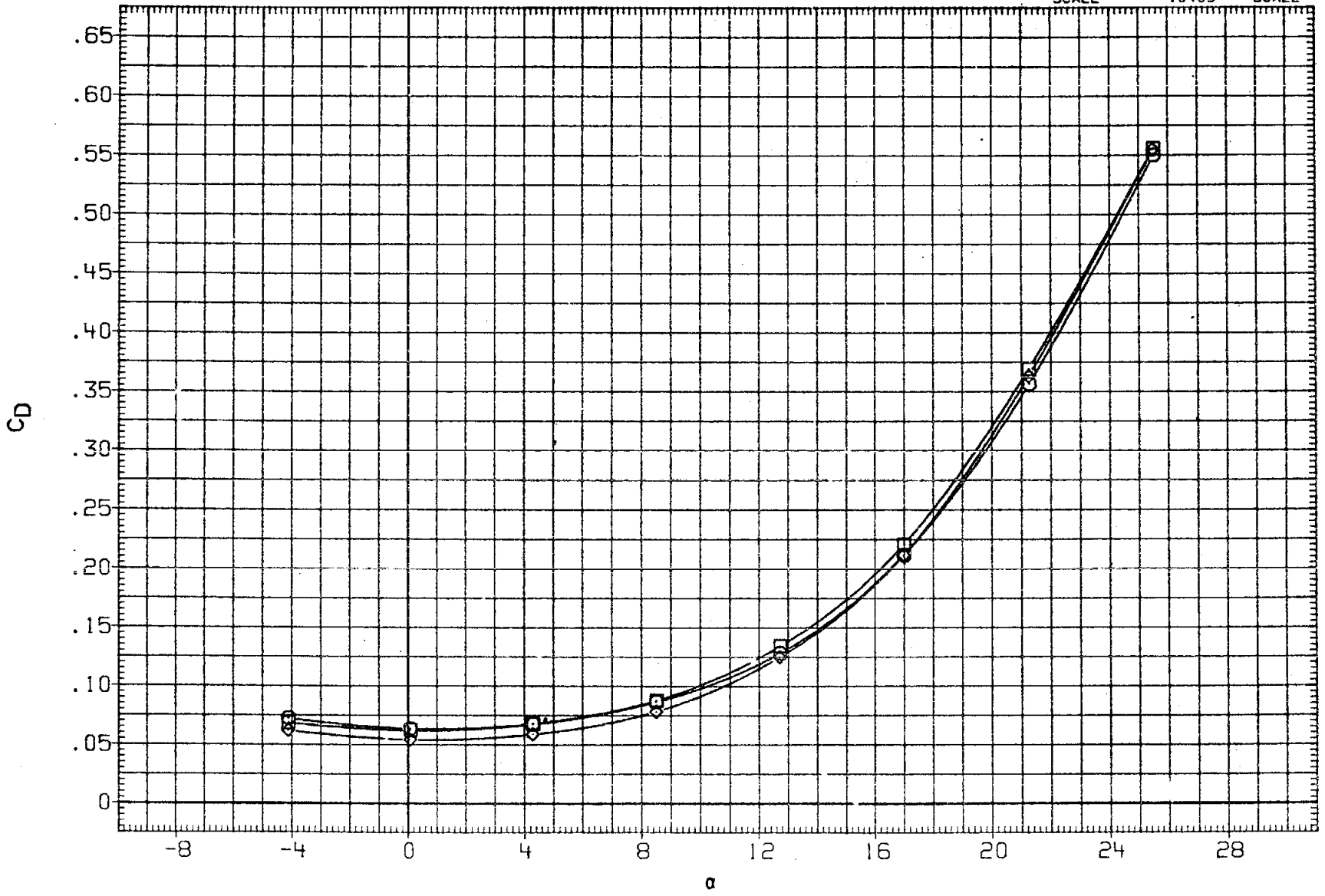

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C3PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION

SREF	2680.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

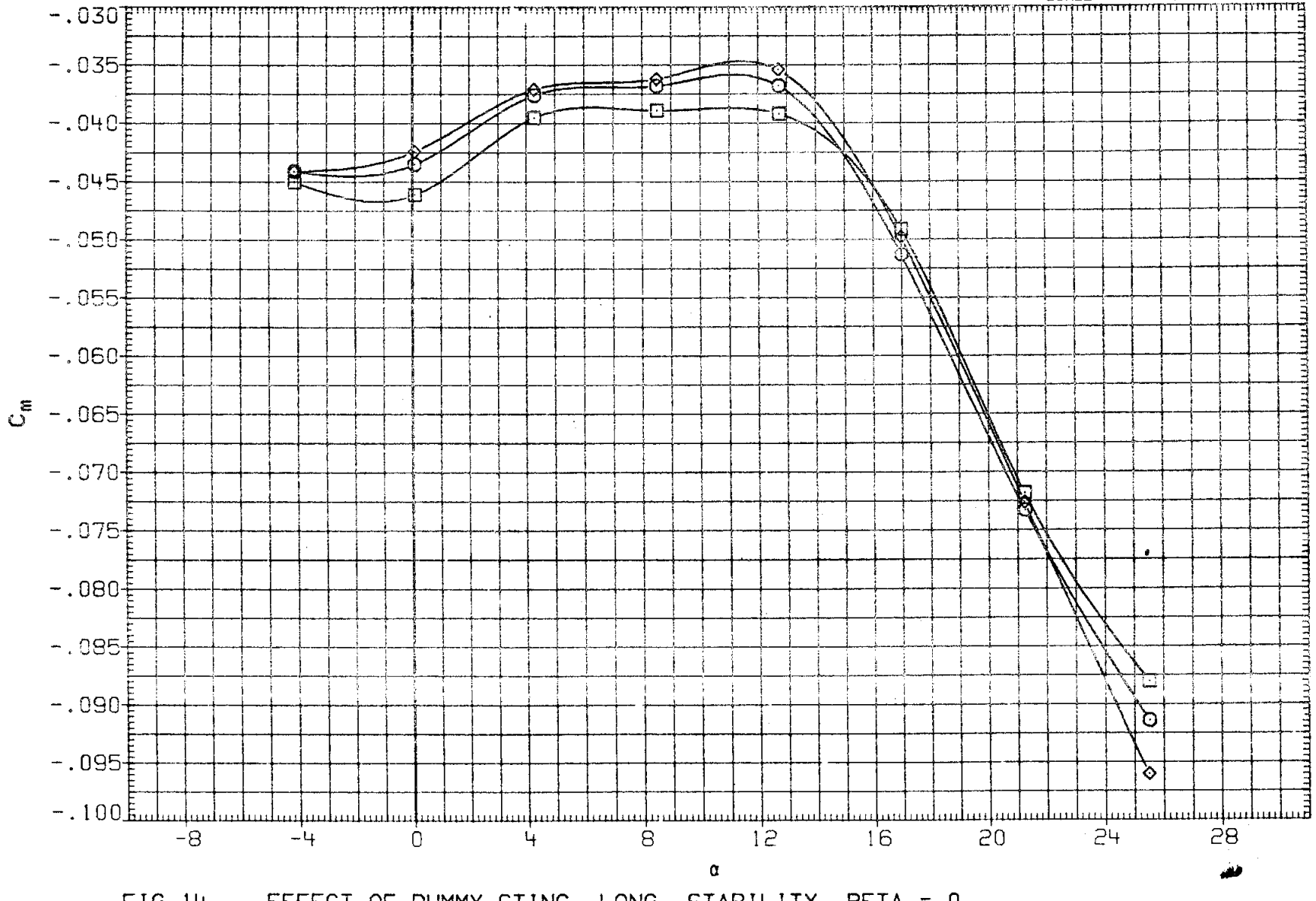

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	OA176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

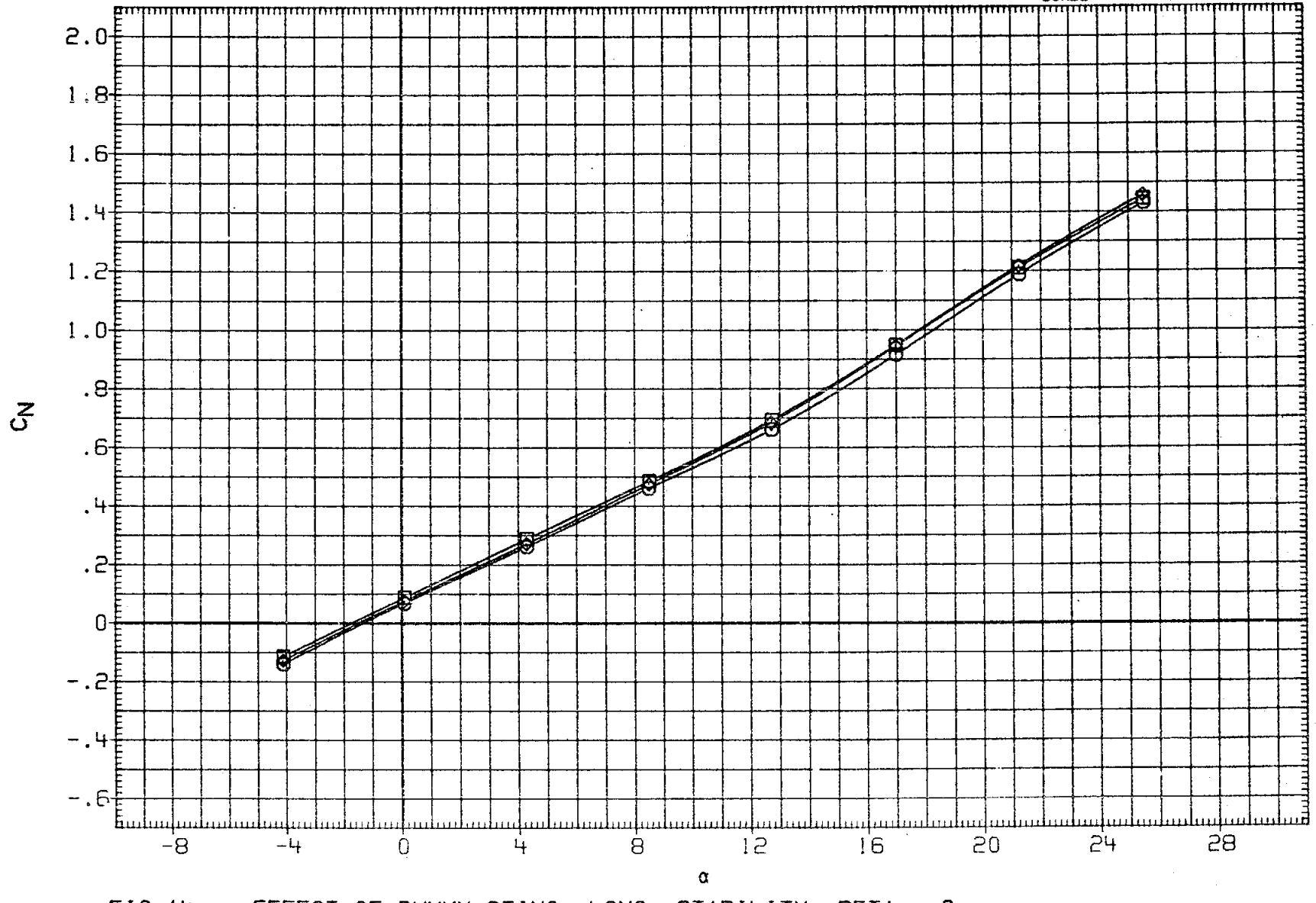

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700		.000
RFJ044	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700	4.000	.000
RFJ083	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC23XS	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

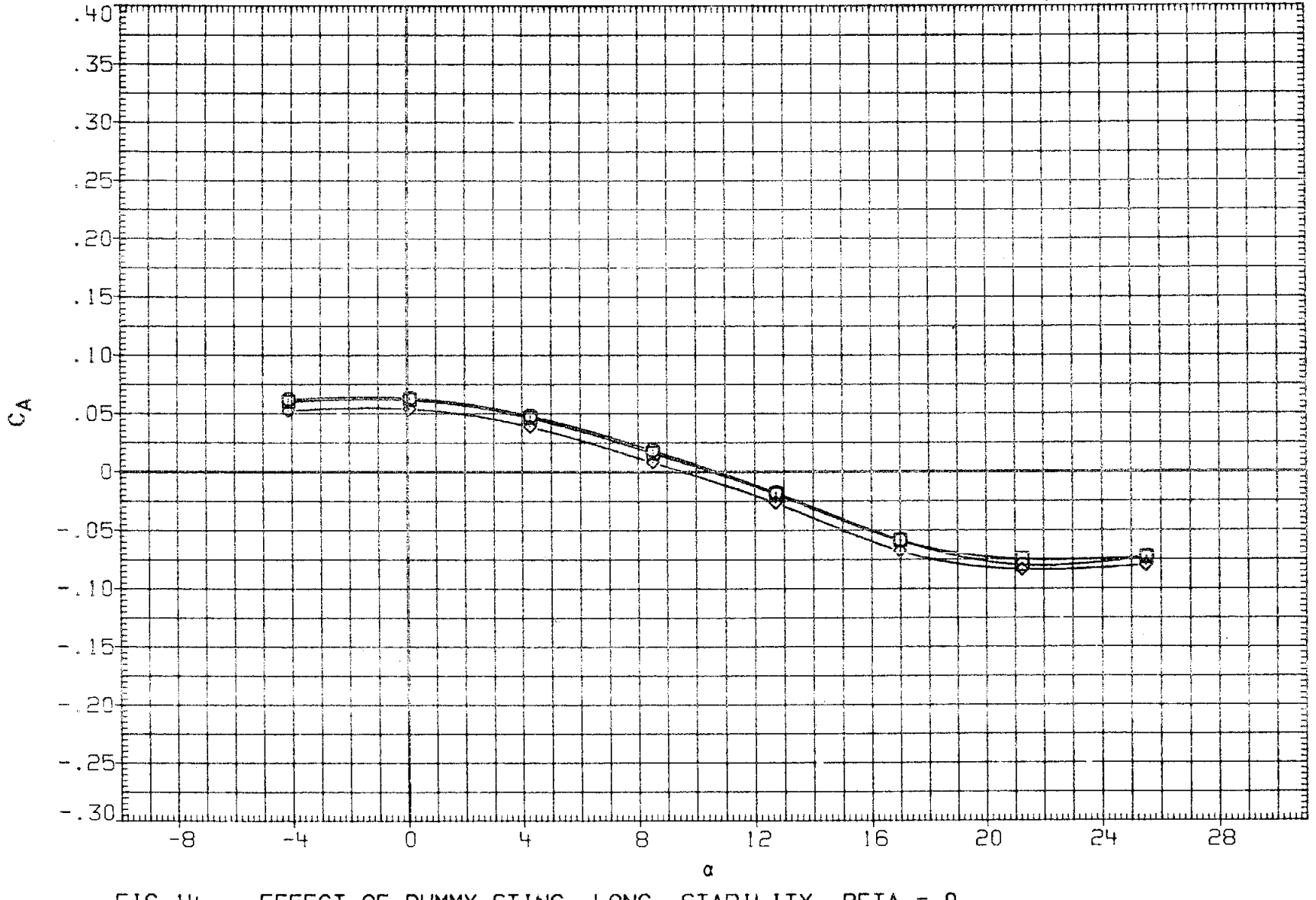

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ044	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ083	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1075.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

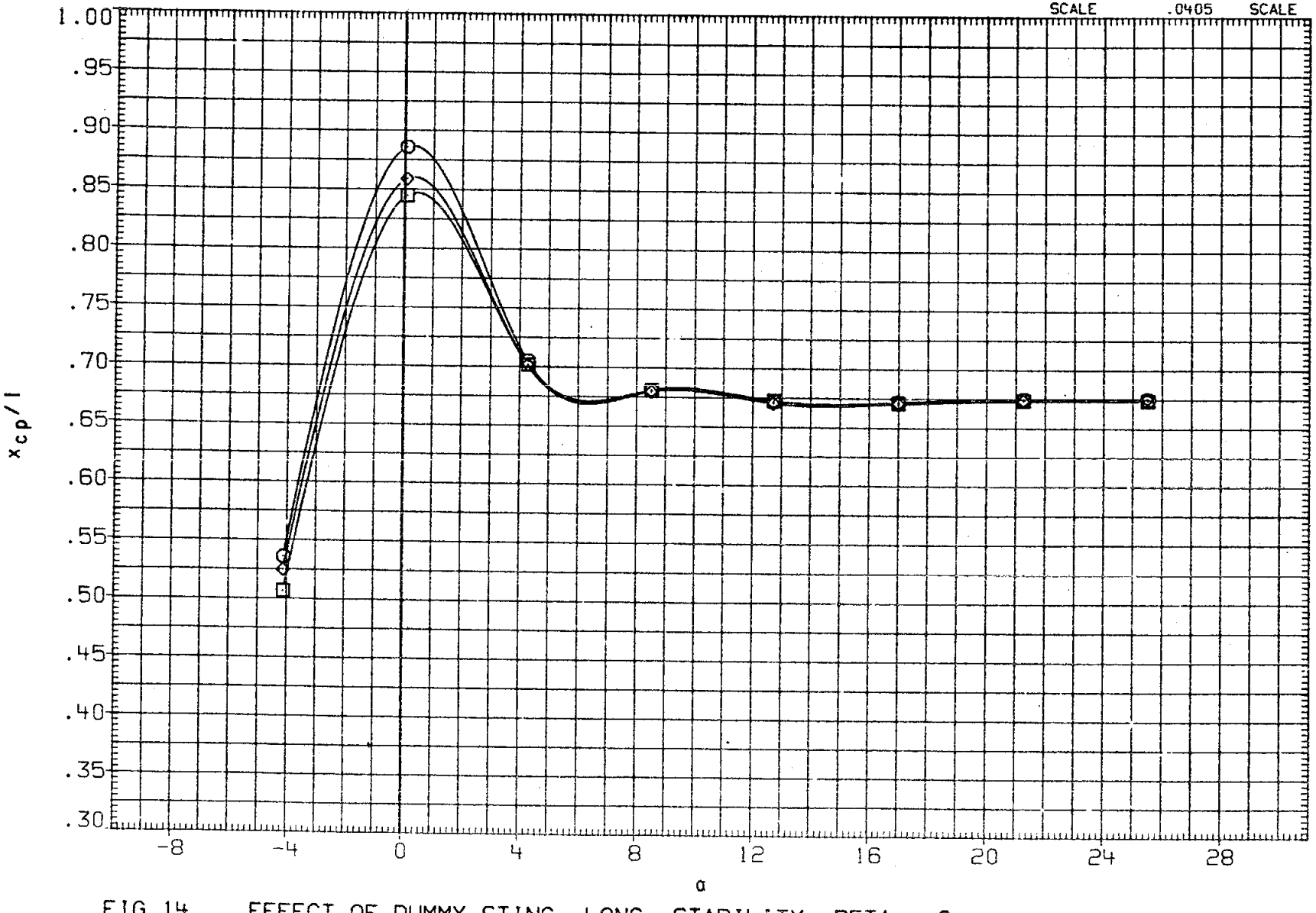

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION		SDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19XS	-11.700		.000
RFJ044	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	1.000	.000
RFJ083	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

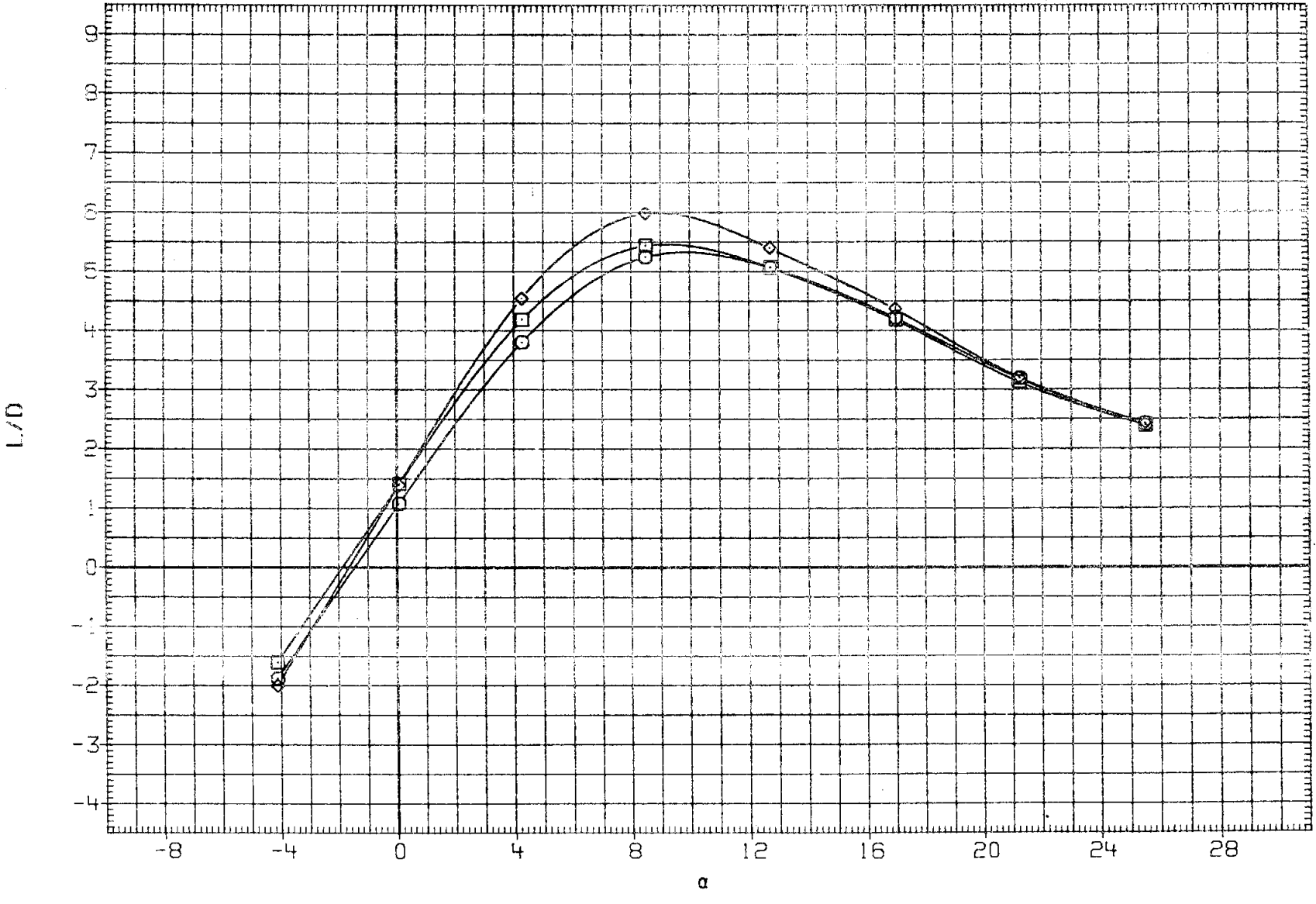

FIG 14 EFFECT OF DUMMY STING, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ045	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ035	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000
RFJ084	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

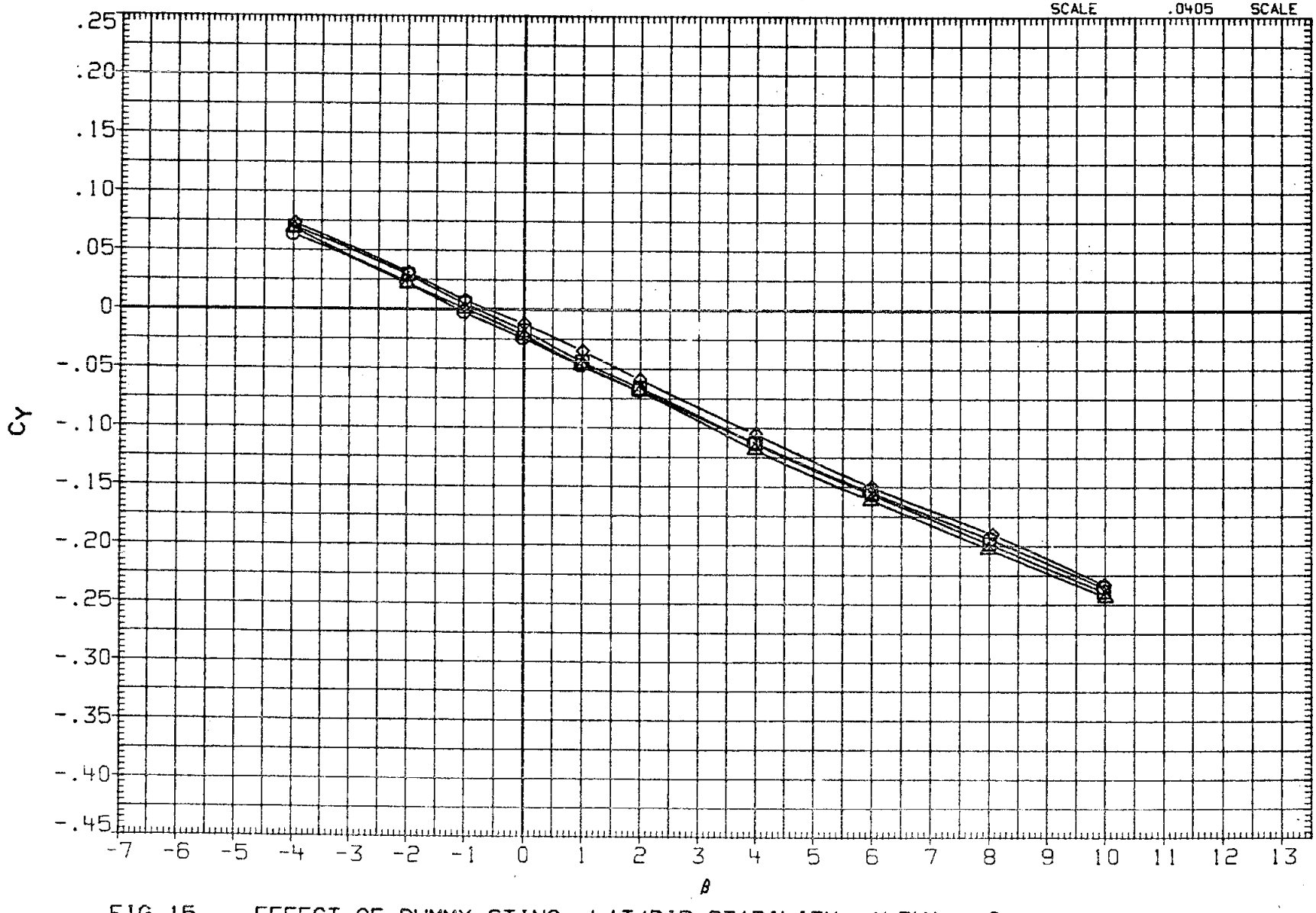

FIG 15 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ045	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ035	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000
RFJ084	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. X0
YMRP	.0000	IN. Y0
ZMRP	375.0000	IN. Z0
SCALE	.0405	SCALE

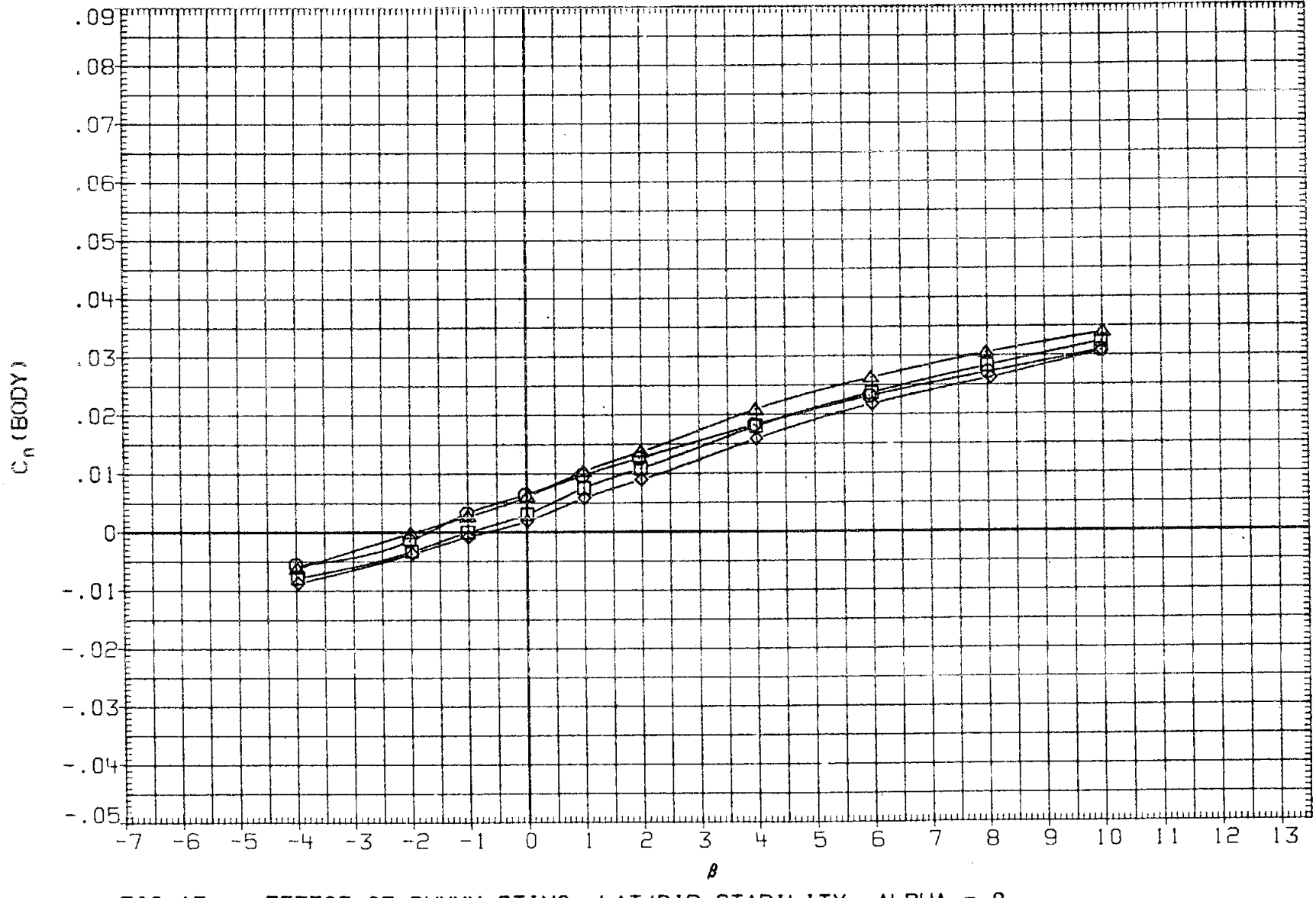

FIG 15 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ045	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	.000
RFJ035	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000
RFJ084	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

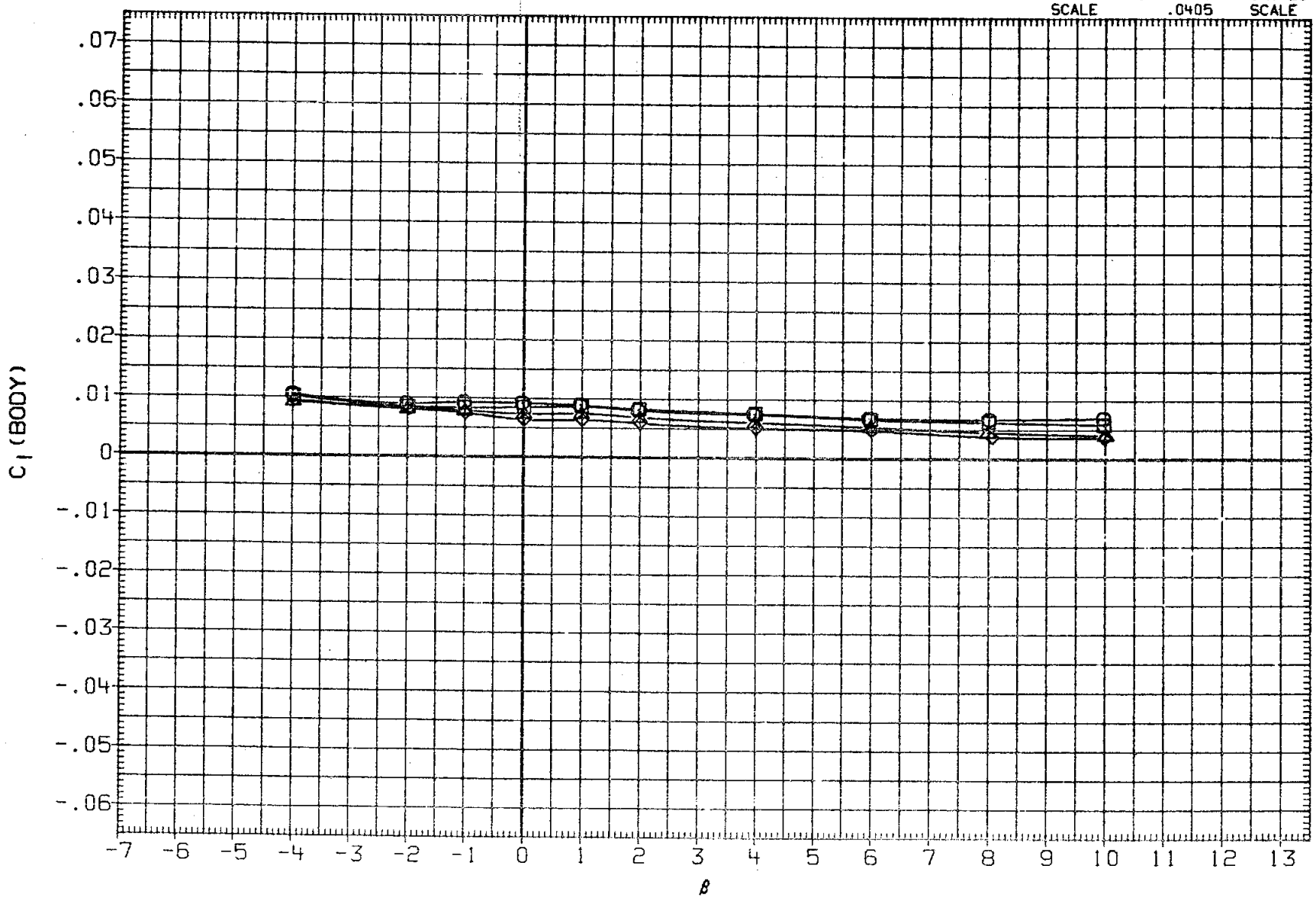

FIG 15 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ046	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	5.000
RFJ036	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000
RFJ085	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

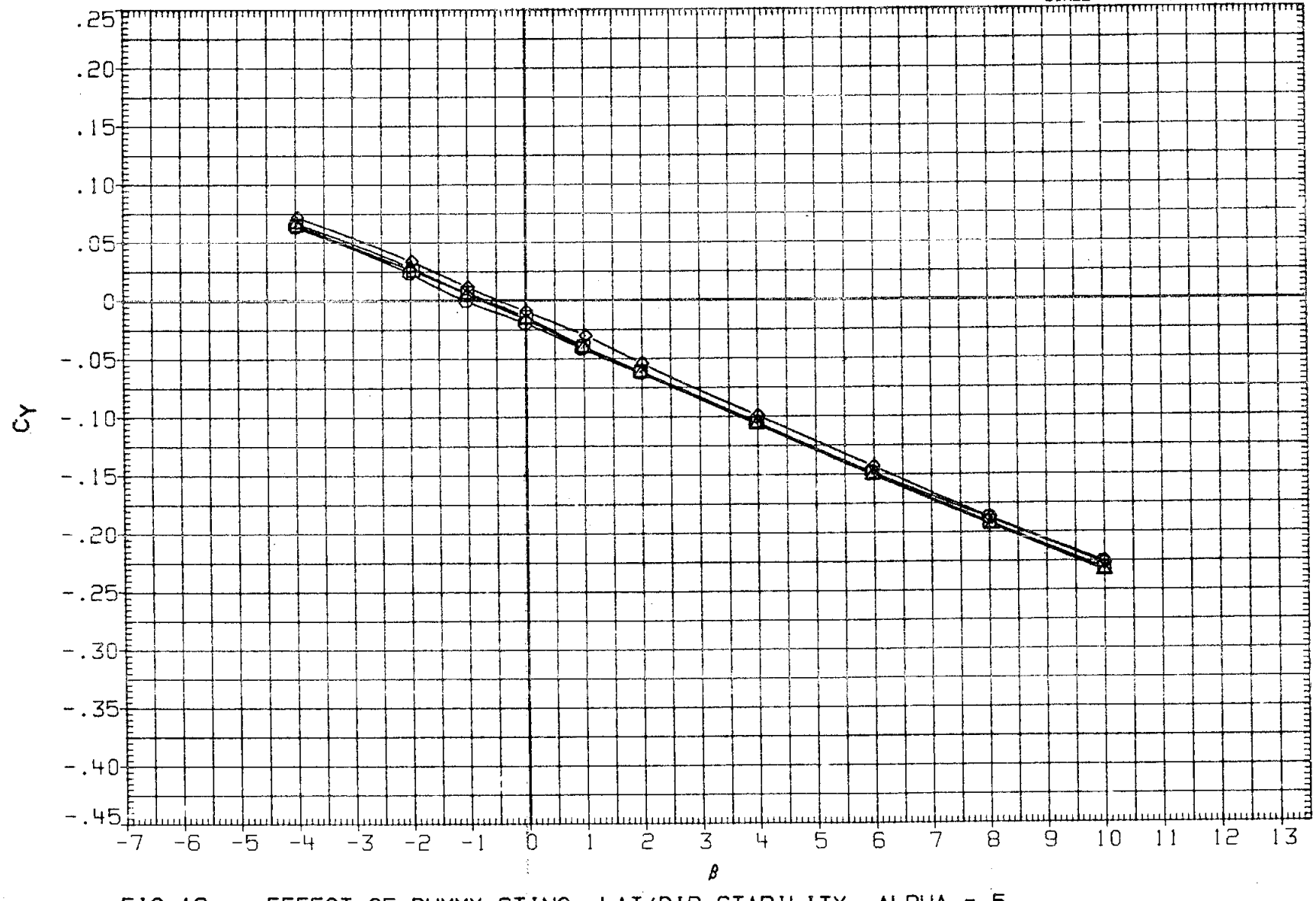

FIG 16 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ046	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	5.000
RFJ036	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000
RFJ085	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

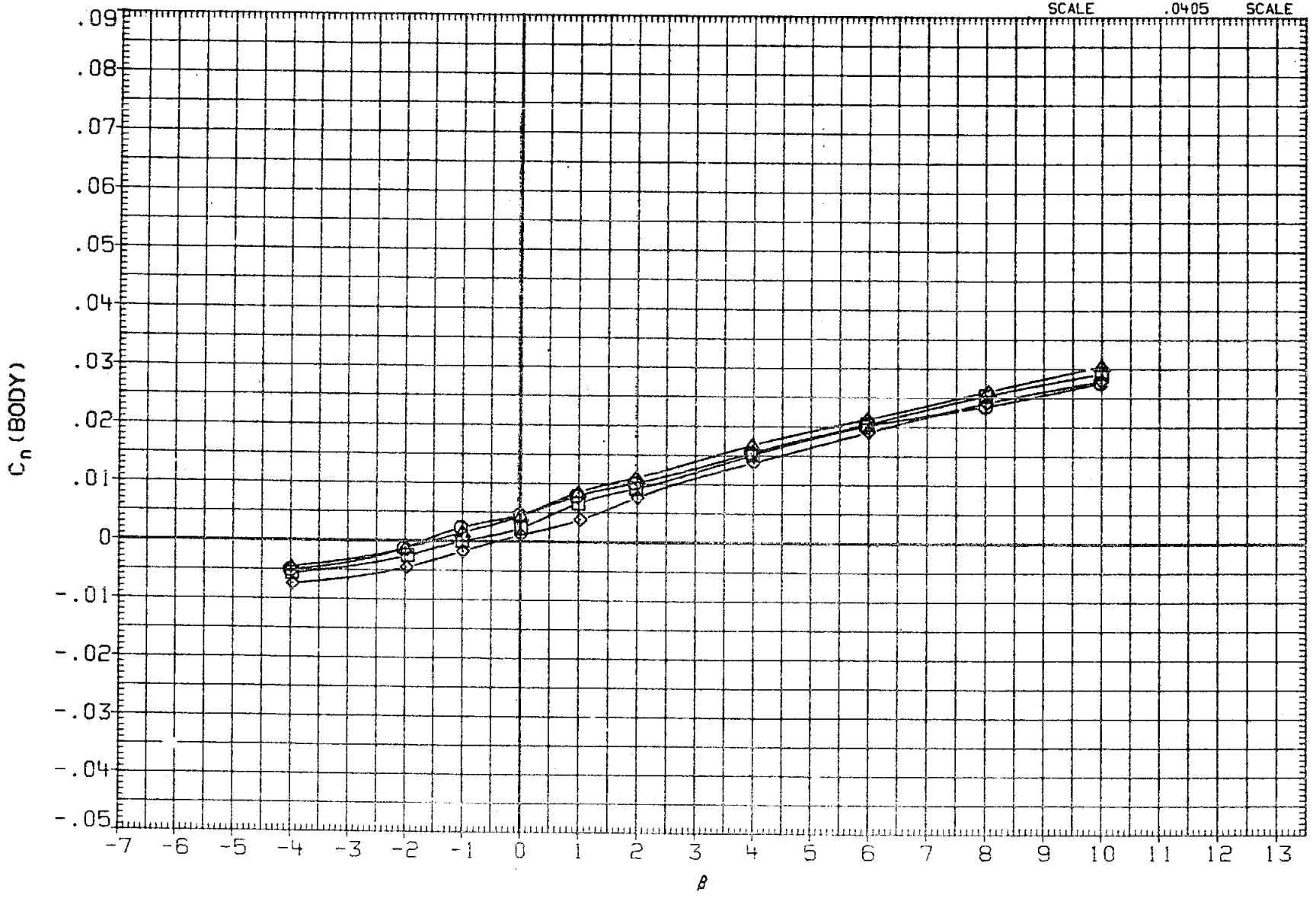

FIG 16 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ046	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	5.000
RFJ036	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000
RFJ085	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

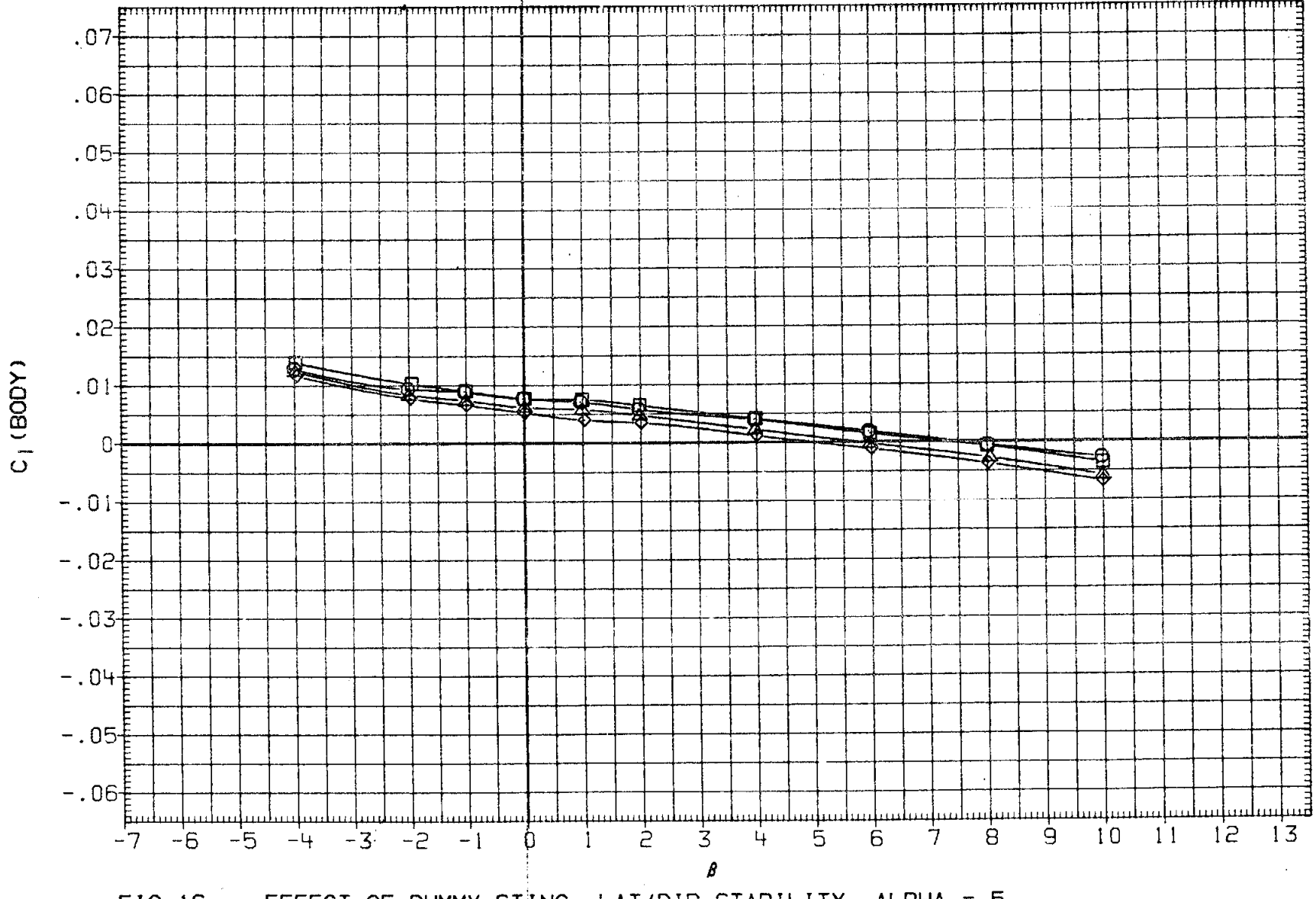

FIG 16 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PRIMI6N28WI16E43F8V8R5TC19X9	-11.700		10.000
RFJ047	□	0A176	B26C9PRIMI6N28WI16E43F8V8R5TC19X9	-11.700	4.000	10.000
RFJ041	◇	0A176	B26C9PRIMI6N28WI16E43F8V8R5TC23X9	-11.700	1.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

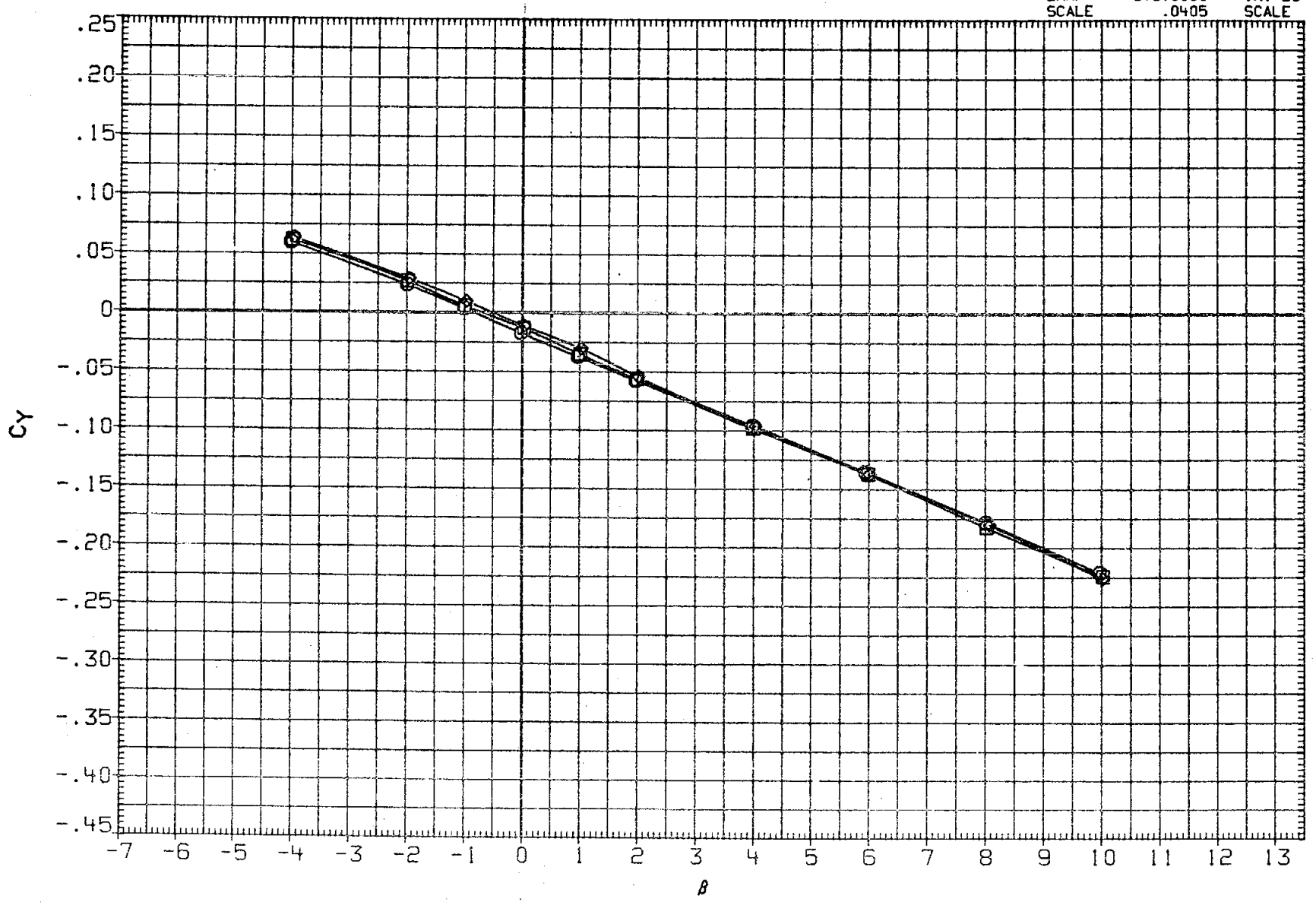

FIG 17 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ047	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	10.000
RFJ041	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

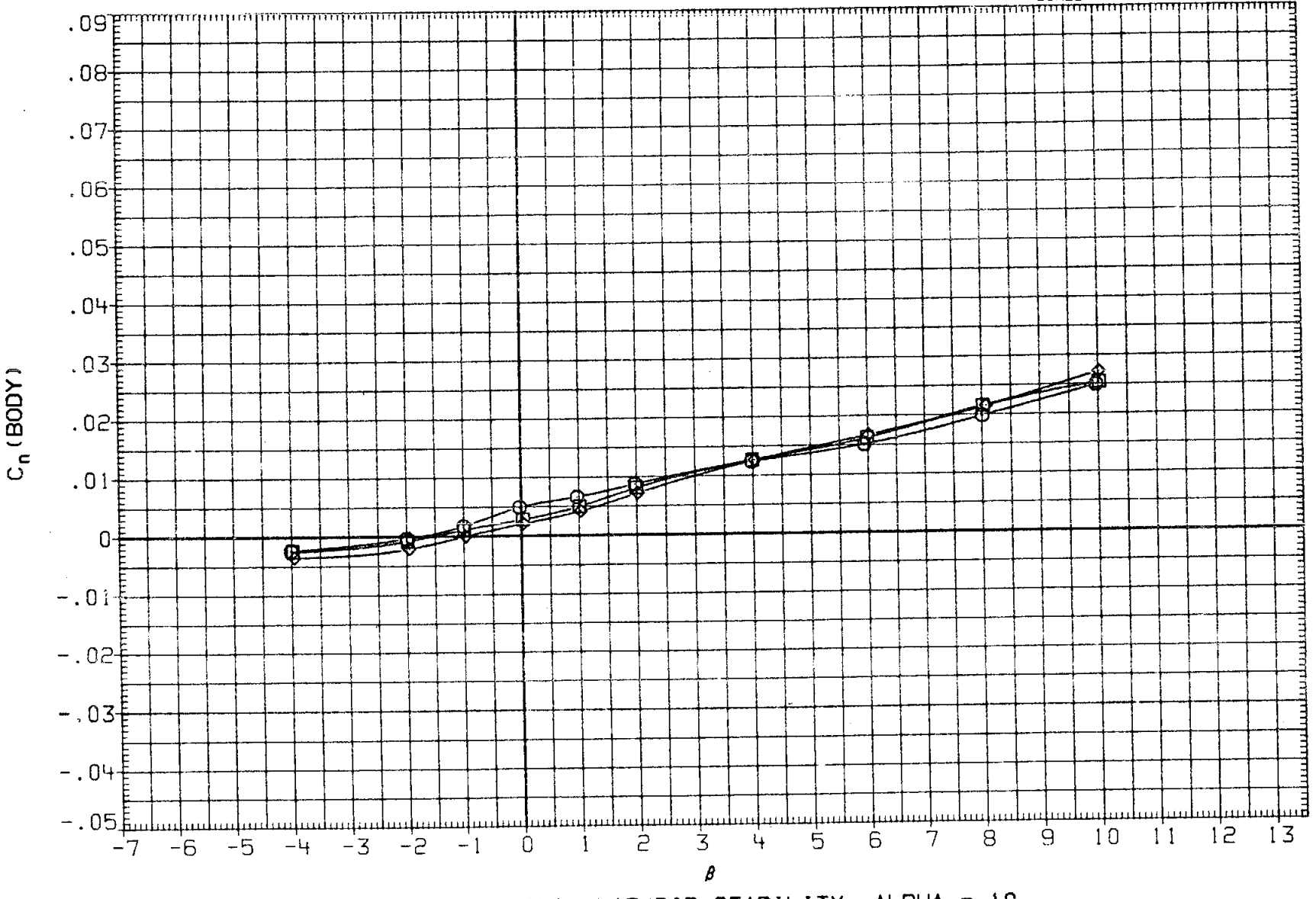

FIG 17 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 10

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ047	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	10.000
RFJ041	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

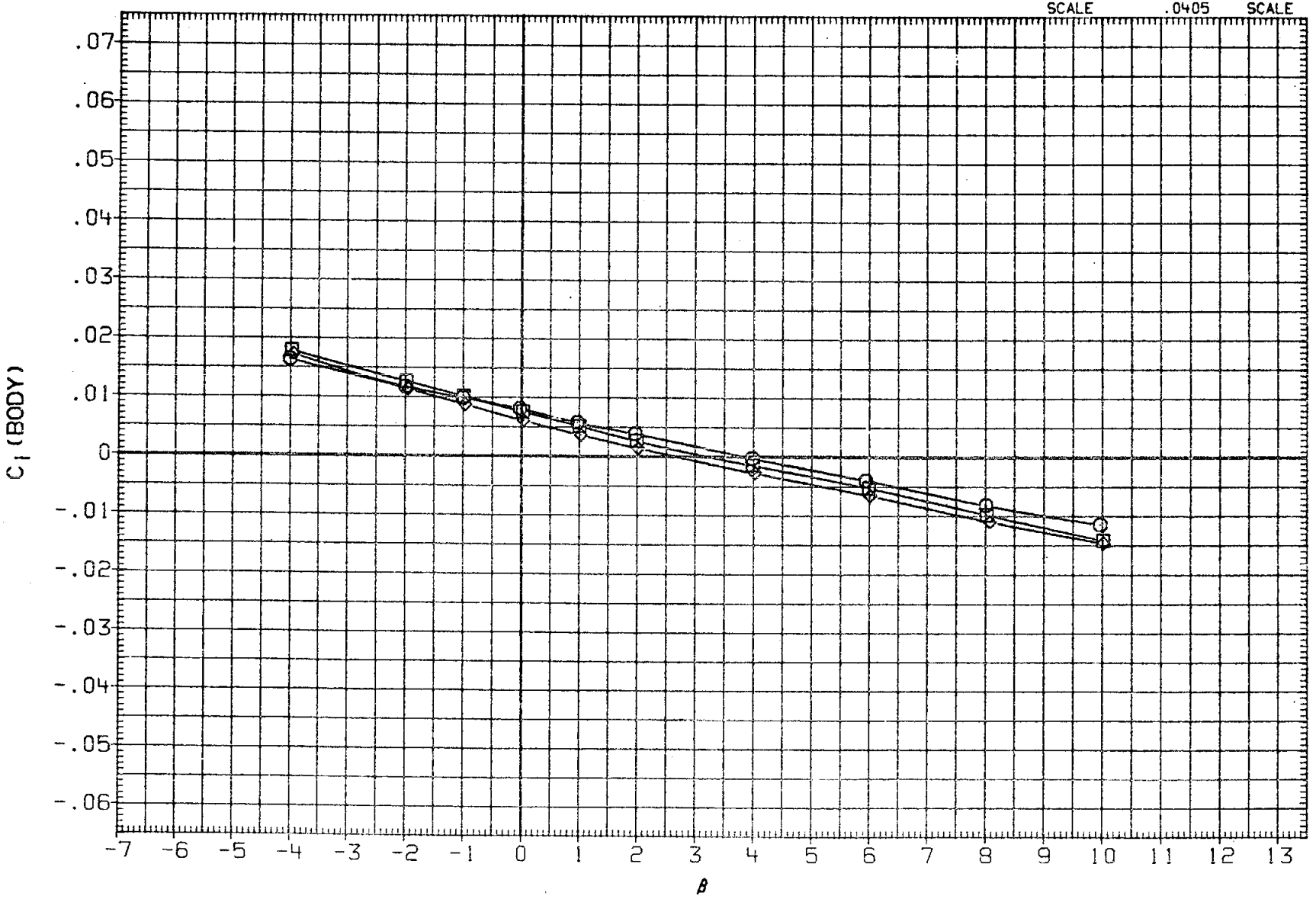

FIG 17 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 10

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ048	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ040	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

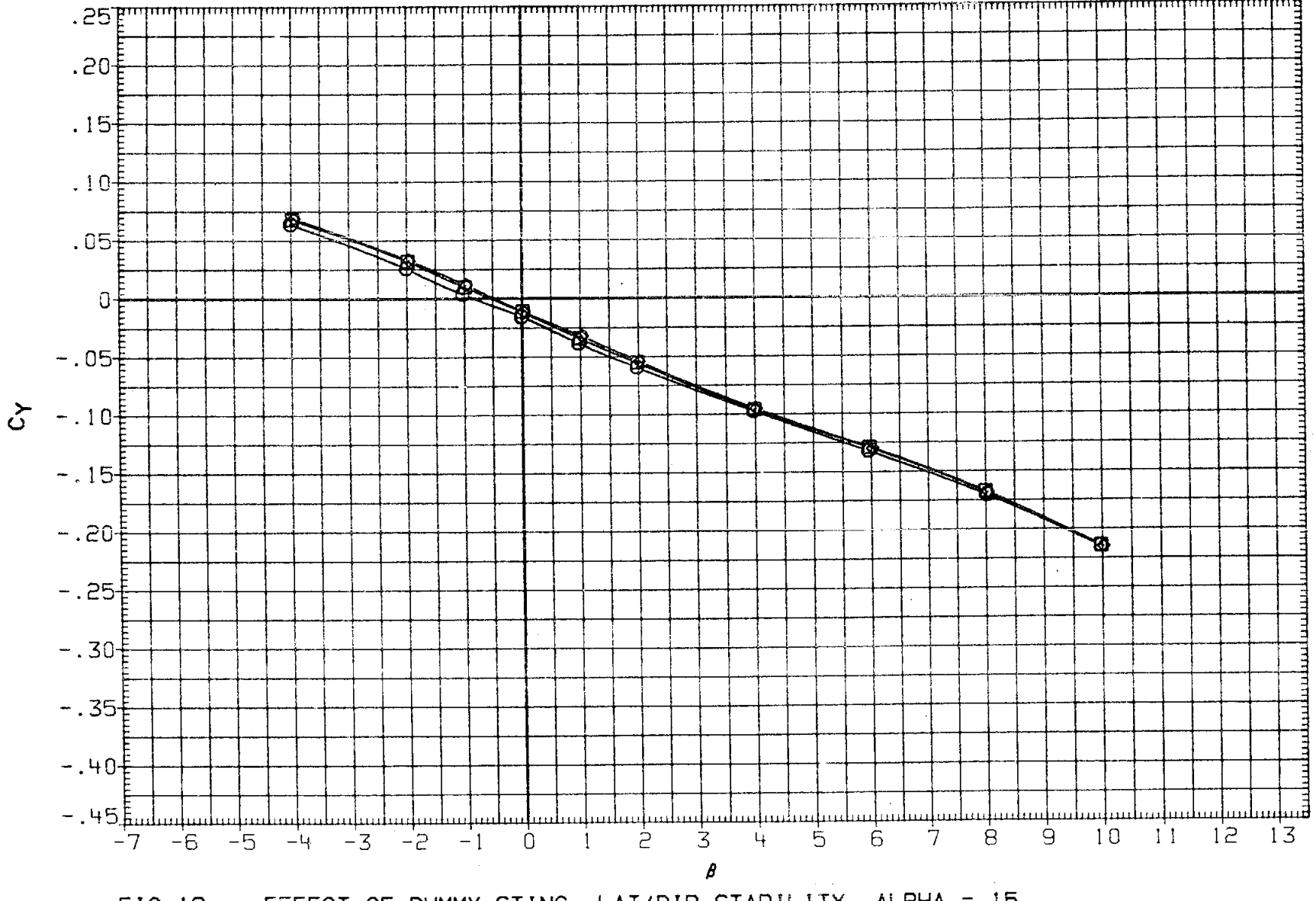

FIG 18 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ048	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ040	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	15.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

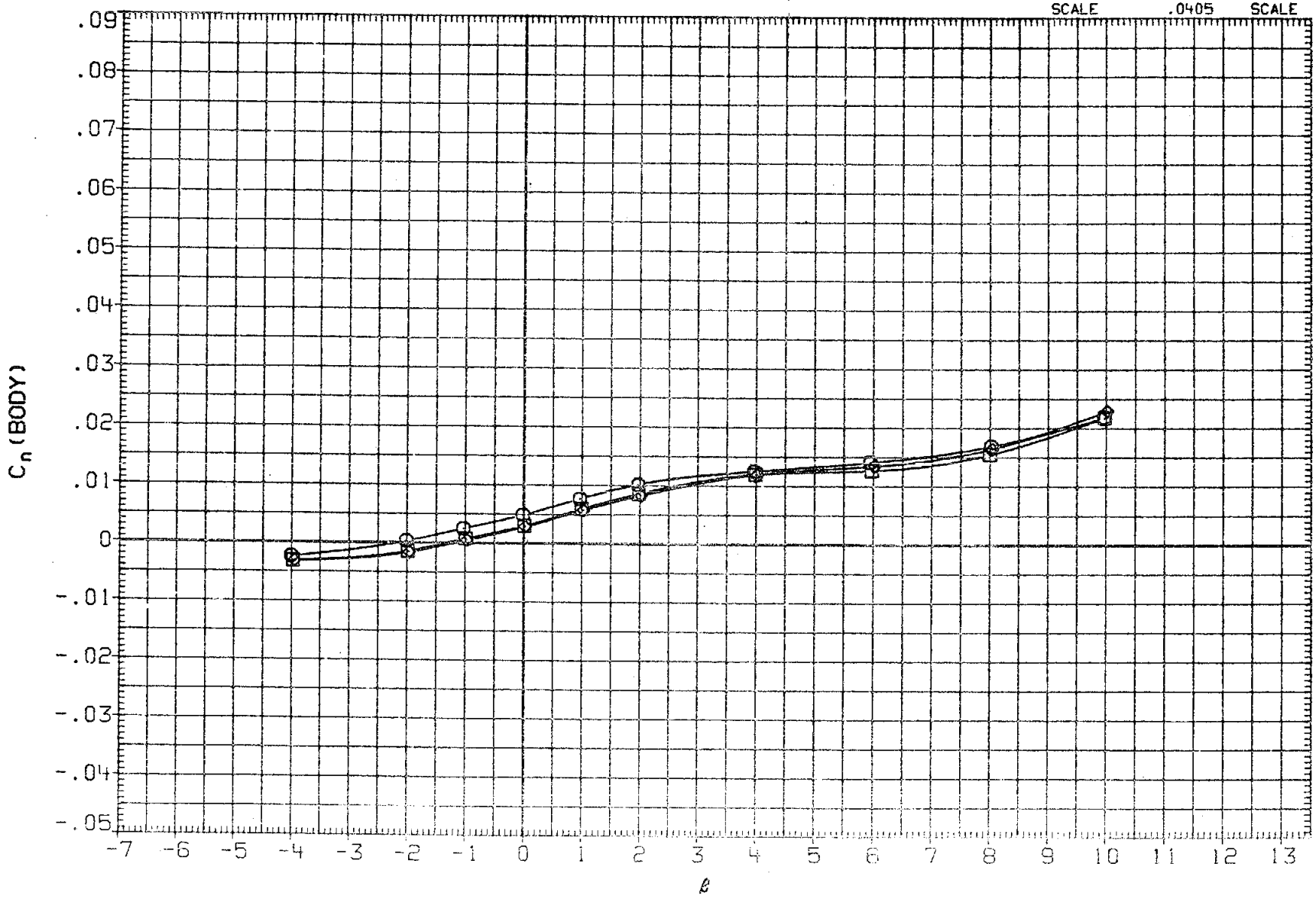

FIG 18 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPH/
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ048	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ040	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	15.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

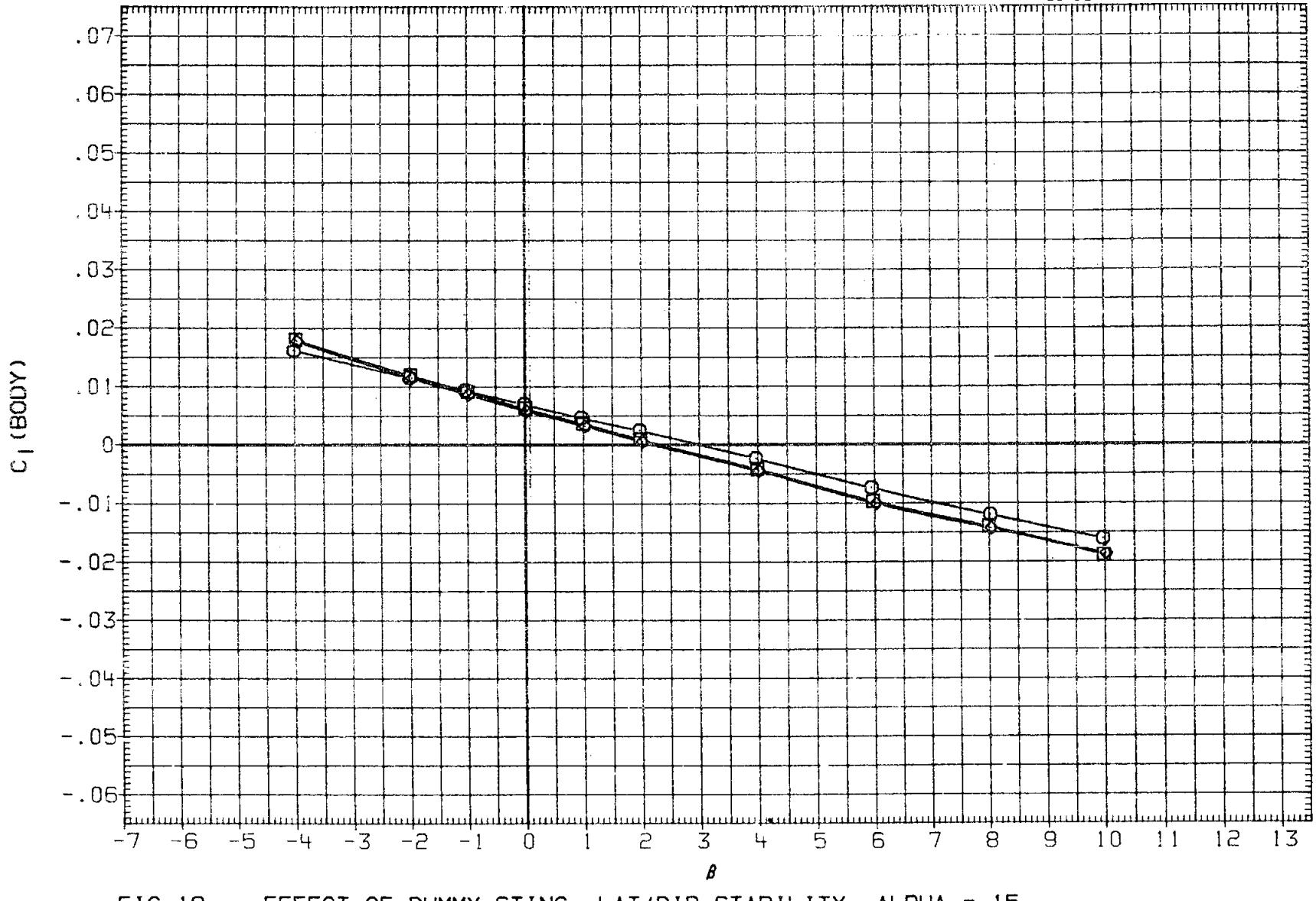

FIG 18 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 15

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ049	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	20.000
RFJ039	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

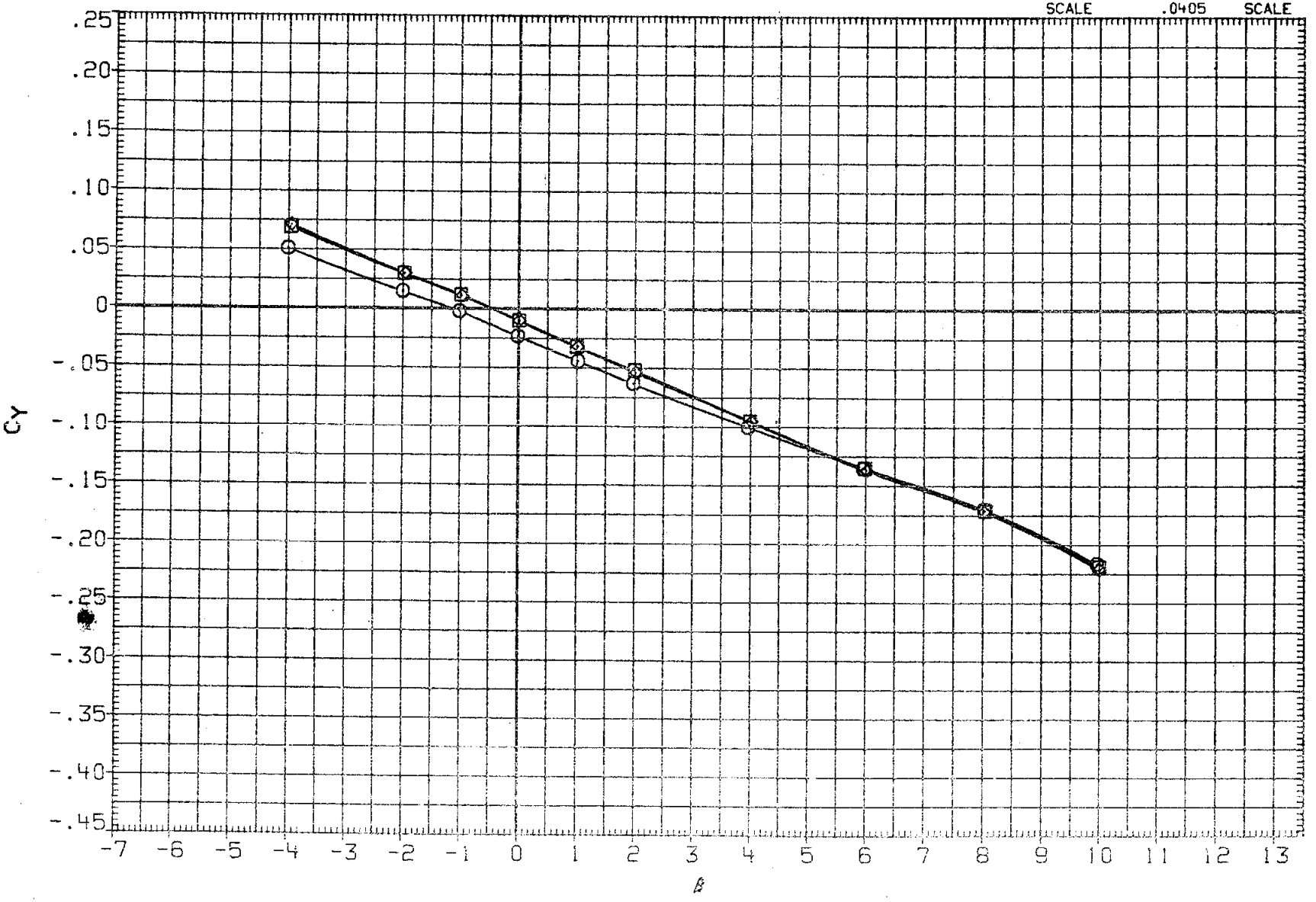

FIG 19 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ049	□	OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	20.000
RFJ039	◇	OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

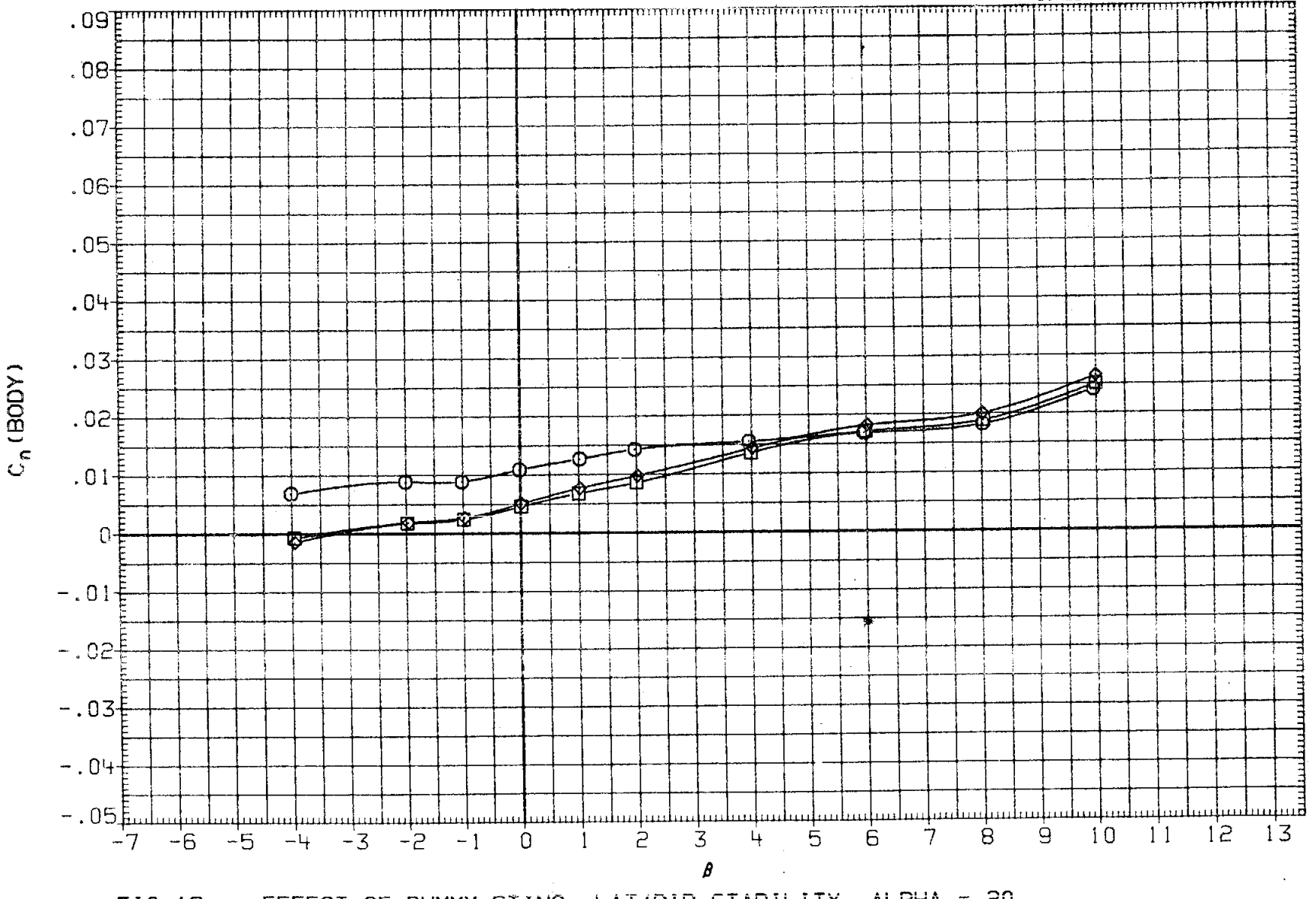

FIG 19 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ049	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	20.000
RFJ039	◇	0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	1.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

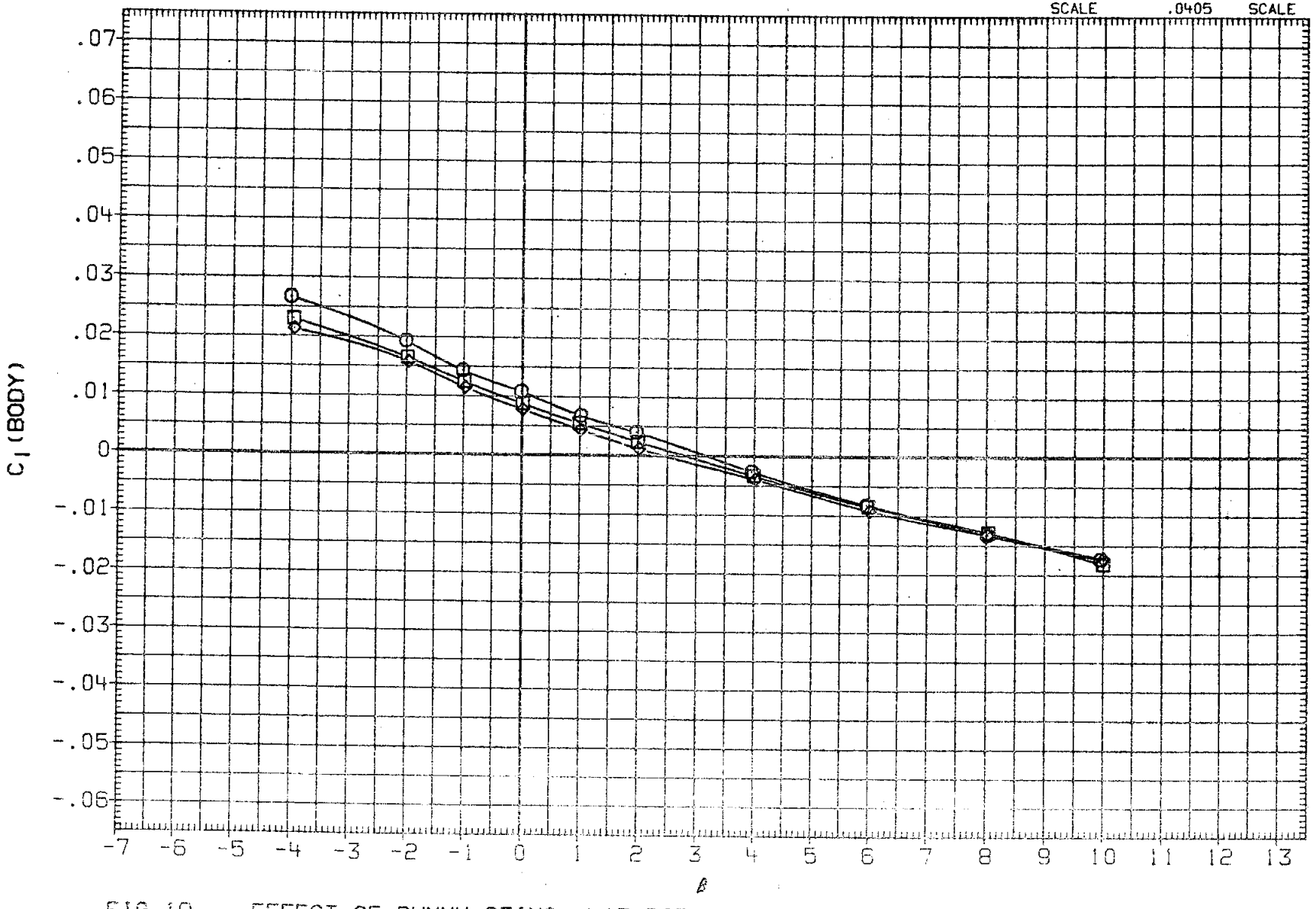

FIG 19 EFFECT OF DUMMY STING, LAT/DIR STABILITY, ALPHA = 20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ051	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ027	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

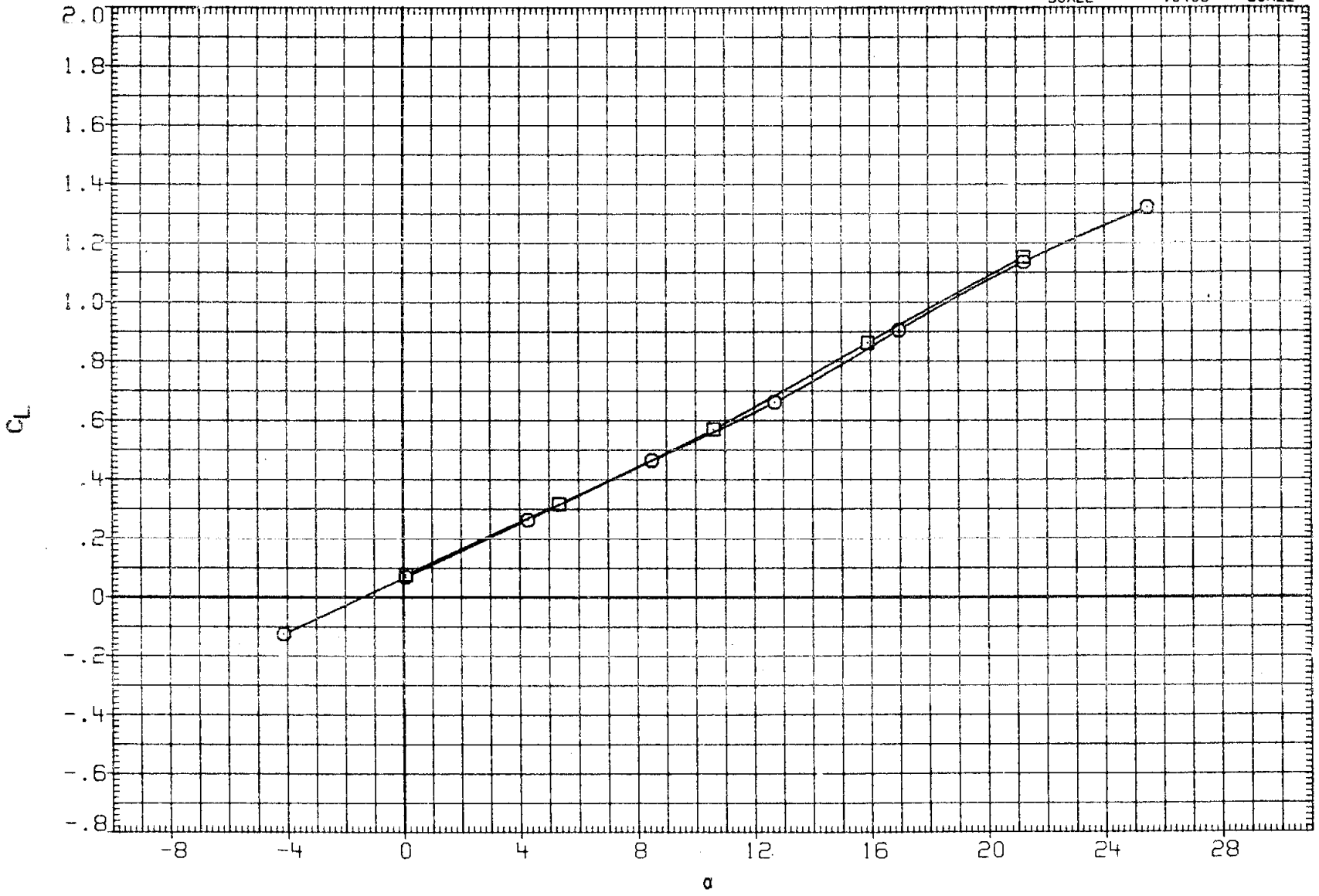

FIG 20 EFFECT OF VERTICAL TAIL, LONG. STABILITY, STRUT IN, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ051	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ027	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

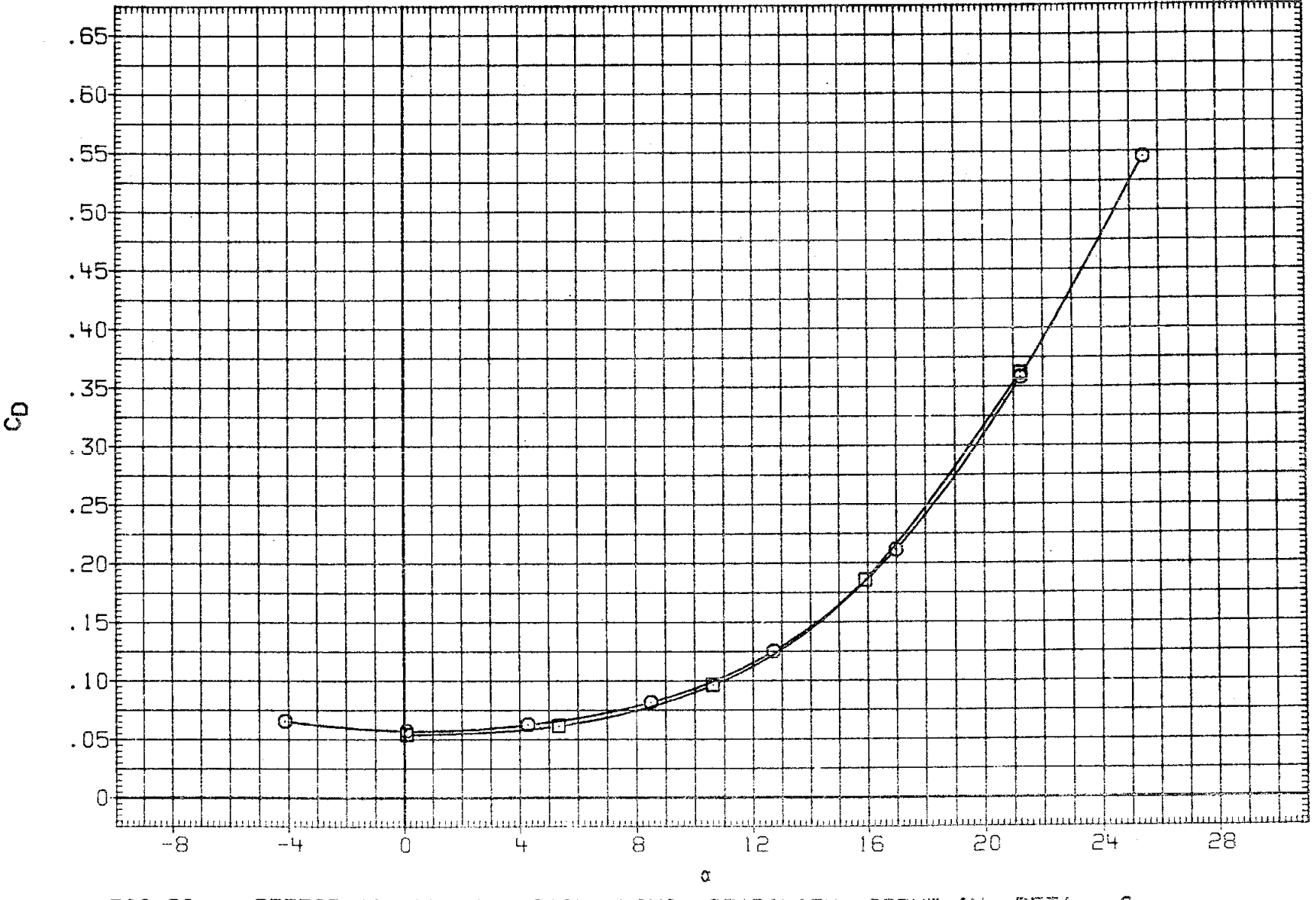

FIG 20 EFFECT OF VERTICAL TAIL, LONG. STABILITY, STRUT IN, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BOFLAP	STR	BETA
RFJ051	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ027	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

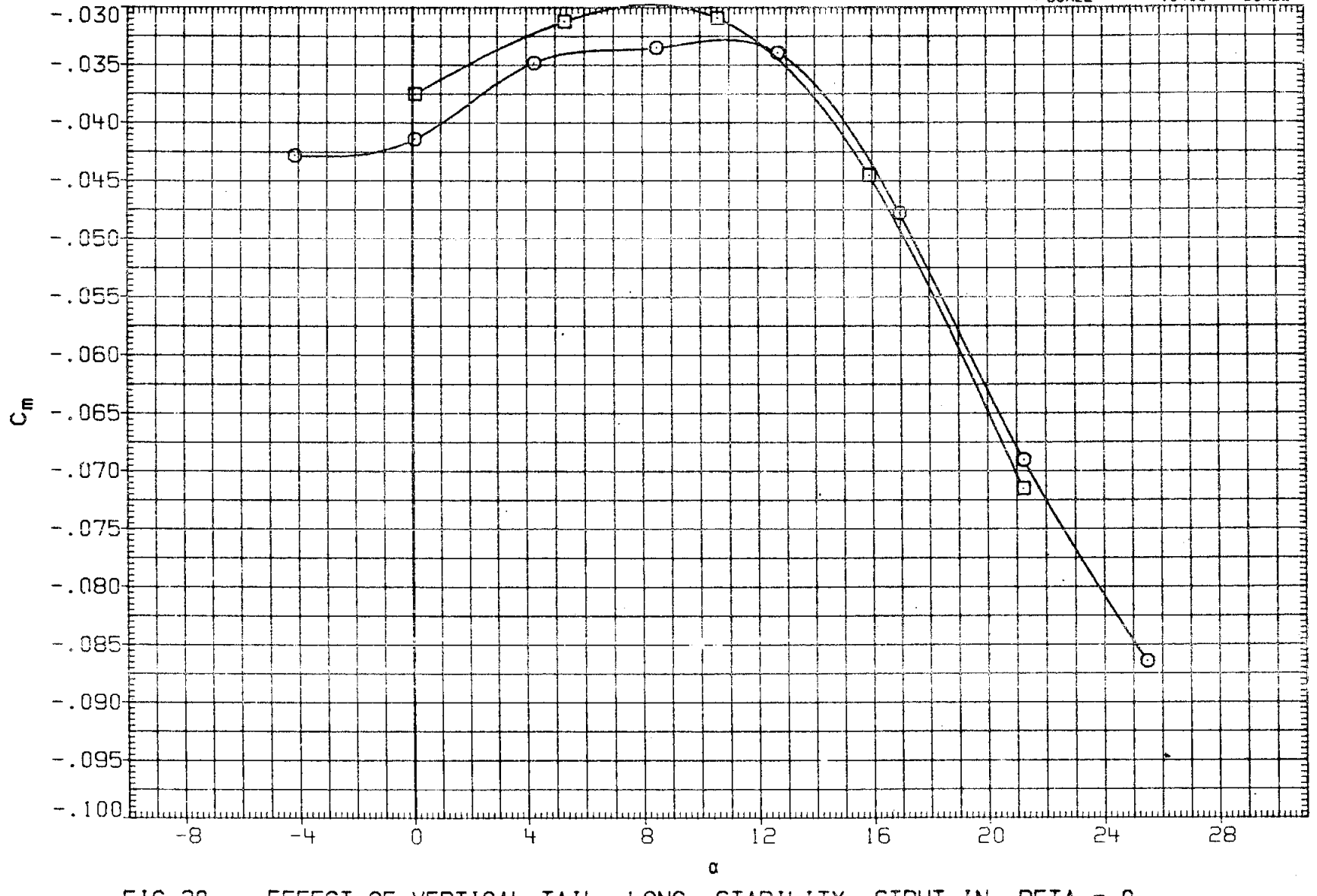

FIG 20 EFFECT OF VERTICAL TAIL, LONG. STABILITY, STRUT IN, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	BETA
RFJ051	○	0A176 B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ027	□	0A176 B26C9PRIM16N28WI16E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

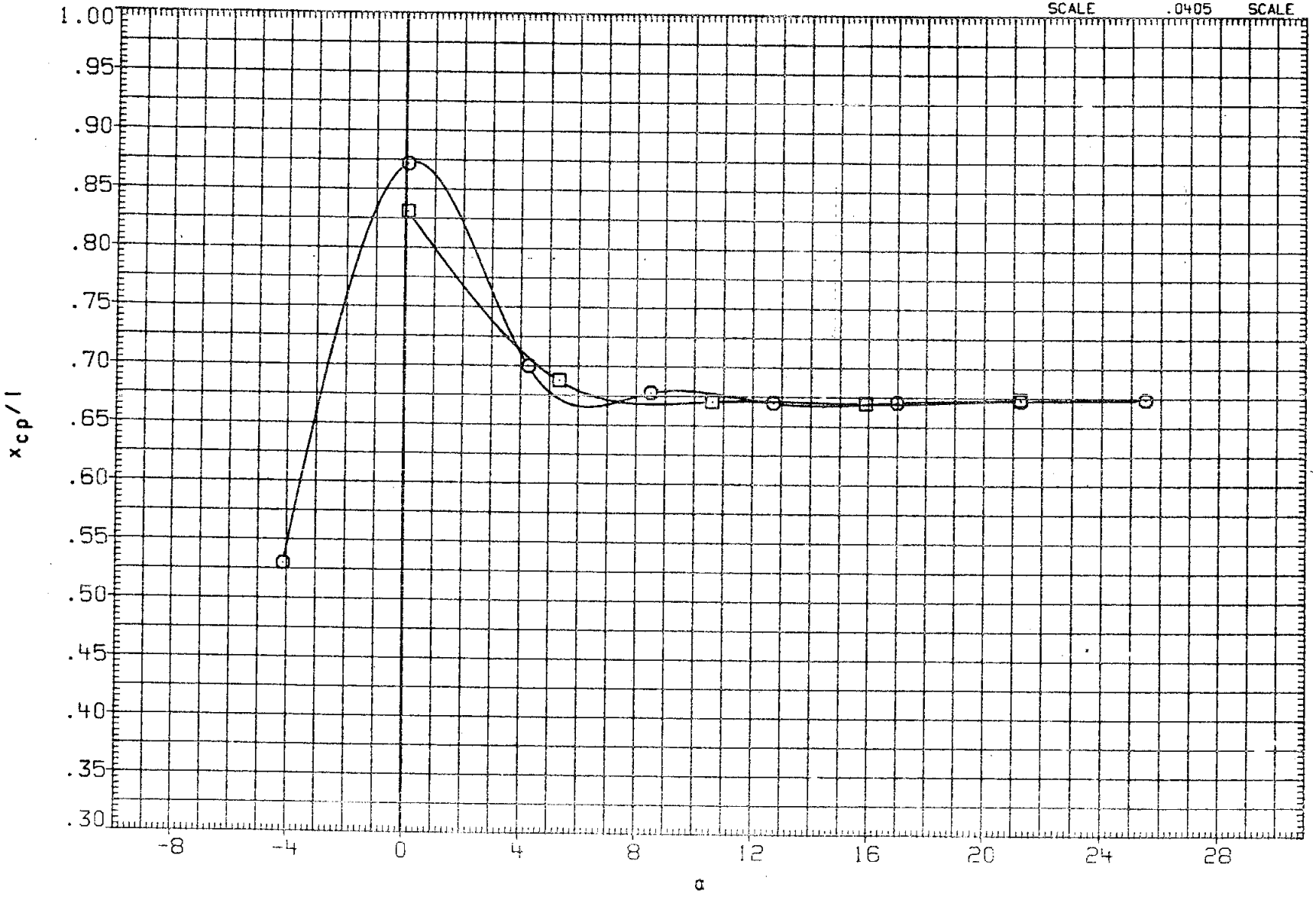

FIG 20 EFFECT OF VERTICAL TAIL, LONG. STABILITY, STRUT IN, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ051	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ027	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

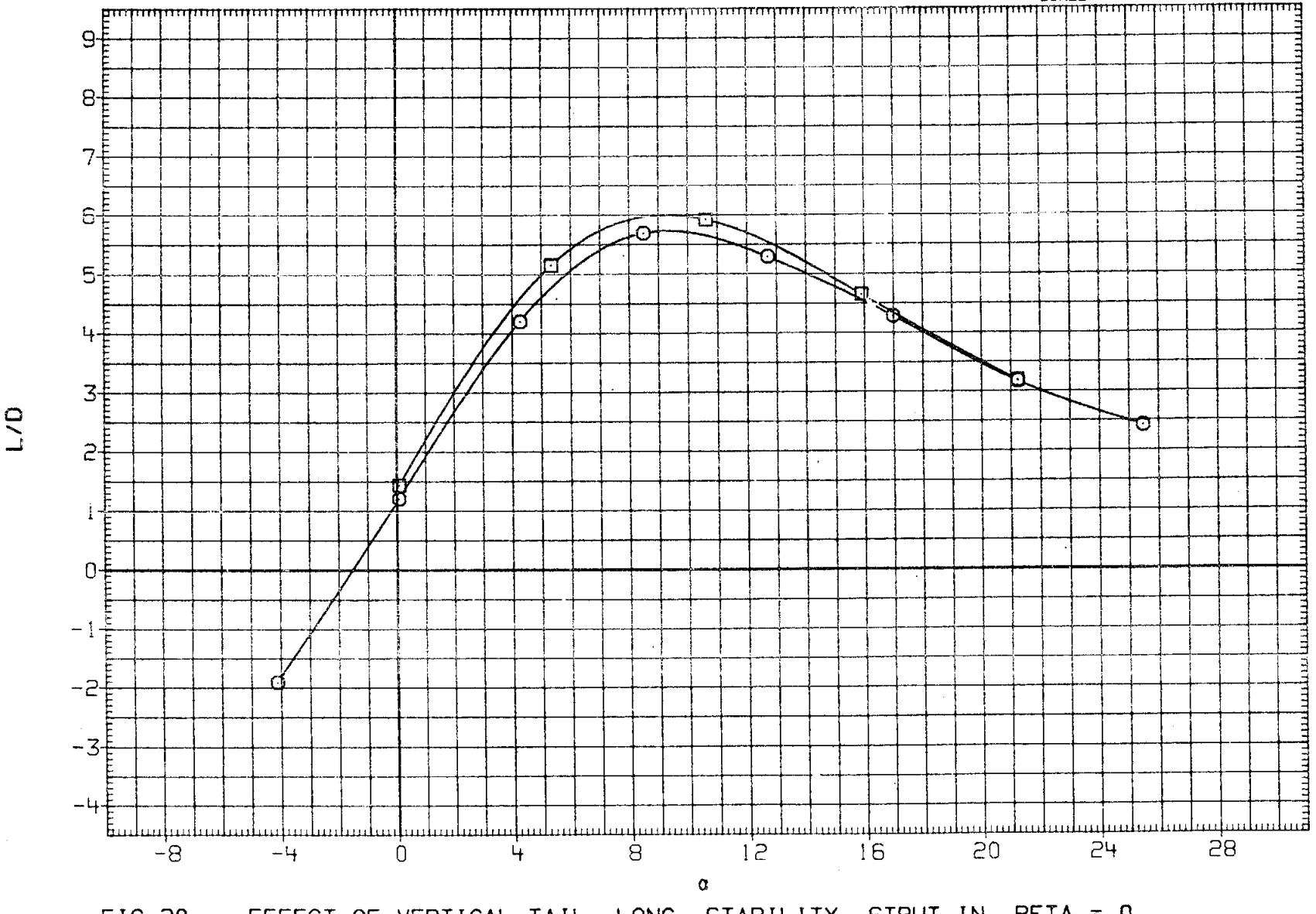

FIG 20 EFFECT OF VERTICAL TAIL, LONG. STABILITY, STRUT IN, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ052	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ025	□	0A176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

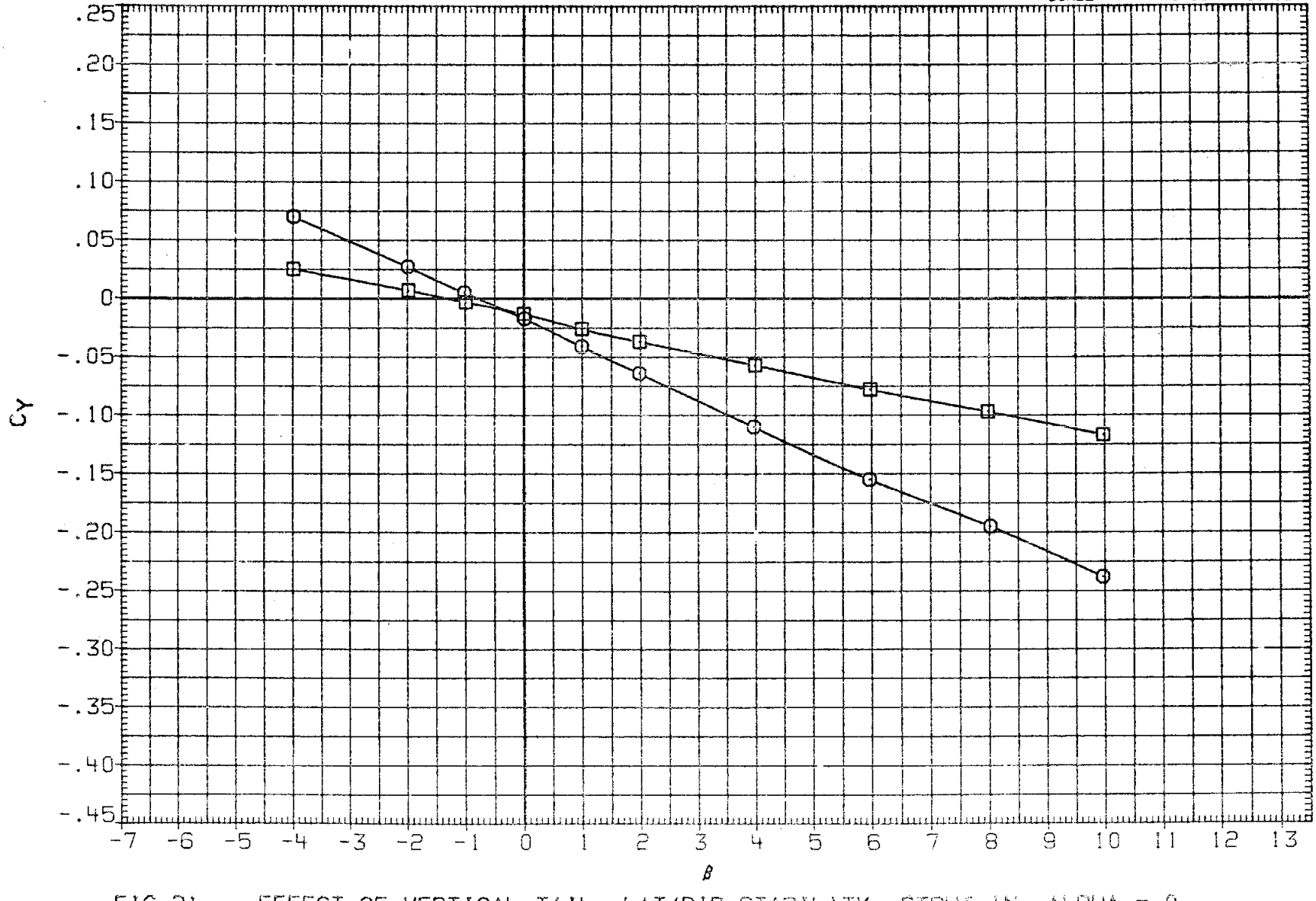

FIG 21 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIH	ALPHA
RFJ052	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ025	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

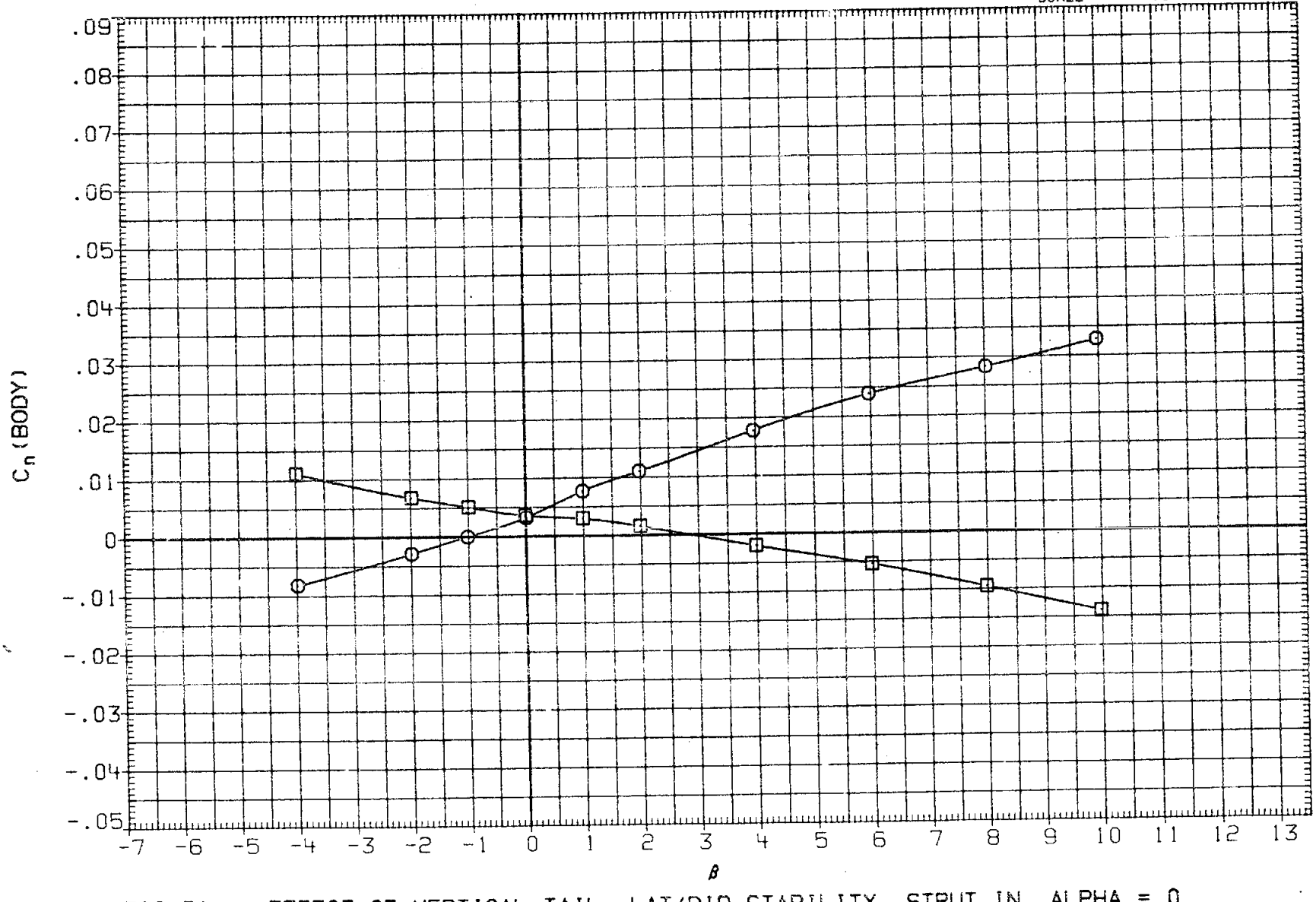

FIG 21 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ052	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ025	□	0A176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	5.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

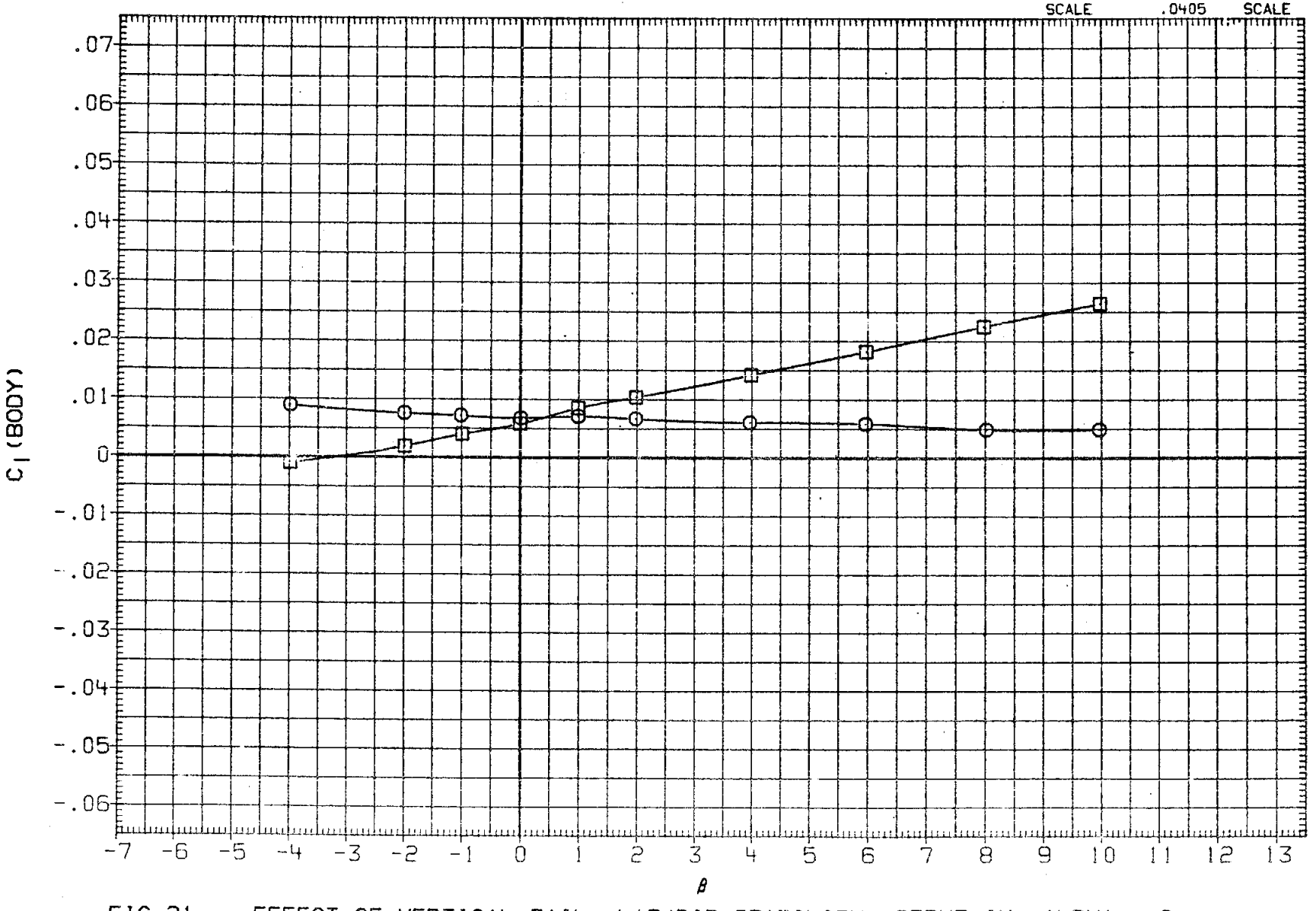

FIG 21 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ053	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	5.000
RFJ026	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

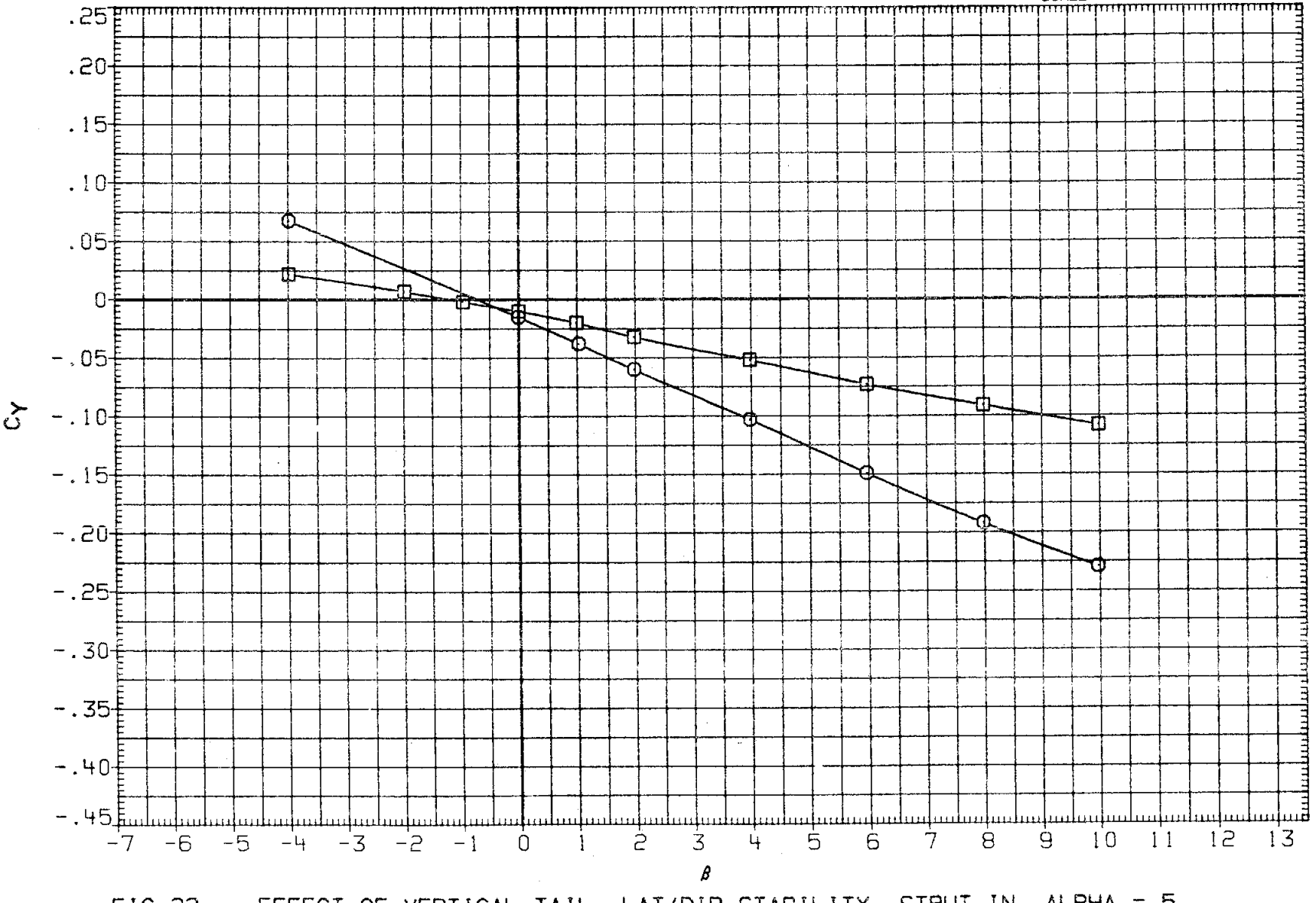

FIG 22 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ053	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	5.000
RFJ026	□	0A176 B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

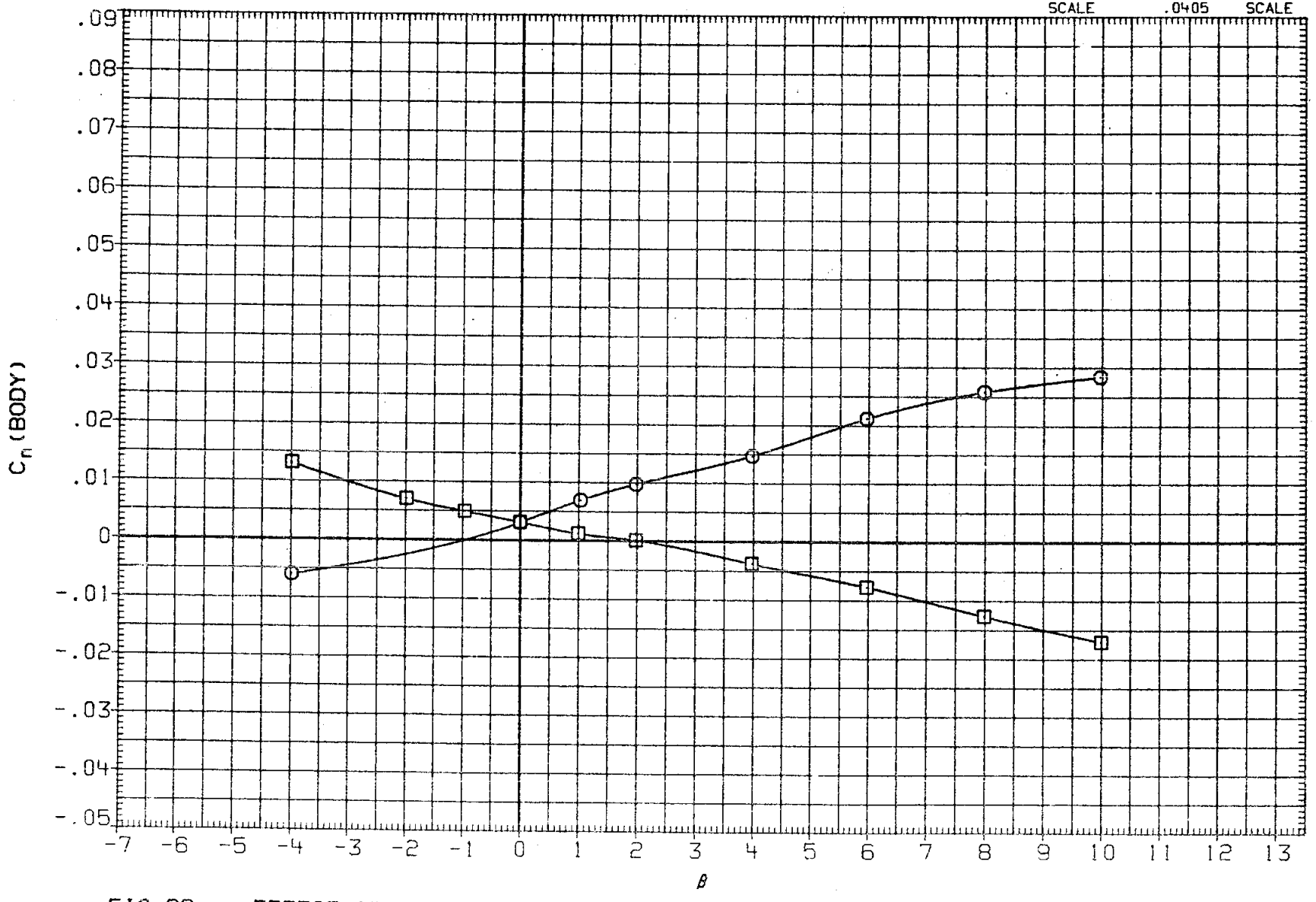

FIG 22 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ053	○	0A176	B26C9PR1M16N28W116E43F8VBR5TC19X9	-11.700	5.000	5.000
RFJ028	□	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	5.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

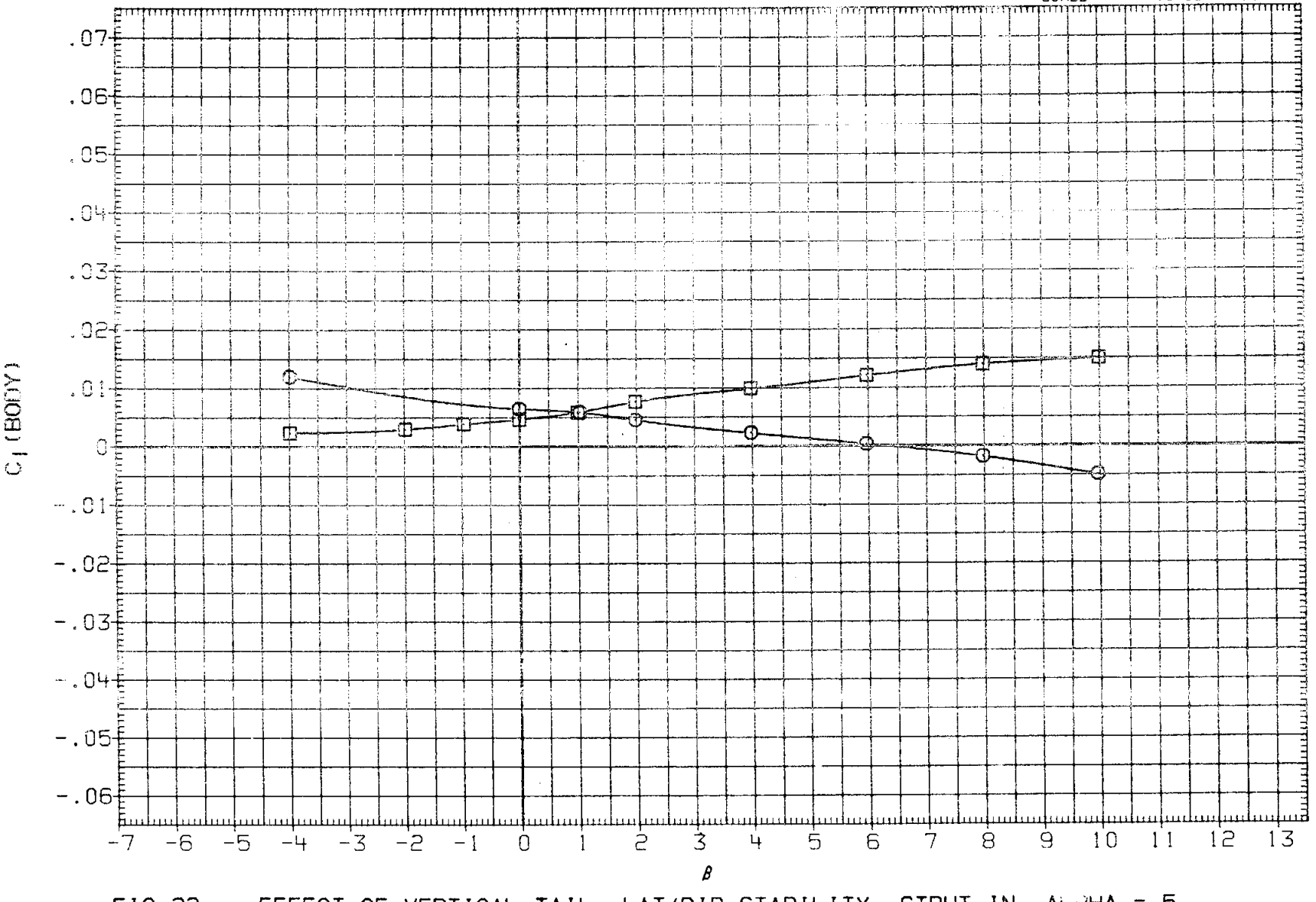

FIG 22 EFFECT OF VERTICAL TAIL, LAT/DIR STABILITY, STRUT IN, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ052	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ030	◇	OA176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

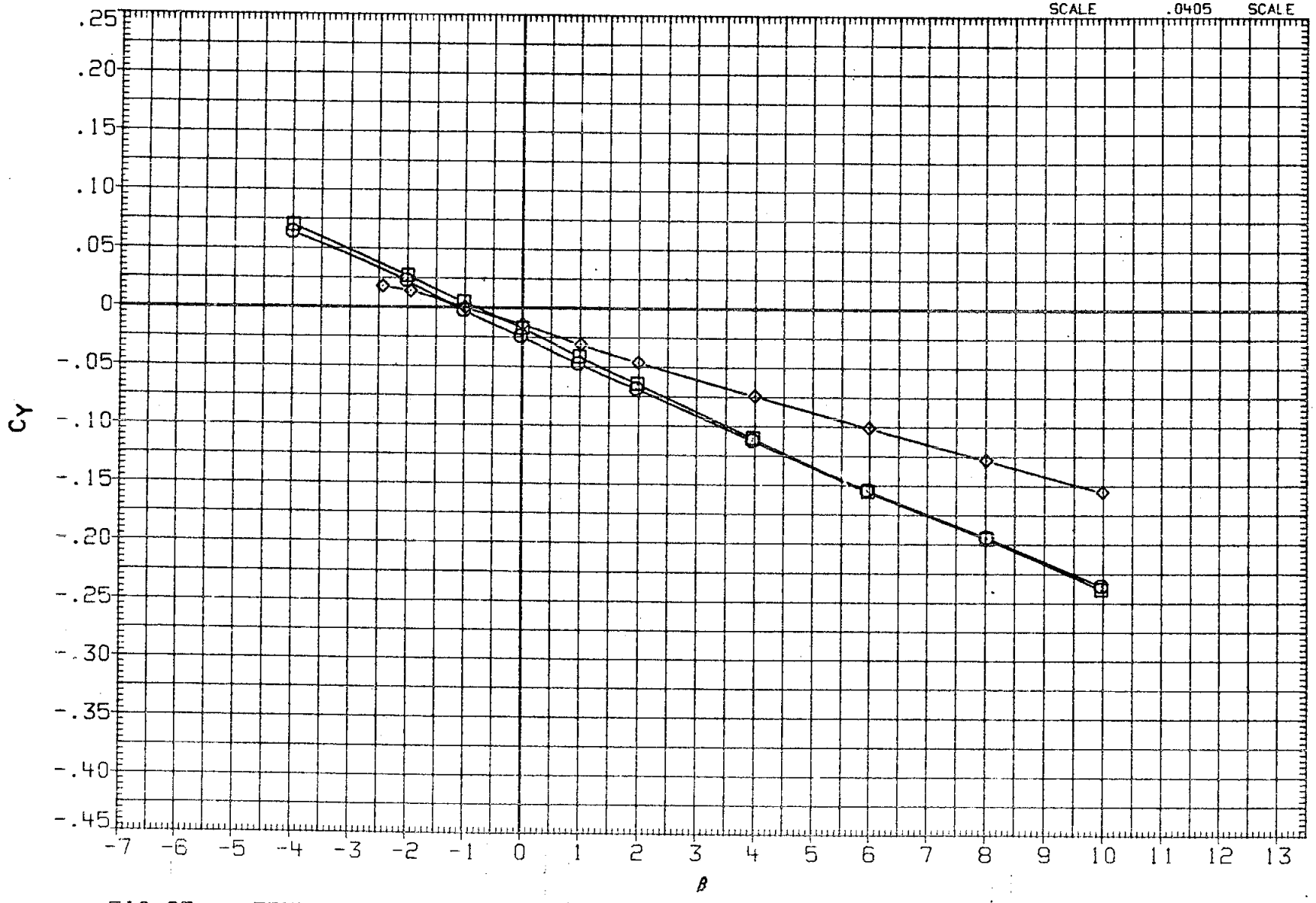

FIG 23 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION		DEFLAP	SYM	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19XS		-11.700		.000
RFJ052	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19XS		-11.700	R.000	.000
RFJ030	◇	0A176	B26C9PRIM16N28W116E43F8	TC19XS	-11.700	R.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
CREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

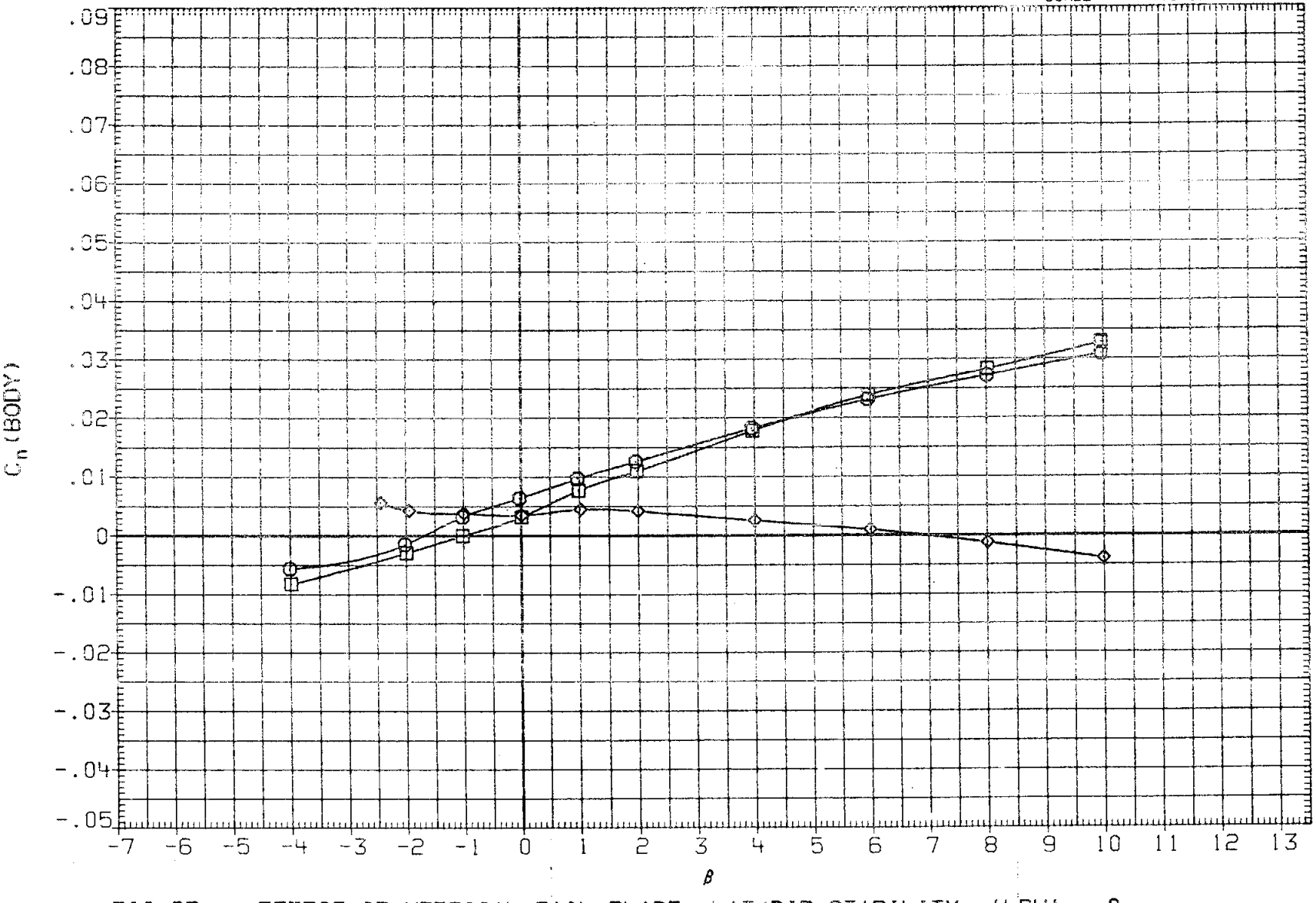

FIG 23 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BOFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ052	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	.000
RFJ030	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

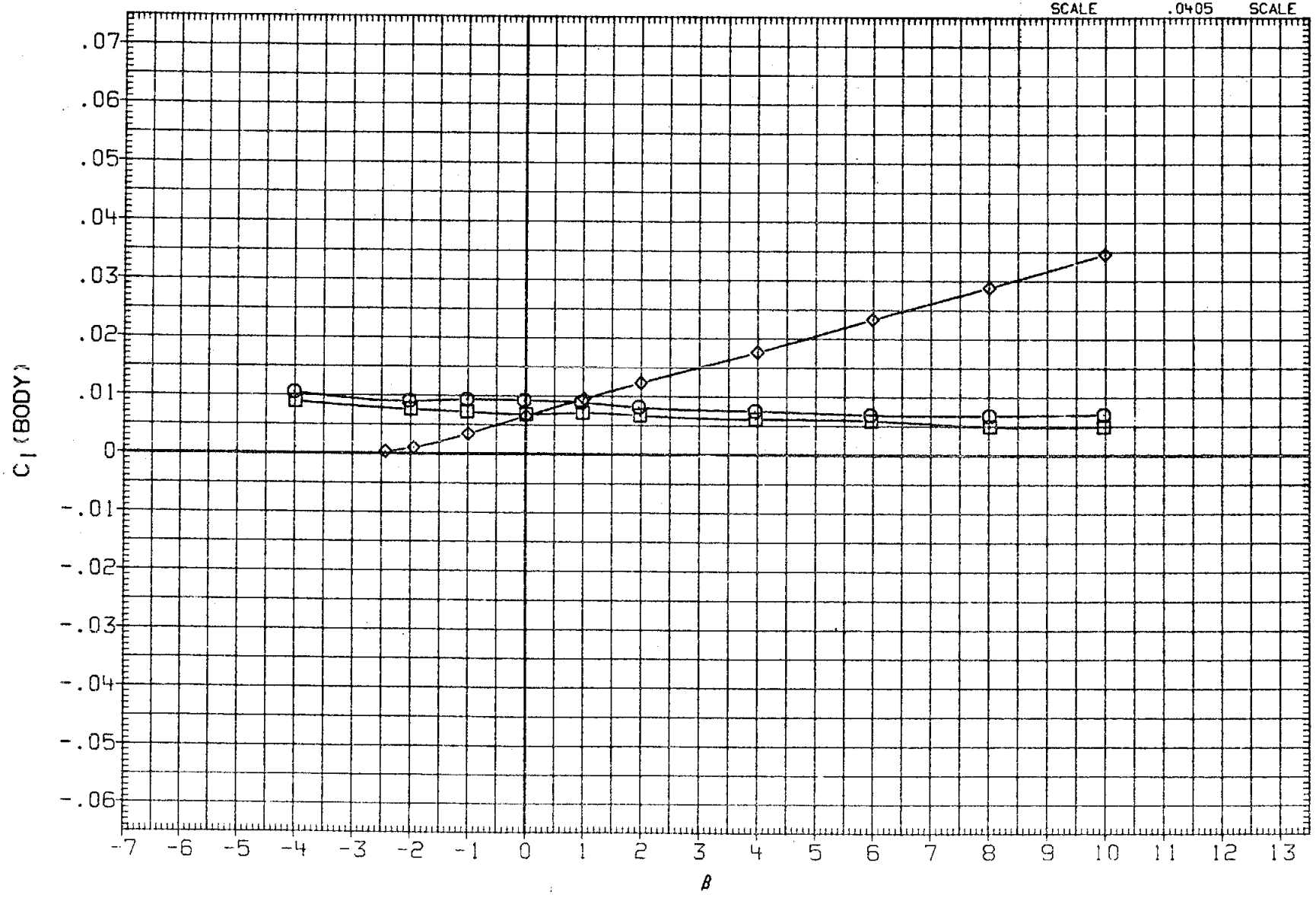

FIG 23 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	STM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ053	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	1.000	5.000
RFJ031	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	1.000	5.000

REFERENCE INFORMATION		
SREF	2680.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

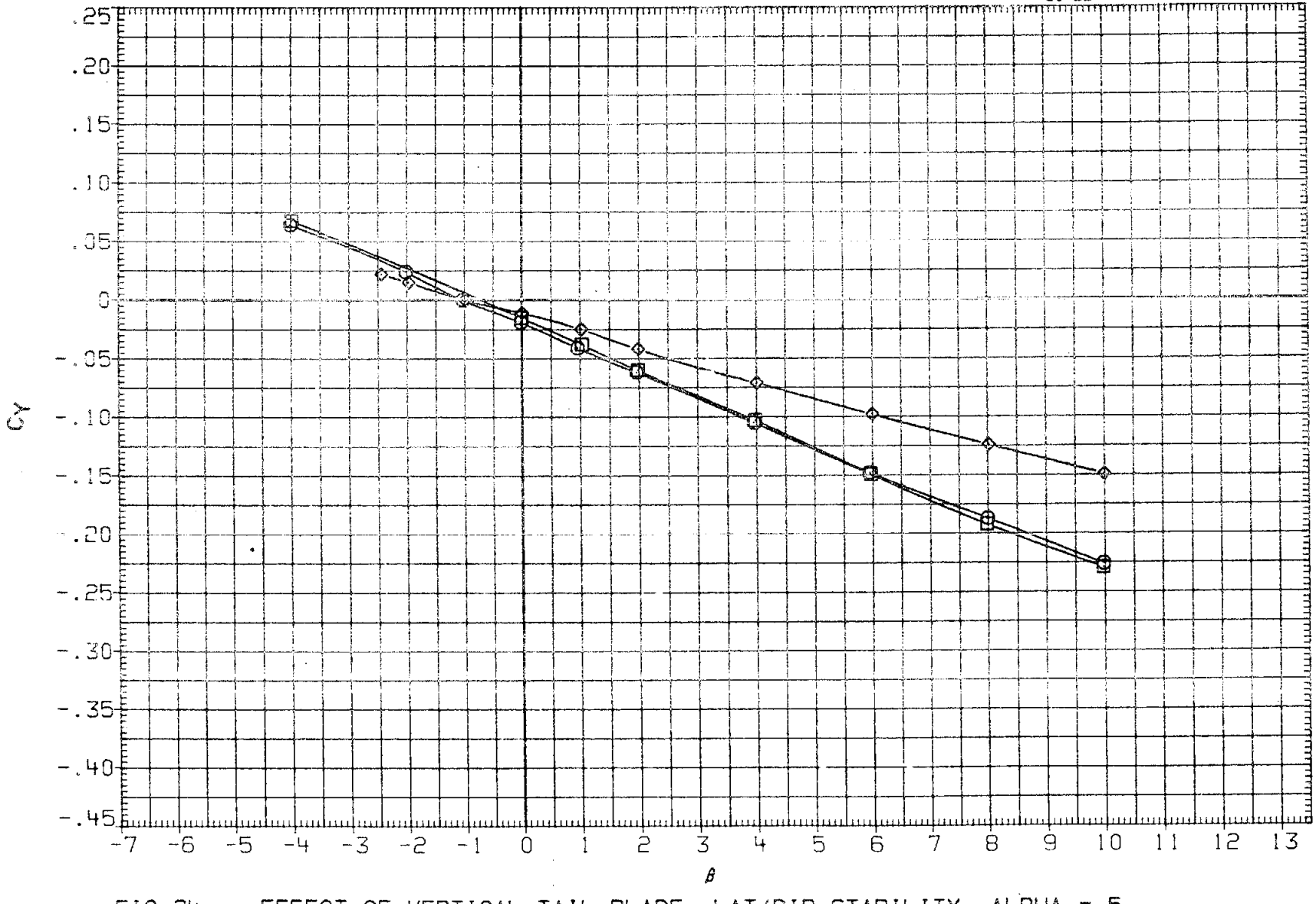

FIG 24 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ053	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	5.000
RFJ031	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

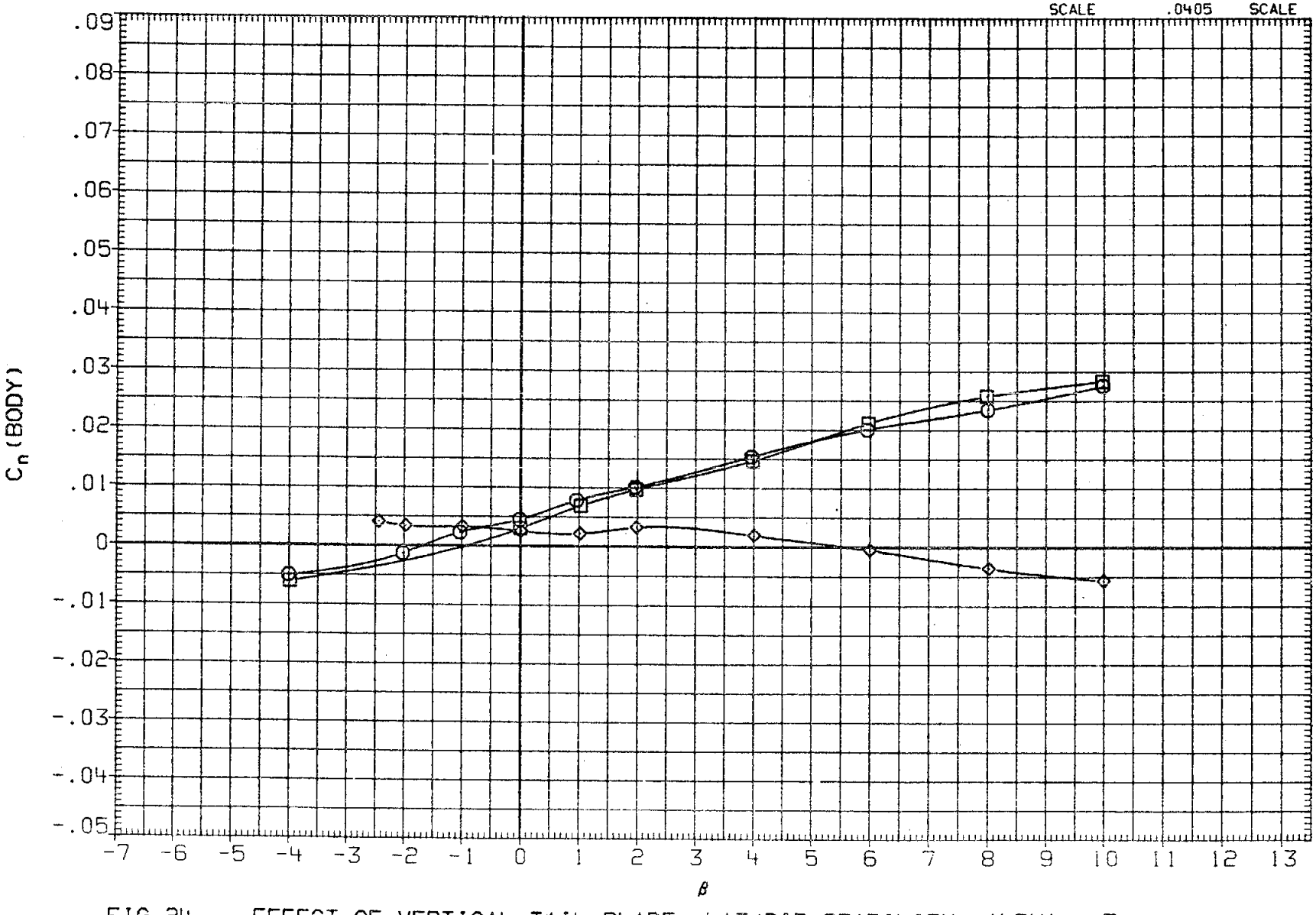

FIG 24 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		SDFLAP	STM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ053	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	5.000
RFJ031	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	[illegible]000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

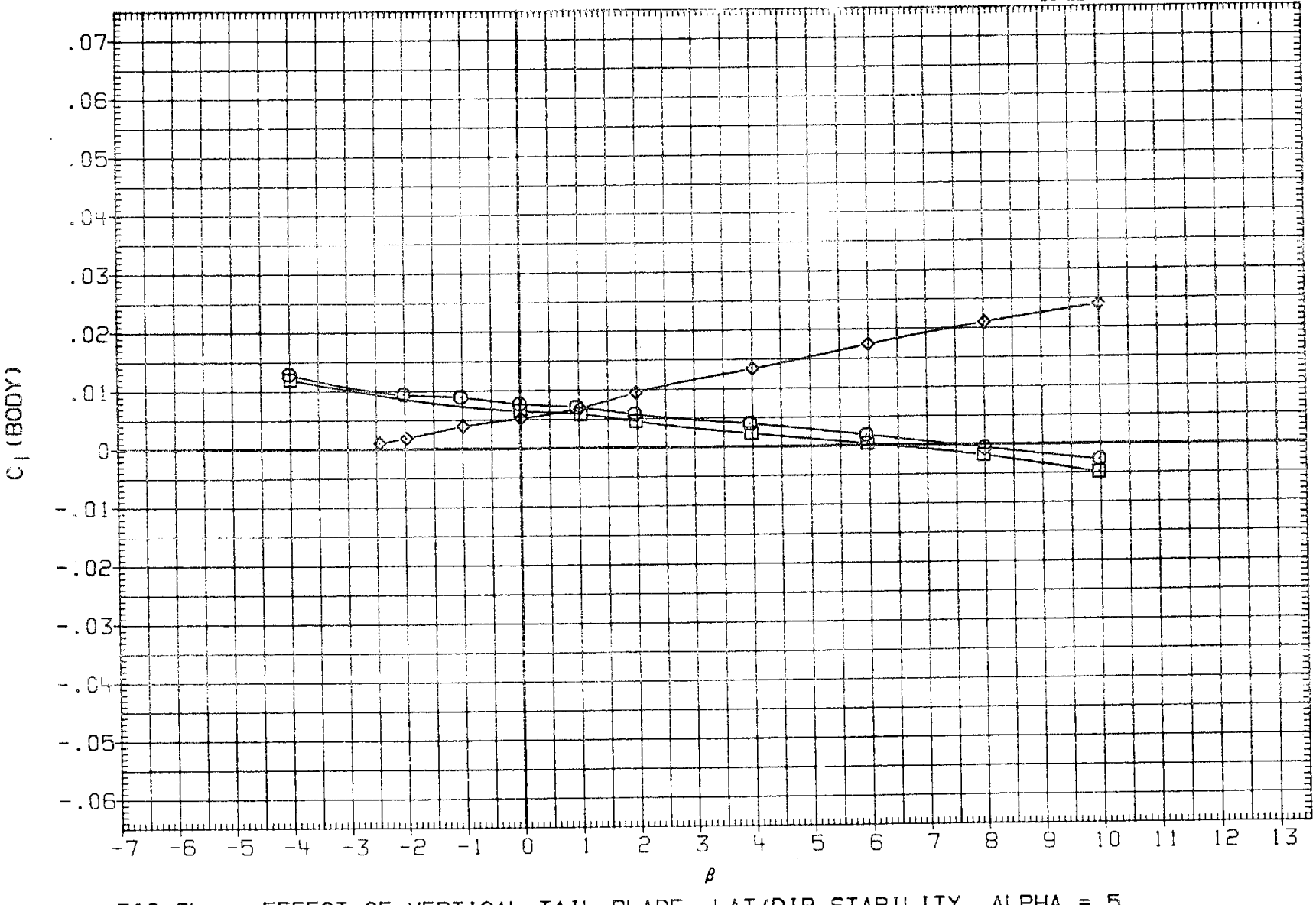

FIG 24 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ054	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	10.000
RFJ032	◇	0A176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	2.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

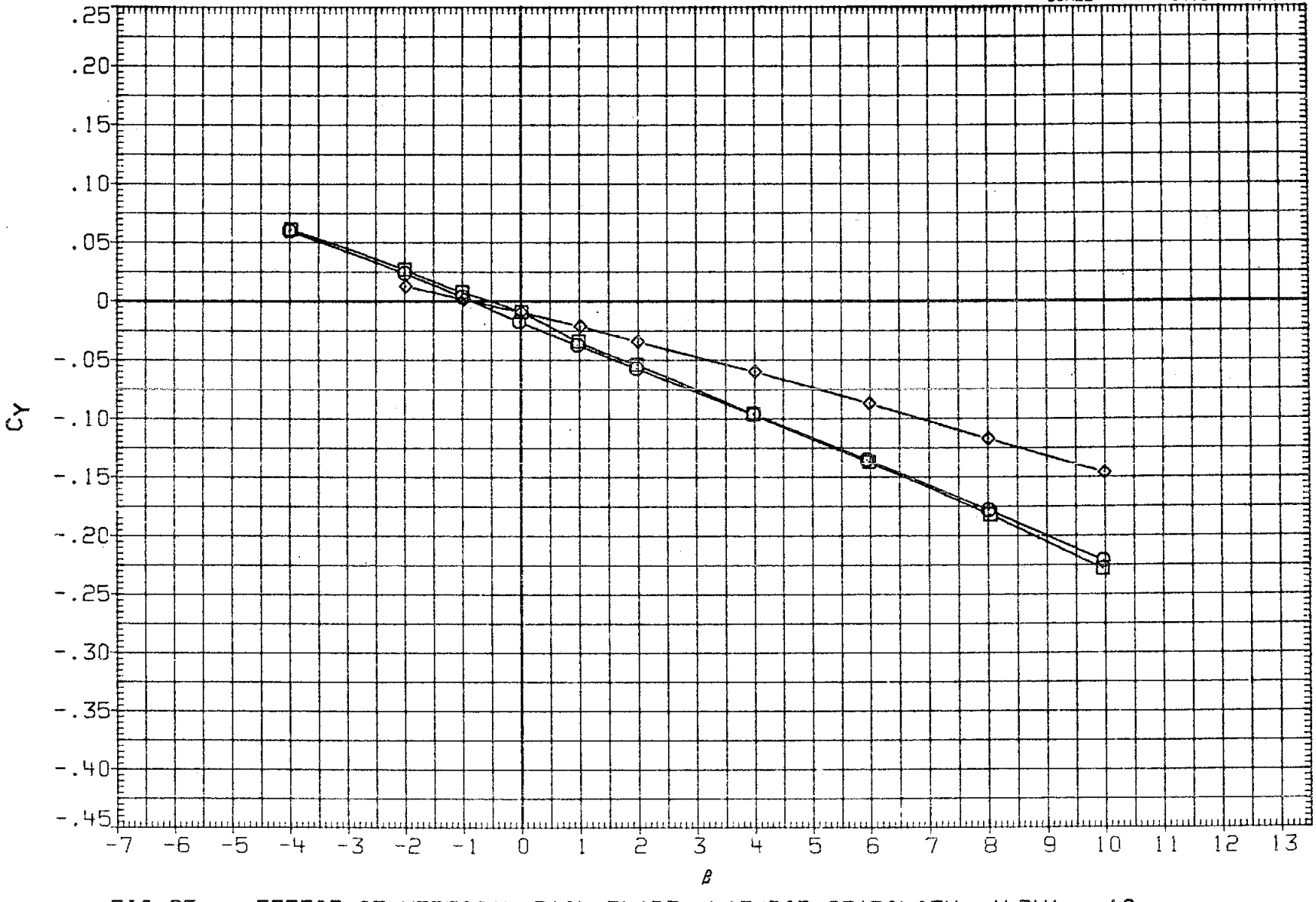

FIG 25 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	STM	ALPHA
RFJ005	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ054	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	10.000
RFJ032	◇	0A176 B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
CREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

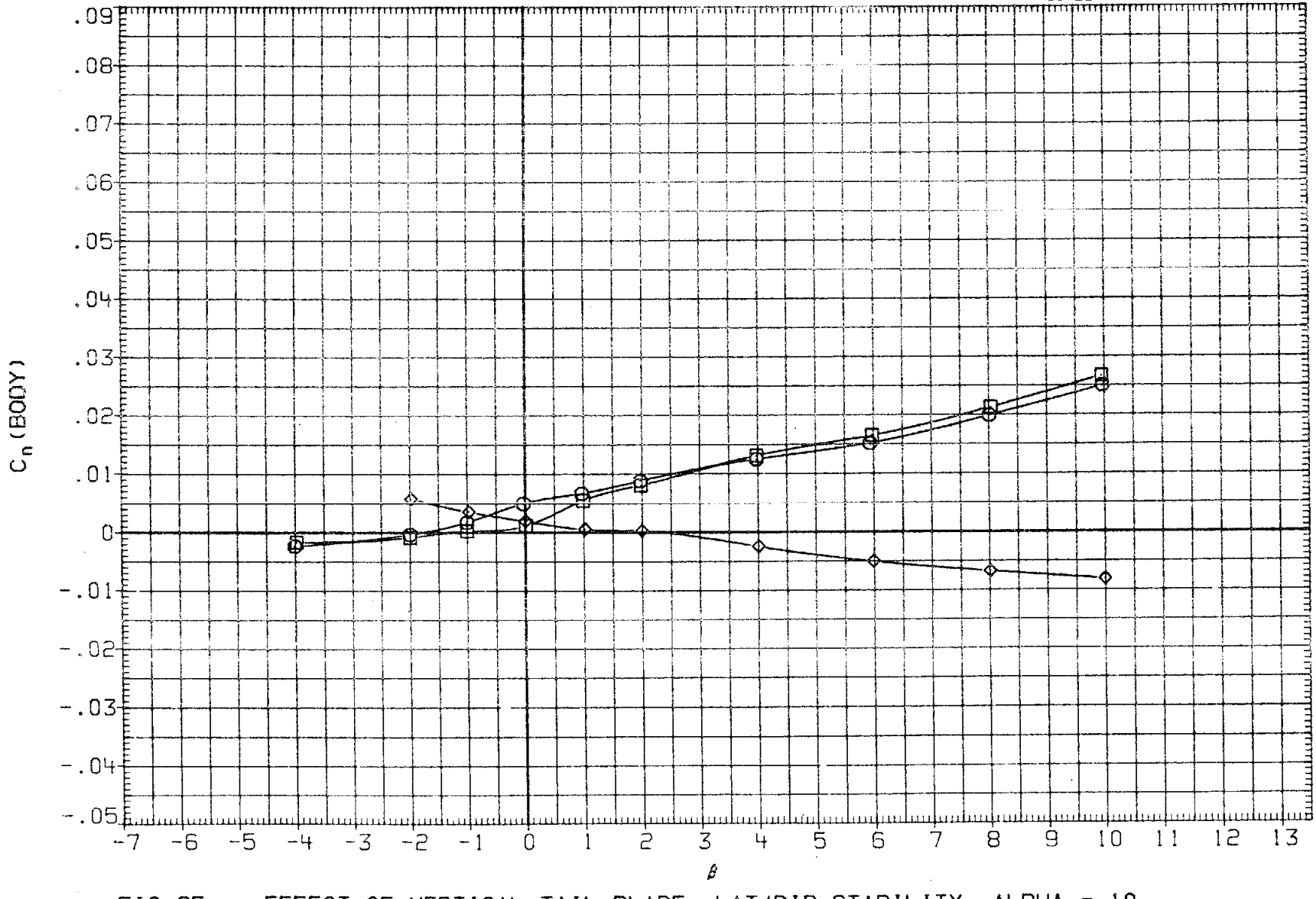

FIG 25 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ054	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	10.000
RFJ032	◇	OA176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	2.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

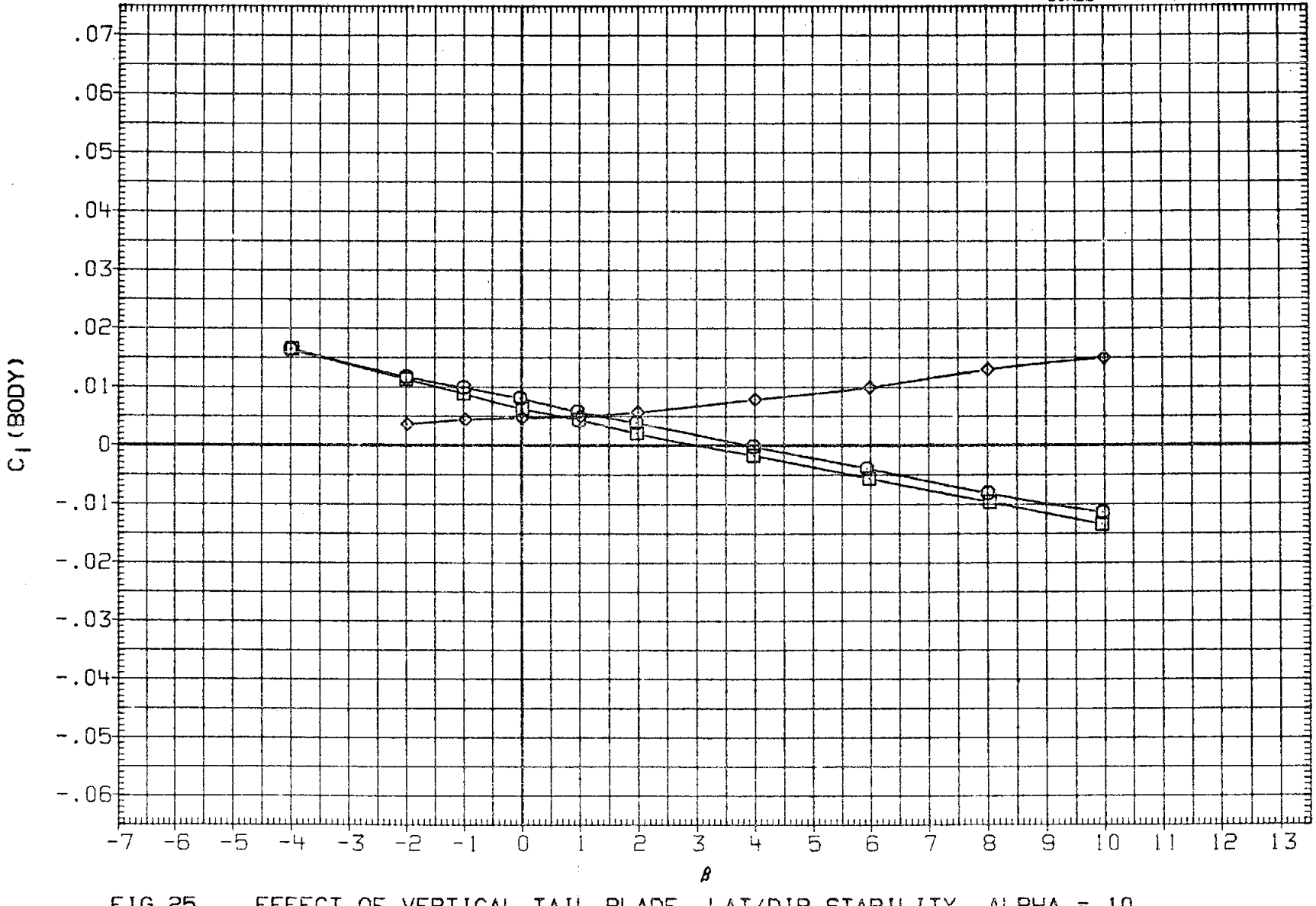

FIG 25 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ055	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000	15.000
RFJ033	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	.000	15.000

REFERENCE INFORMATION

SREF	2090.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6600	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

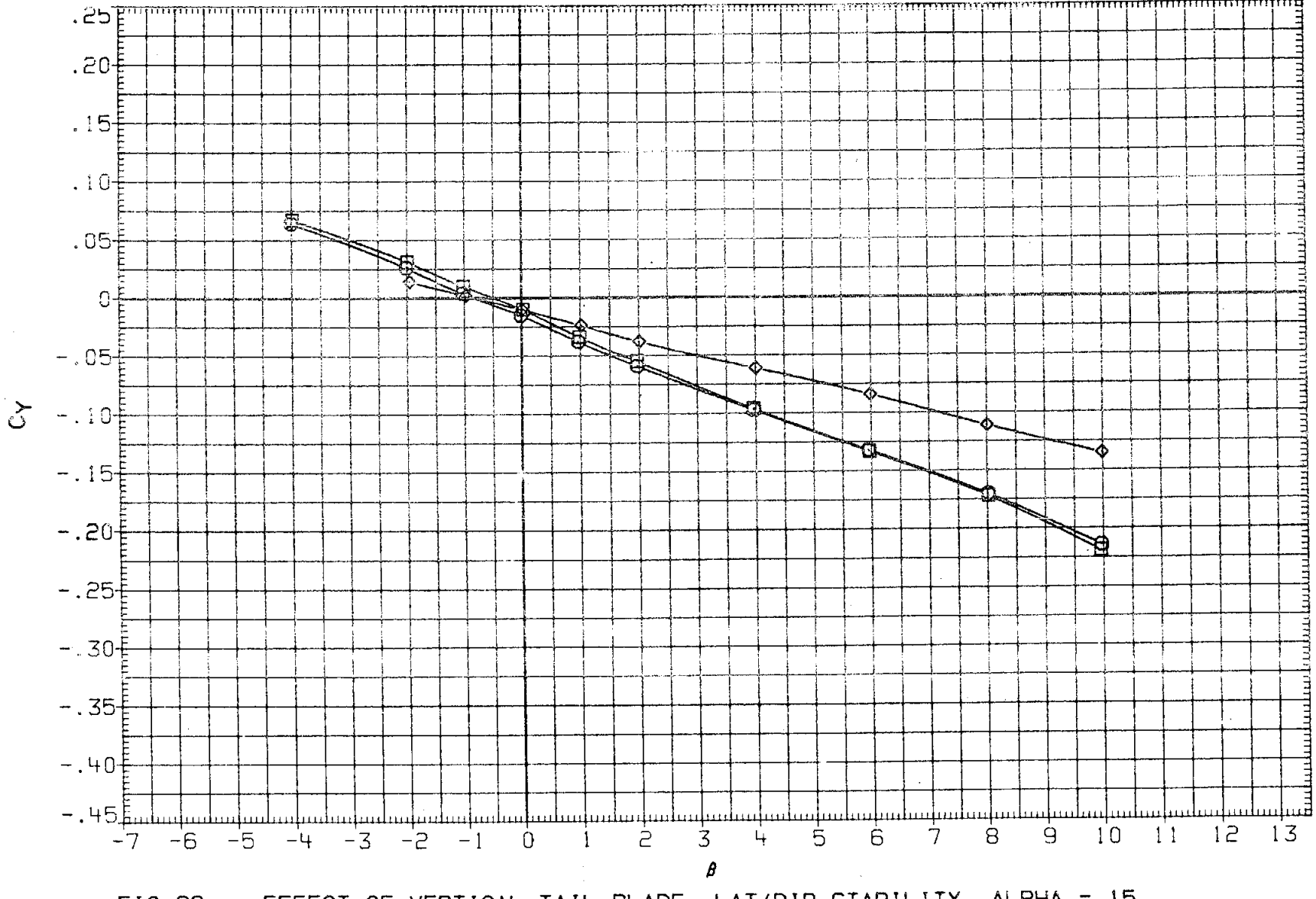

FIG 26 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ055	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	15.000
RFJ033	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	15.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

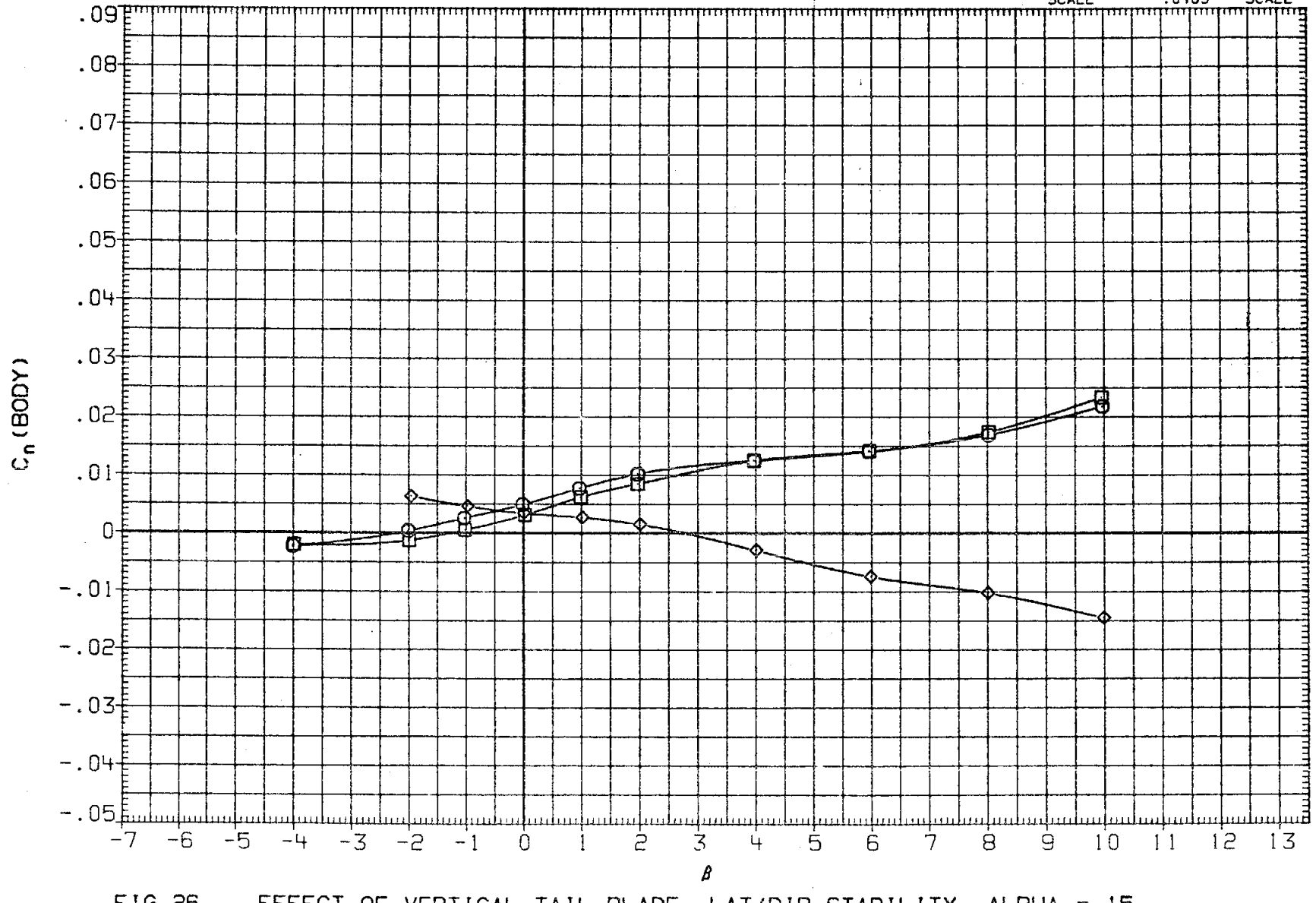

FIG 26 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STM	ALPHA
RFJ006	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ055	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	15.000
RFJ033	◇	OA176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	2.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

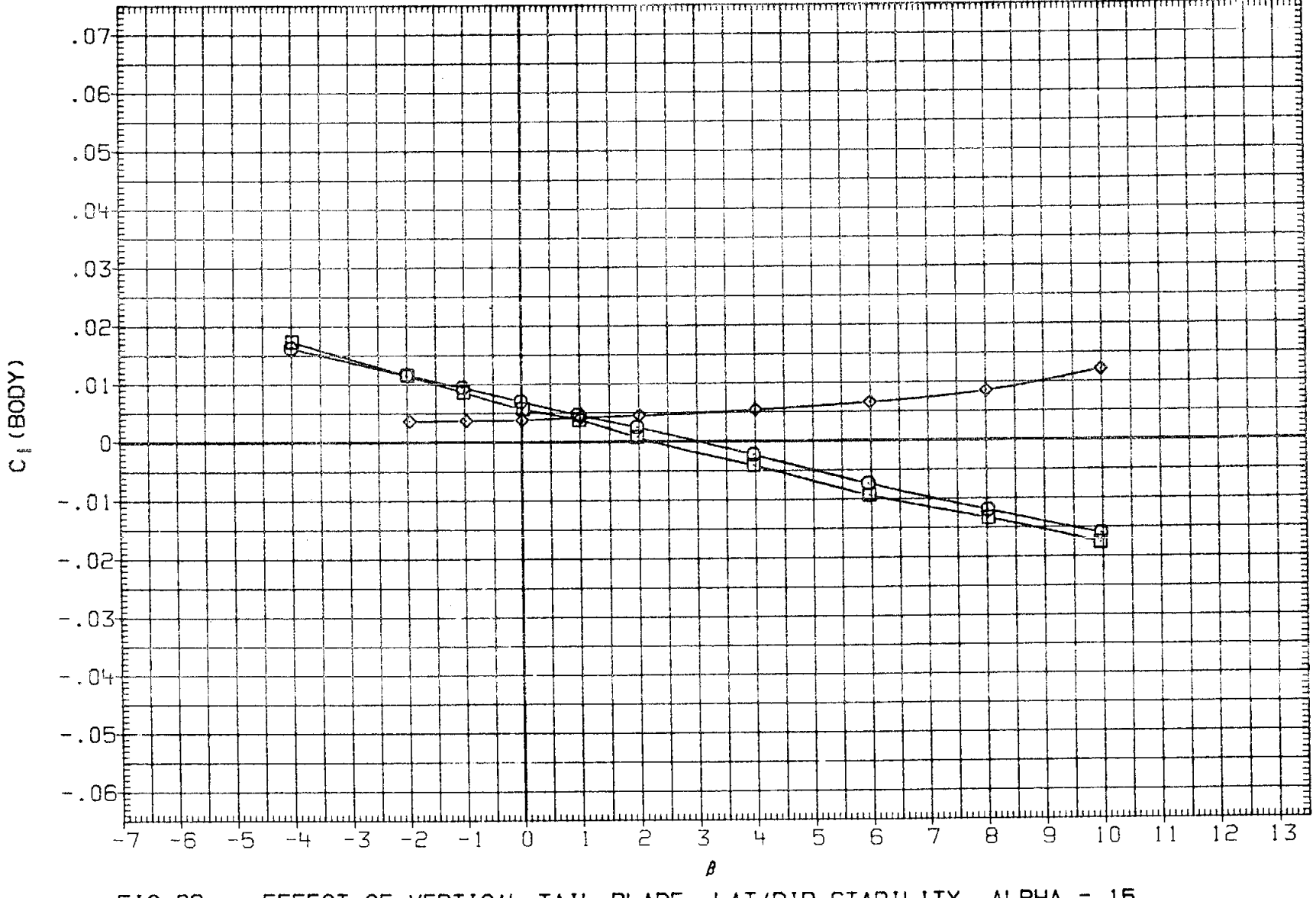

FIG 26 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ056	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000	20.000
RFJ034	◇	0A176	B26C9PR1M16N28W116E43F8 TC19X9	-11.700	2.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

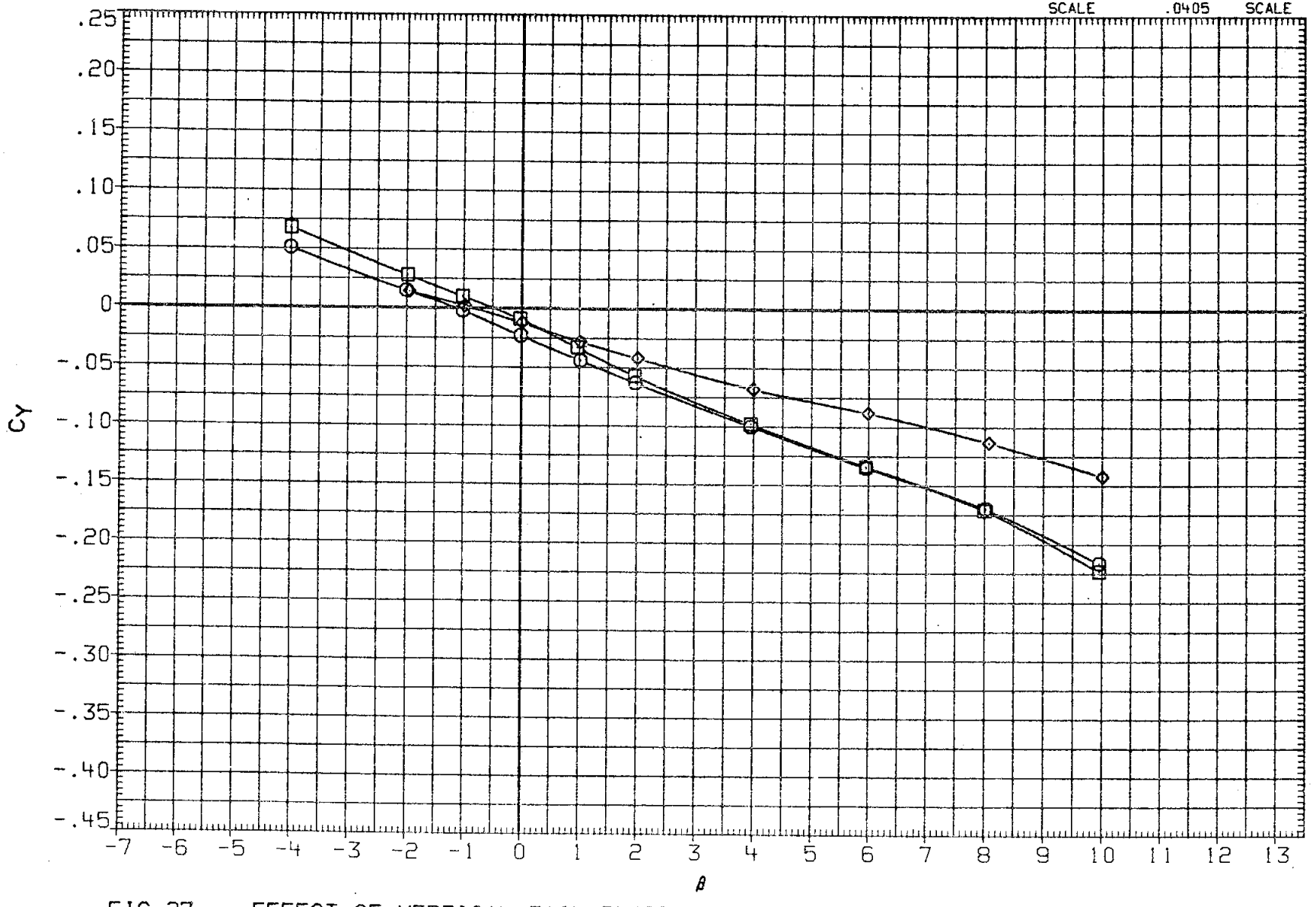

FIG 27 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ056	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	20.000
RFJ034	◇	0A176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	2.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

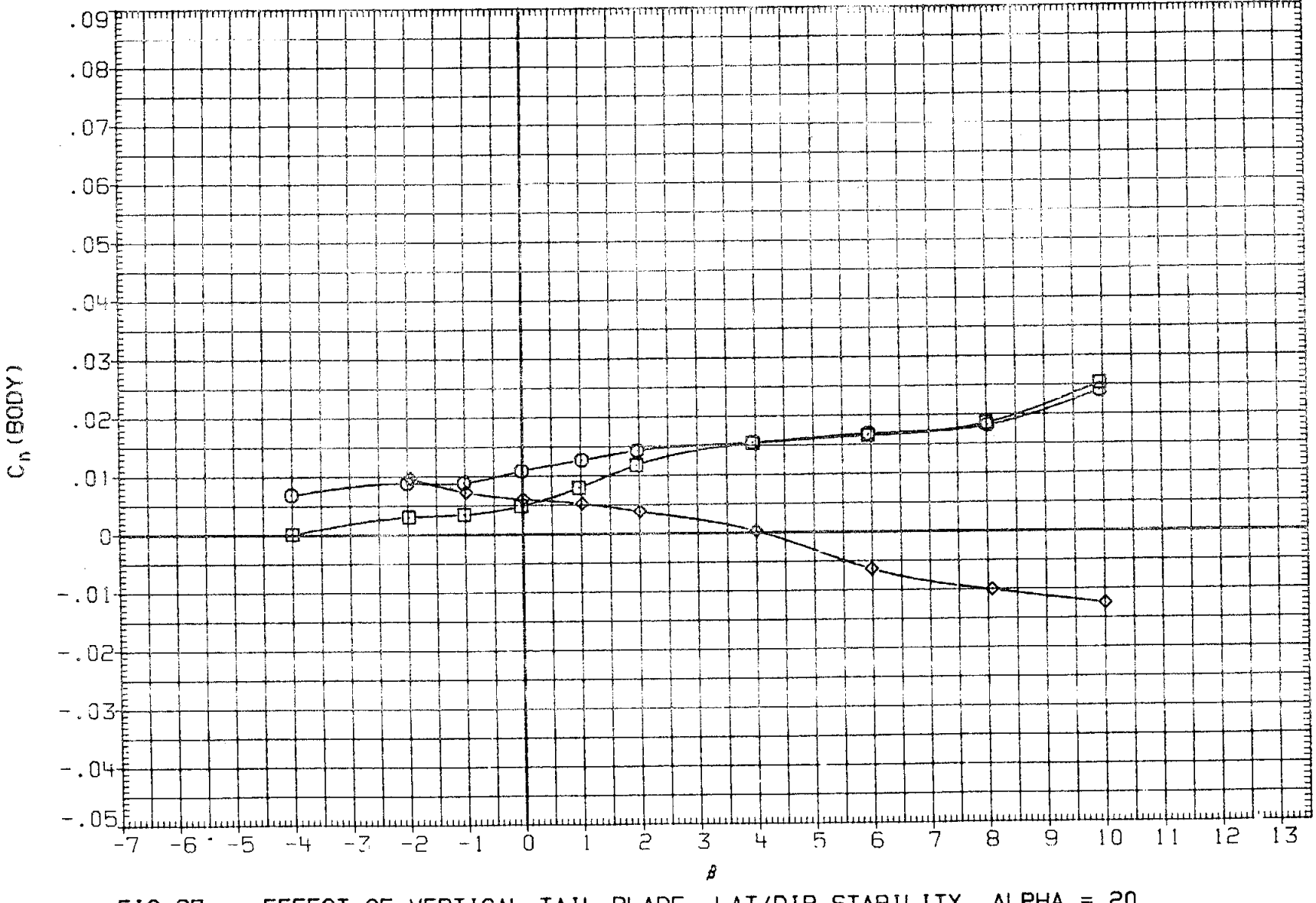

FIG 27 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ056	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	5.000	20.000
RFJ034	◇	0A176	B26C9PRIM16N28W116E43F8 TC19X9	-11.700	2.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

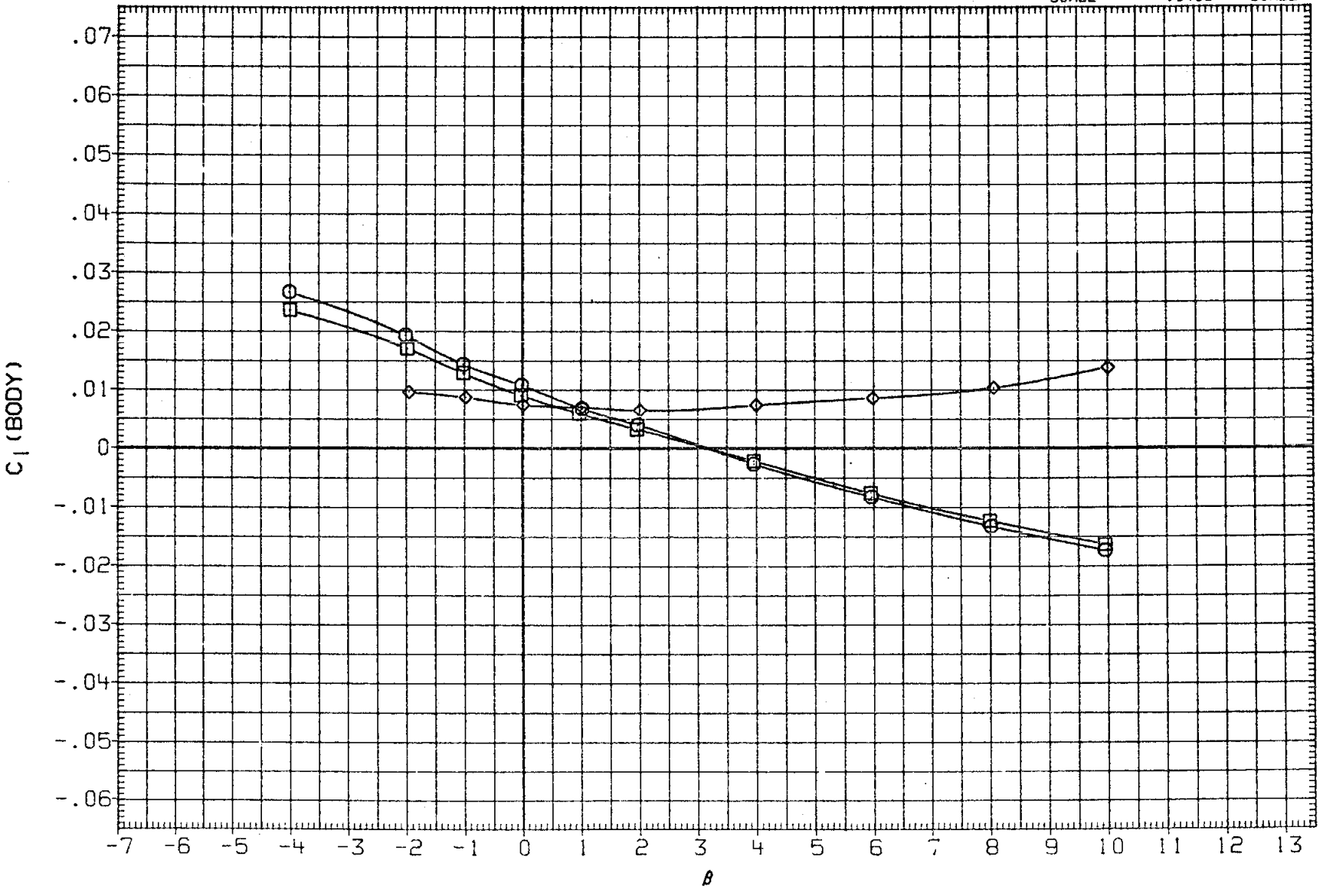

FIG 27 EFFECT OF VERTICAL TAIL,BLADE, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STB	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

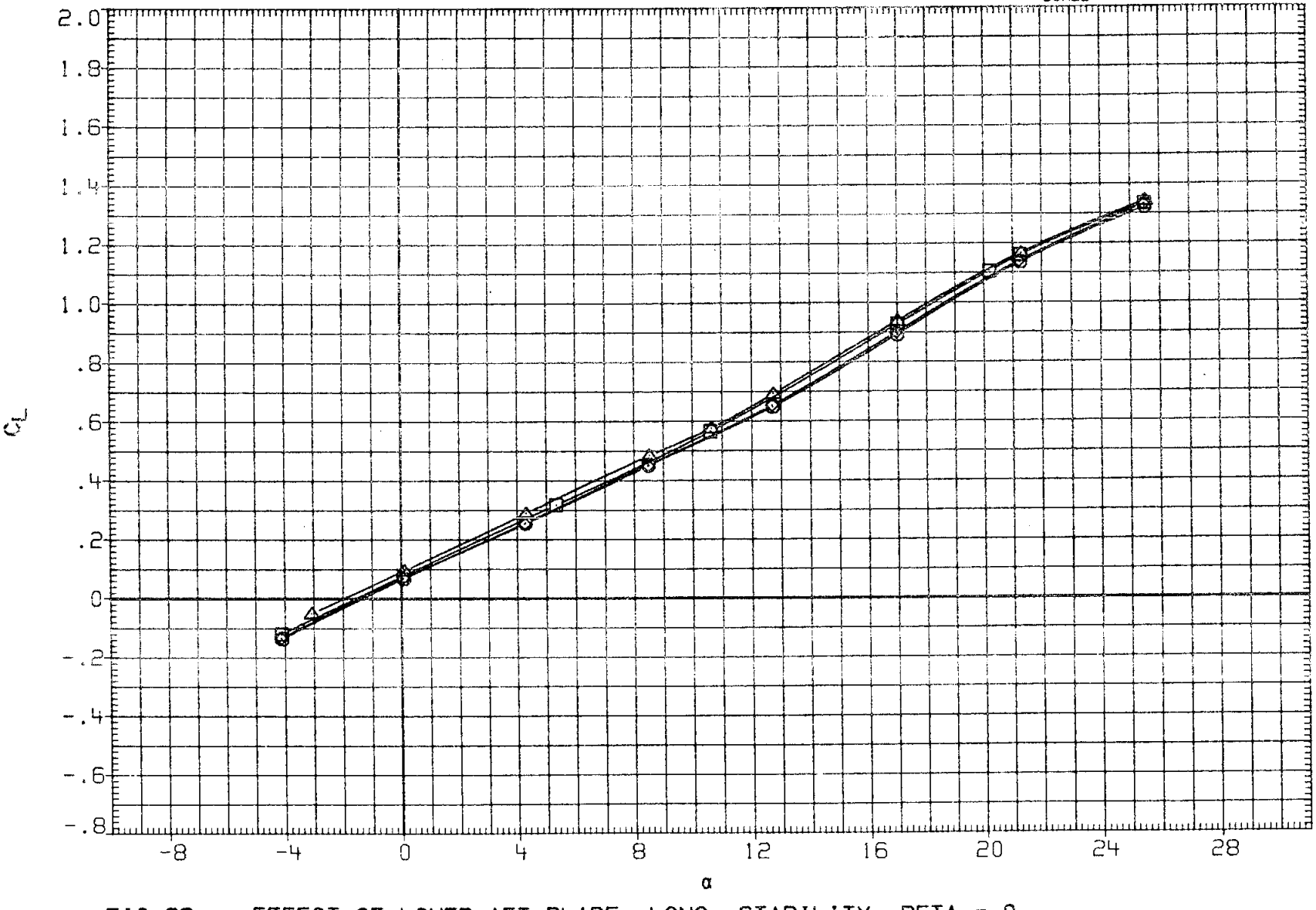

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

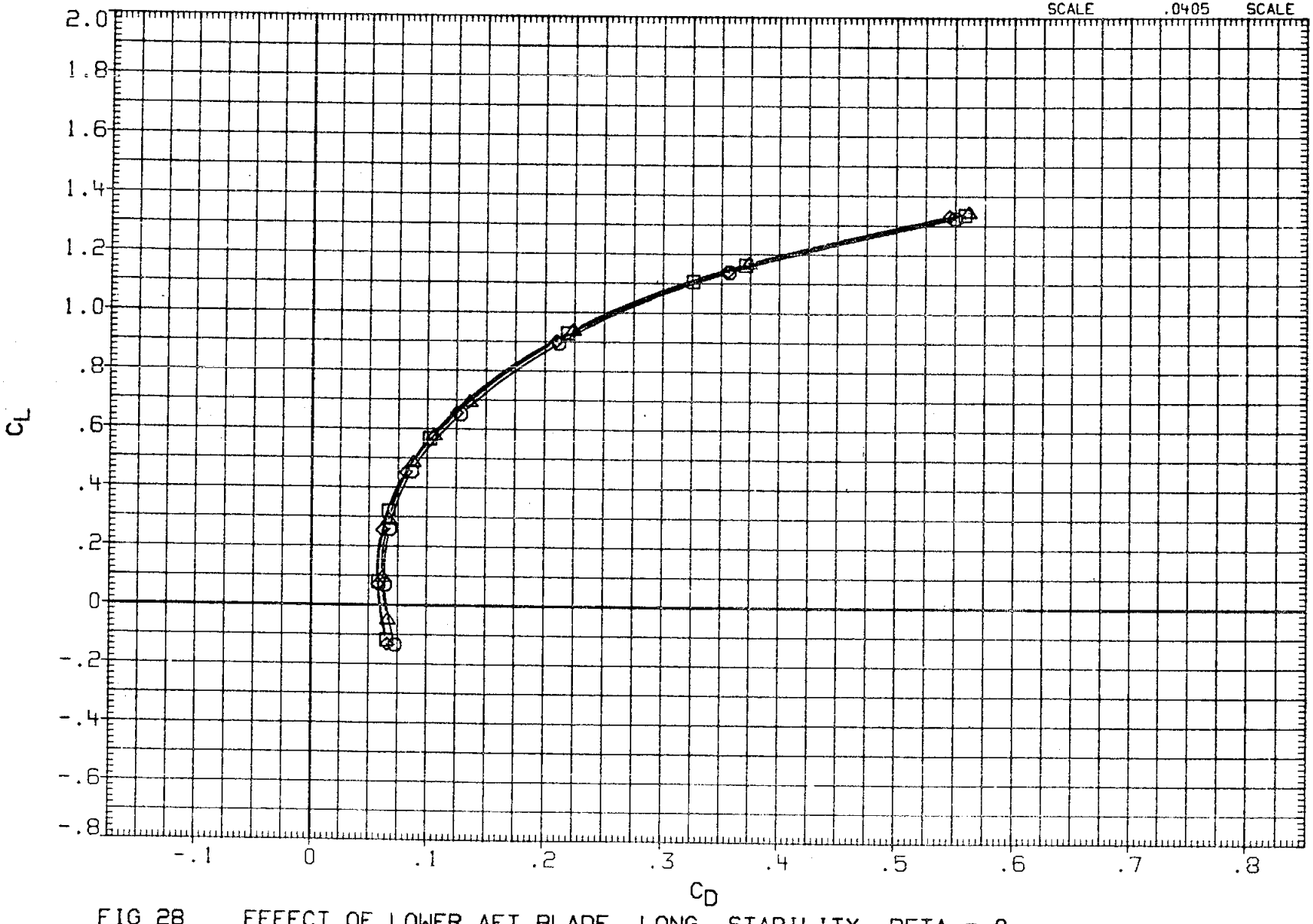

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

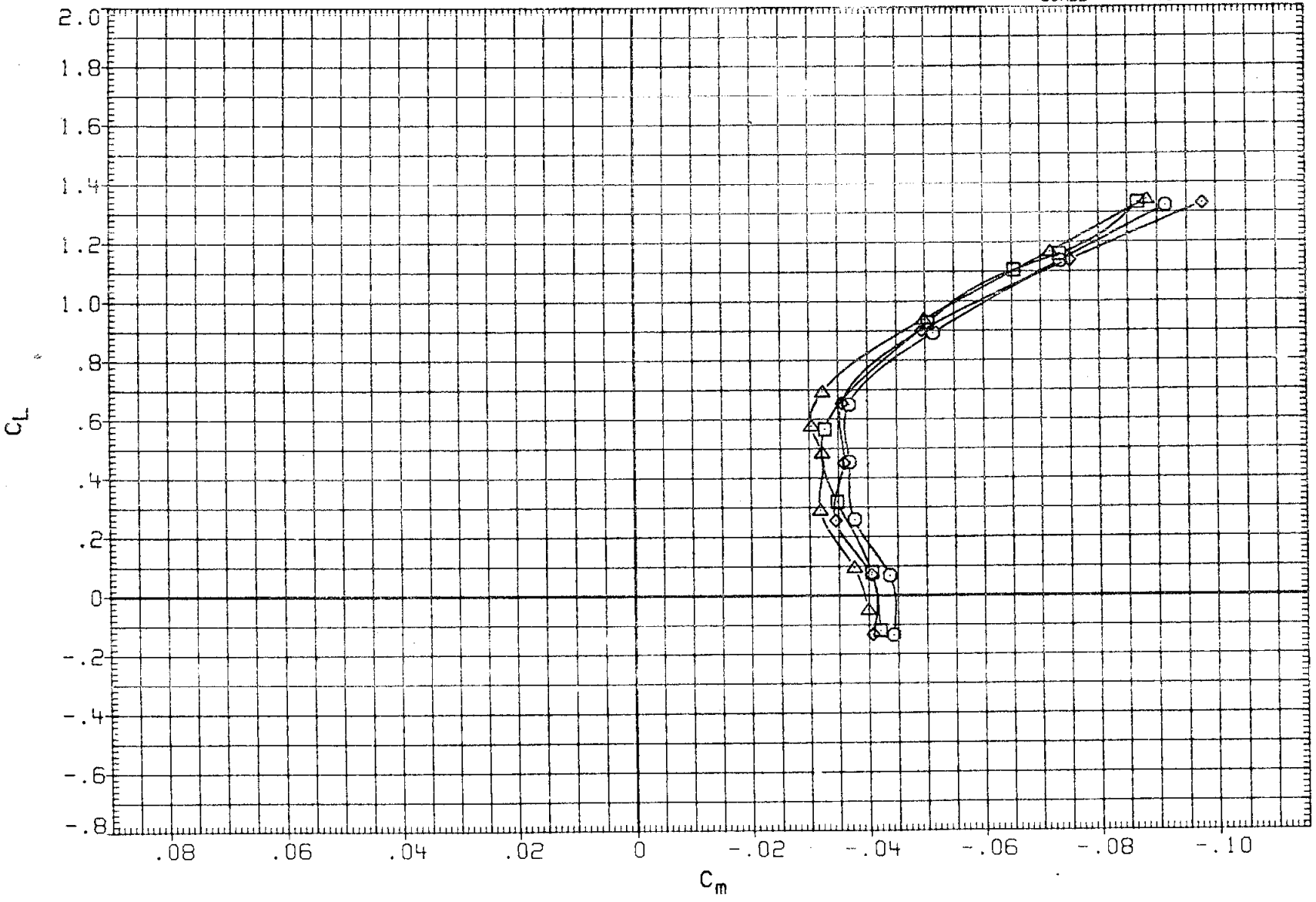

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

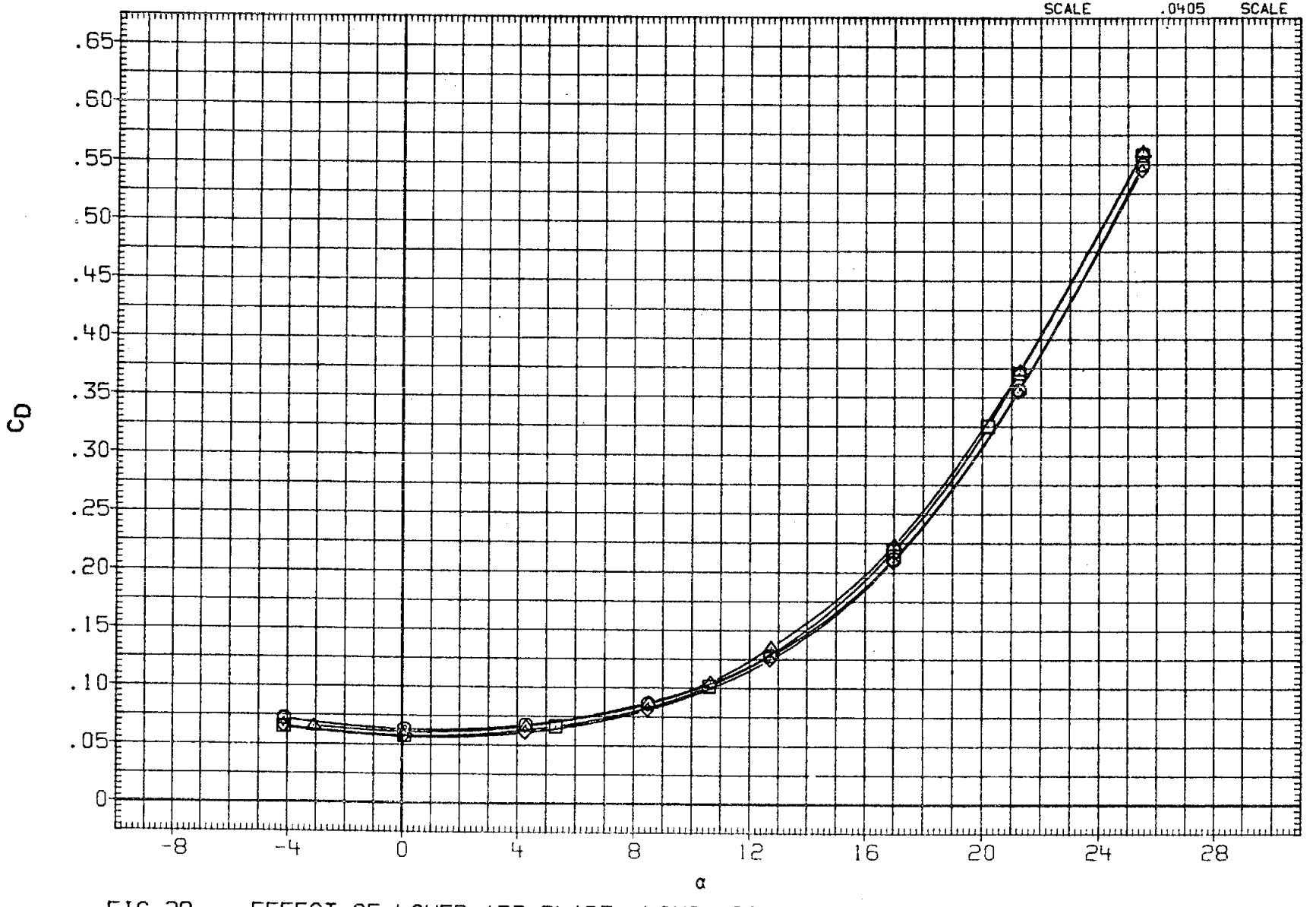

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

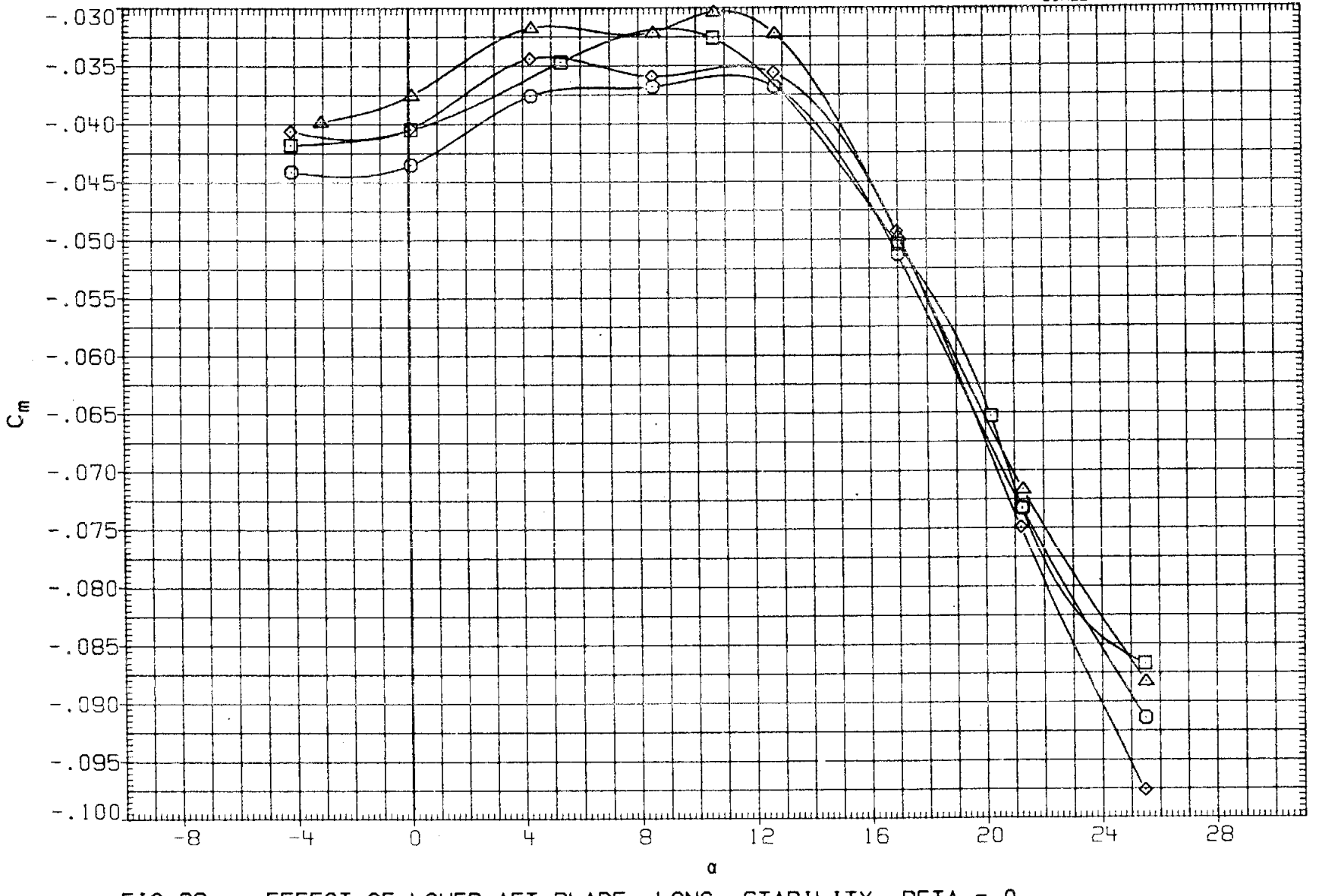

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

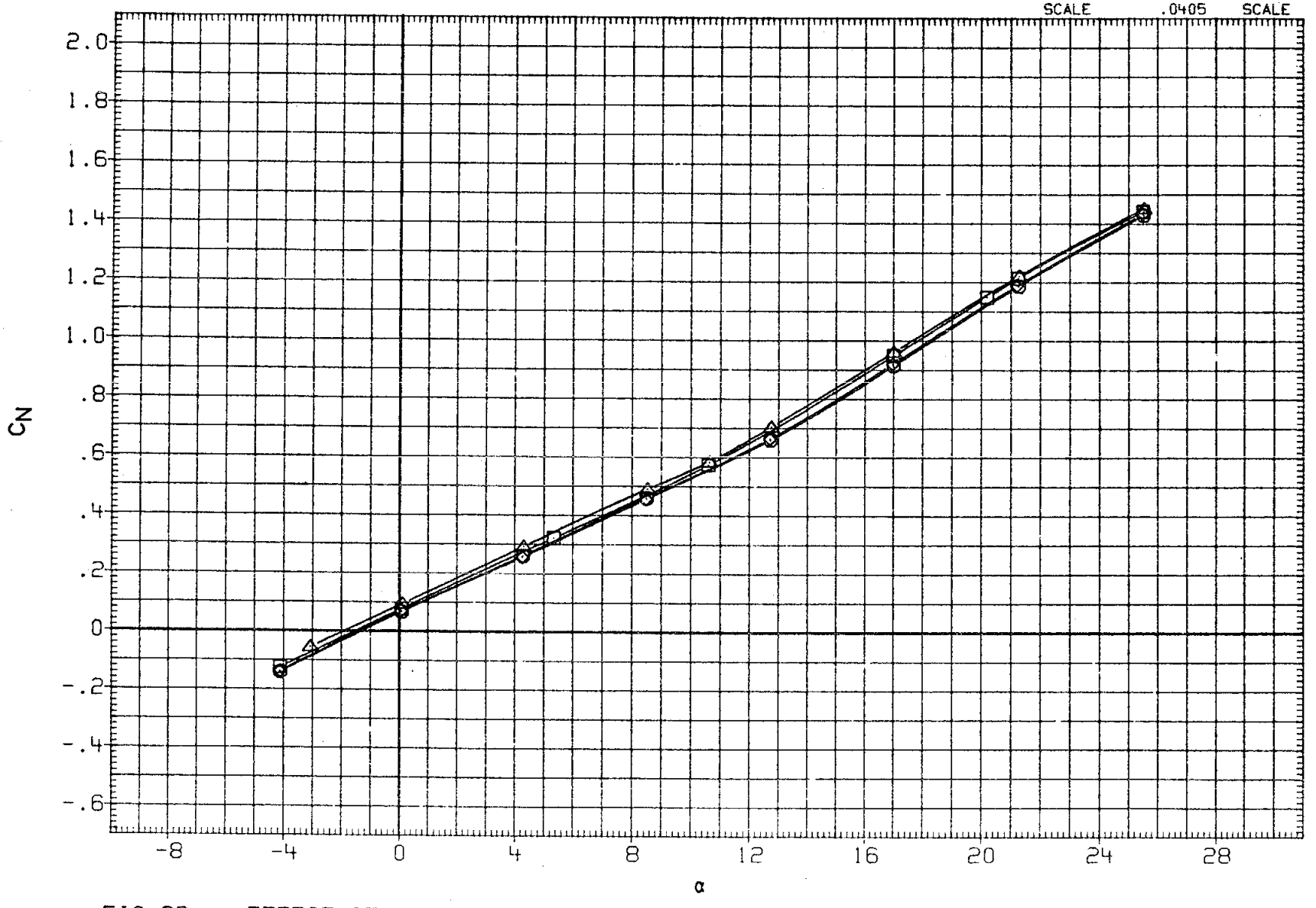

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	SDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

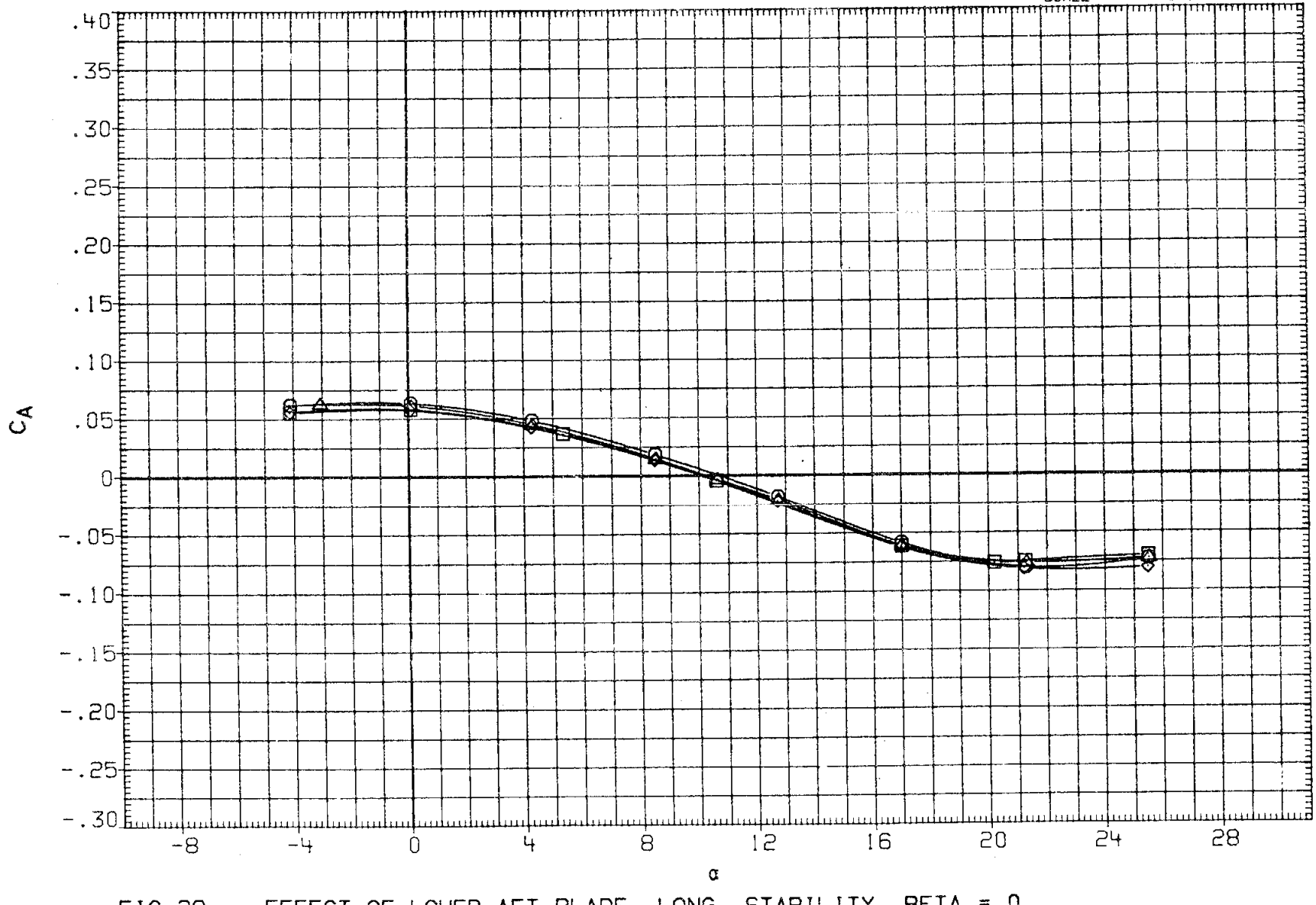

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

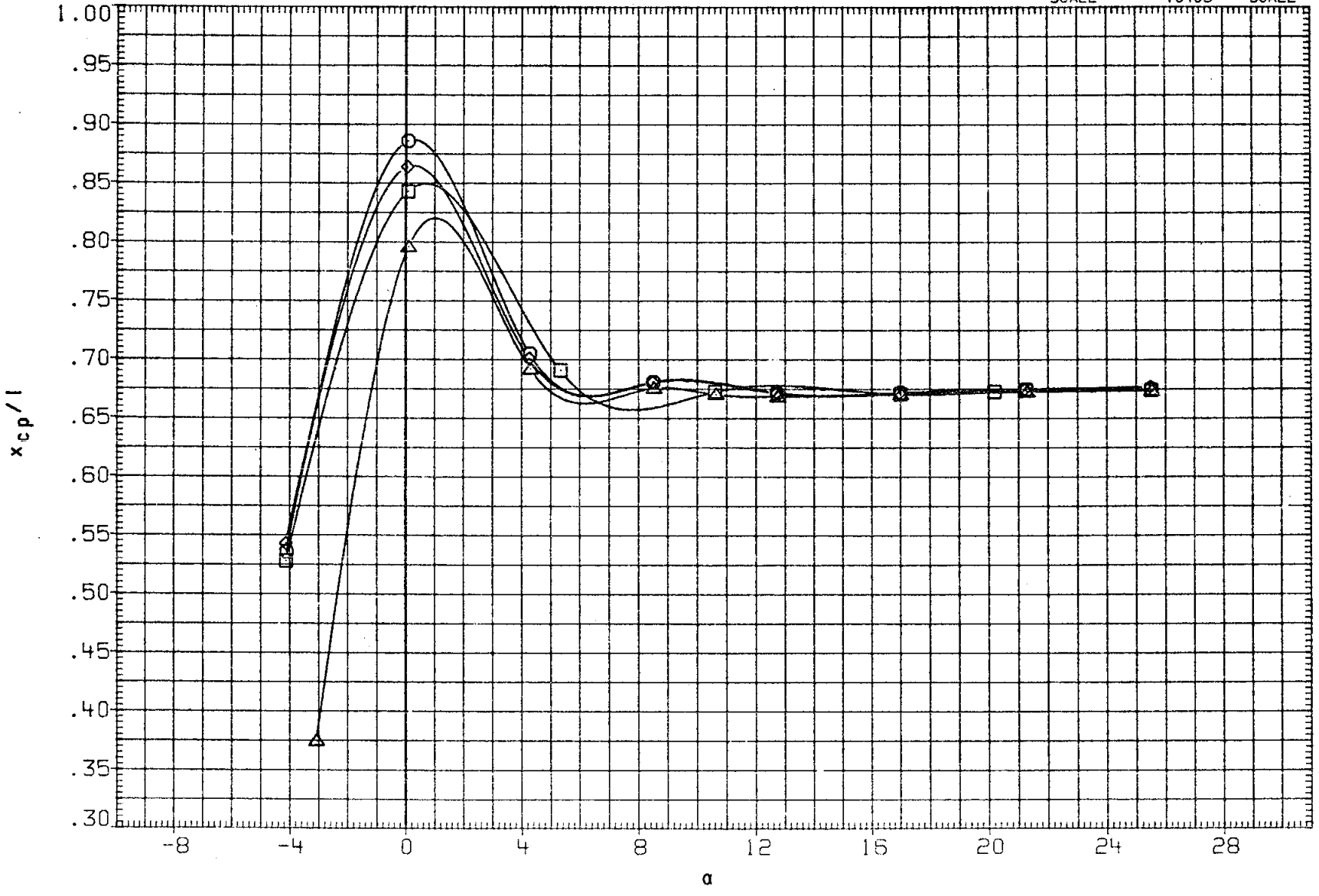

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ058	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

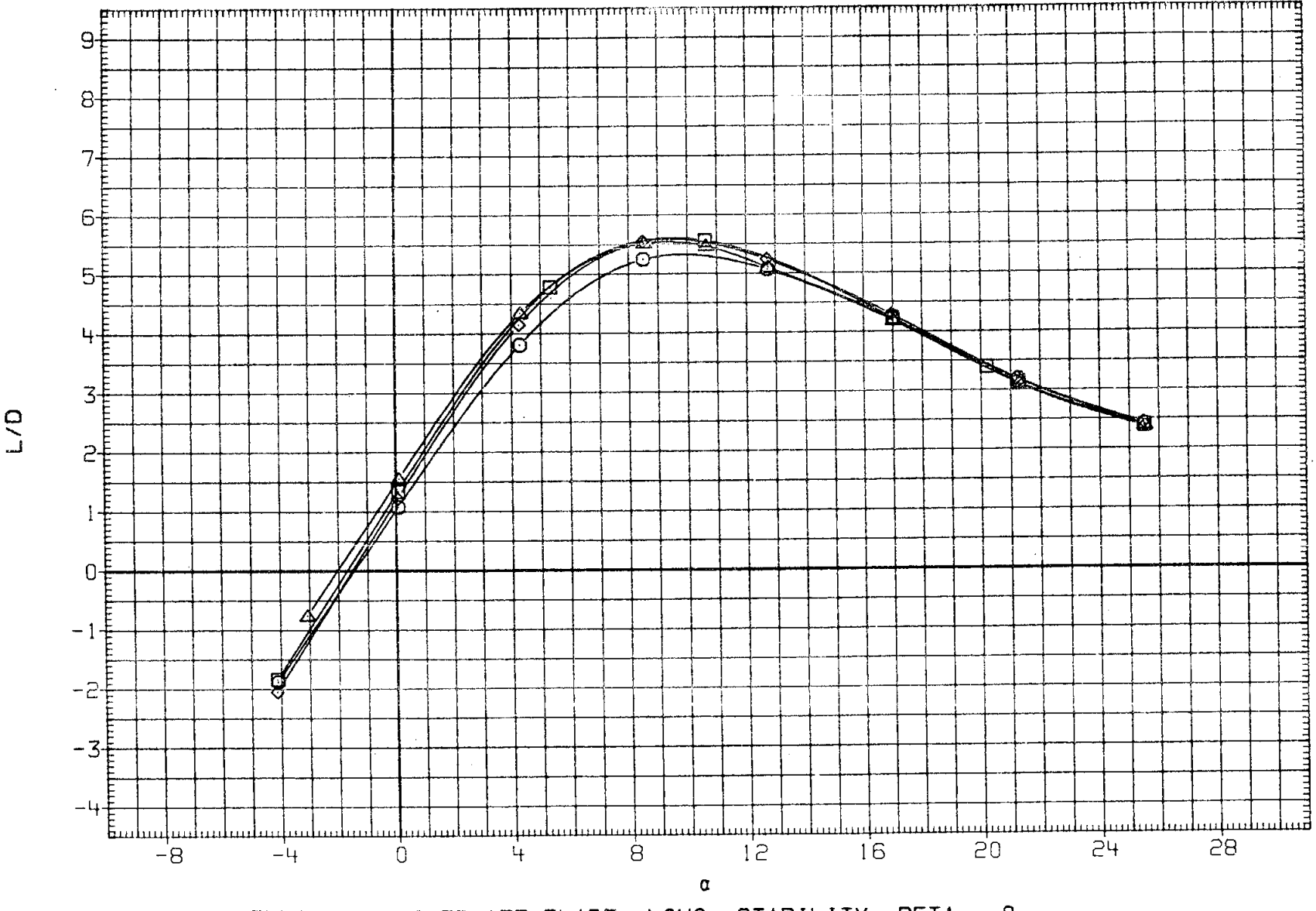

FIG 28 EFFECT OF LOWER AFT BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ059	△	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

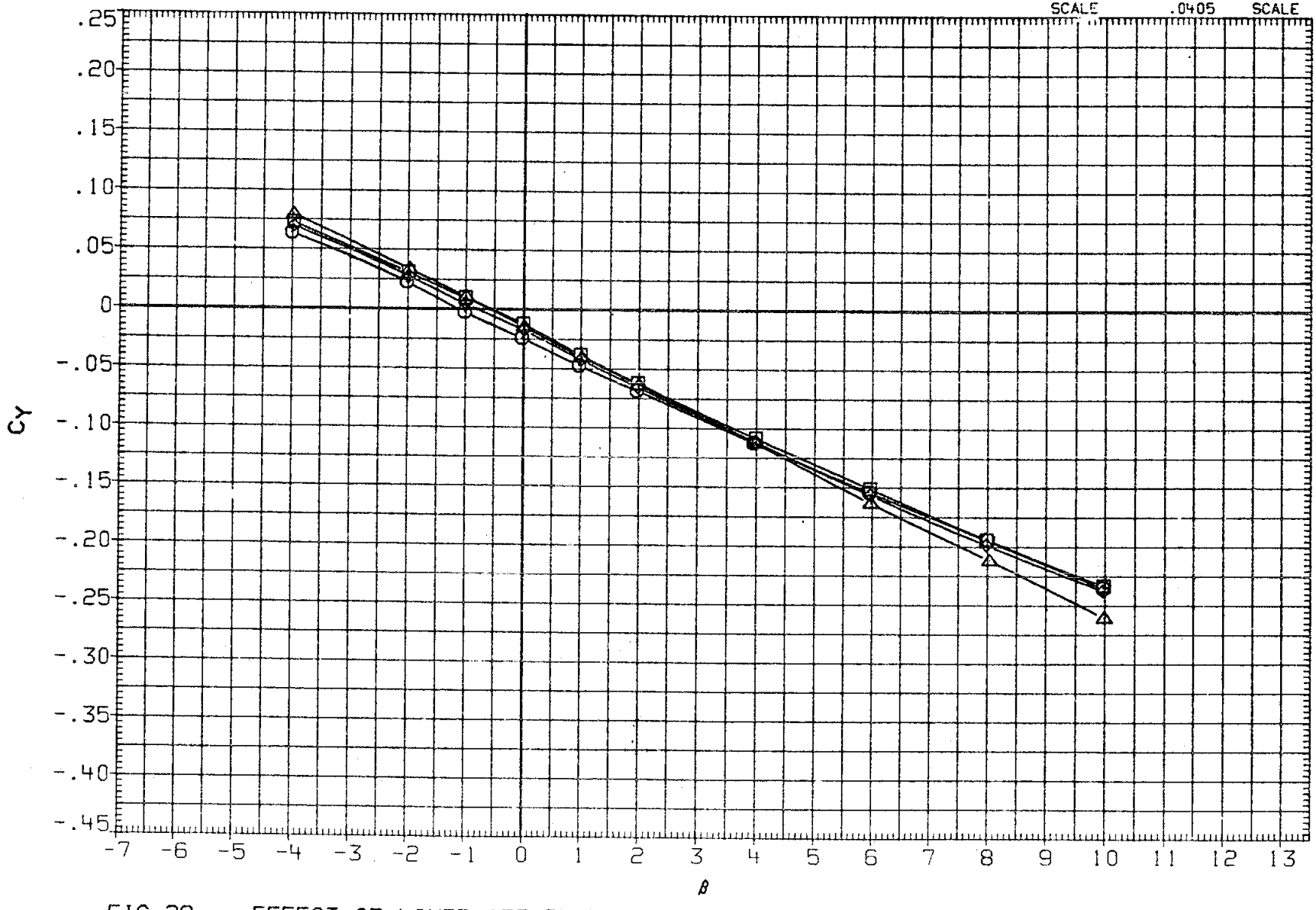

FIG 29 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ059	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

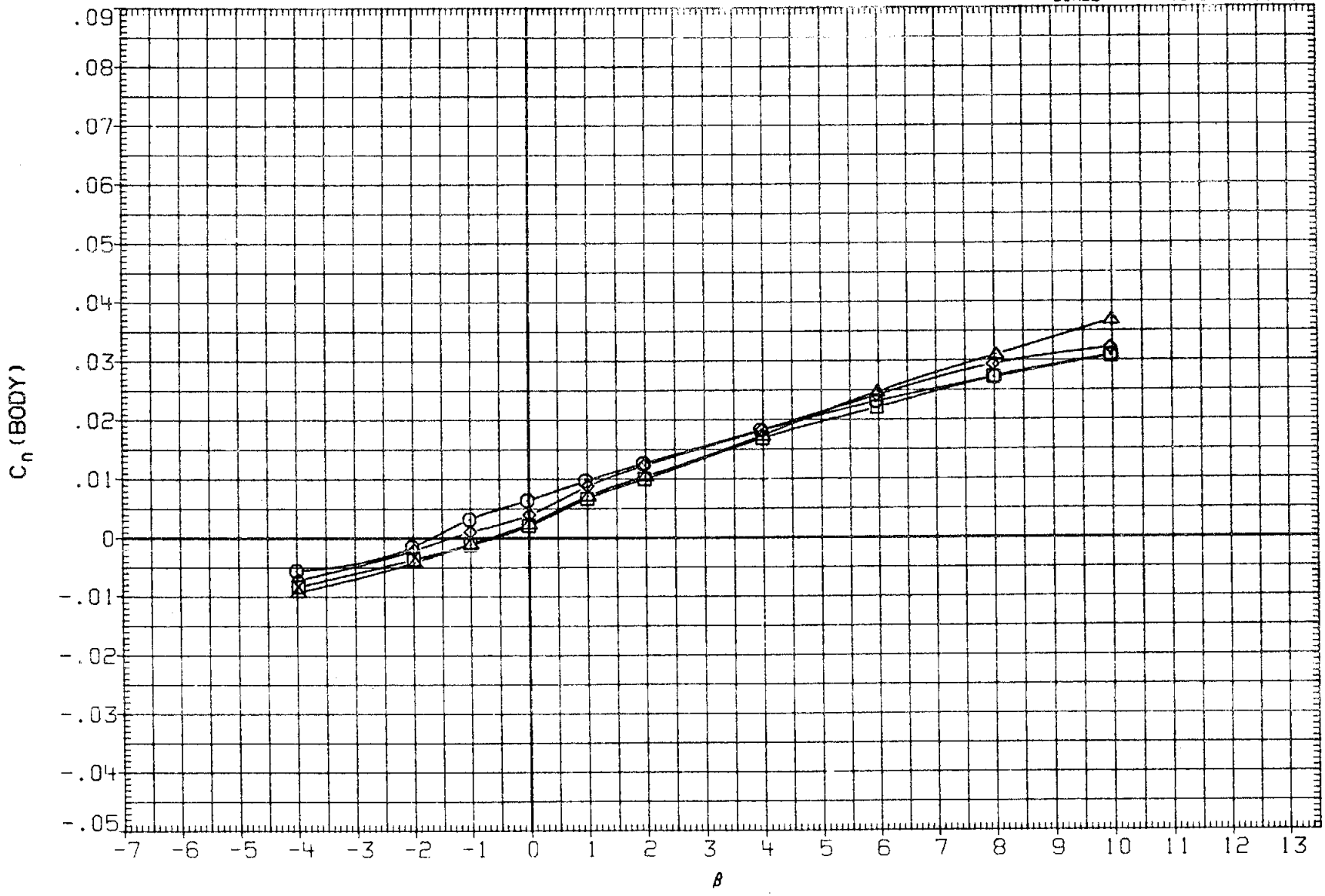

FIG 29 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ059	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

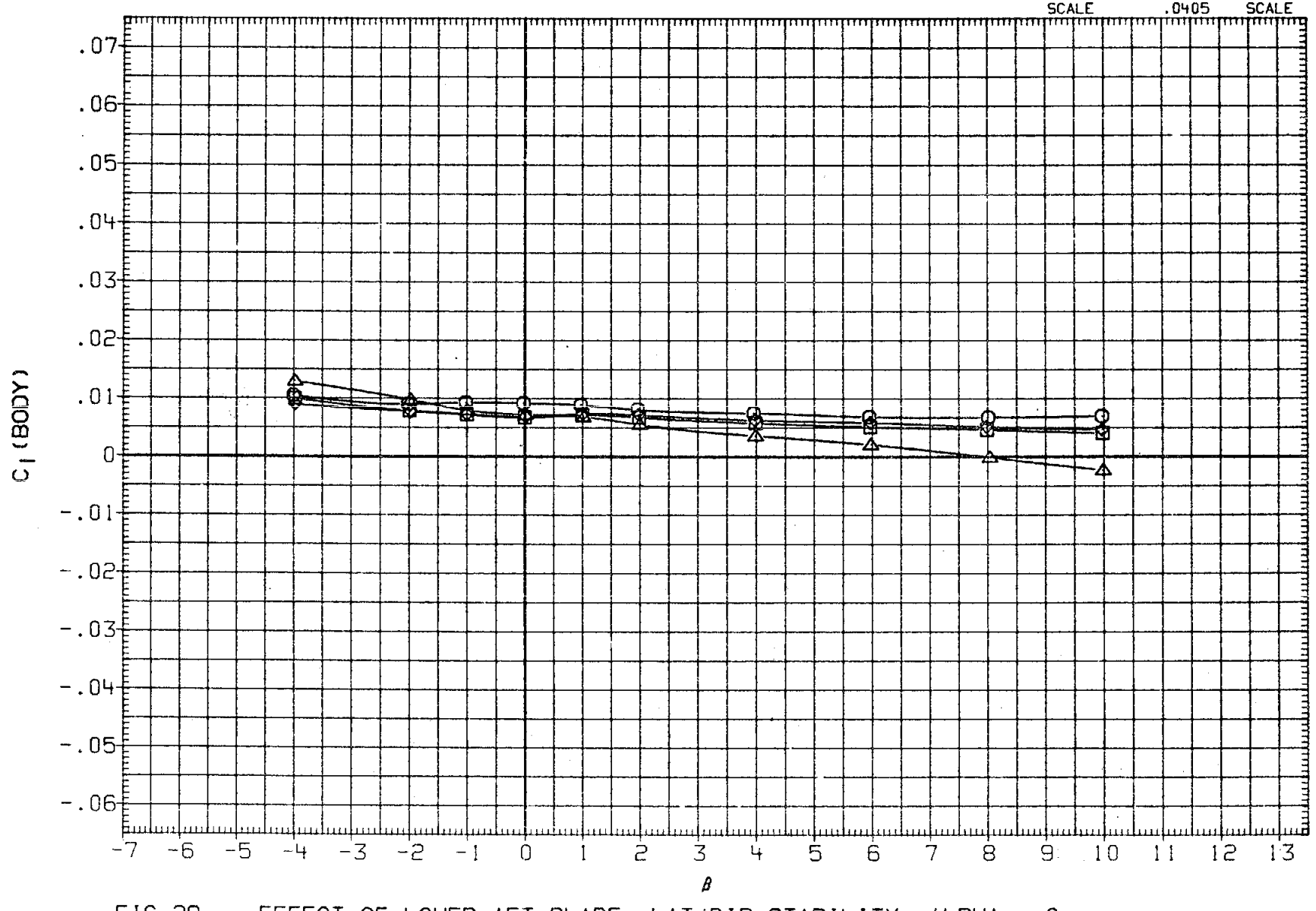

FIG 29 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STK	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ060	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

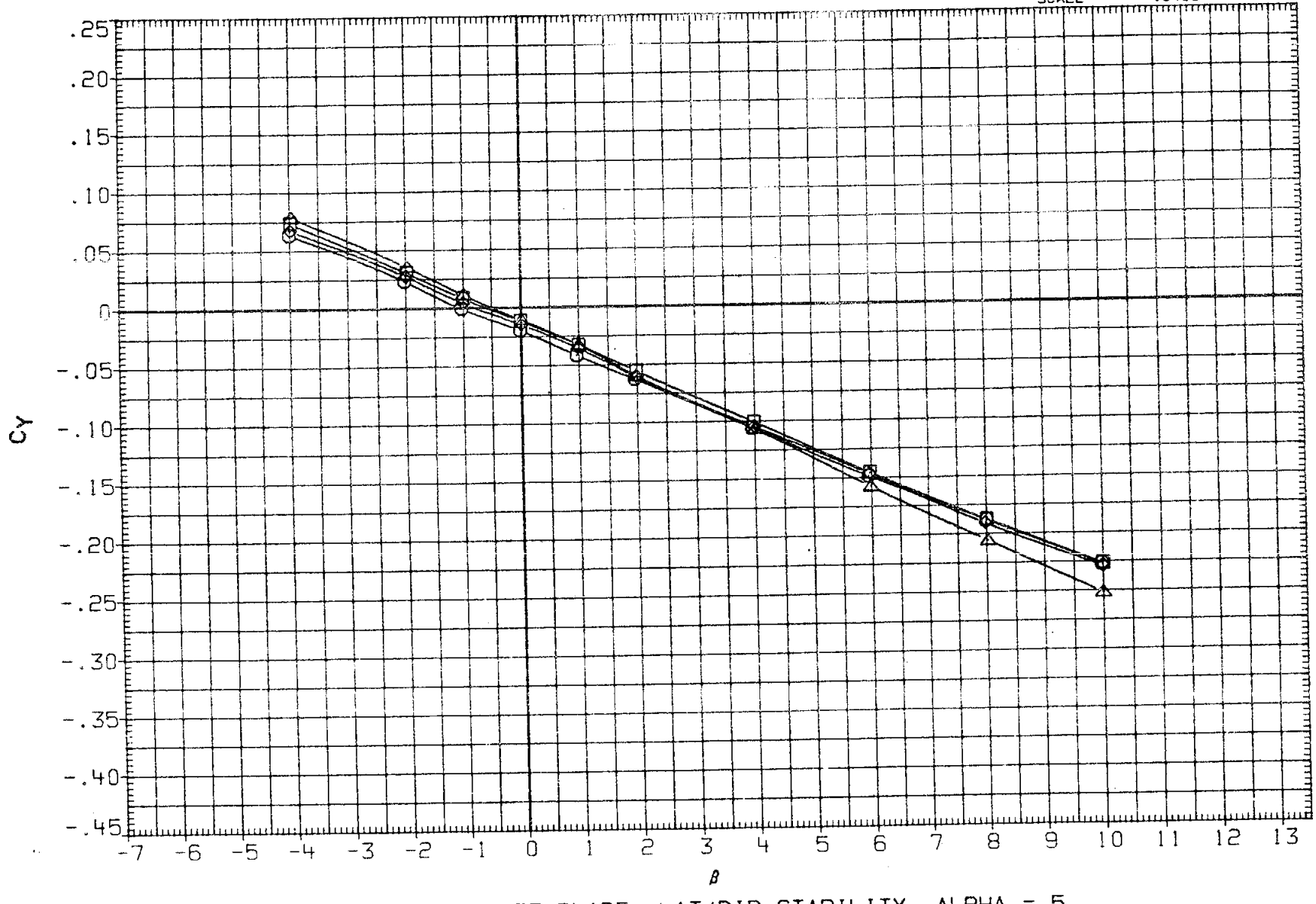

FIG 30 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ060	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

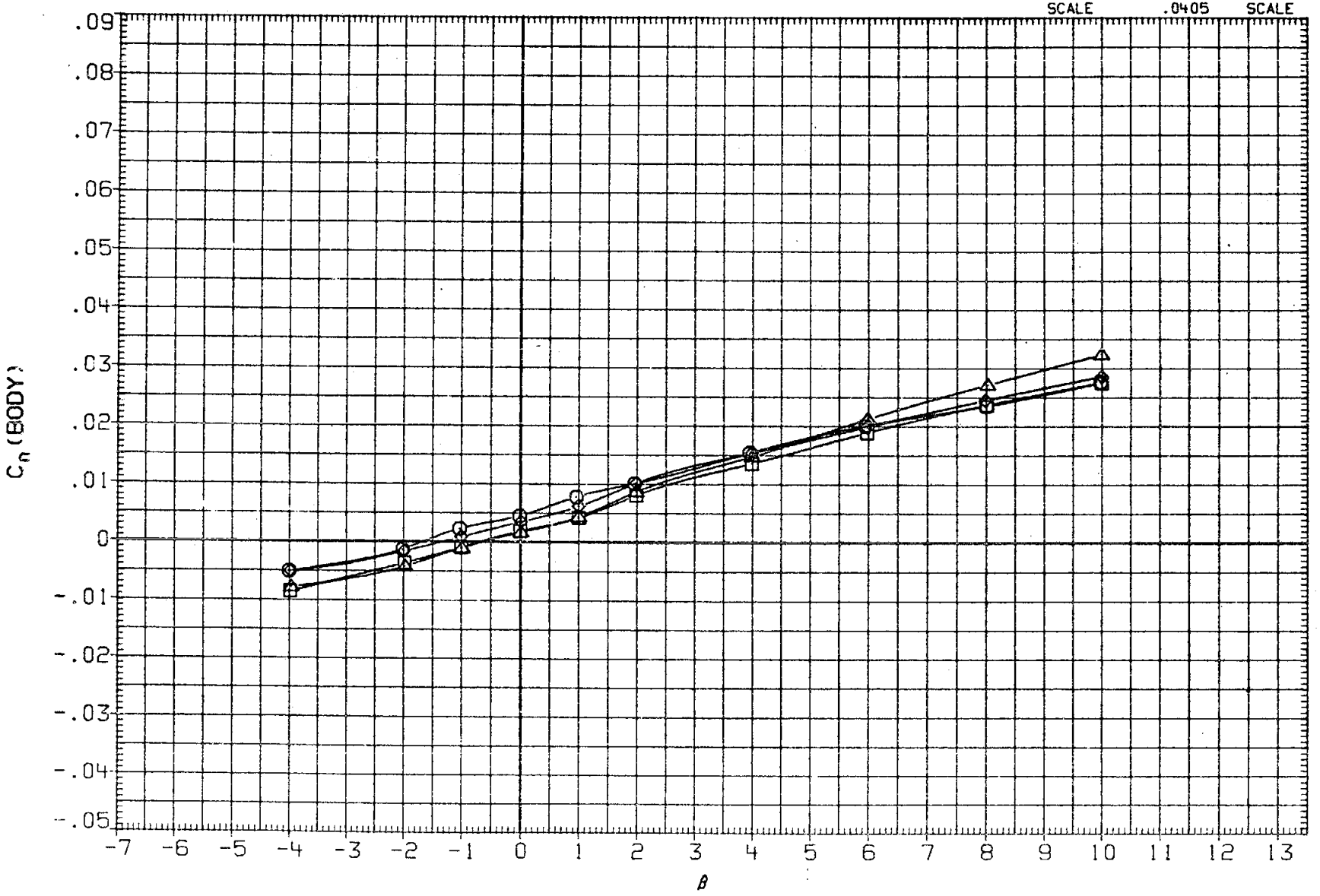

FIG 30 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BOFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ060	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

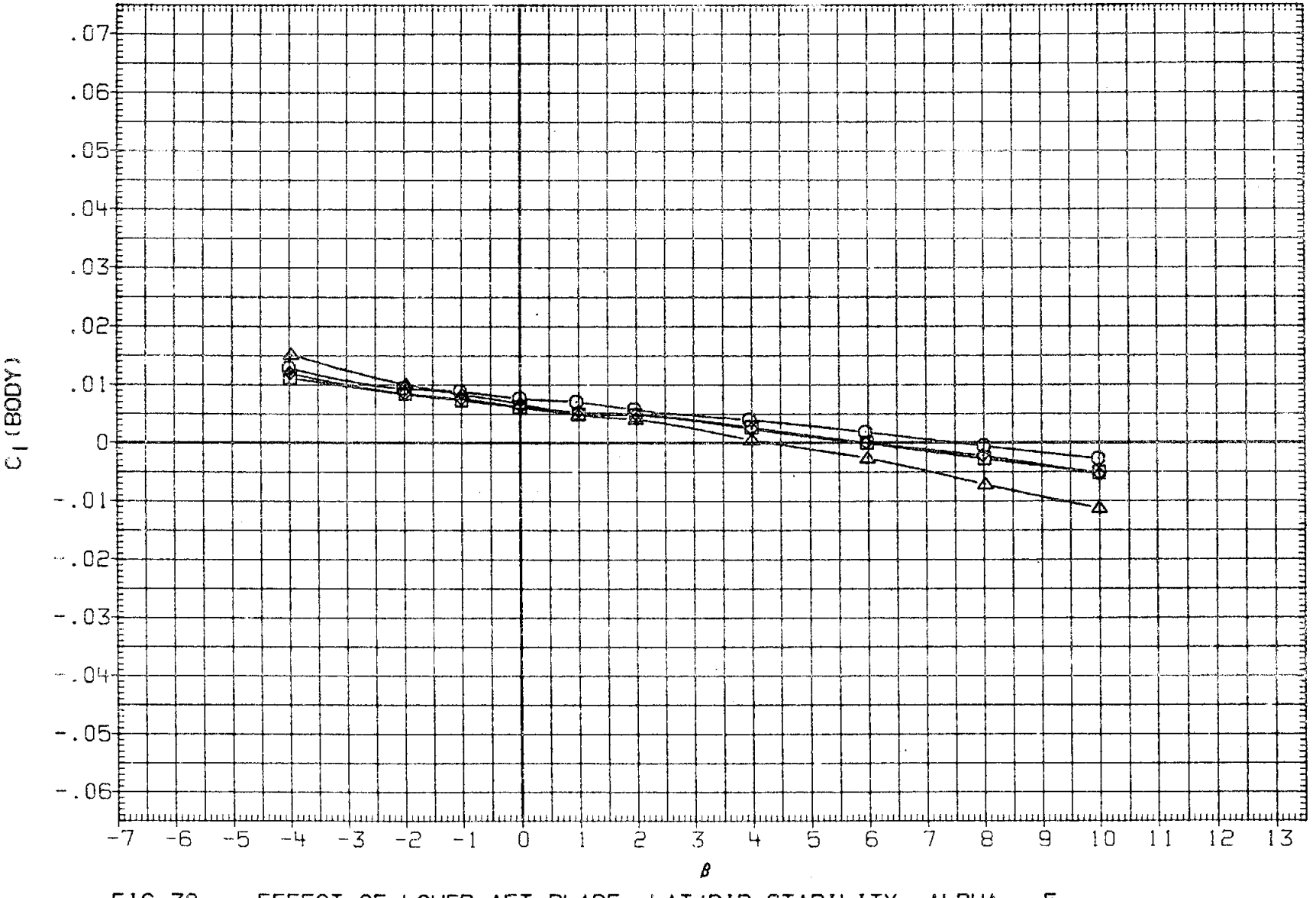

FIG 30 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ061	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	3.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

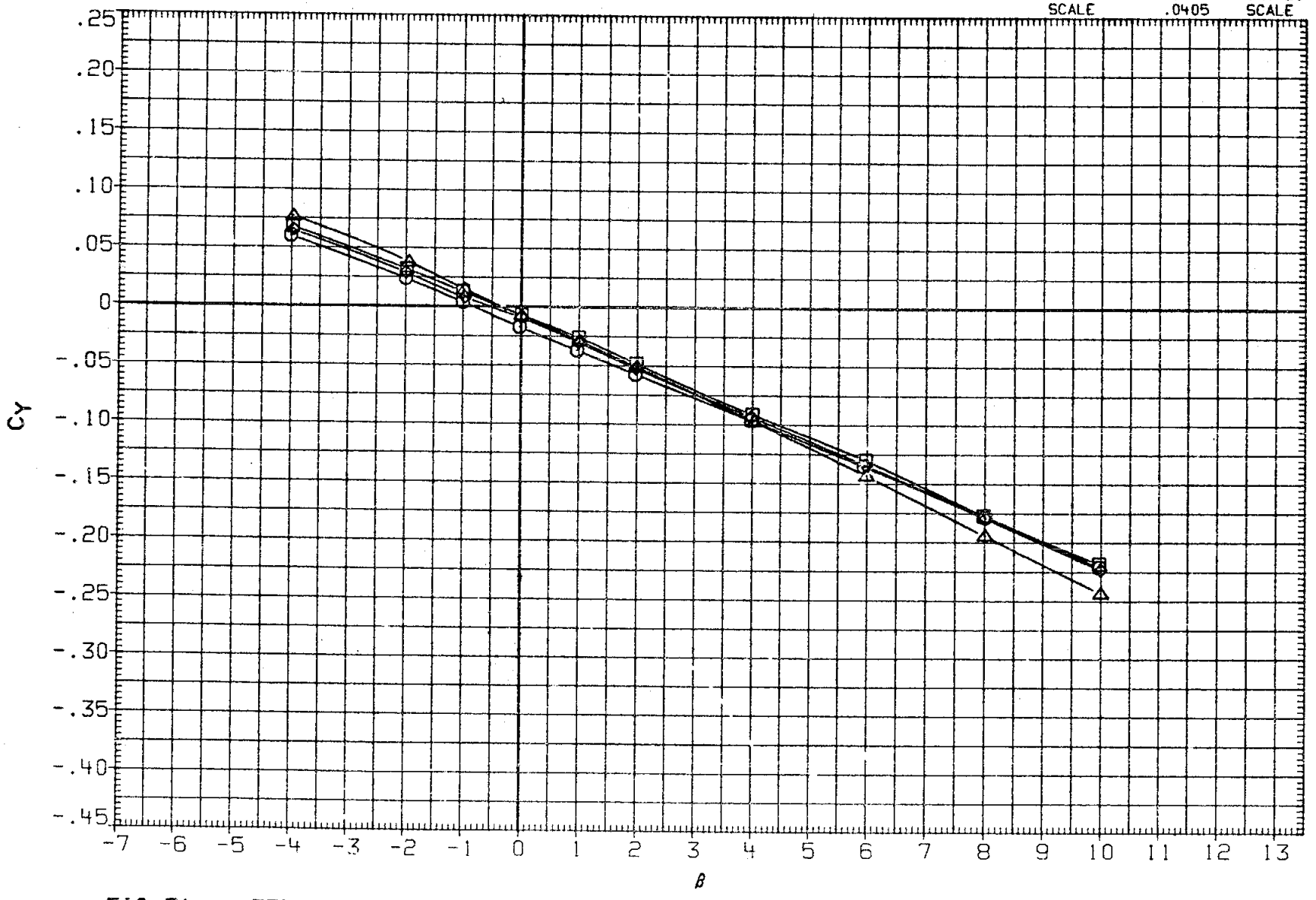

FIG 31 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ061	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

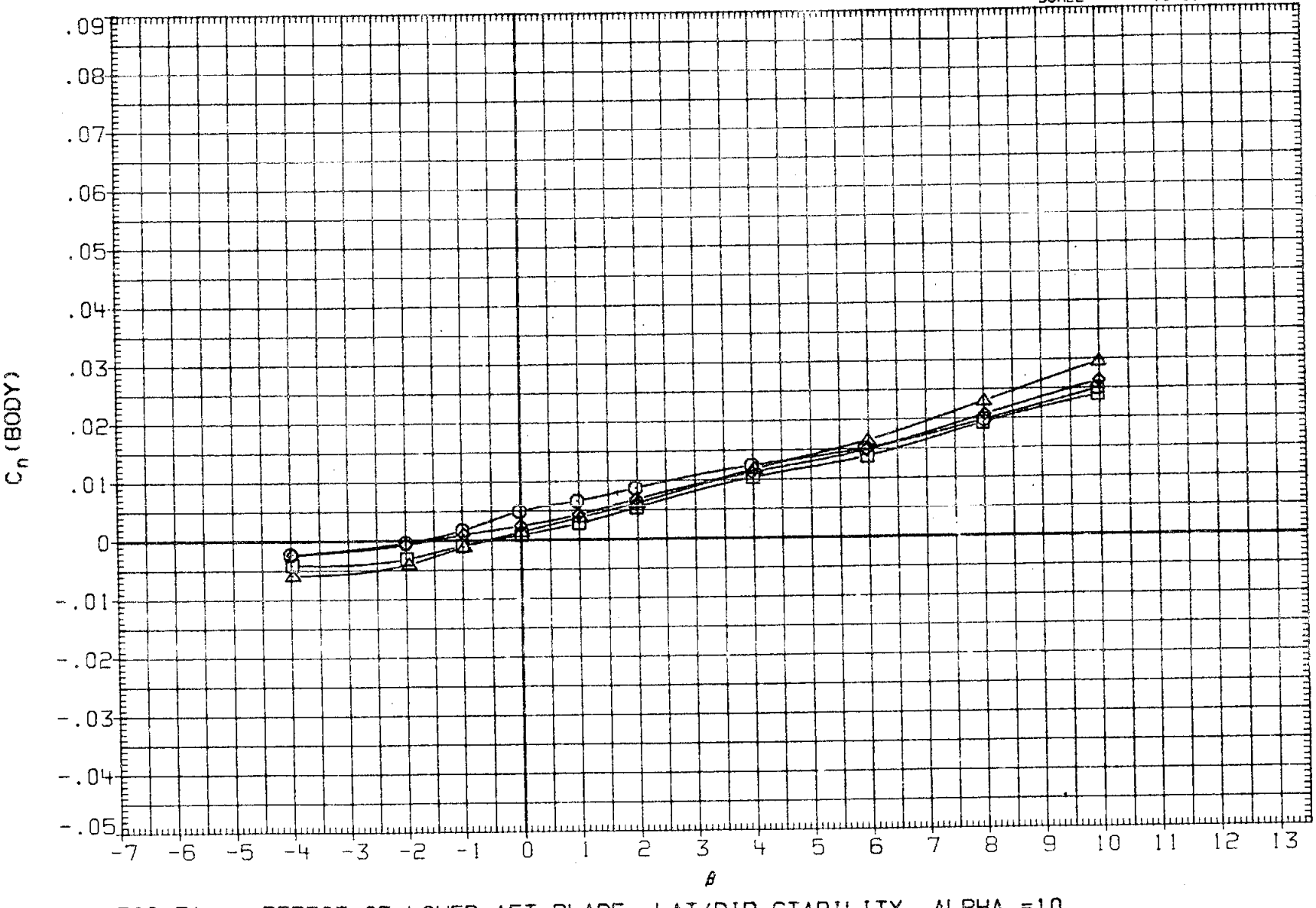

FIG 31 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ061	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

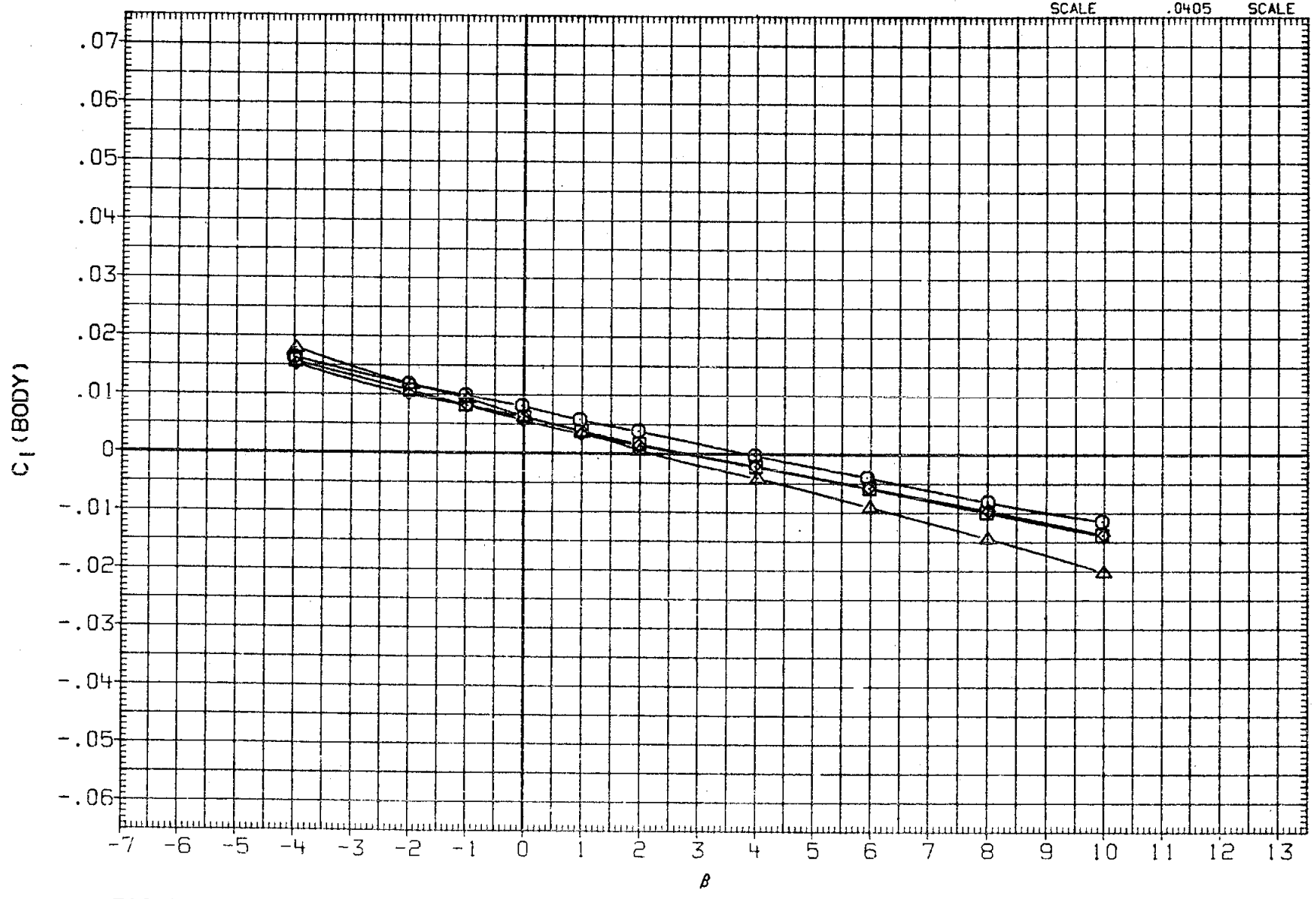

FIG 31 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ062	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

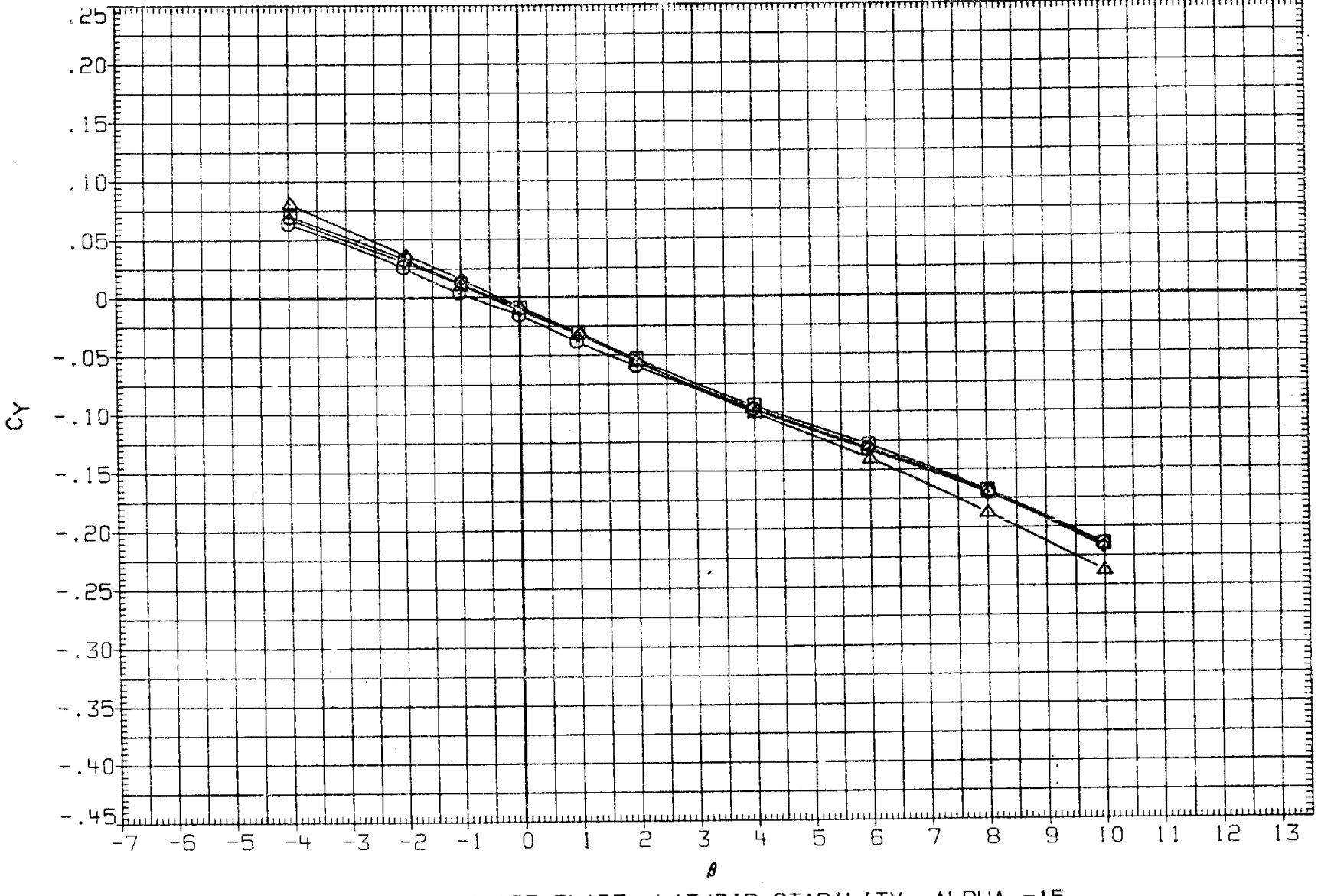

FIG 32 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ062	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

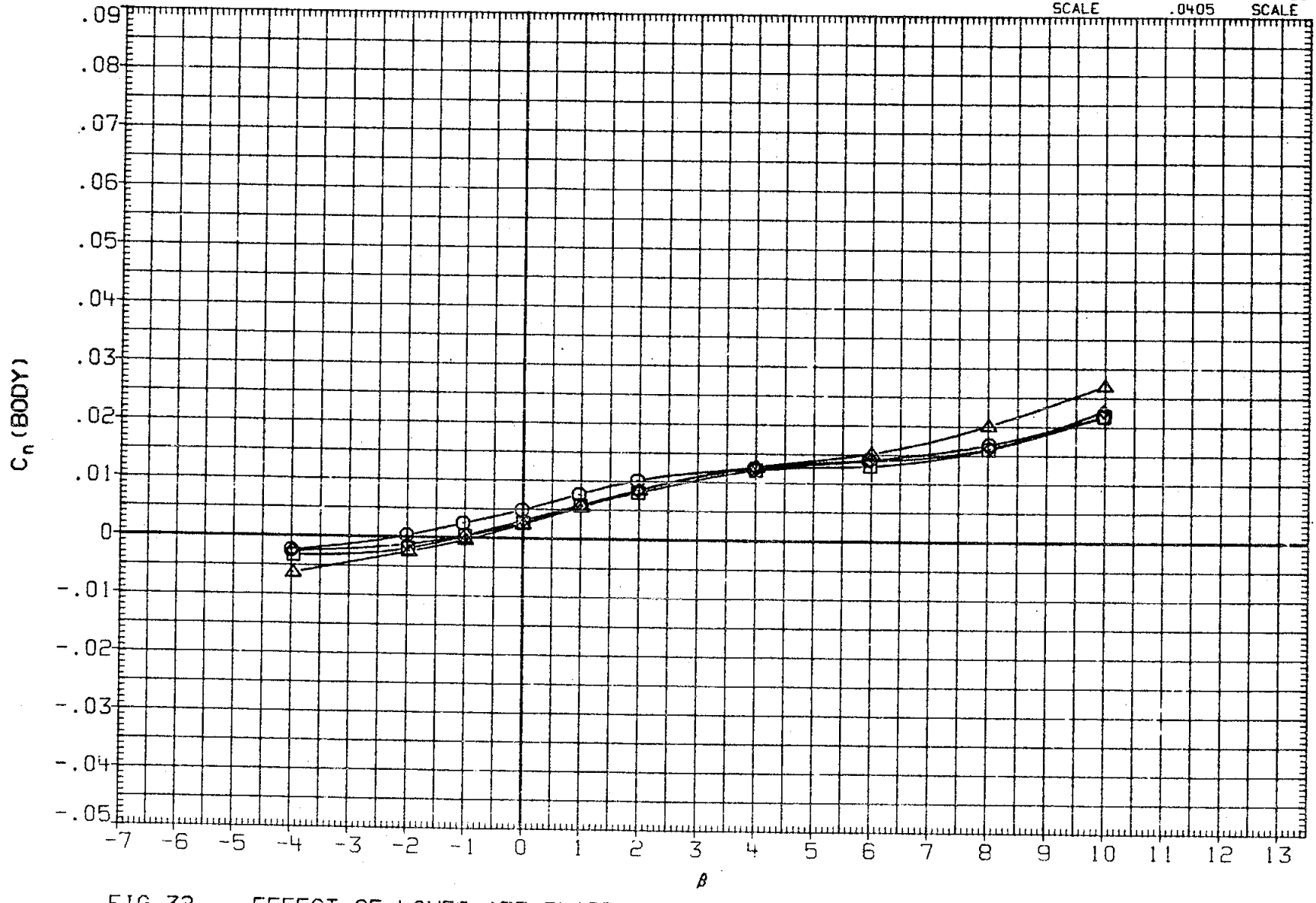

FIG 32 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STK	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ062	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

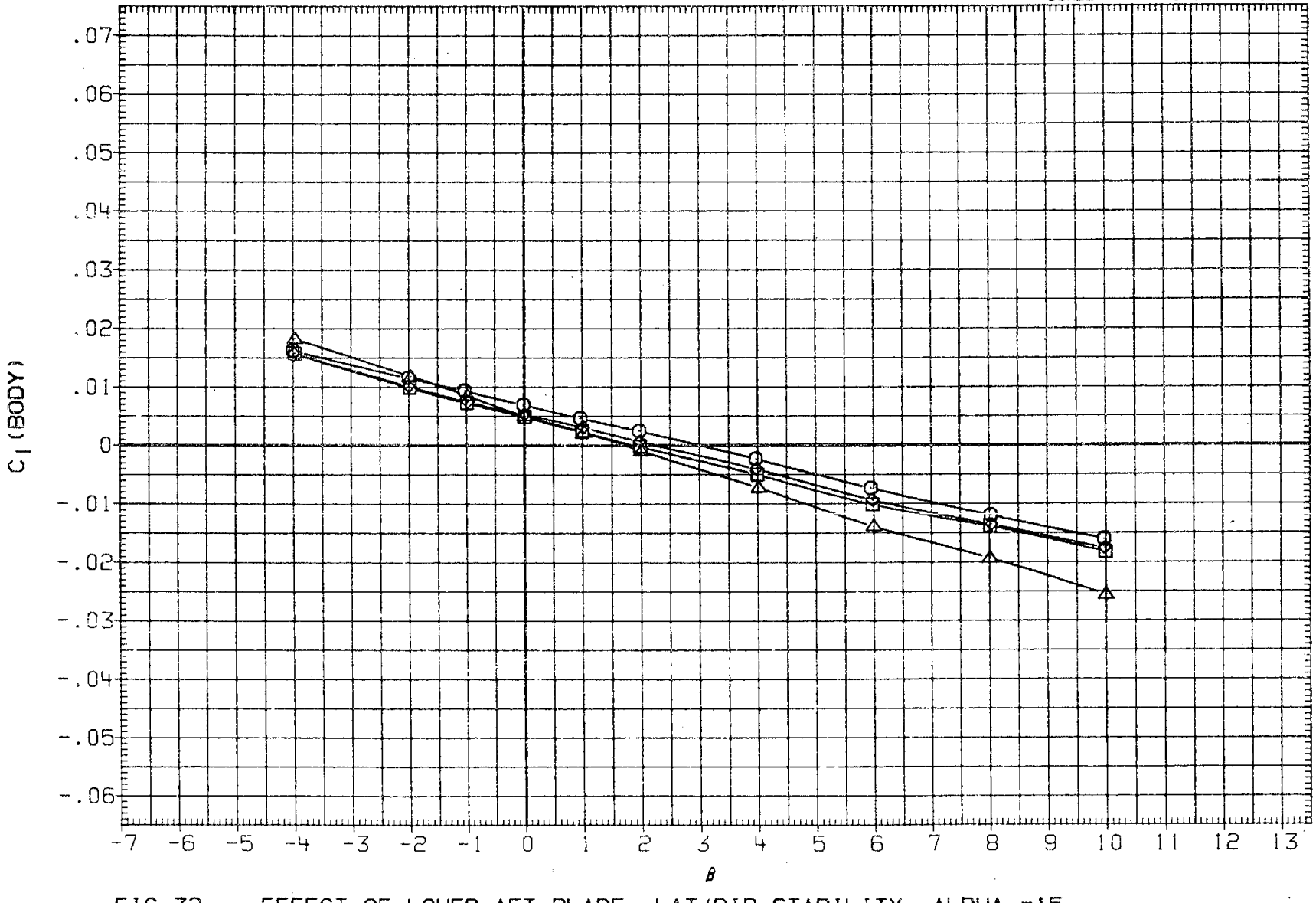

FIG 32 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ063	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	20.000

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	.0405	SCALE

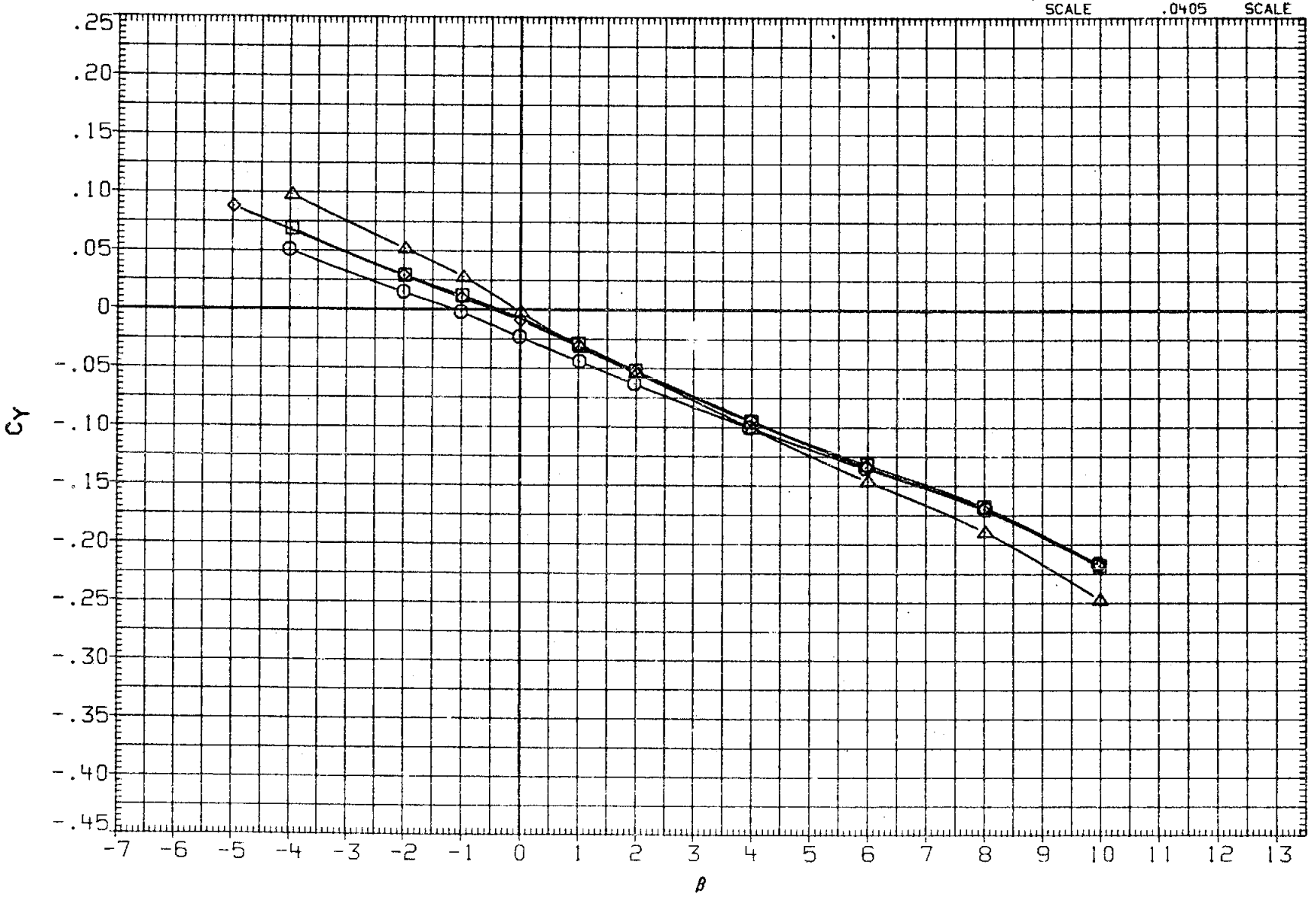

FIG 33 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ063	△	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	3.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

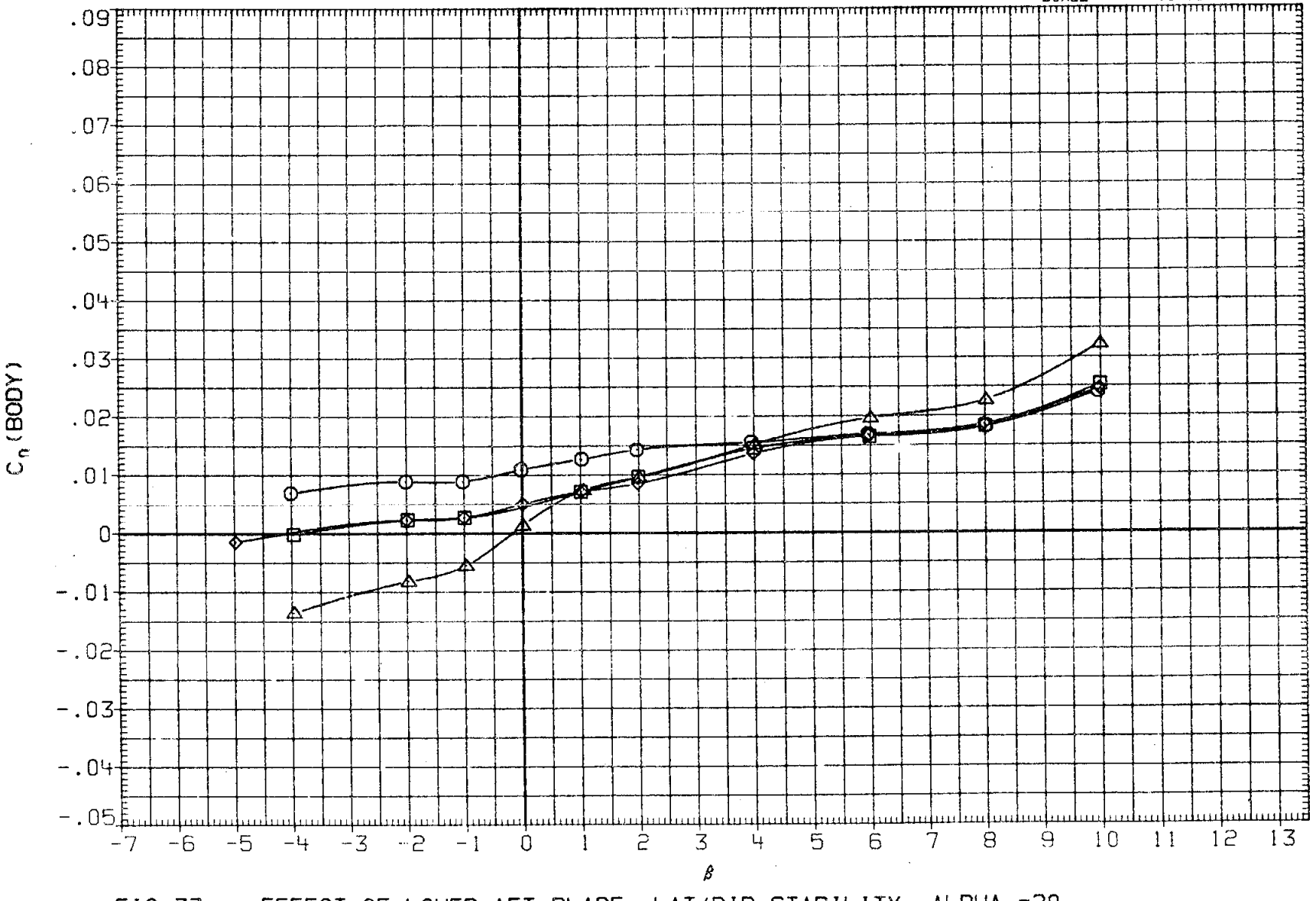

FIG 33 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ063	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	3.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

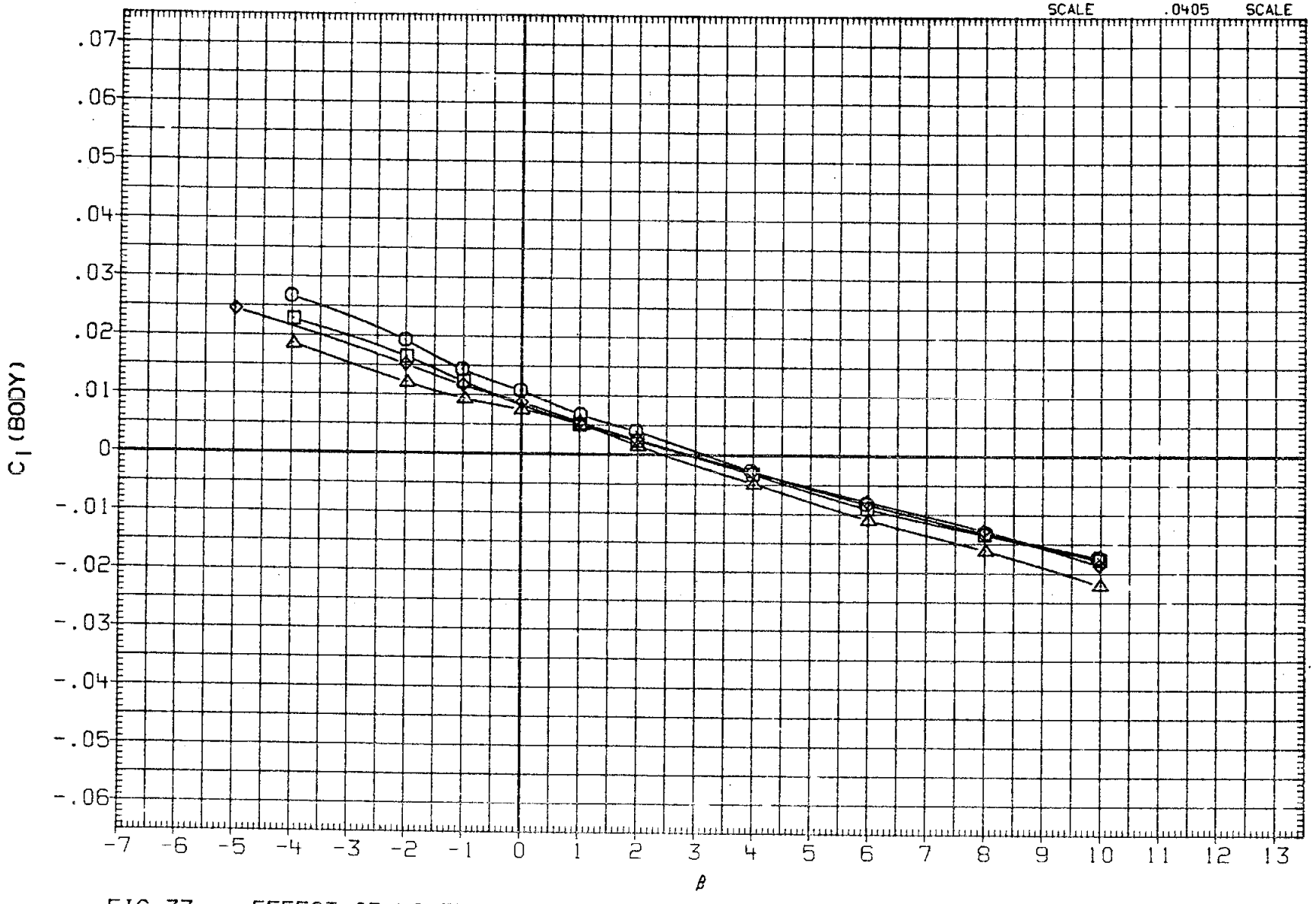

FIG 33 EFFECT OF LOWER AFT BLADE, LAT/DIR STABILITY, ALPHA =20

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	▷	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

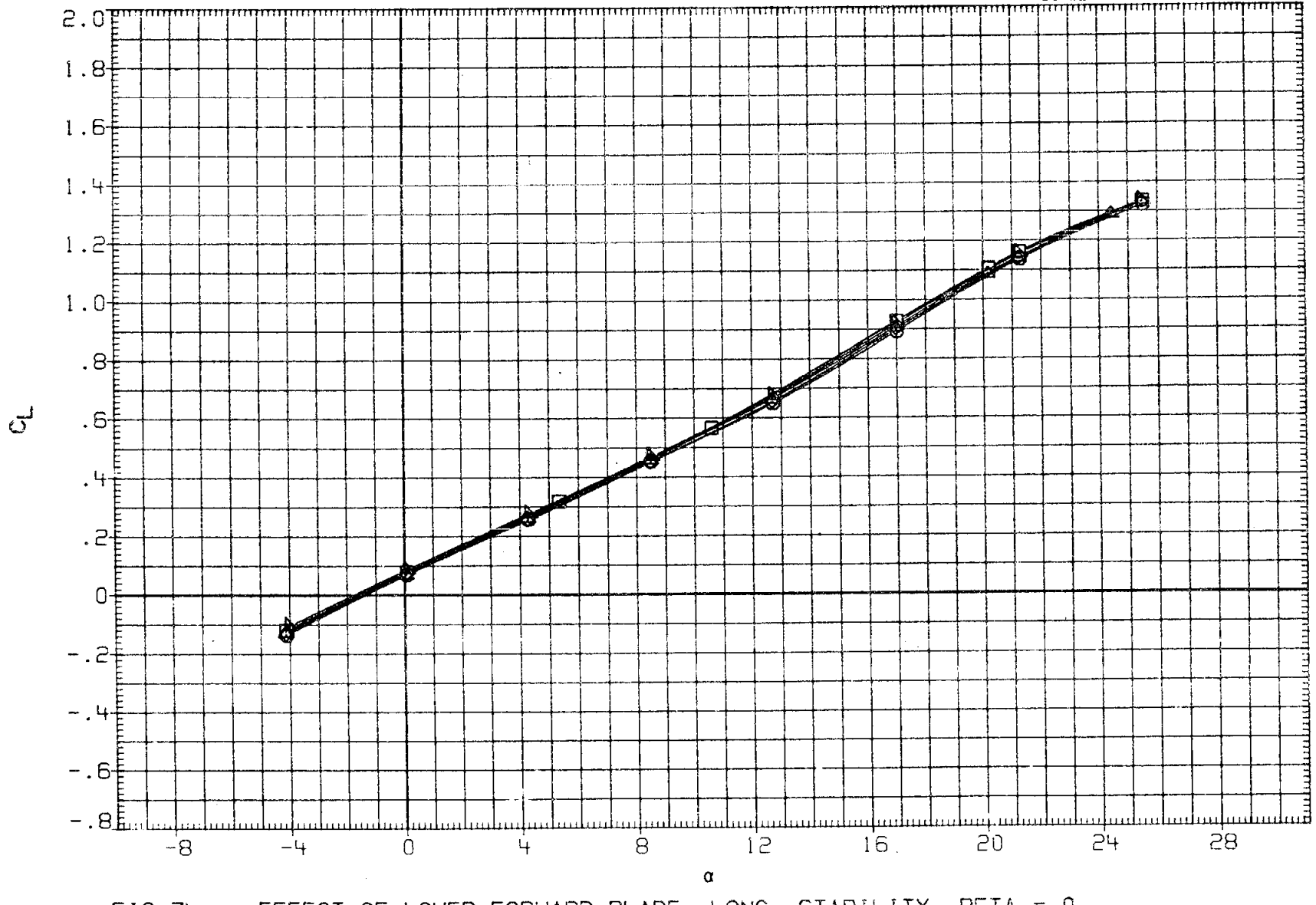

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

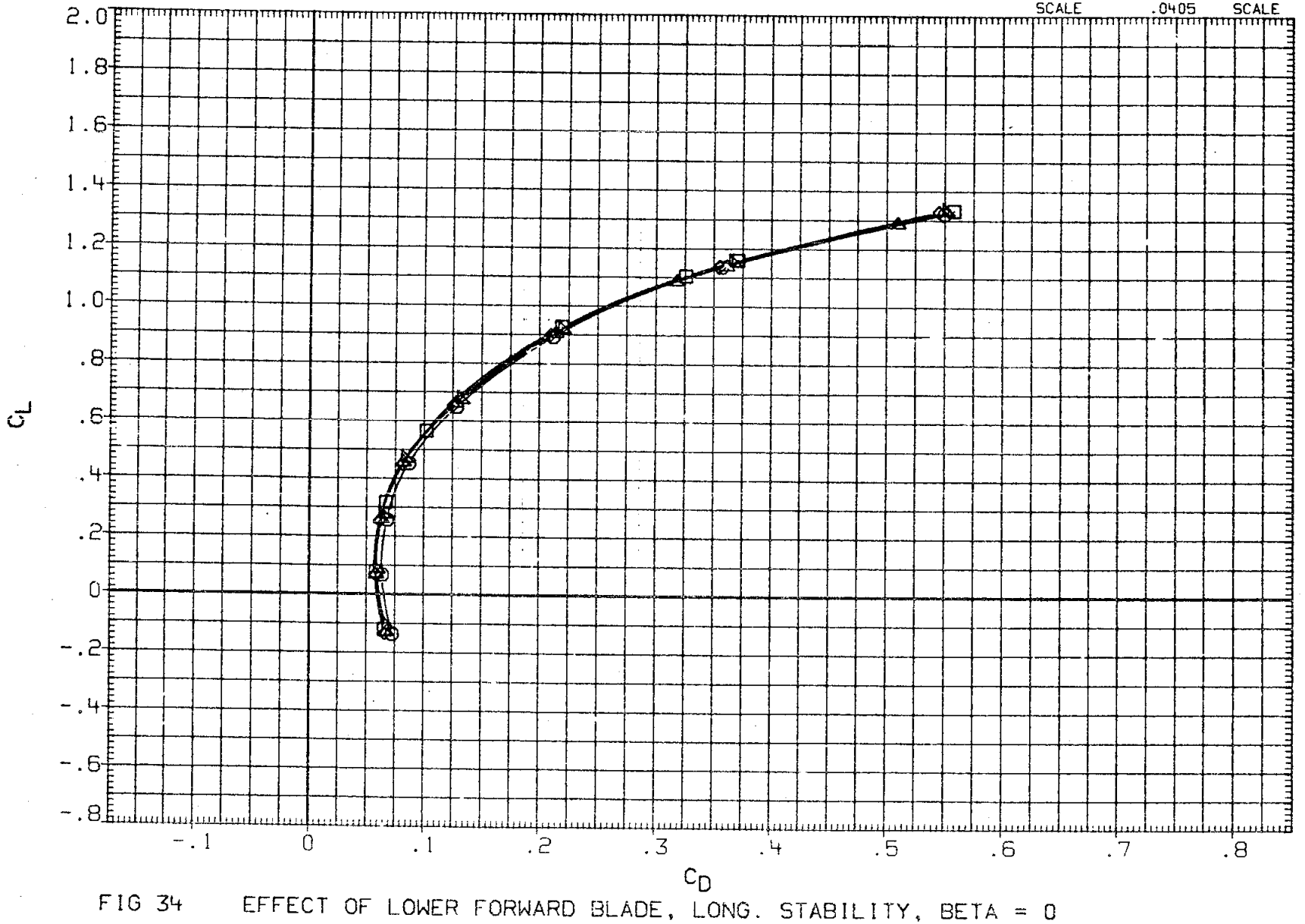

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

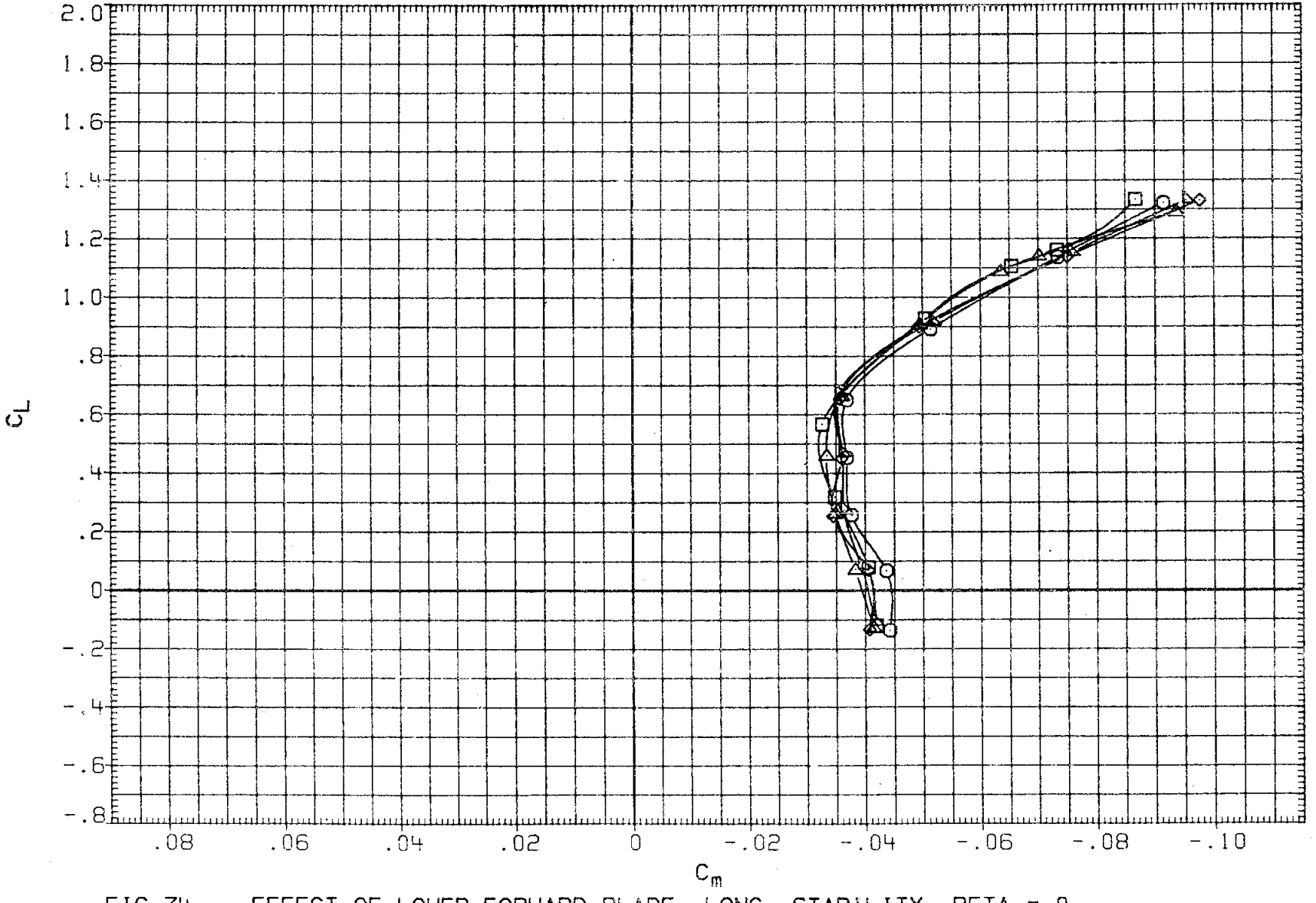

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	◺	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

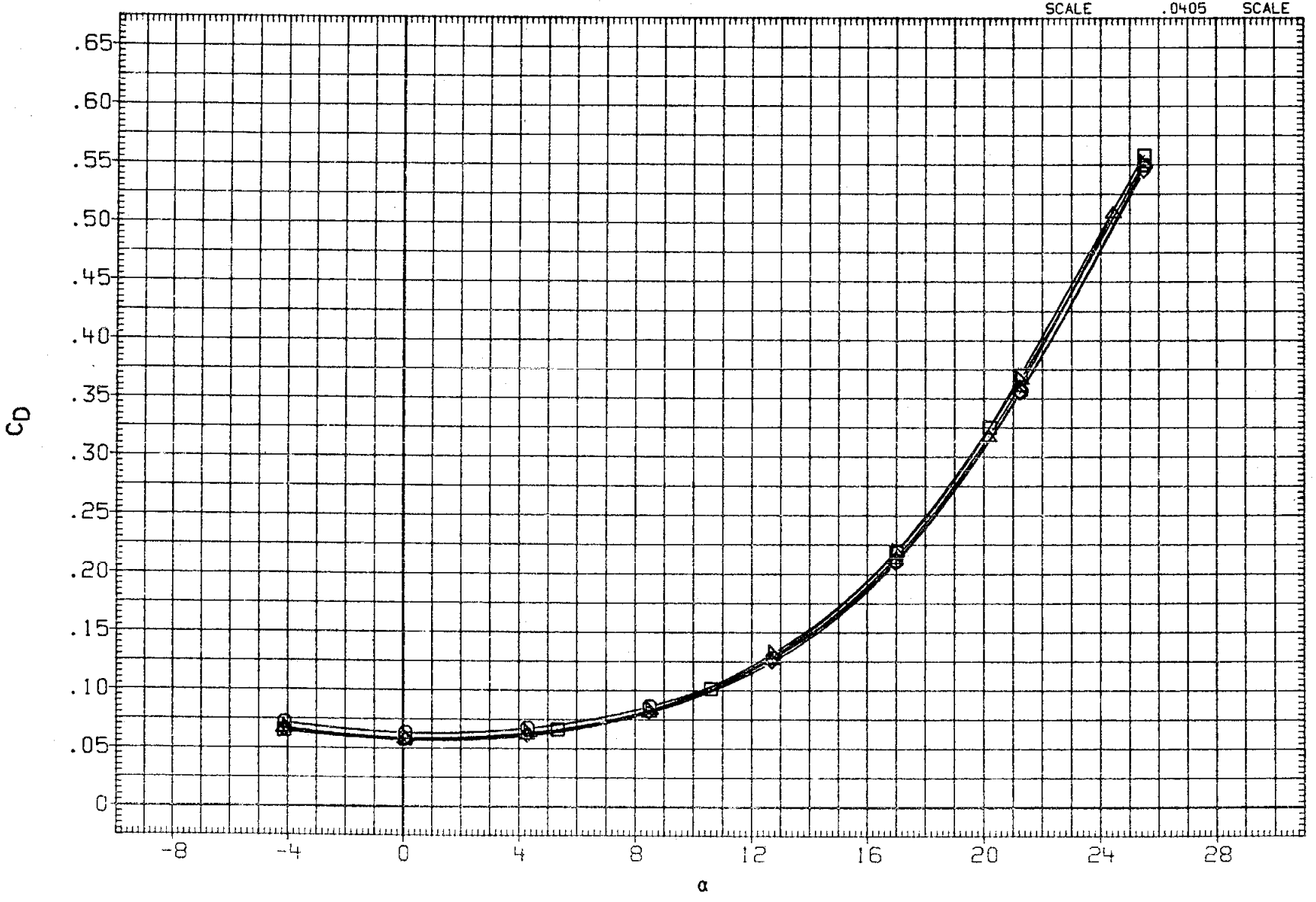

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	▷	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION

SREF	2890.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

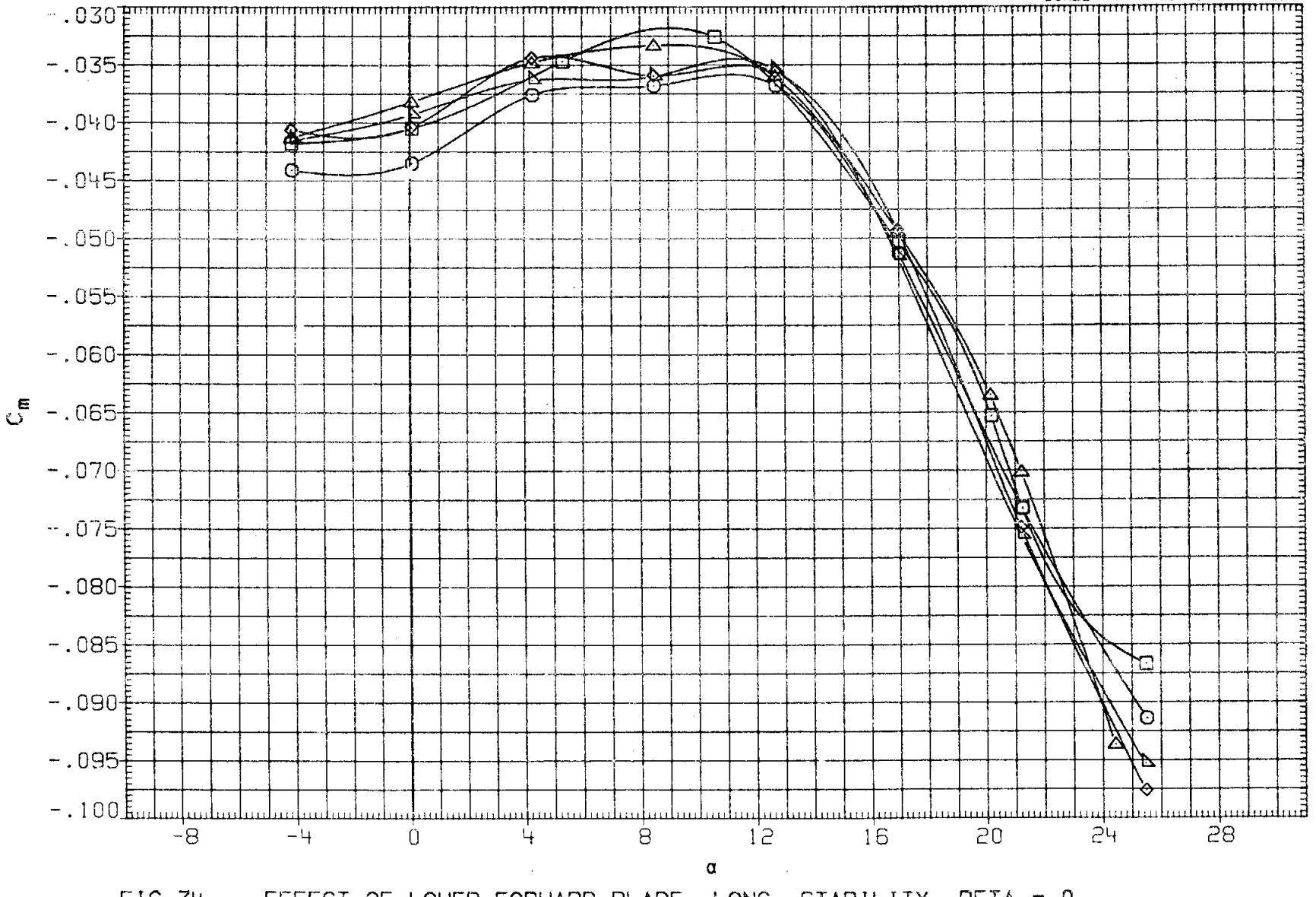

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

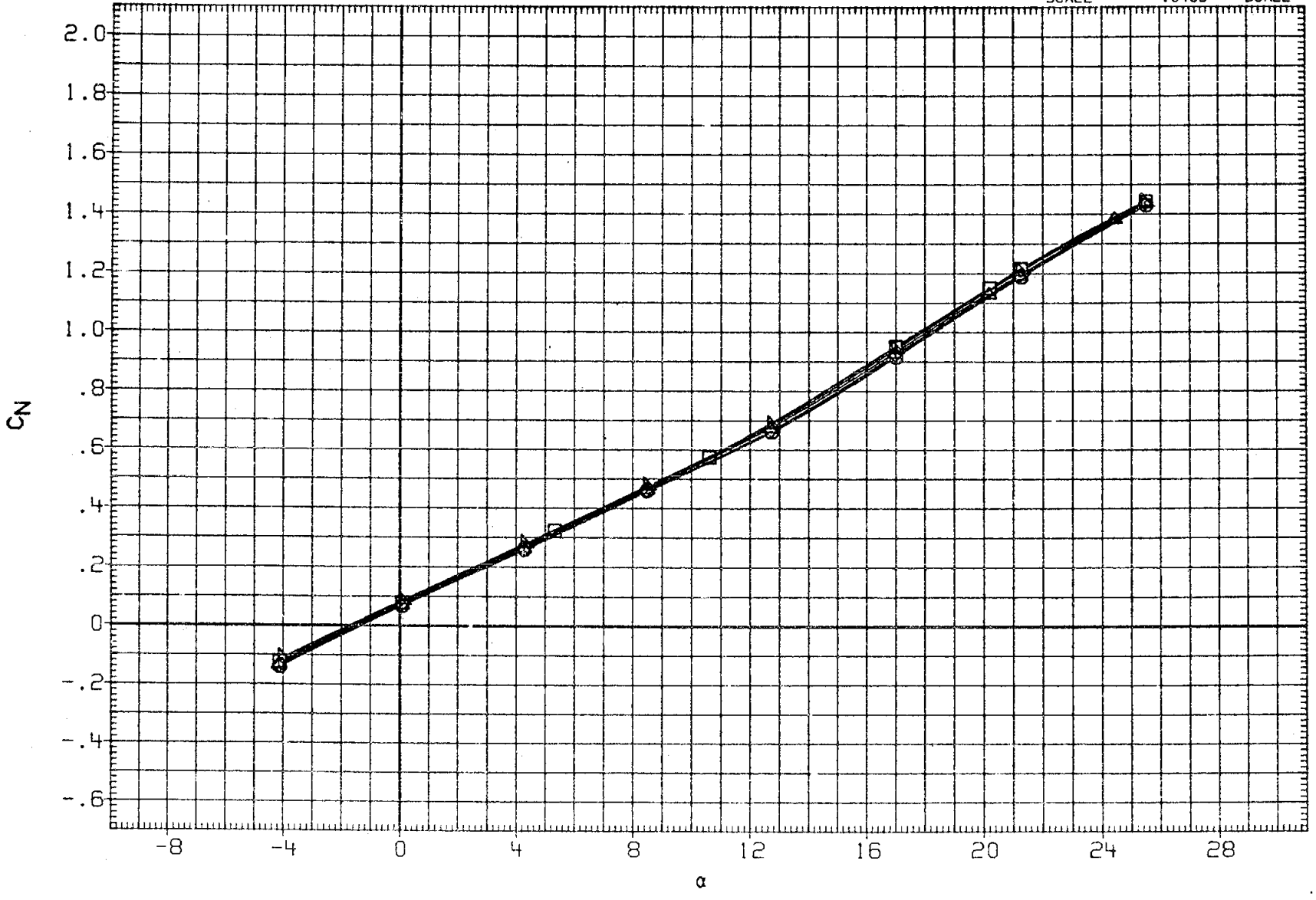

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

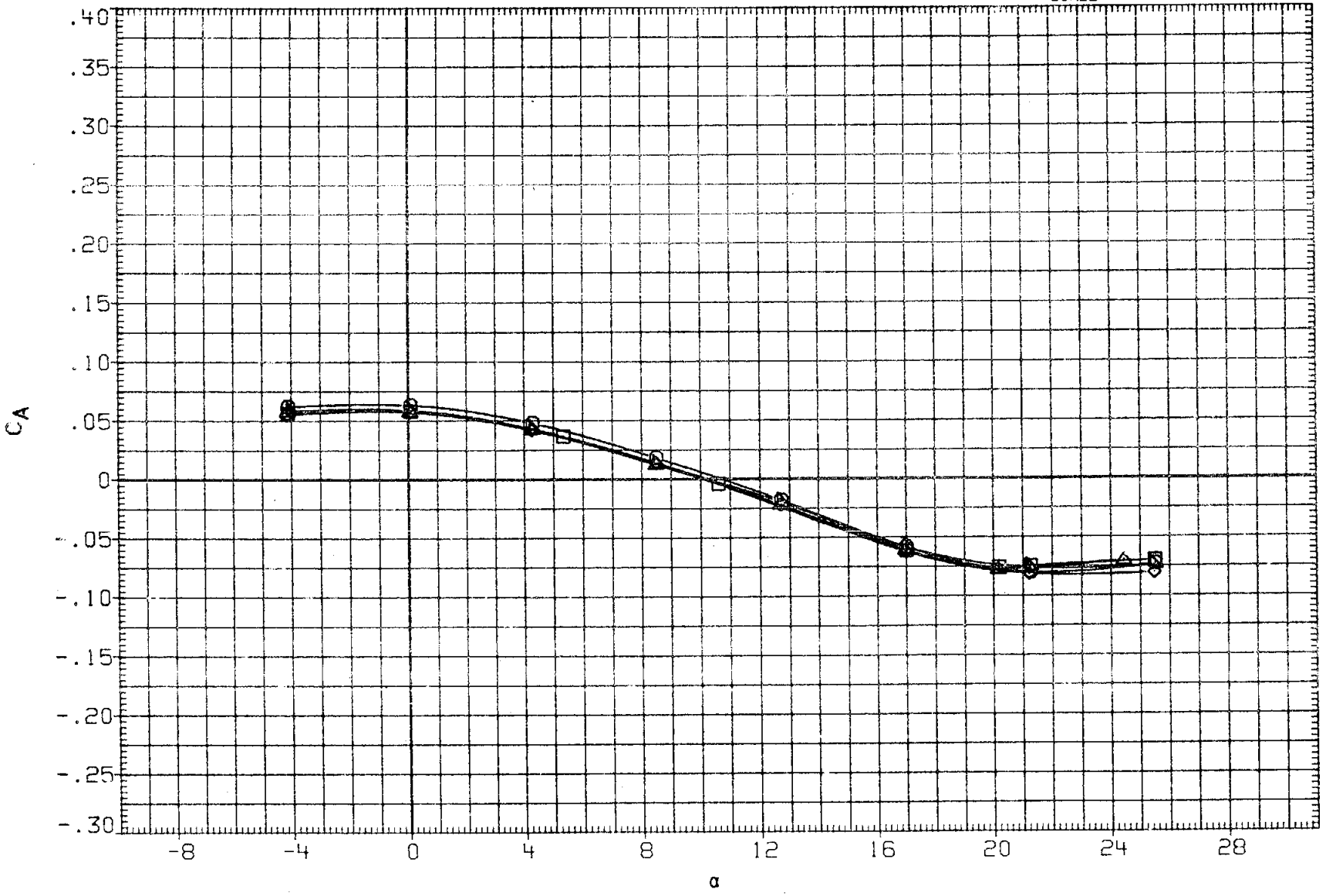

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	◁	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

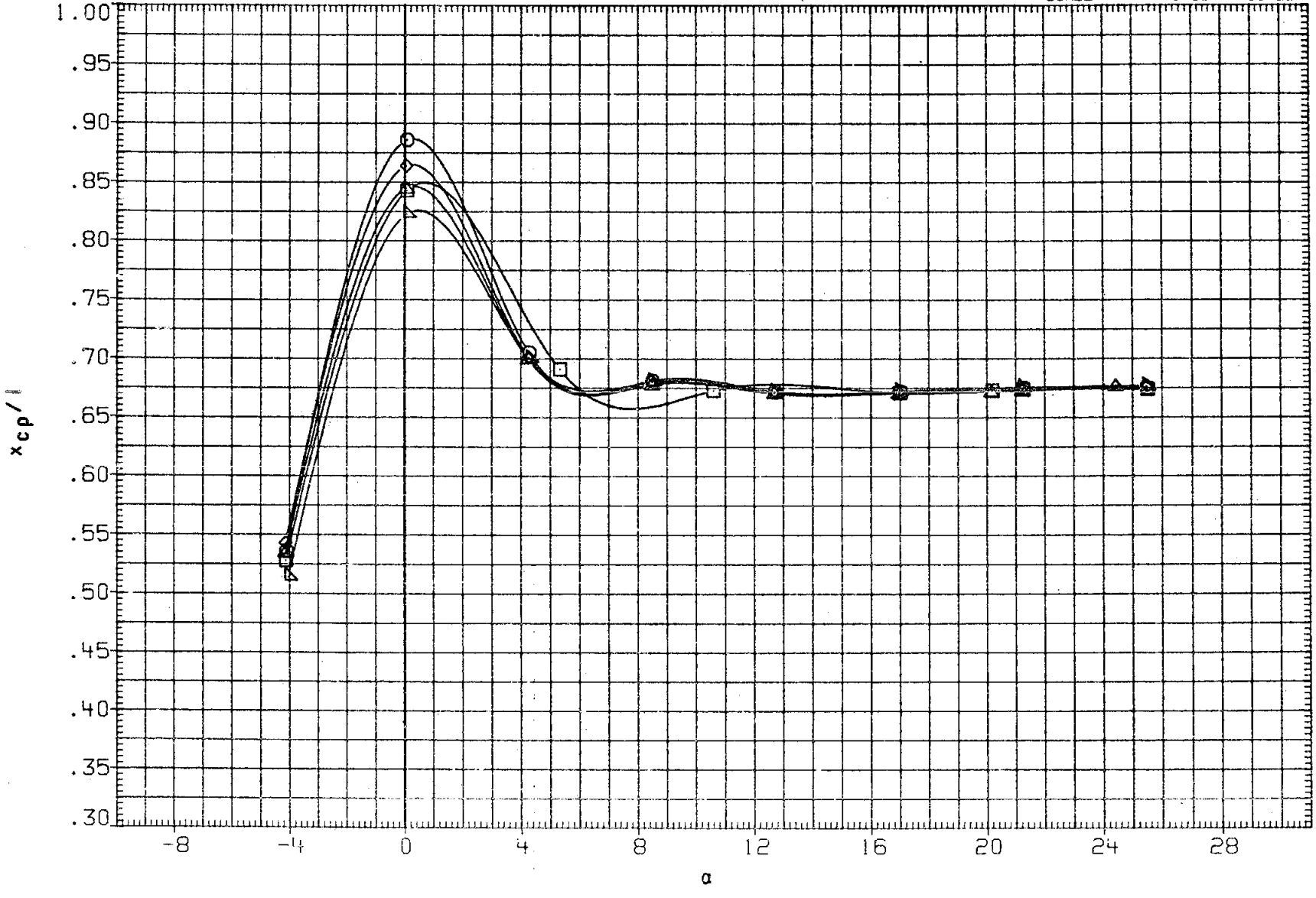

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	BETA
RFJ001	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ064	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ117	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ071	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ092	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

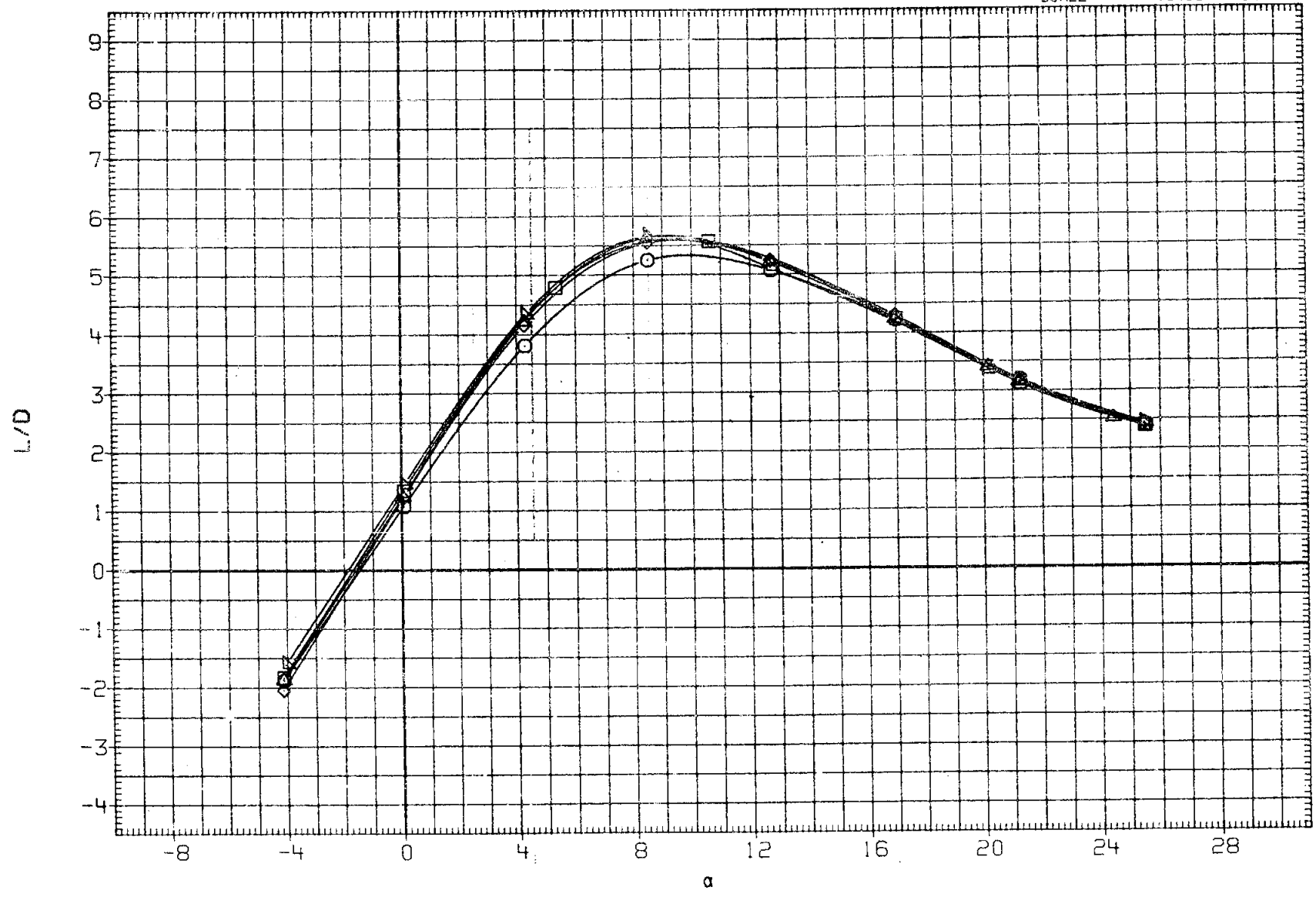

FIG 34 EFFECT OF LOWER FORWARD BLADE, LONG. STABILITY, BETA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ072	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ093	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

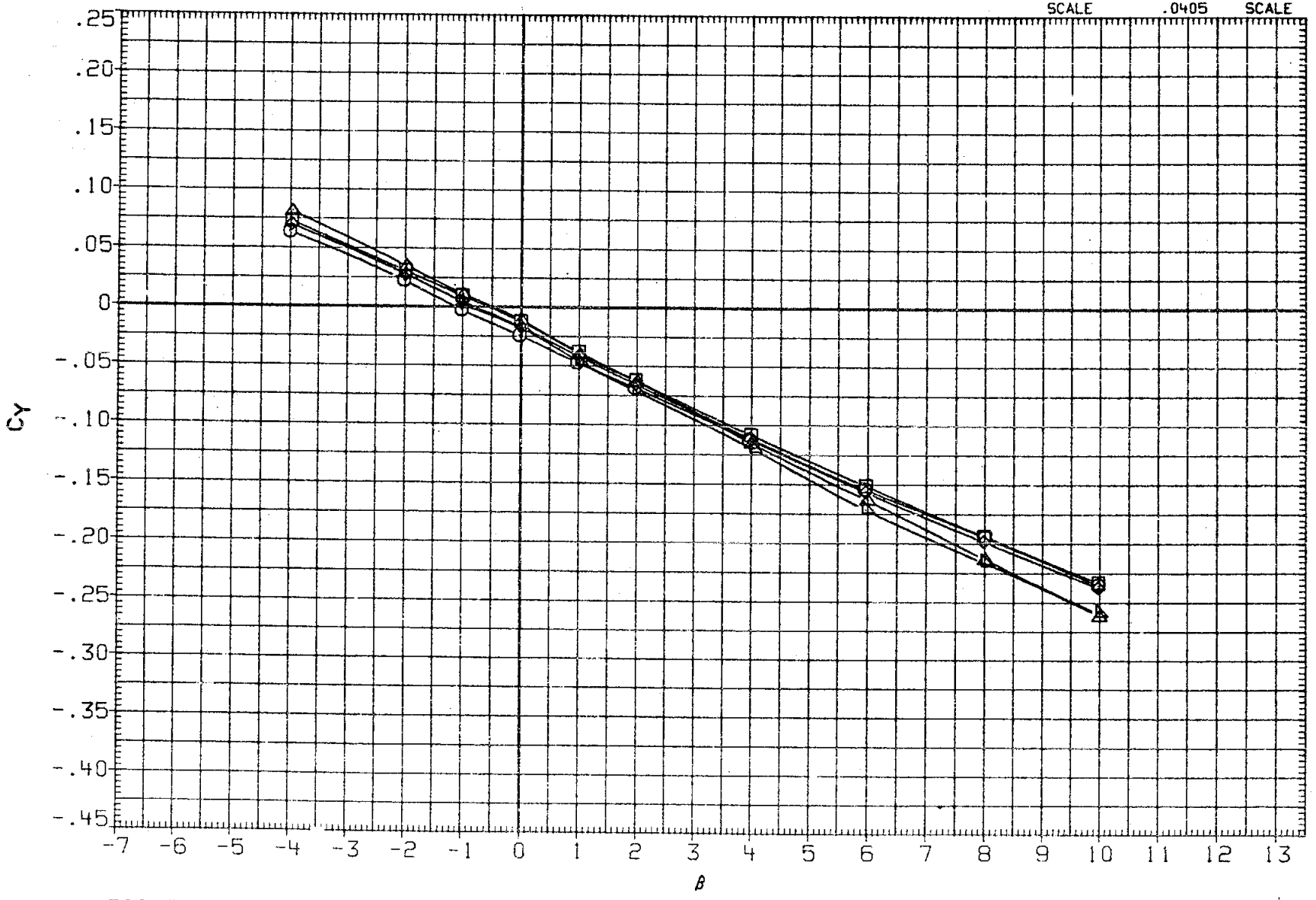

FIG 35 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ072	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ093	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

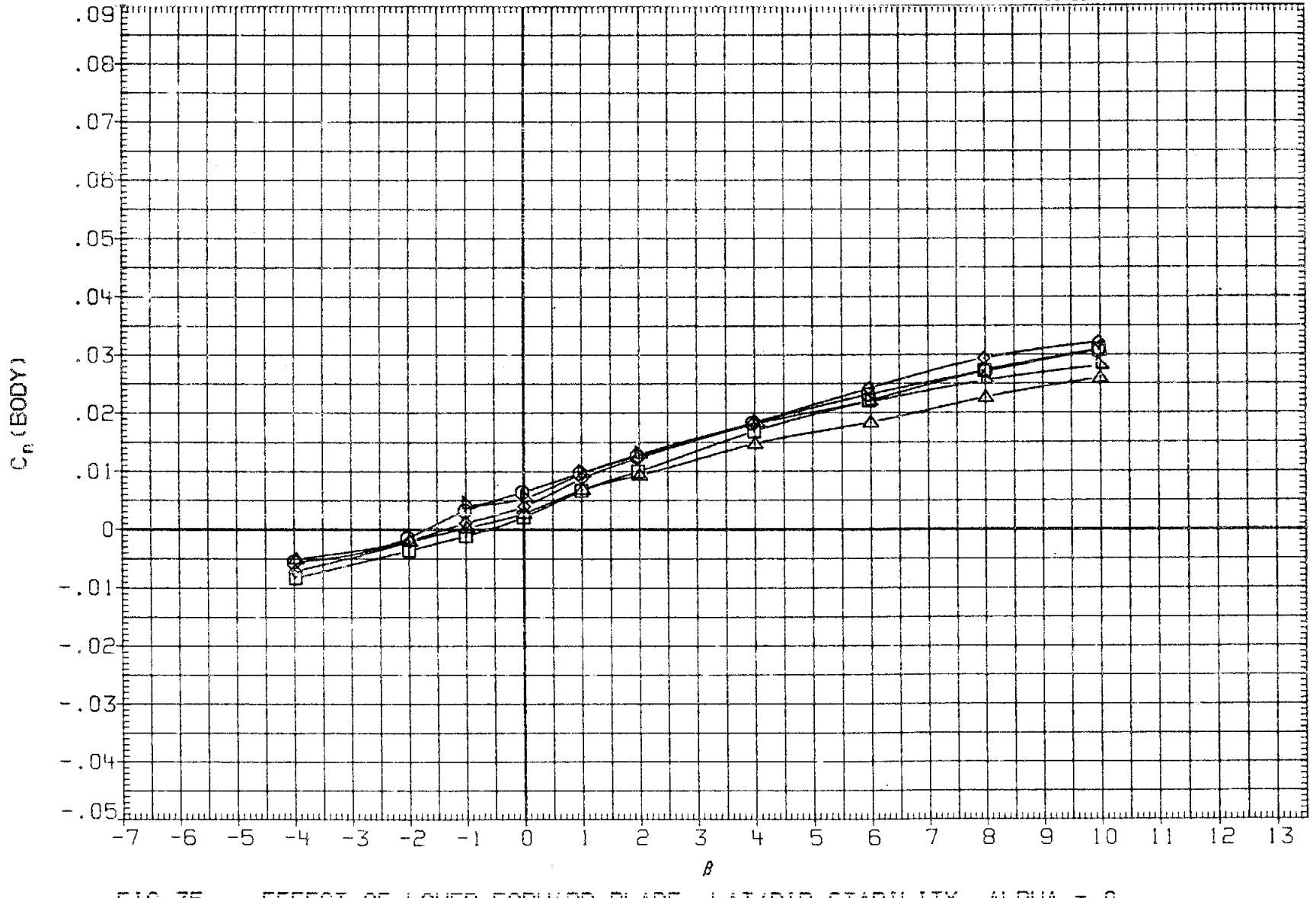

FIG 35 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ003	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		.000
RFJ065	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ118	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	.000
RFJ072	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000
RFJ093	▷	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

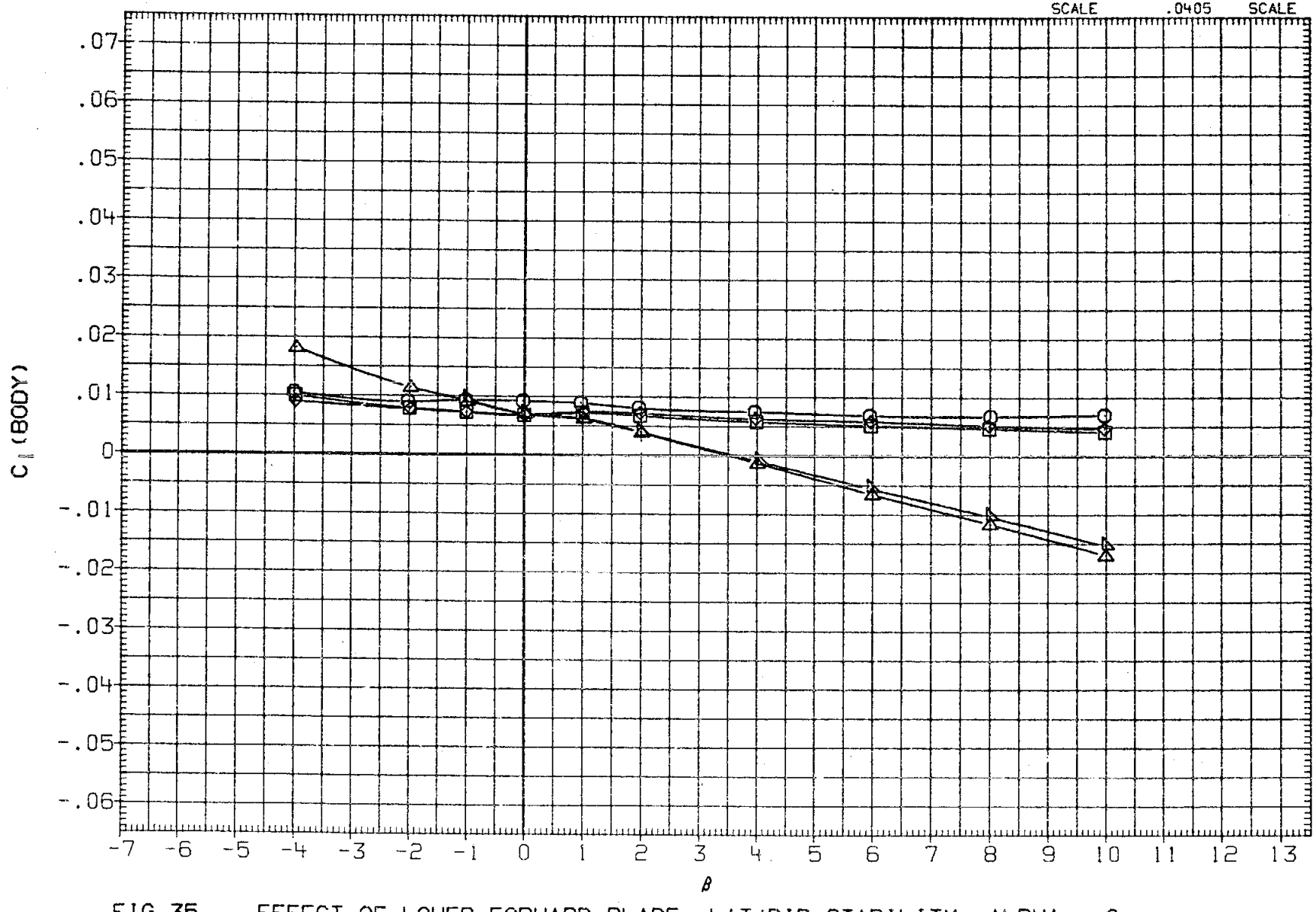

FIG 35 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ073	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ094	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

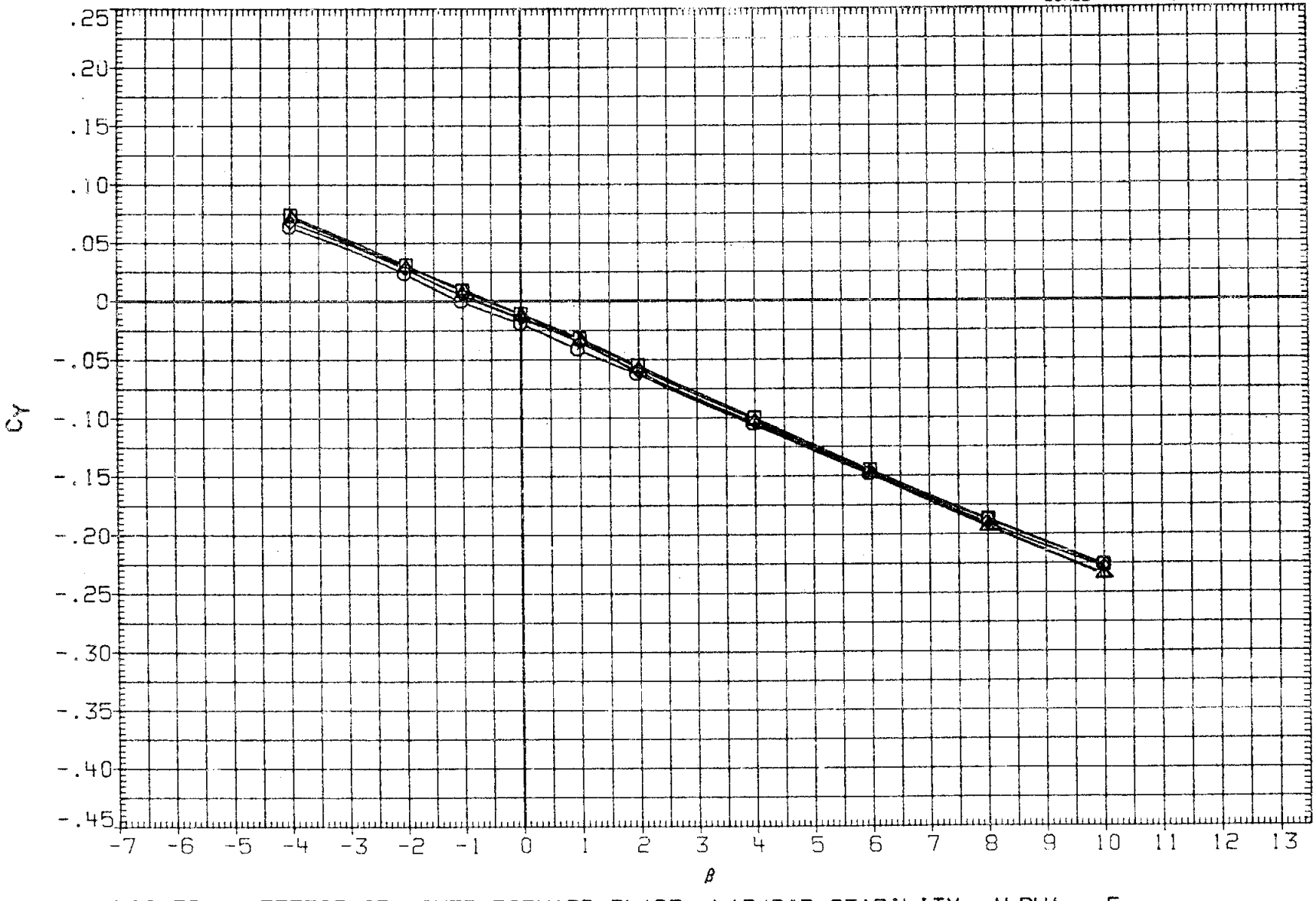

FIG 36 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ073	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ094	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

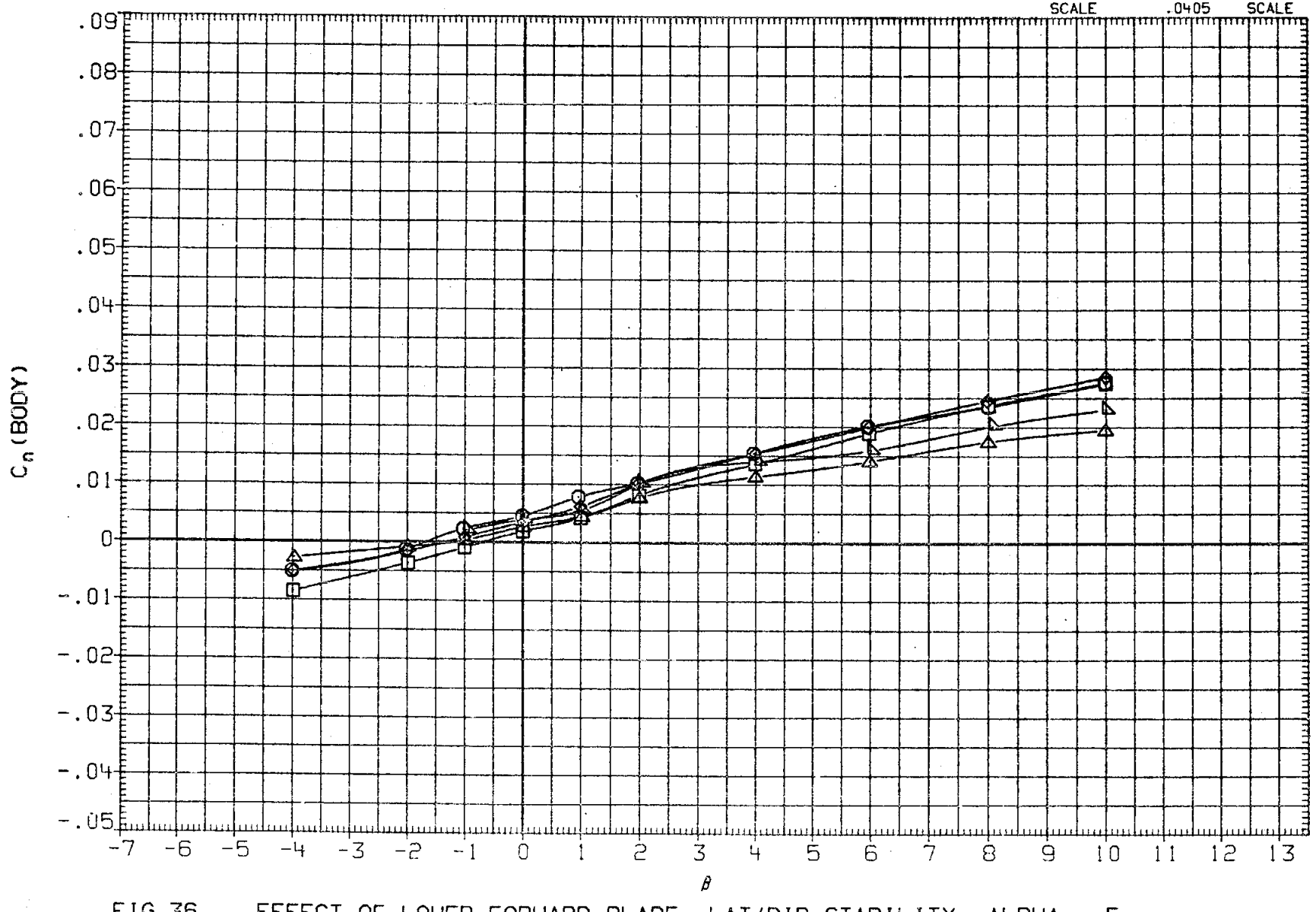

FIG 36 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	STM	ALPHA
RFJ004	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		5.000
RFJ066	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ119	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	5.000
RFJ073	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ094	◺	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

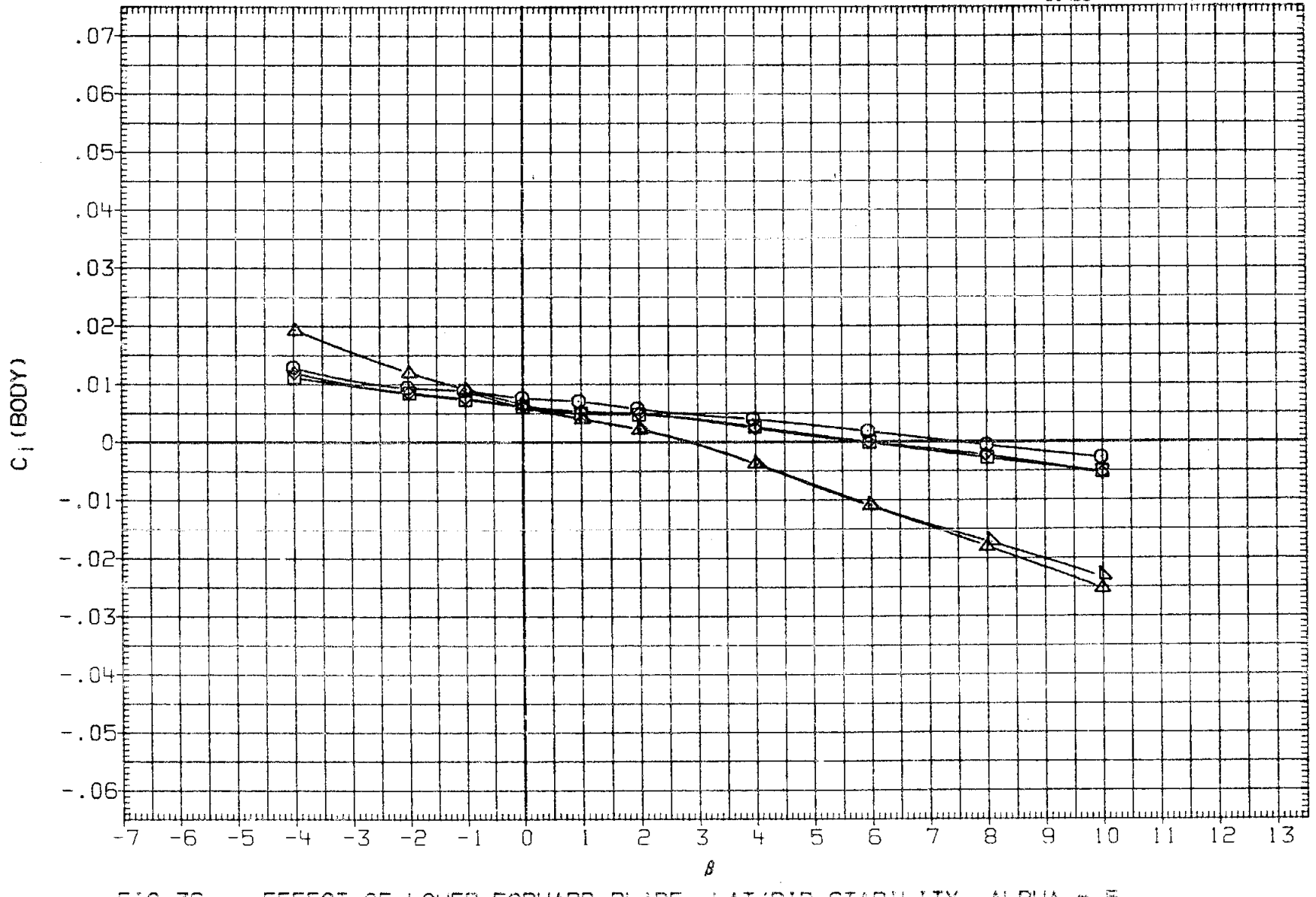

FIG 36 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ005	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ074	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000
RFJ095	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

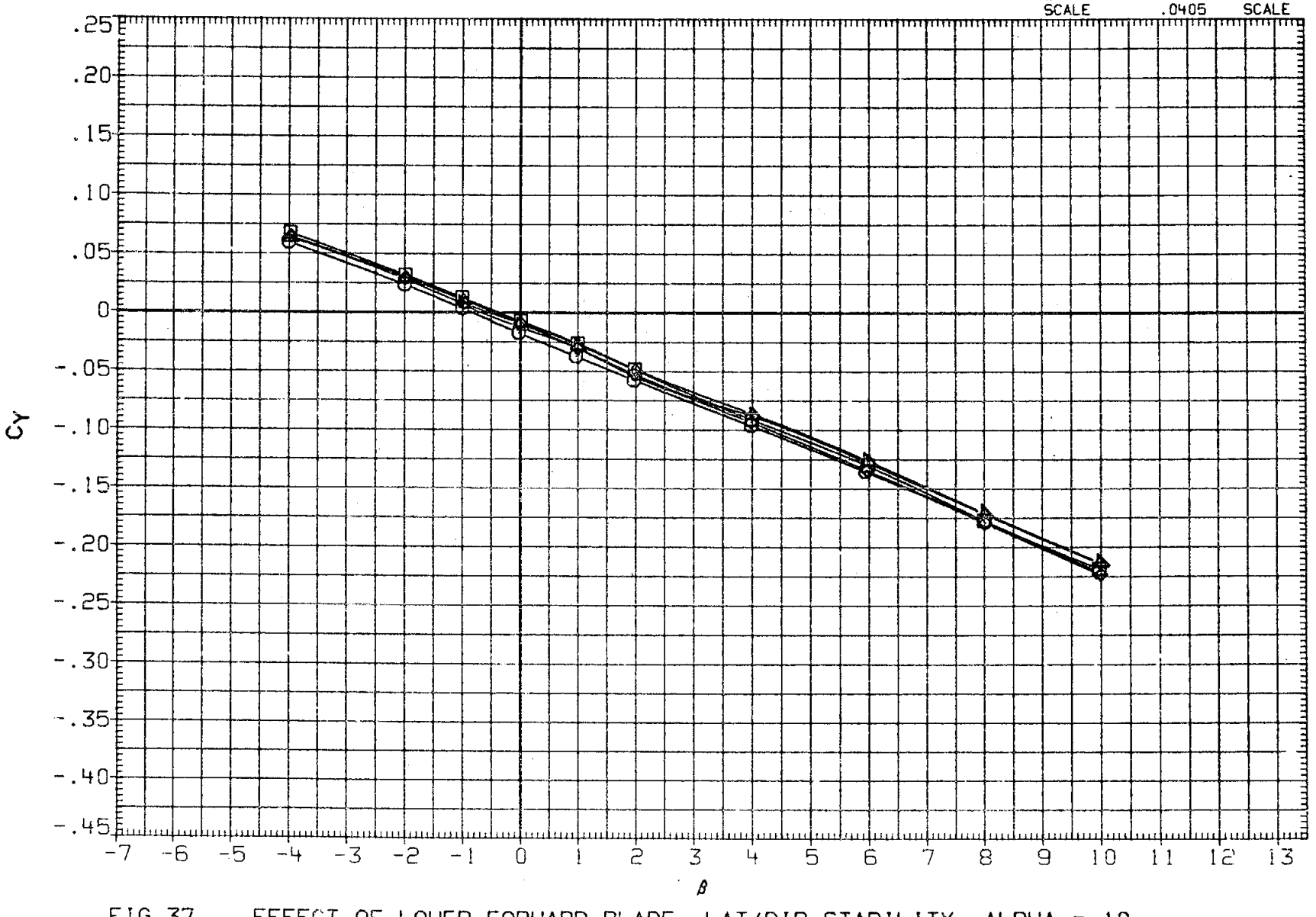

FIG 37 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	STM	ALPHA
RFJ005	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ074	△	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000
RFJ095	◁	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

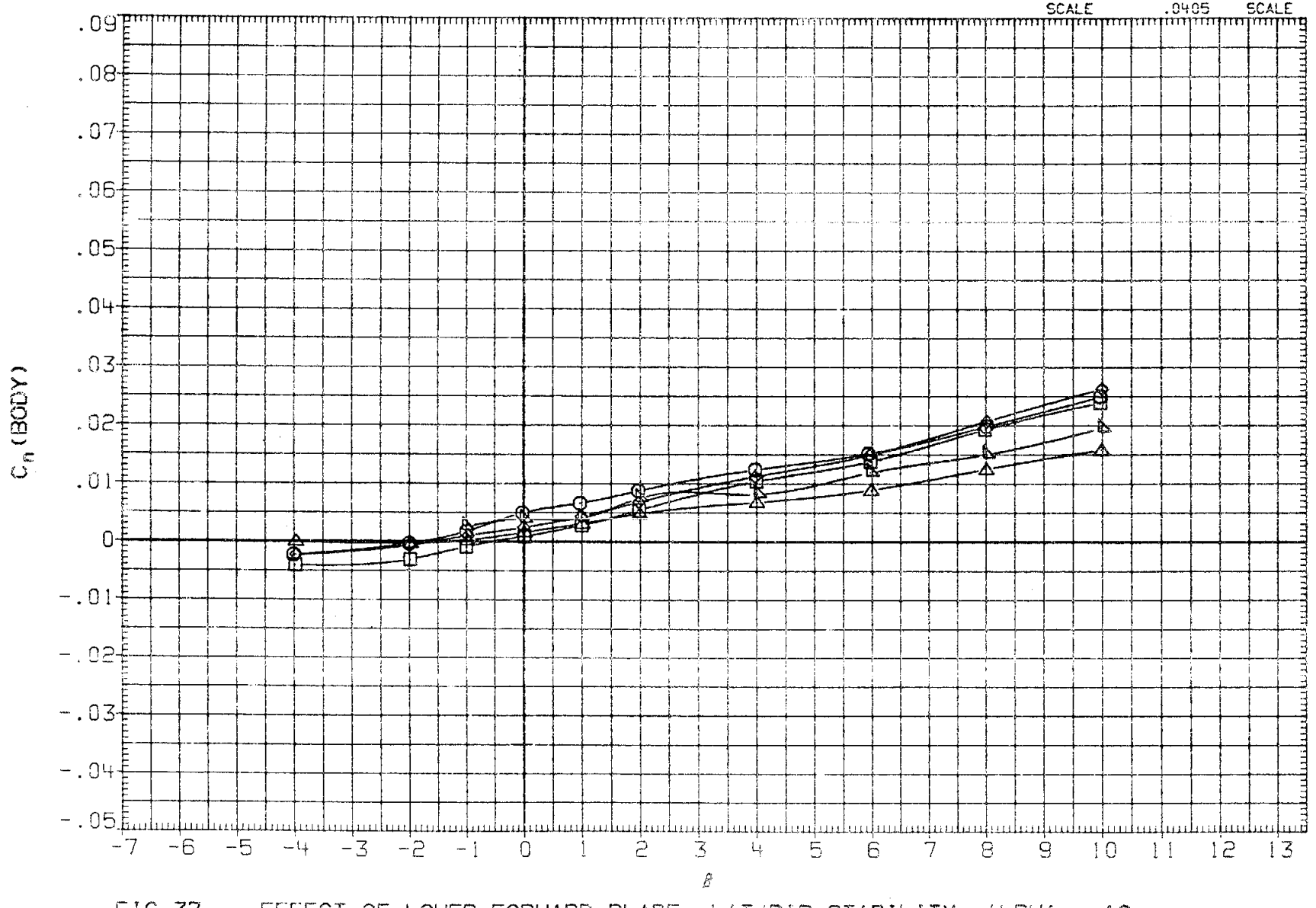

FIG 37 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	ALPHA
RFJ005	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		10.000
RFJ067	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ120	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	10.000
RFJ074	△	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000
RFJ095	◁	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	10.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

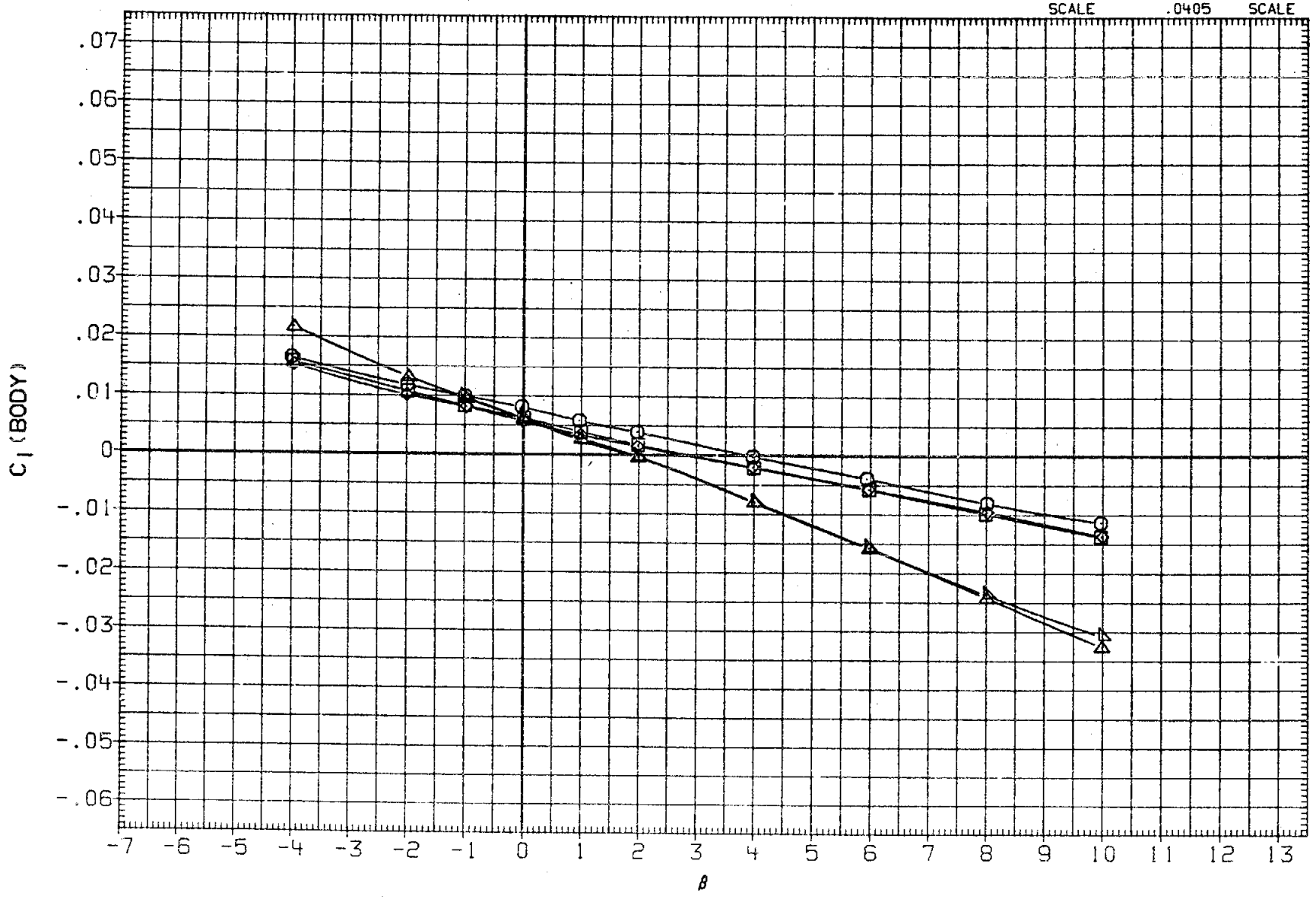

FIG 37 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 10

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ006	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ075	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000
RFJ096	D	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

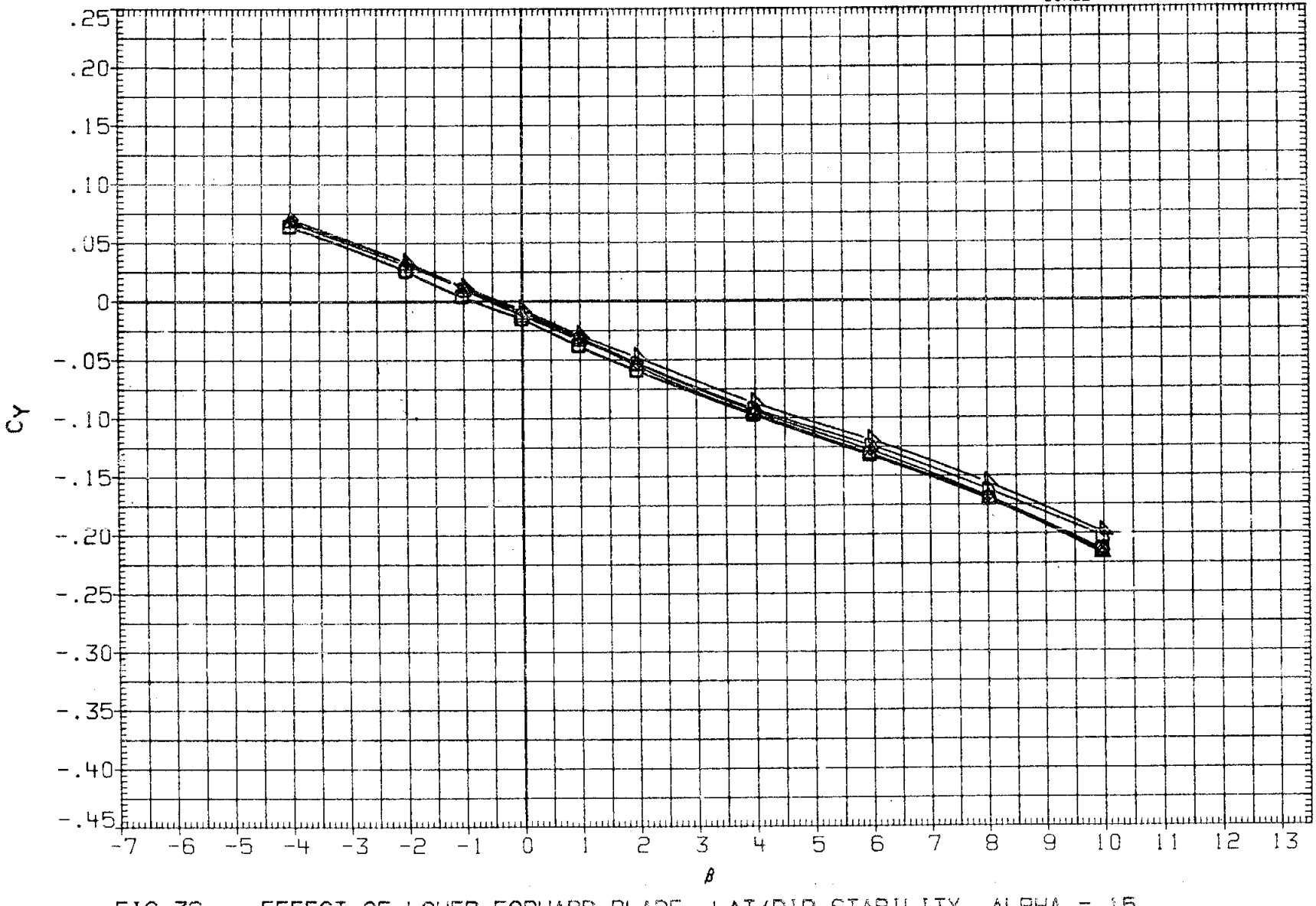

FIG 38 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 15

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ006	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ075	◁	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000
RFJ096	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

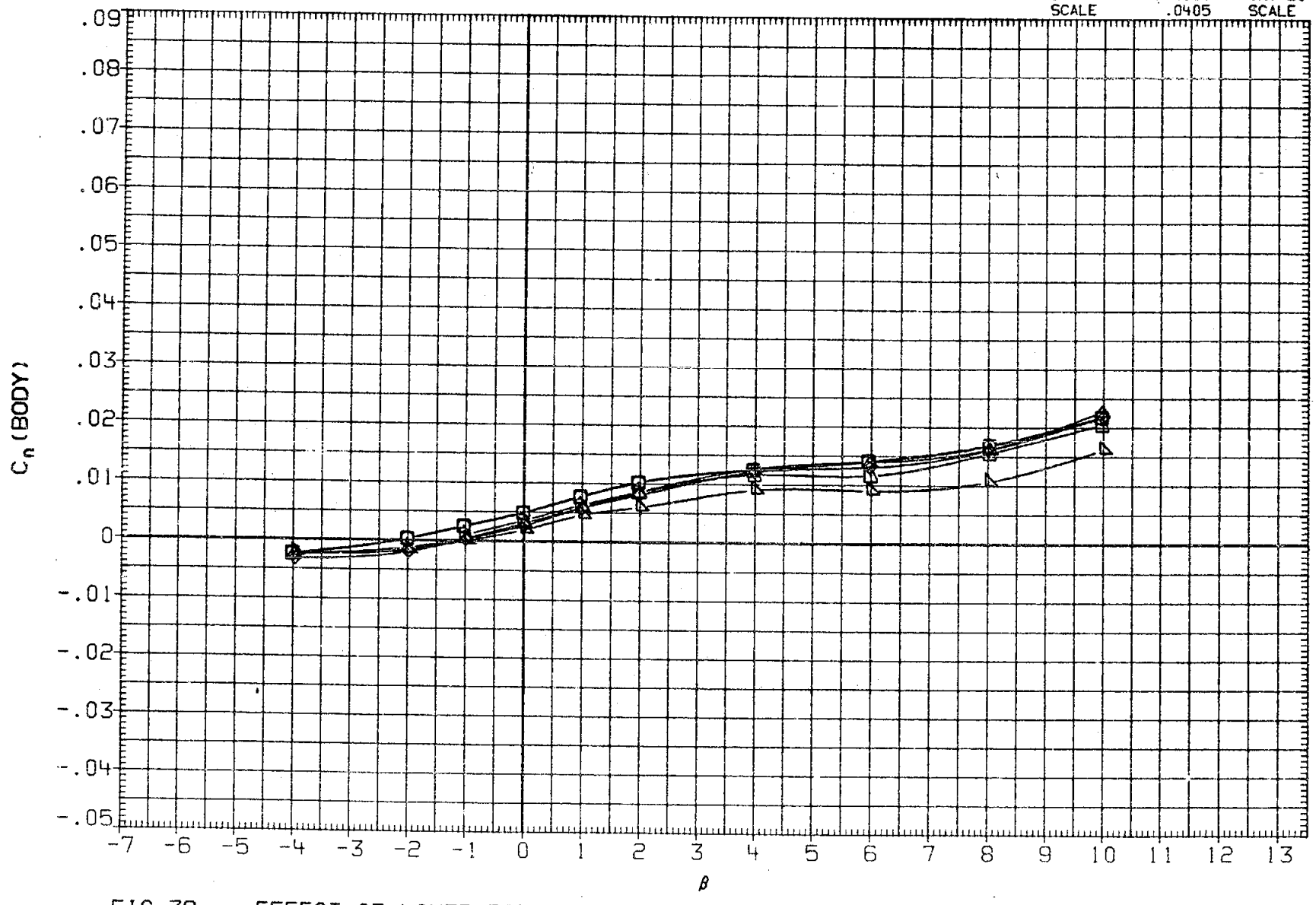

FIG 38 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ006	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ006	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		15.000
RFJ068	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ121	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	15.000
RFJ075	▷	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000
RFJ096	D	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	15.000

REFERENCE INFORMATION

SREF	2680.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

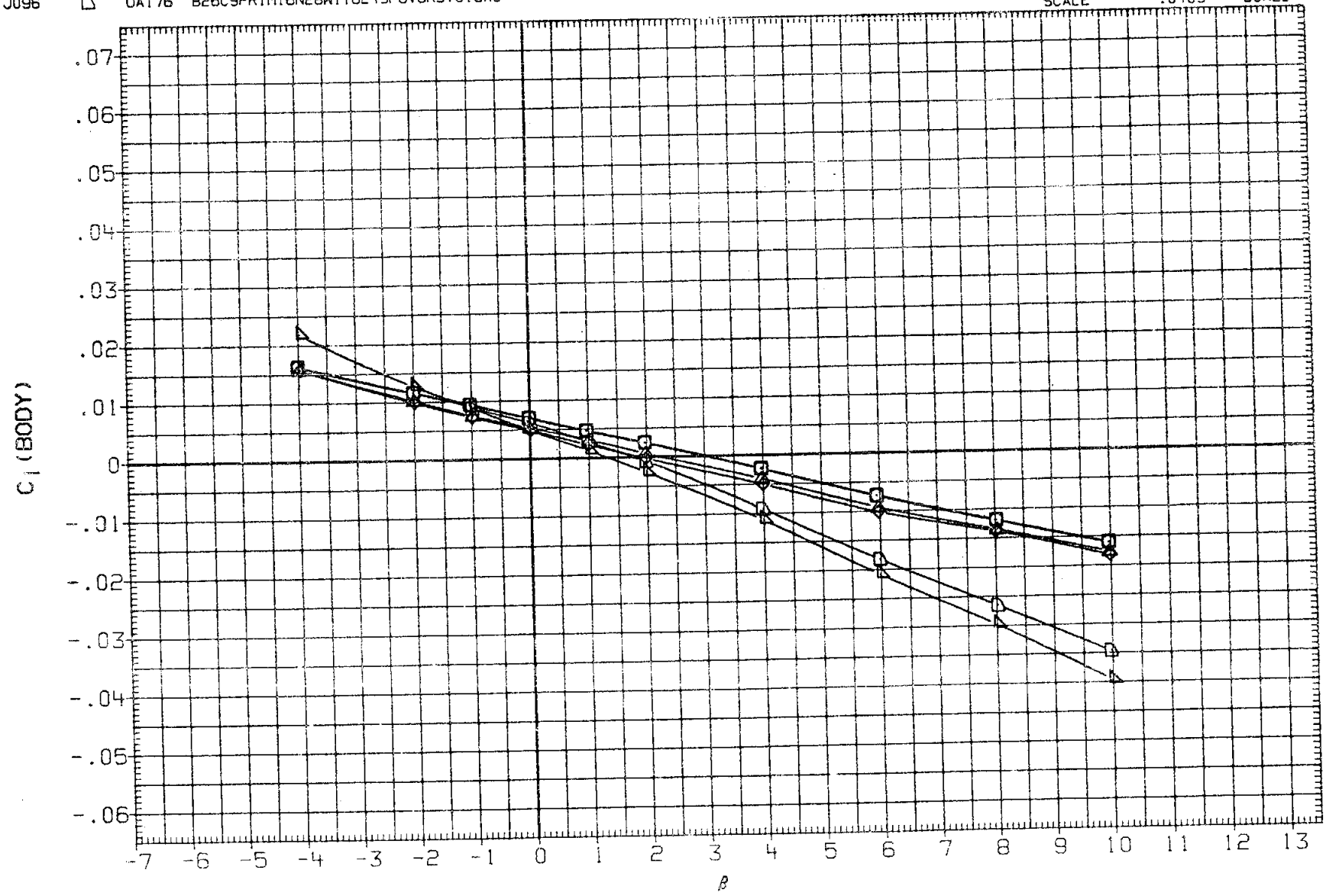

FIG 38 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 15

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ076	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000
RFJ097	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

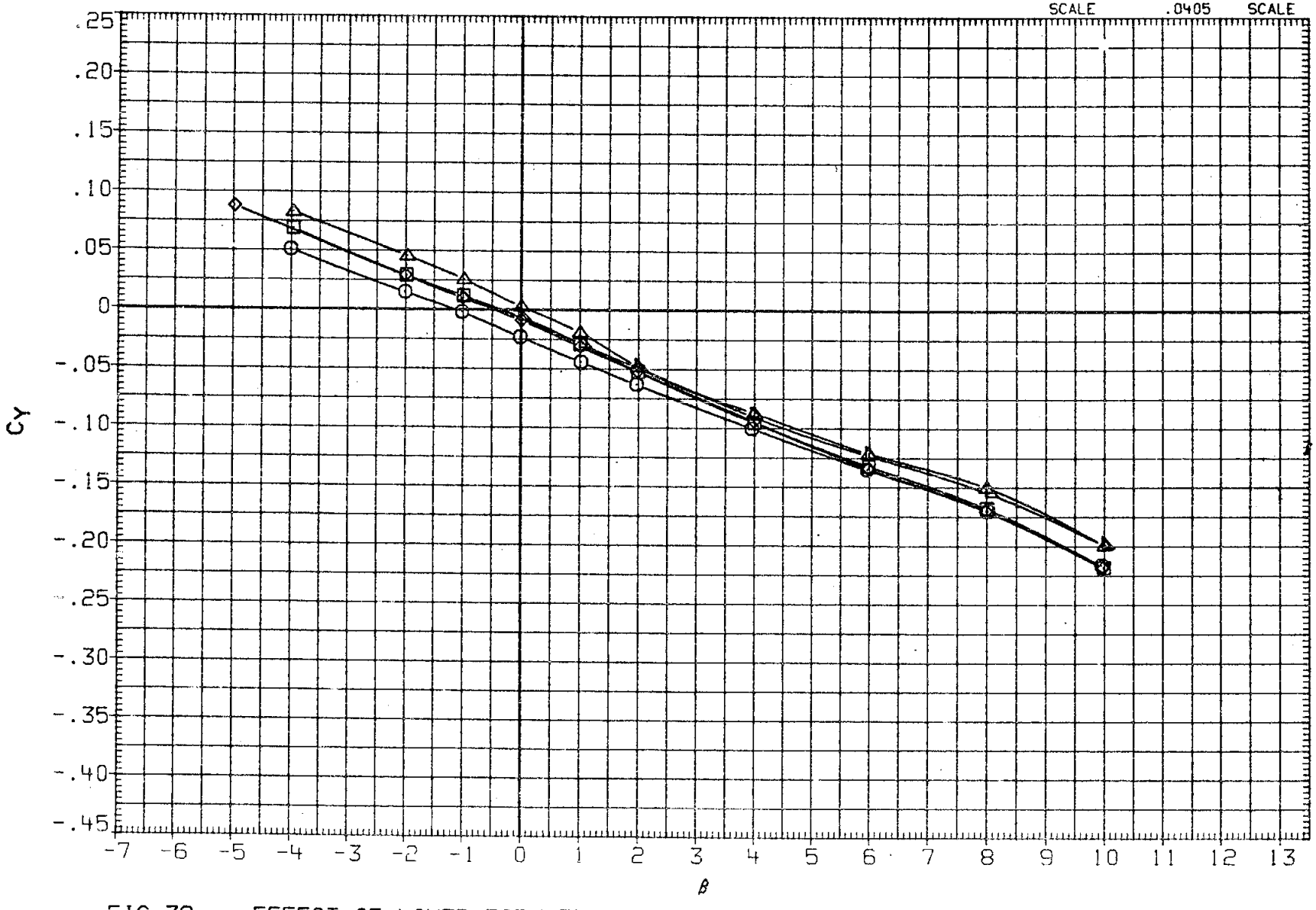

FIG 39 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	ALPHA
RFJ007	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ076	△	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000
RFJ097	▽	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

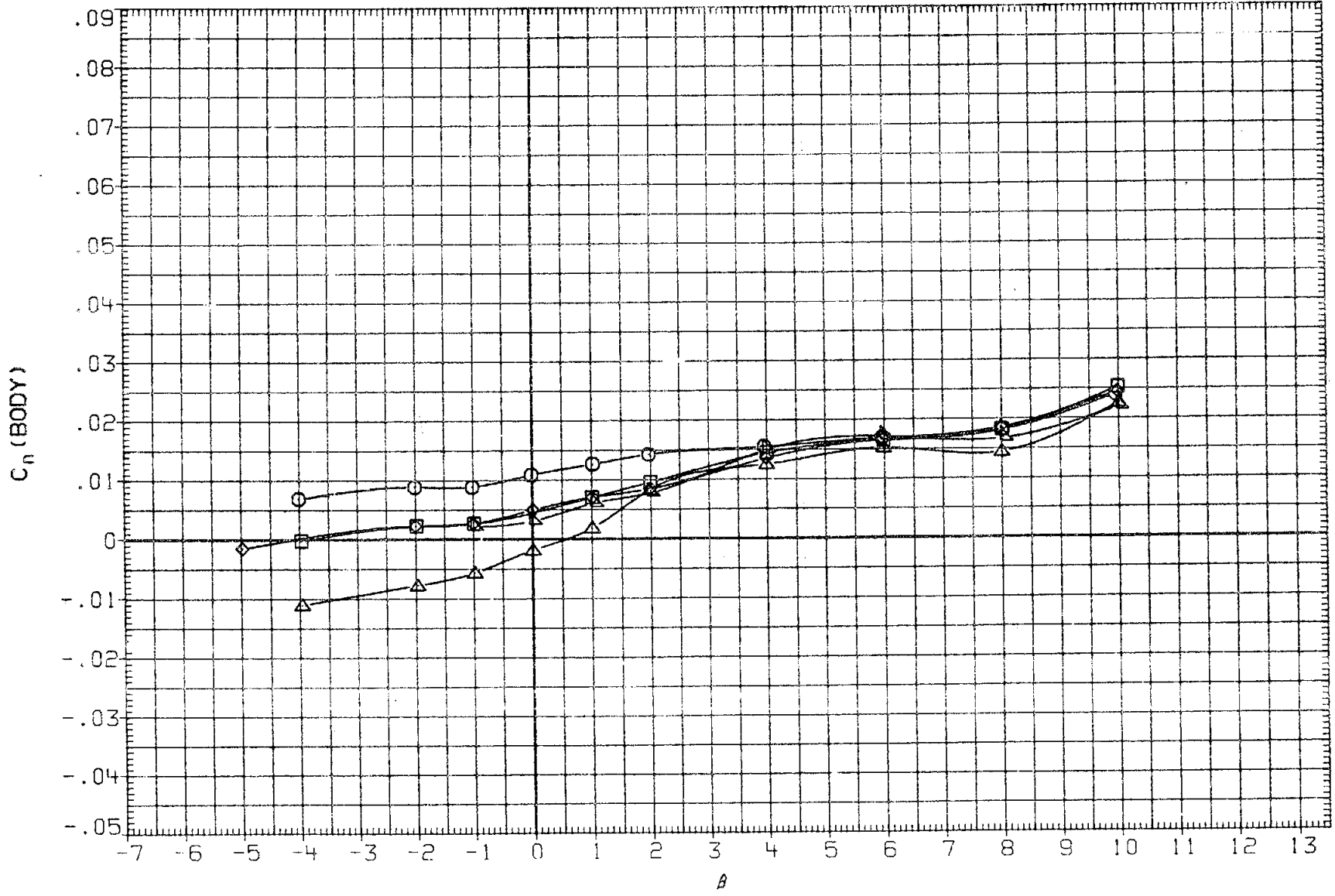

FIG 39 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ007	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700		20.000
RFJ069	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ122	◇	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	6.000	20.000
RFJ076	△	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000
RFJ097	◁	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

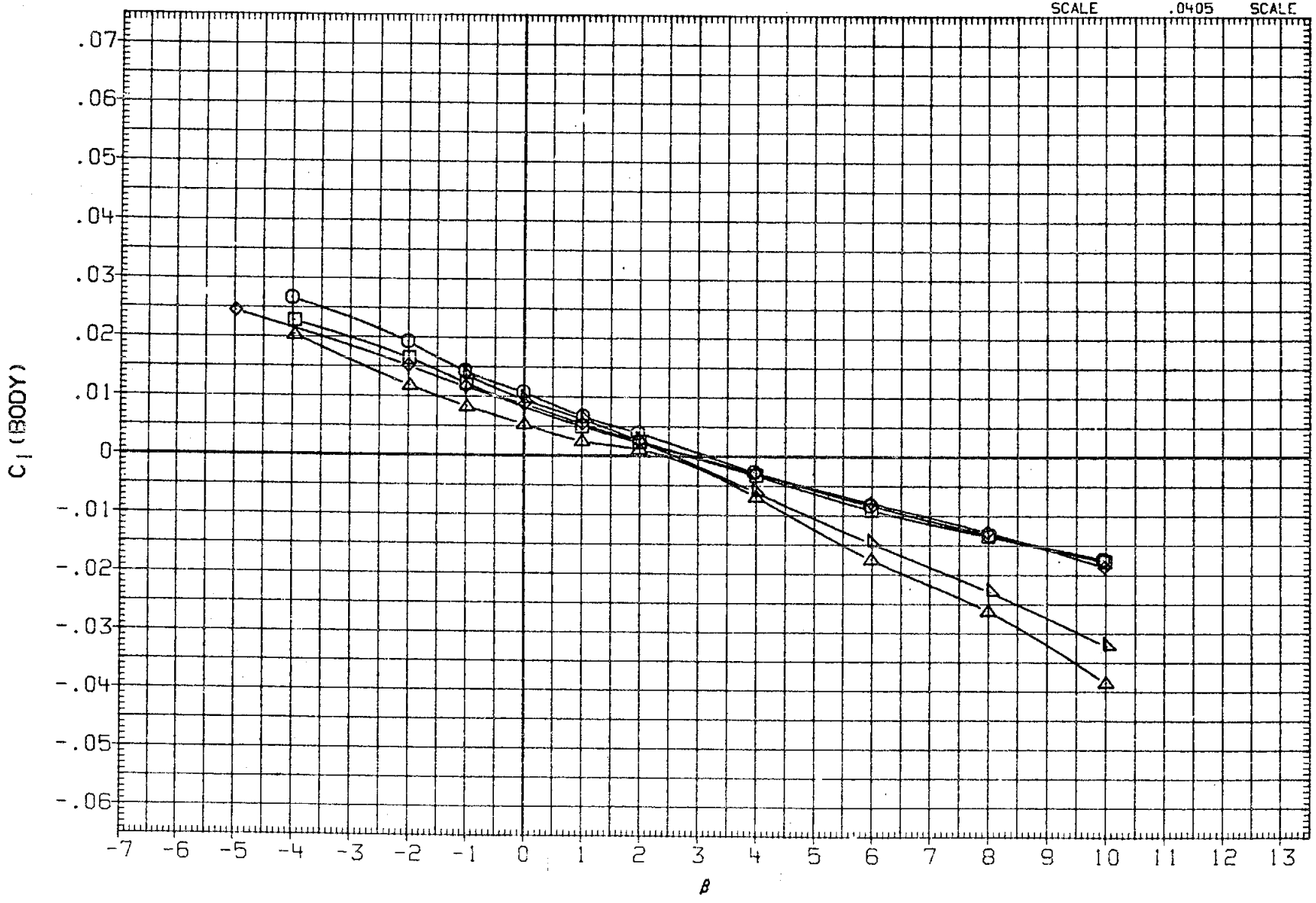

FIG 39 EFFECT OF LOWER FORWARD BLADE, LAT/DIR STABILITY, ALPHA = 20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ065	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000
RFJ077	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	.000	1.000	5.000
RFJ078	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	16.300	1.000	5.000

REFERENCE INFORMATION		
SREF	2890.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

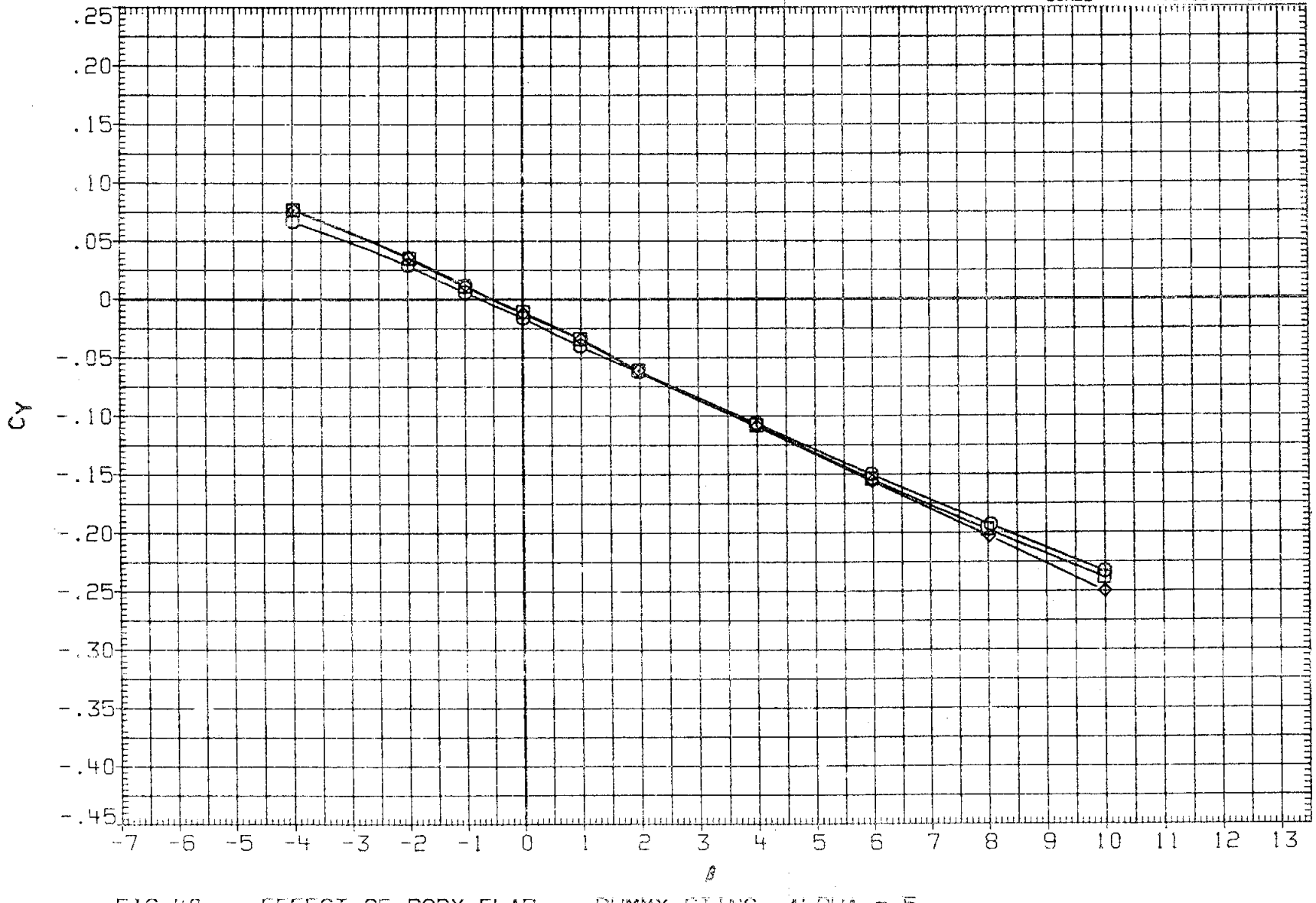

FIG 40 EFFECT OF BODY FLAP, DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ085	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	1.000	5.000
RFJ077	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	.000	1.000	5.000
RFJ078	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	16.300	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

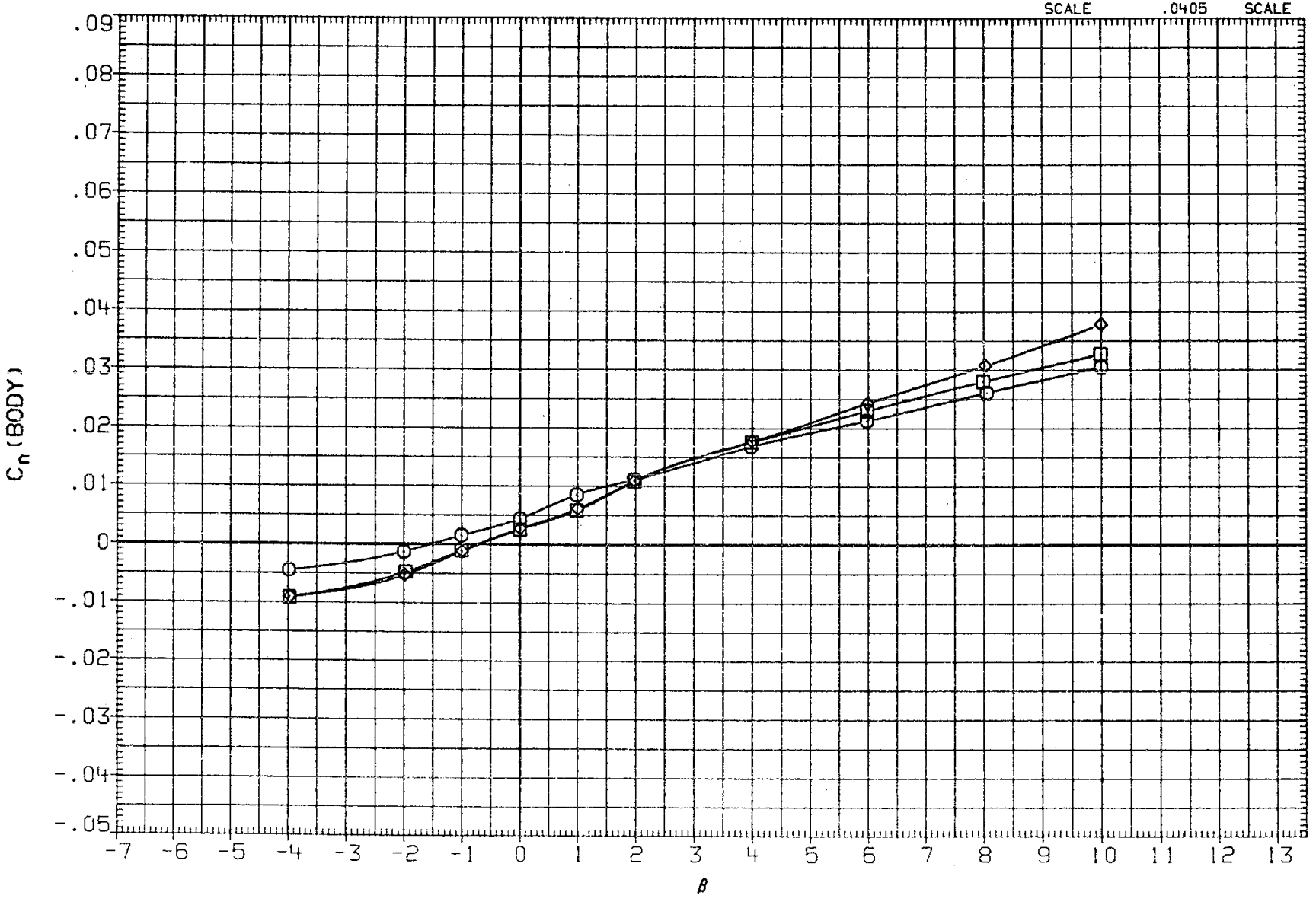

FIG 40 EFFECT OF BODY FLAP, DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	ALPHA
RFJ085	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X5	-11.700	1.000	5.000
RFJ077	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X9	.000	1.000	5.000
RFJ078	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X9	16.300	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

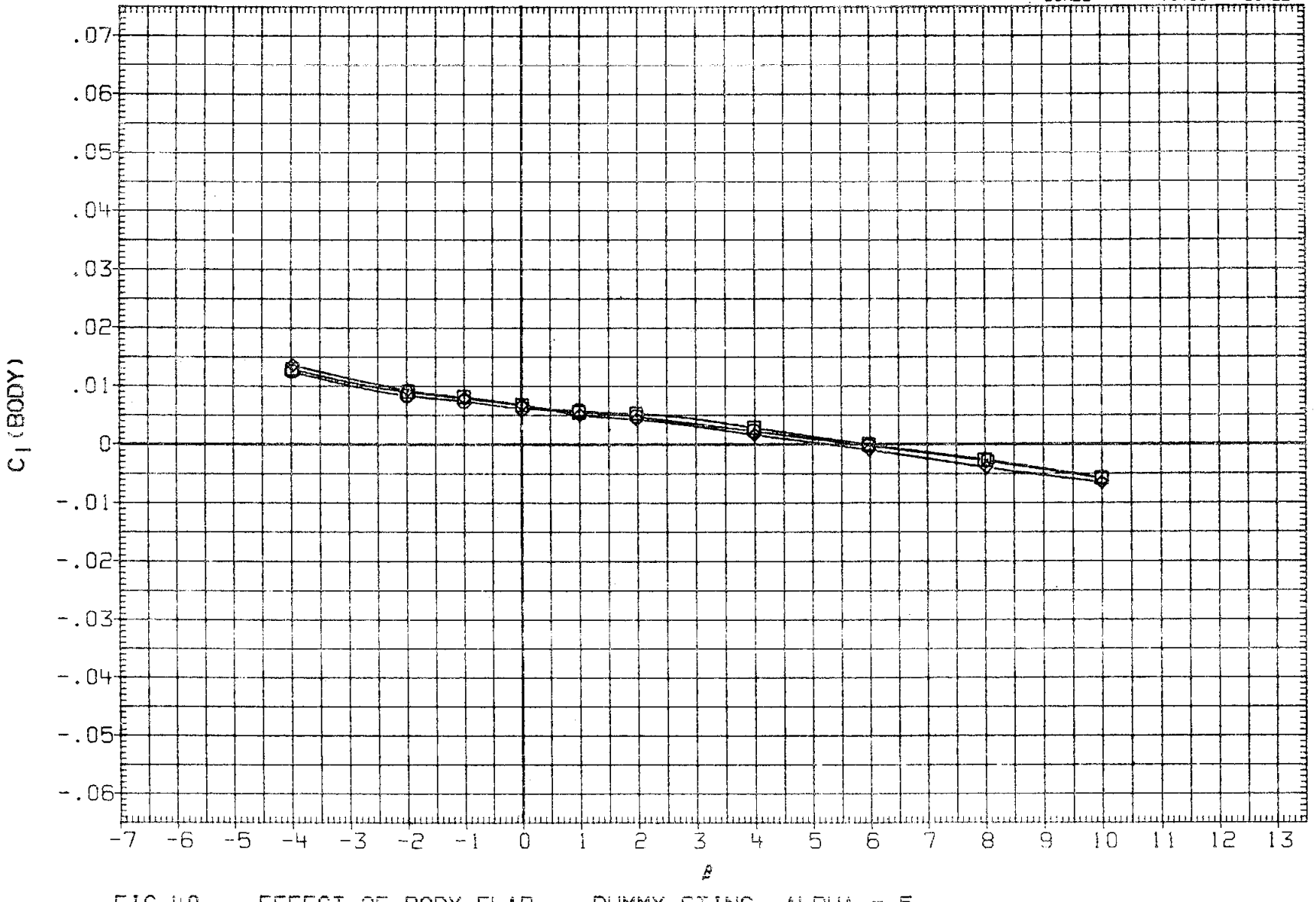

FIG 40 EFFECT OF BODY FLAP, DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SPDBRK	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ079	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	55.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

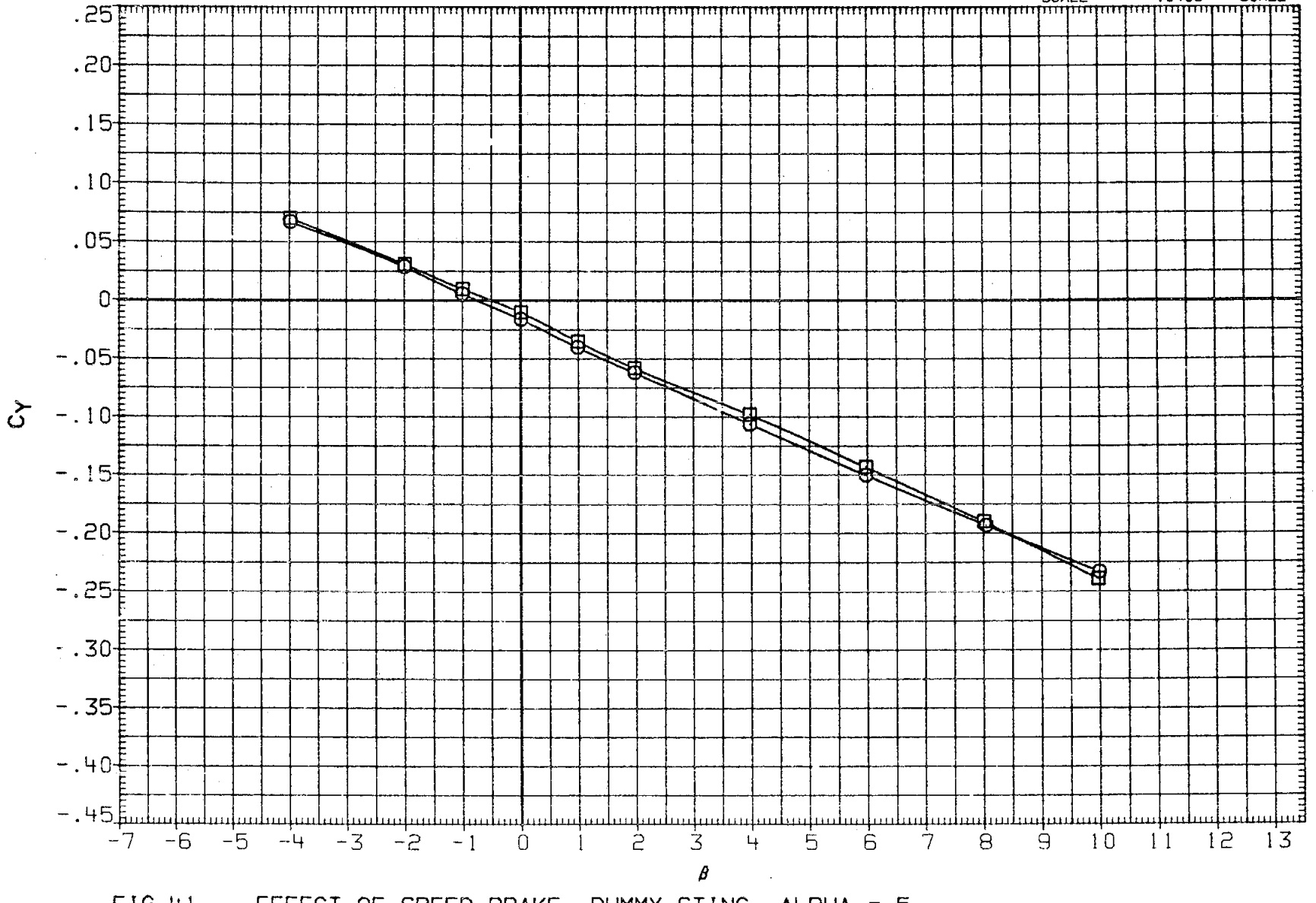

FIG 41 EFFECT OF SPEED BRAKE, DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SPDBRK	STR	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ079	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

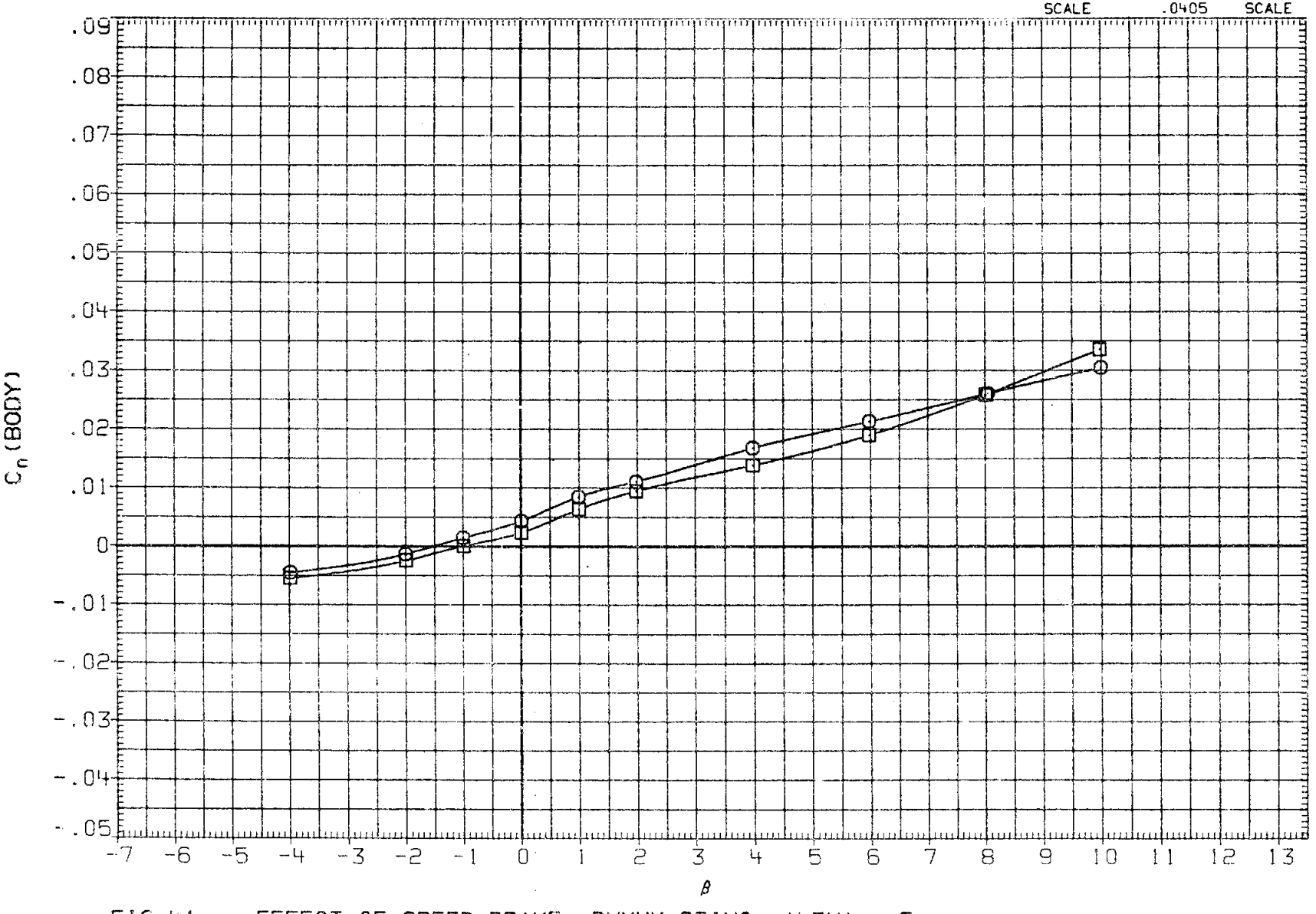

FIG 41 EFFECT OF SPEED BRAKE, DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SPDBRK	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ079	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	55.000	1.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

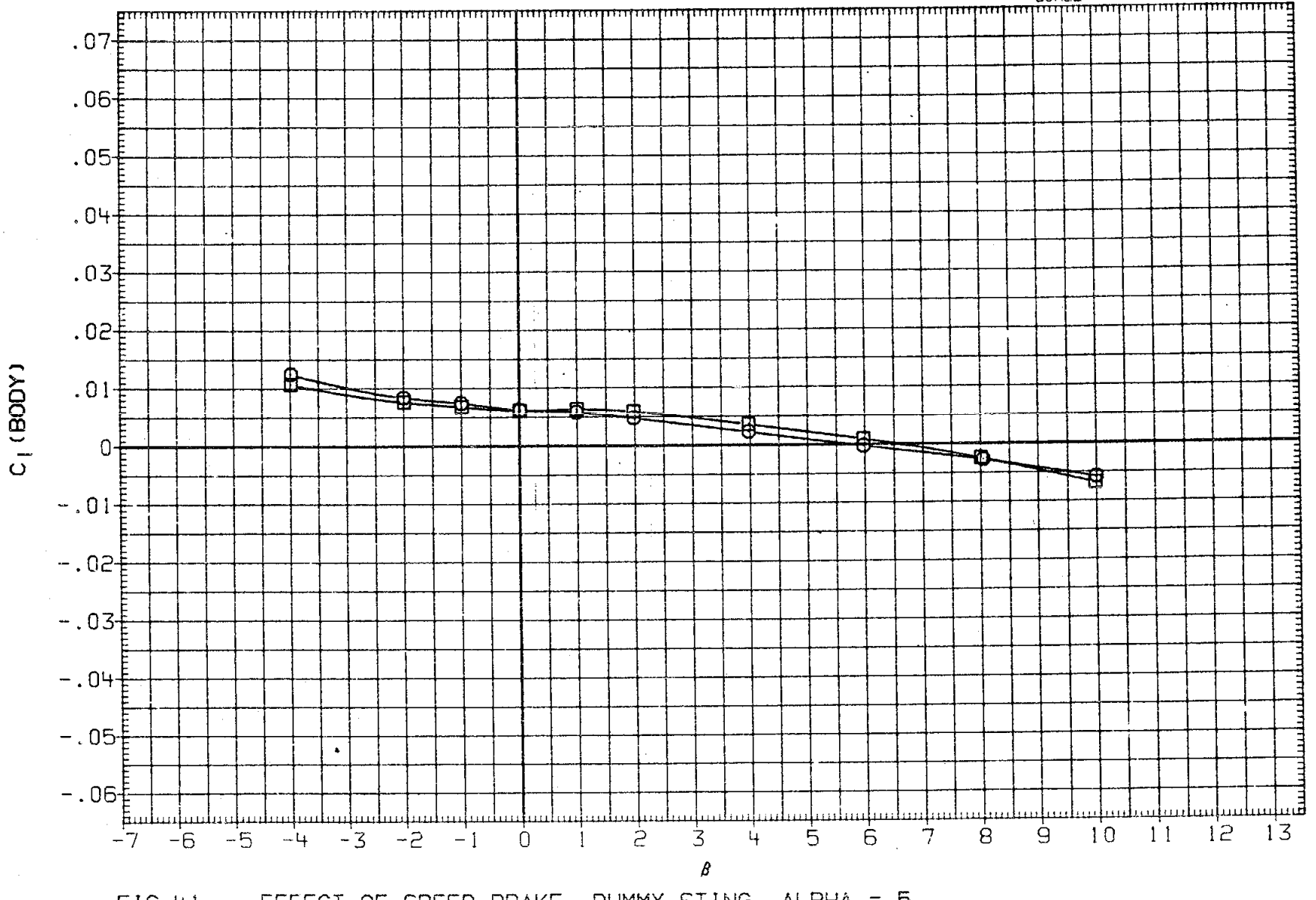

FIG 41 EFFECT OF SPEED BRAKE, DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BUFLAP	RUDDER	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ080	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	-10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2590.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

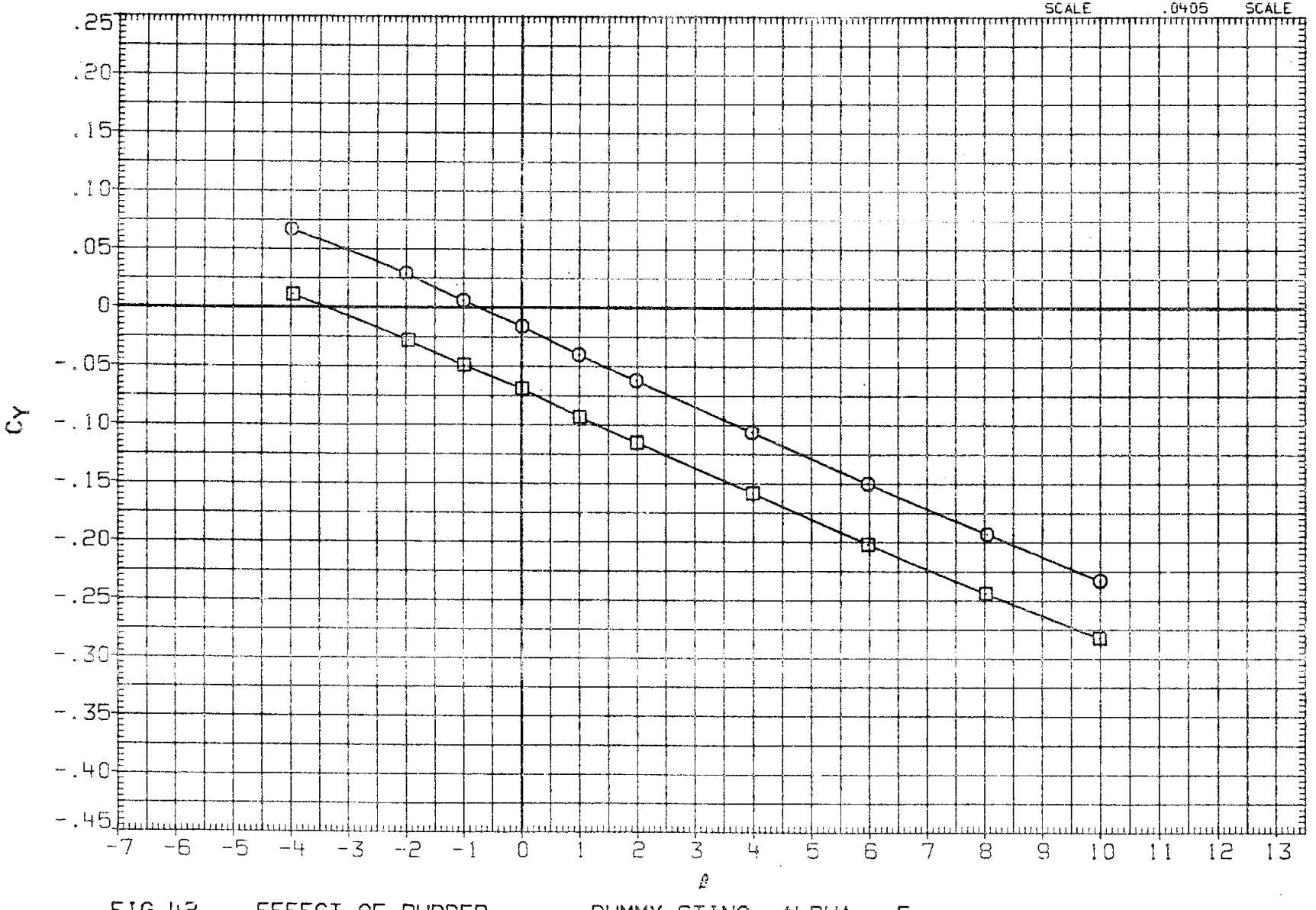

FIG 42 EFFECT OF RUDDER, DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	RUDDER	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ080	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	-10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

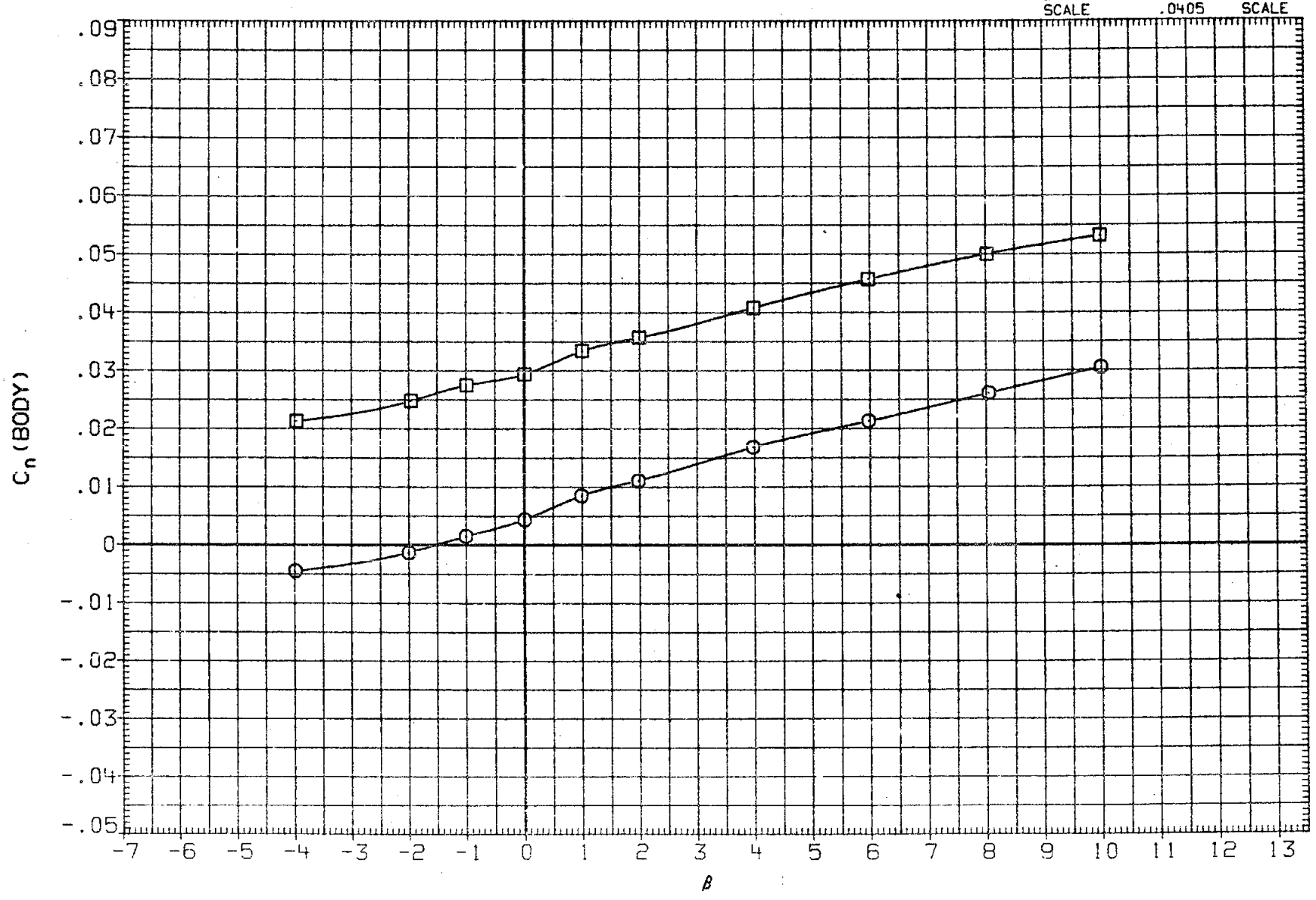

FIG 42 EFFECT OF RUDDER, DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	RUDDER	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	.000
RFJ080	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	-10.000	1.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

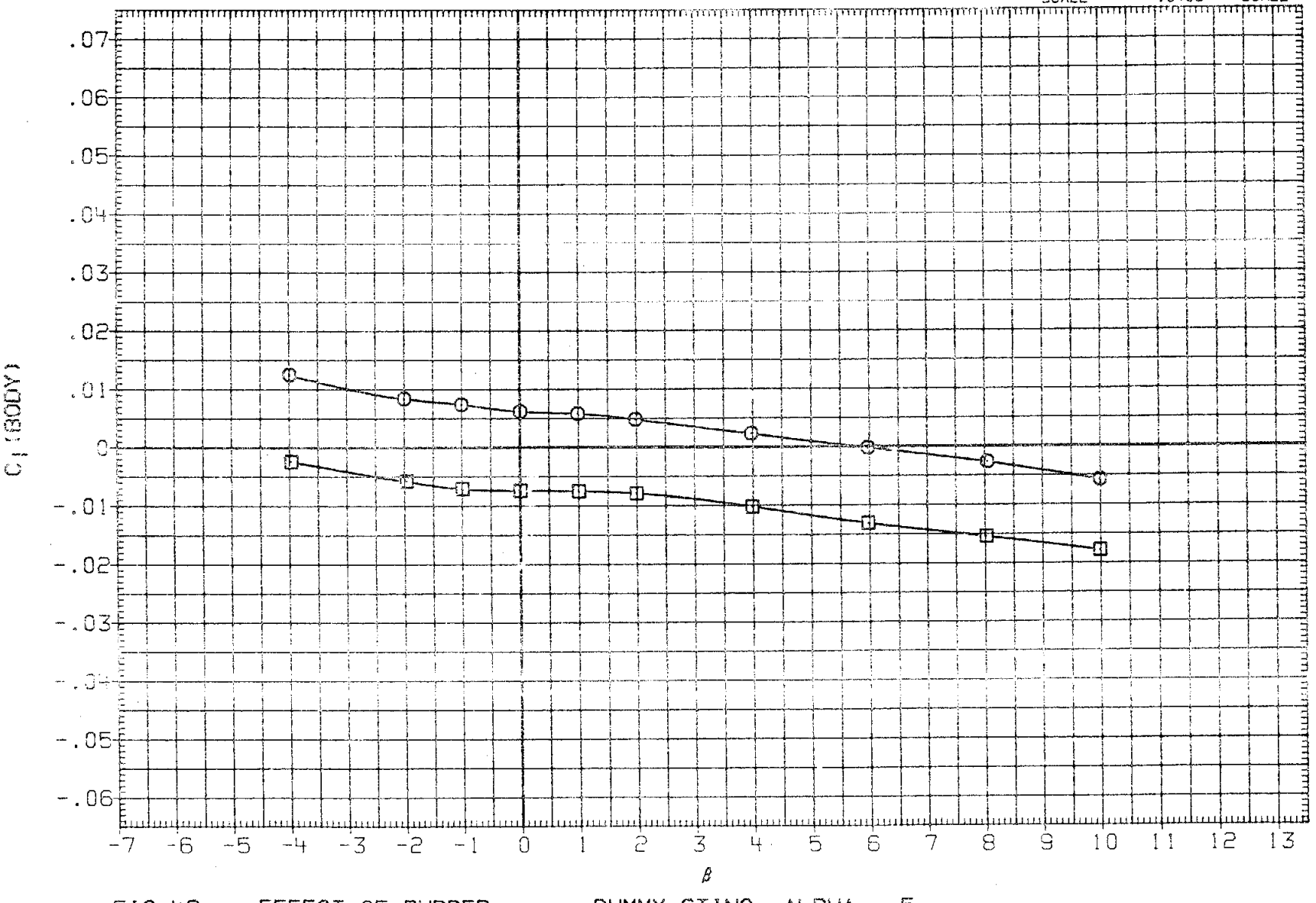

FIG 42 EFFECT OF RUDDER, DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ELEVON	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ081	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

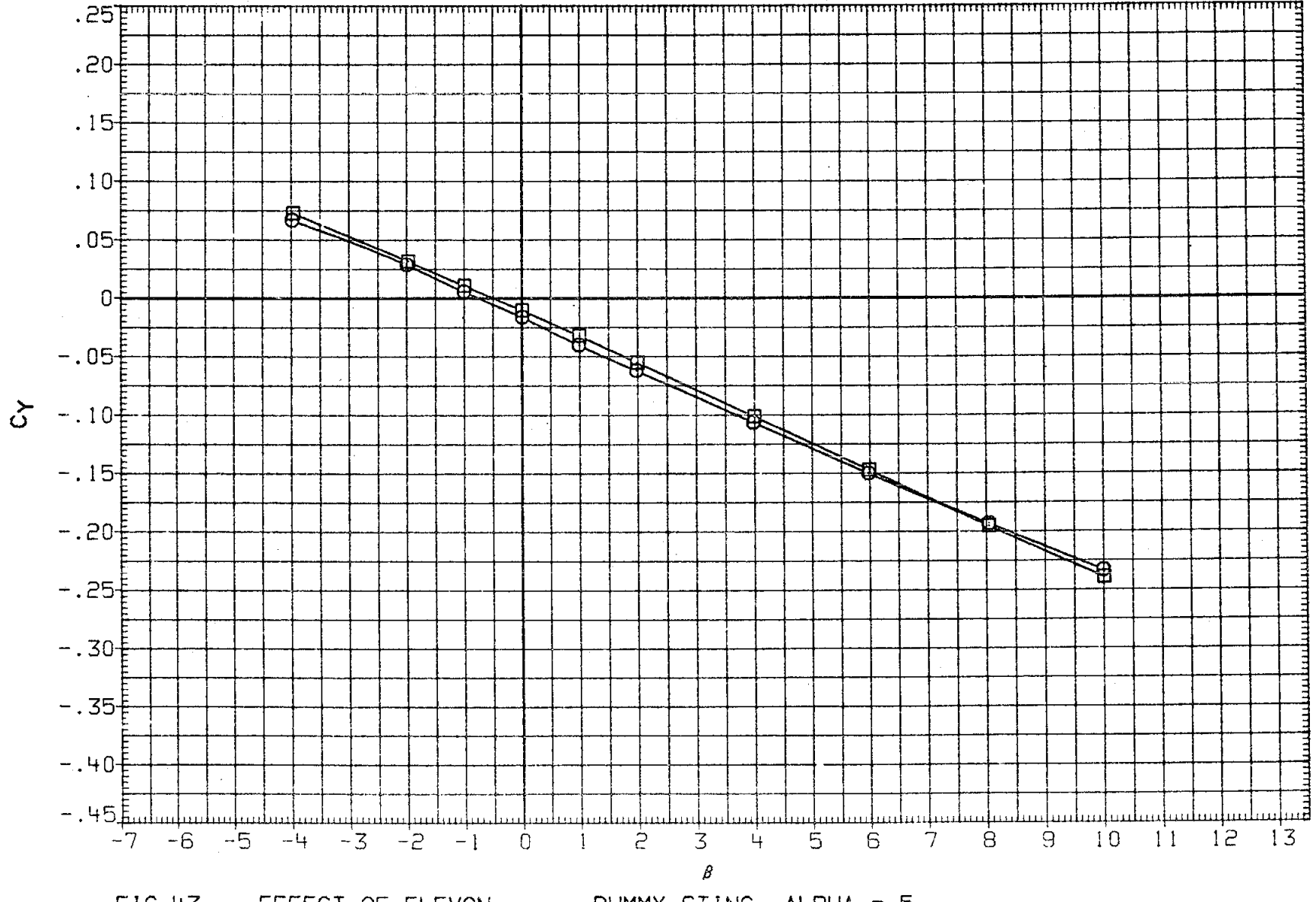

FIG 43 EFFECT OF ELEVON DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ELEVON	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ081	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	-0.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

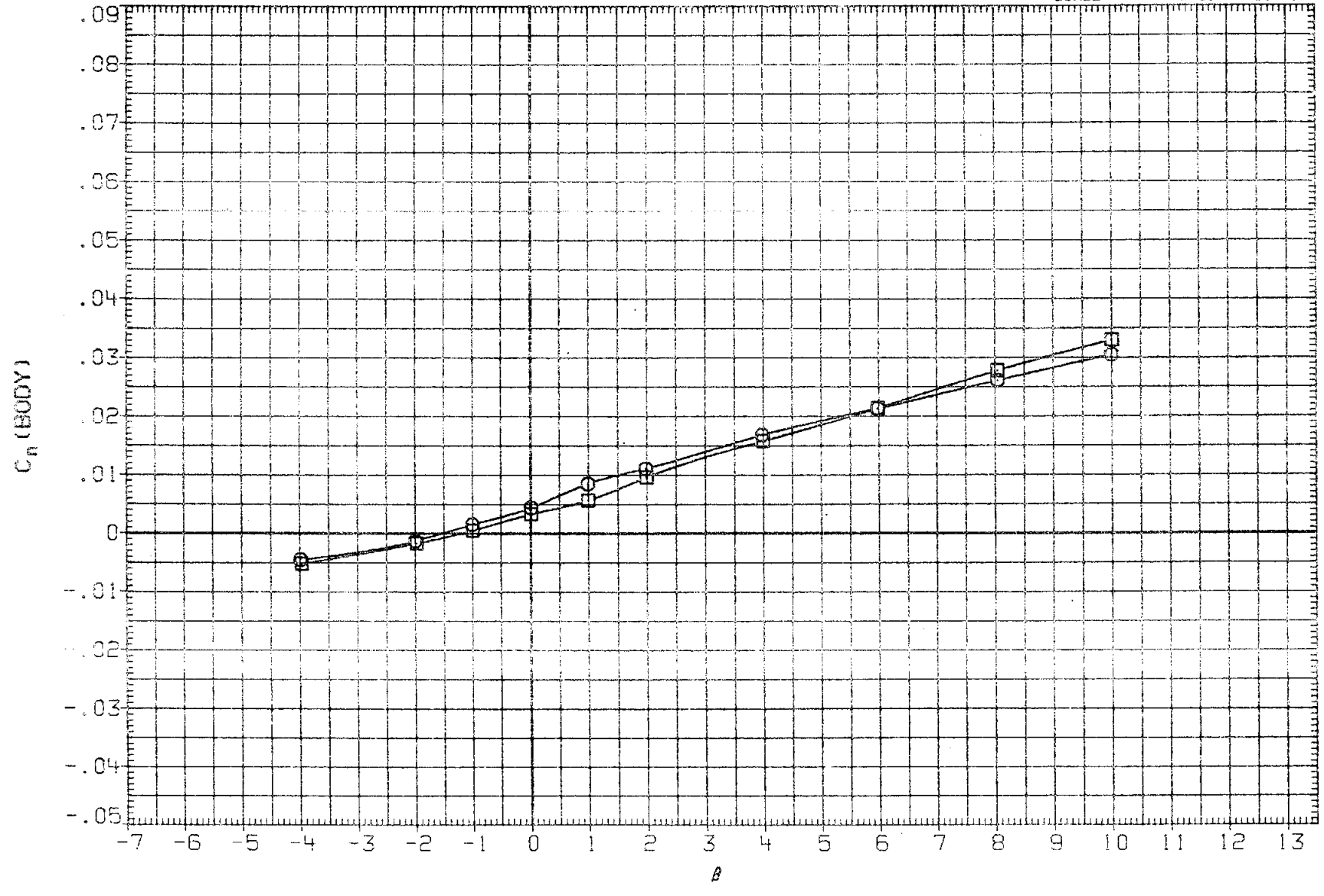

FIG 43 EFFECT OF ELEVON DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ELEVON	SIM	ALPHA
RFJ085	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ081	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC23X9	-11.700	10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

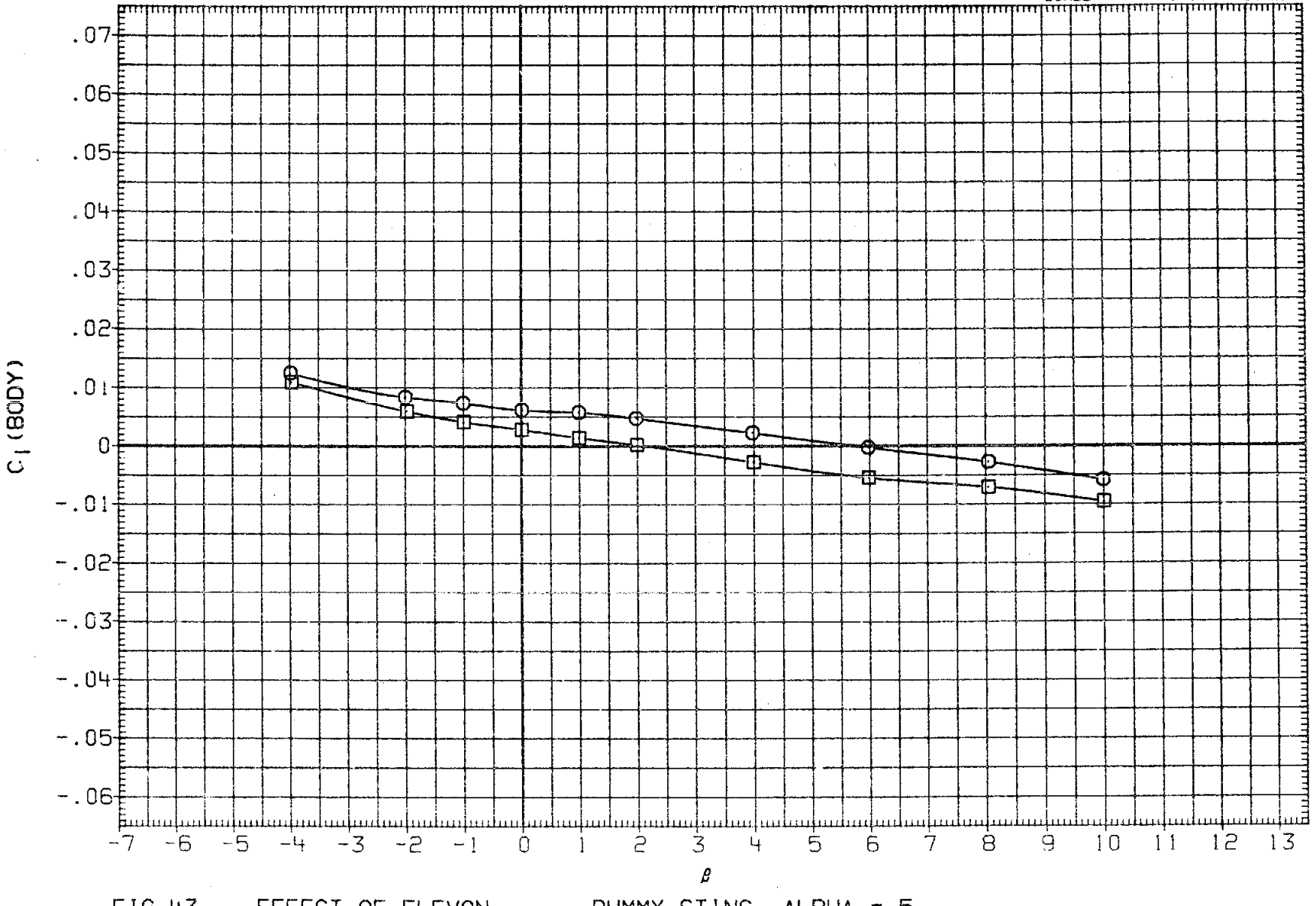

FIG 43 EFFECT OF ELEVON DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		δDFLAP	δAILRON	SIM	ALPHA
RFJ085	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ082	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	20.000	1.000	5.000

REFERENCE INFORMATION

SREF	2090.0000	SQ.FT.
LREF	774.8100	INCHES
BREF	336.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

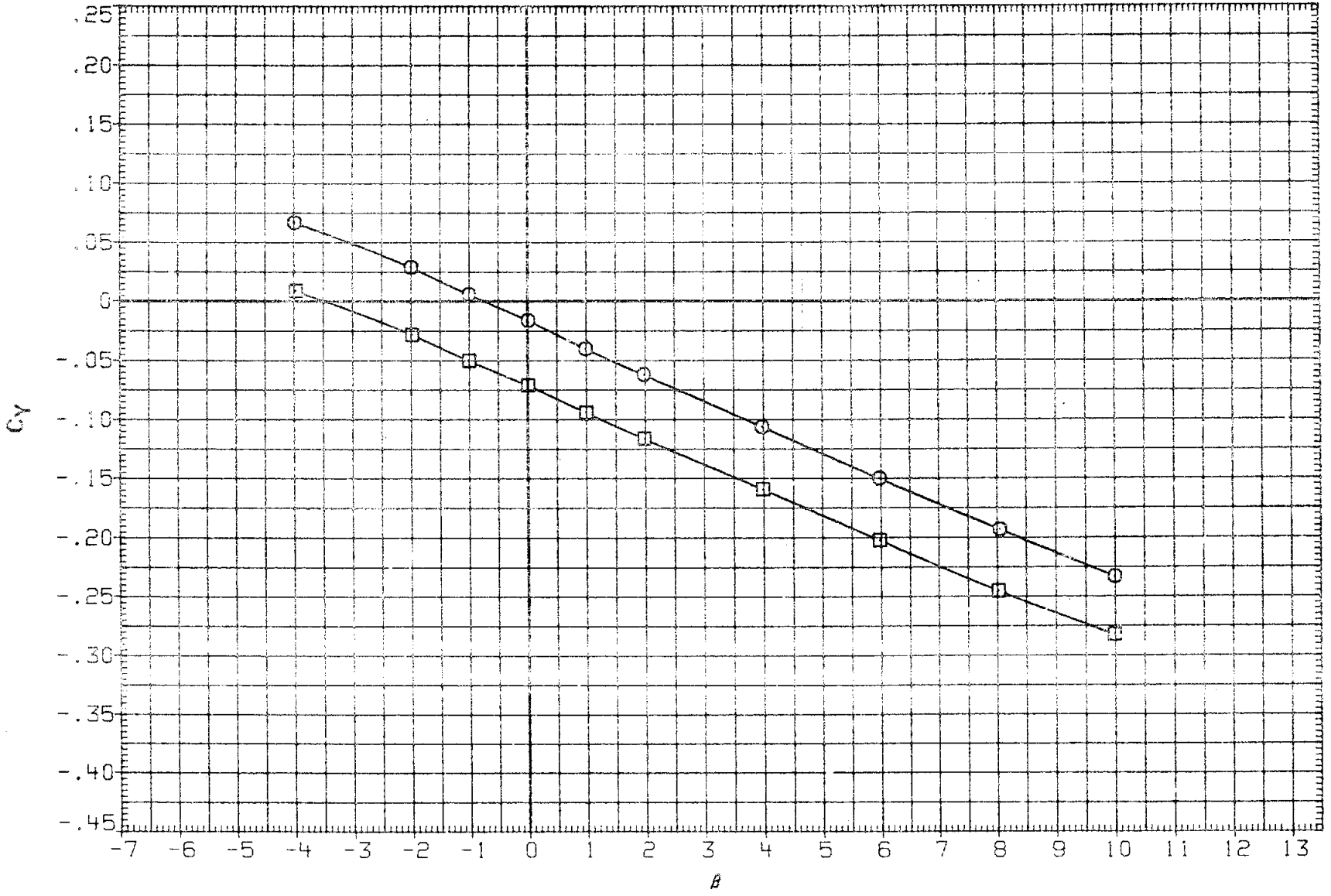

FIG 44 EFFECT OF AILERON DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	AILRON	SIM	ALPHA
RFJ085	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ082	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC23X9	-11.700	10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

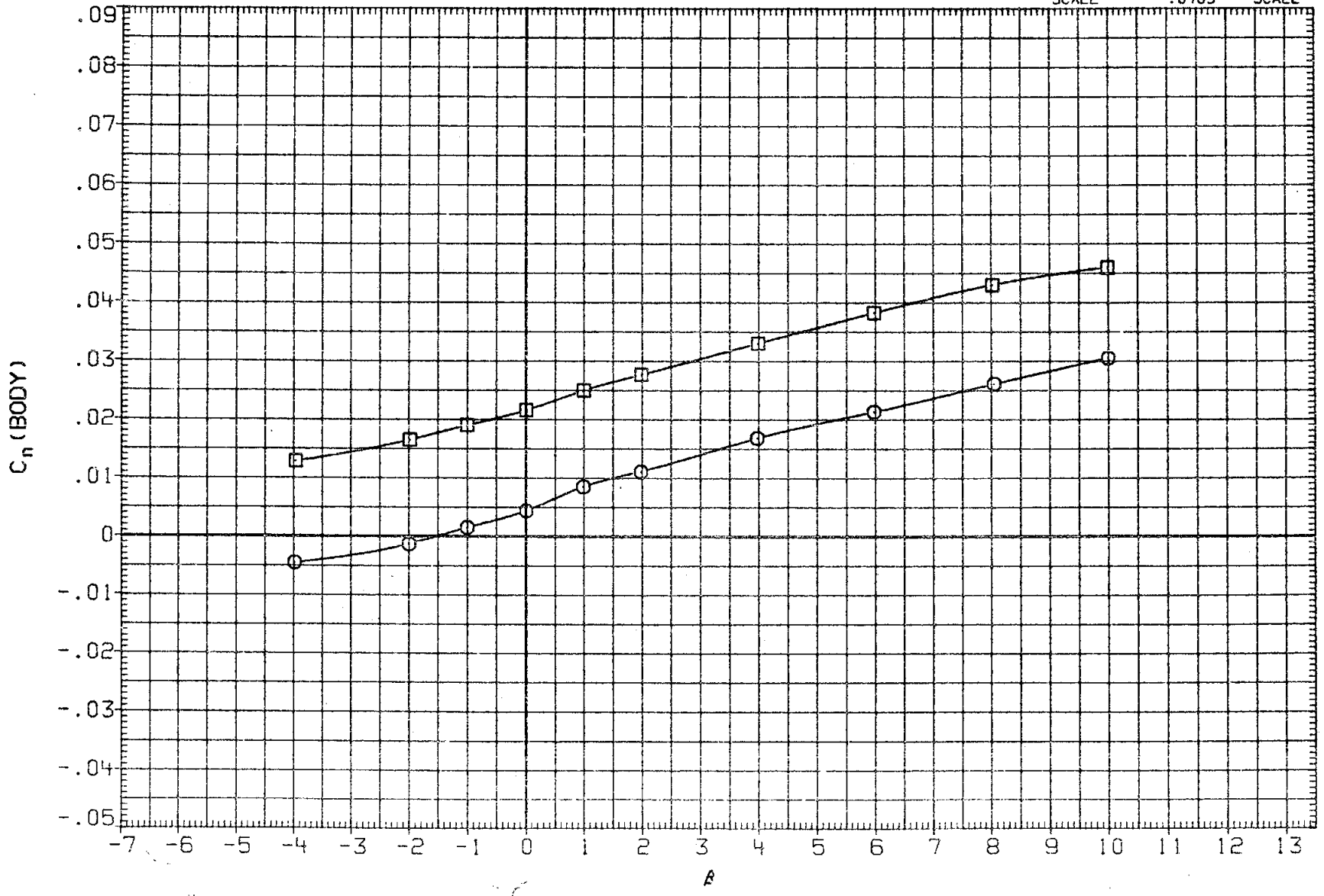

FIG 44 EFFECT OF AILERON DUMMY STING, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	AILRON	SIM	ALPHA
RFJ085	○	OA176 B26C9PR1M16N28W16E43F8V8R5TC23X9	-11.700	.000	1.000	5.000
RFJ082	□	OA176 B26C9PR1M16N28W16E43F8V8R5TC23X9	-11.700	10.000	1.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

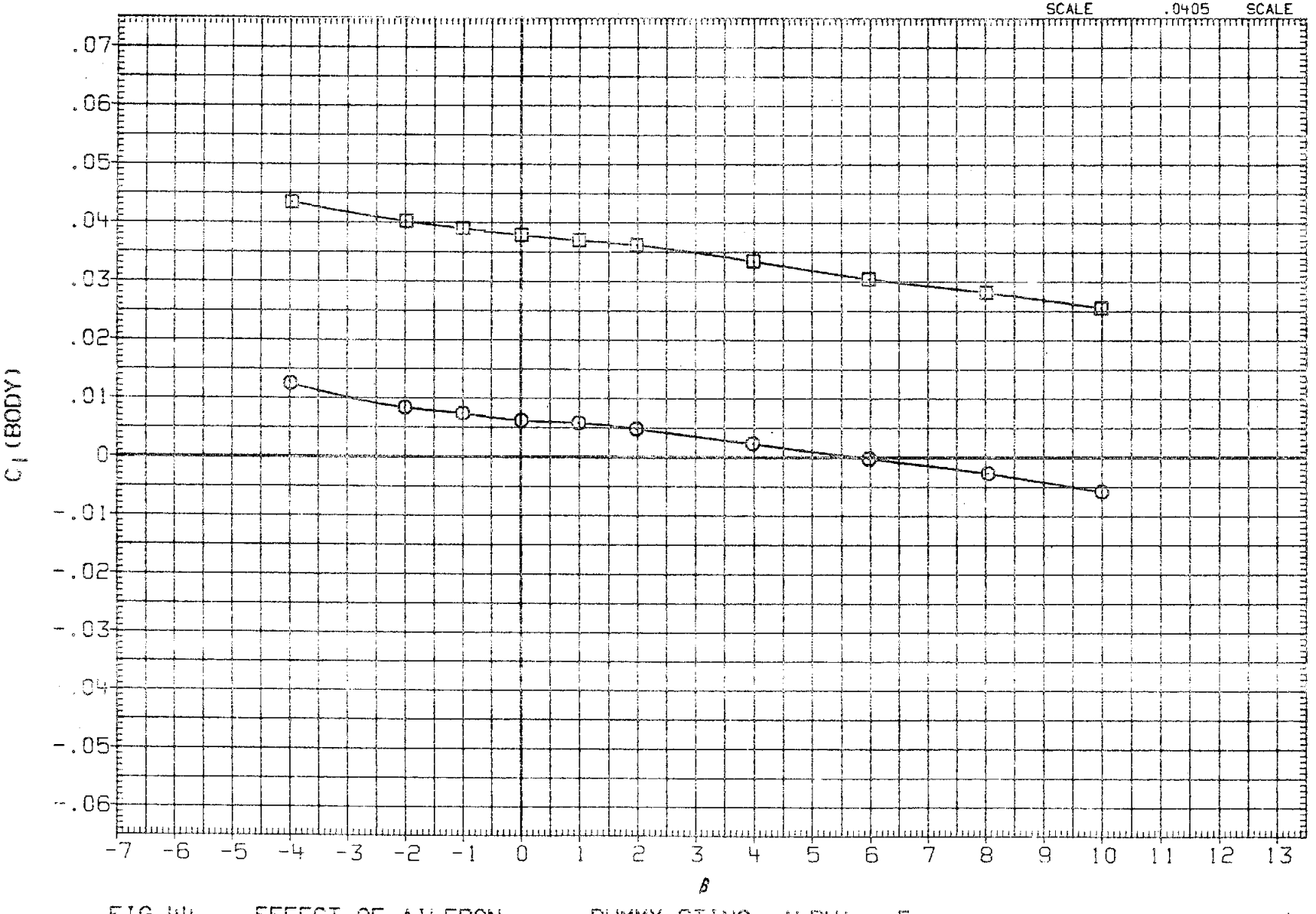

FIG 44 EFFECT OF AILERON DUMMY STING, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ098	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	7.000	5.000
RFJ099	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

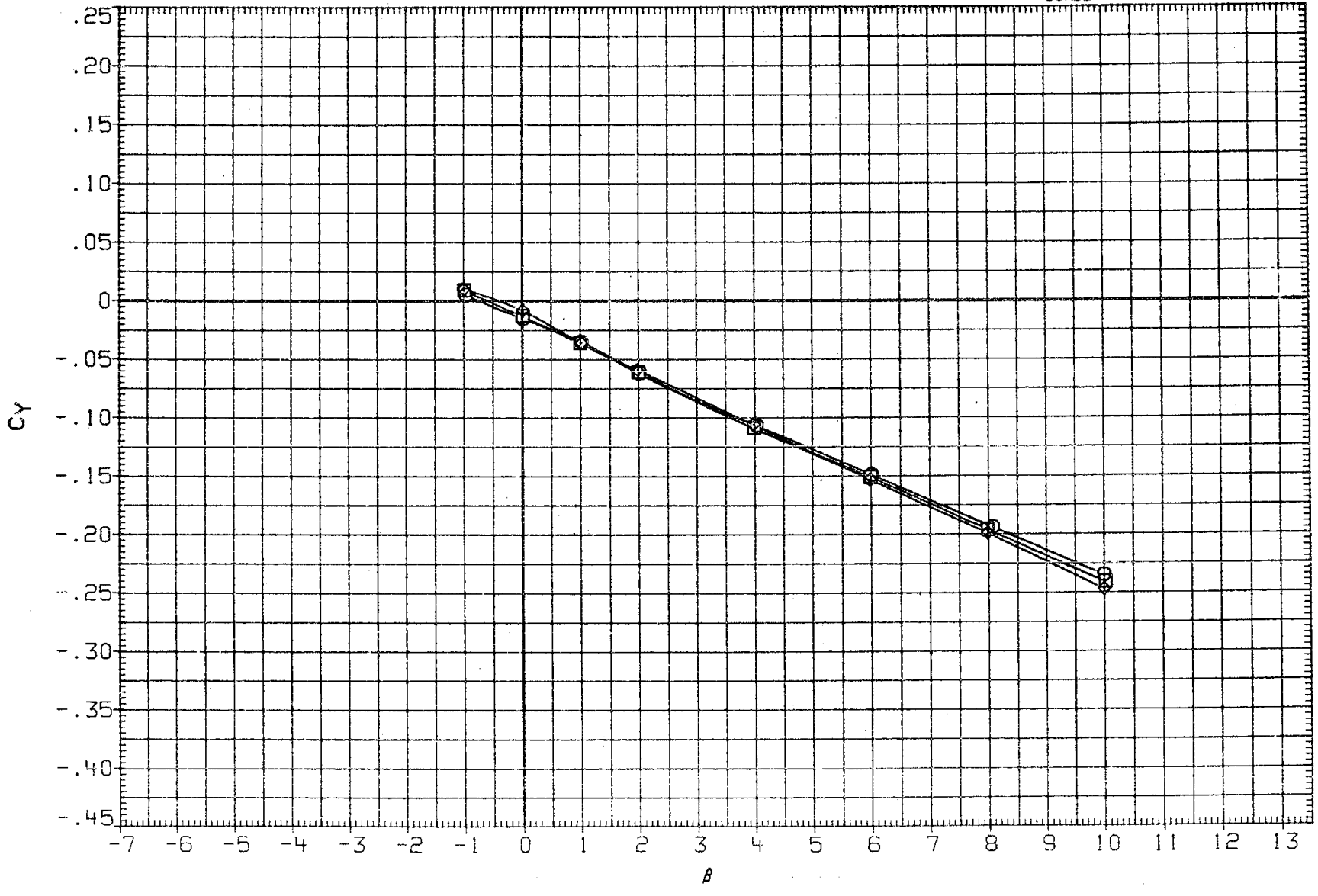

FIG 45 EFFECT OF BODY FLAP, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		BDFLAP	SIM	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ098	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	7.000	5.000
RFJ099	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	774.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

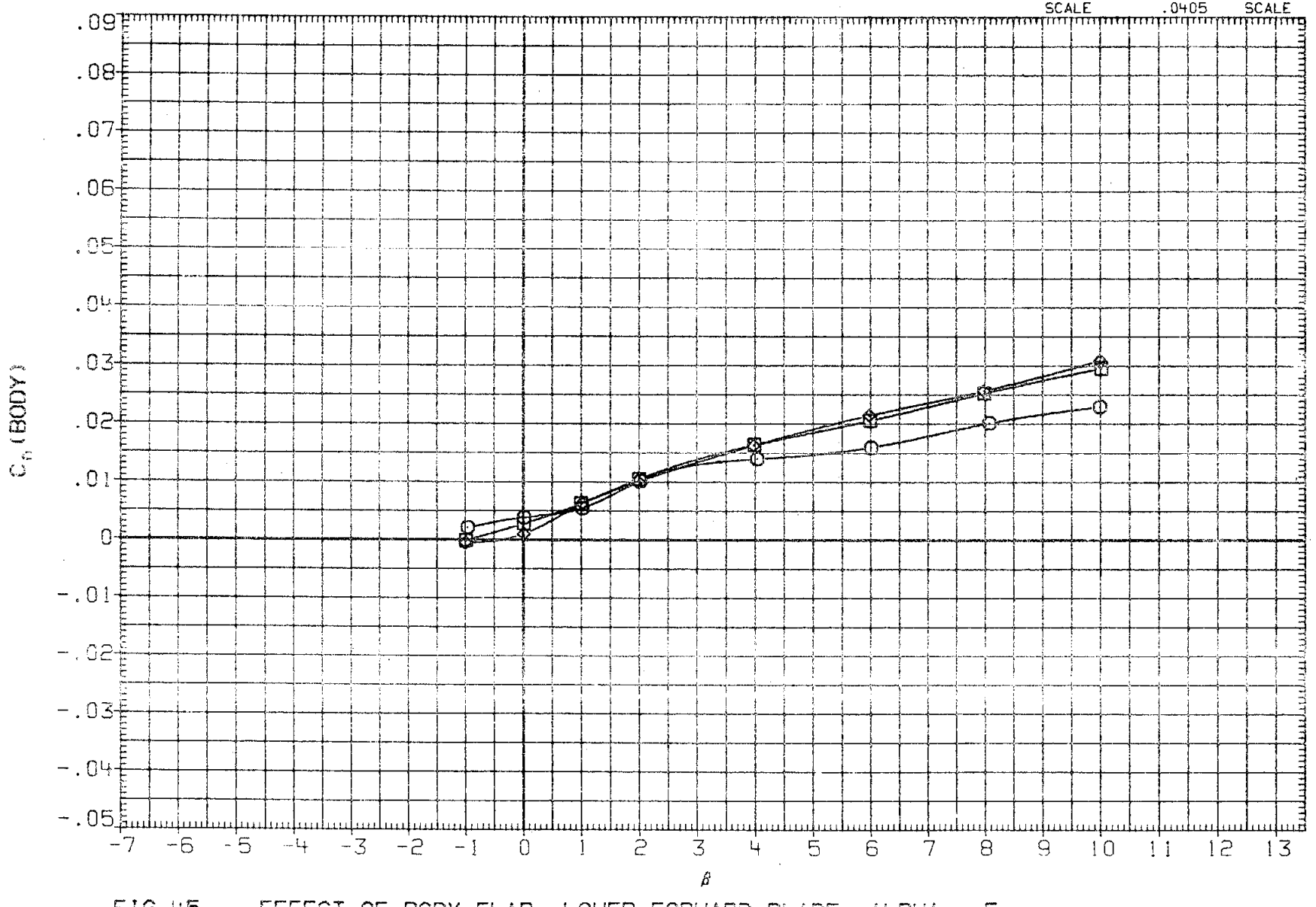

FIG 45 EFFECT OF BODY FLAP, LOWER FORWARD BLADE, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ094	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	7.000	5.000
RFJ098	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	7.000	5.000
RFJ099	◇	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	16.300	7.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

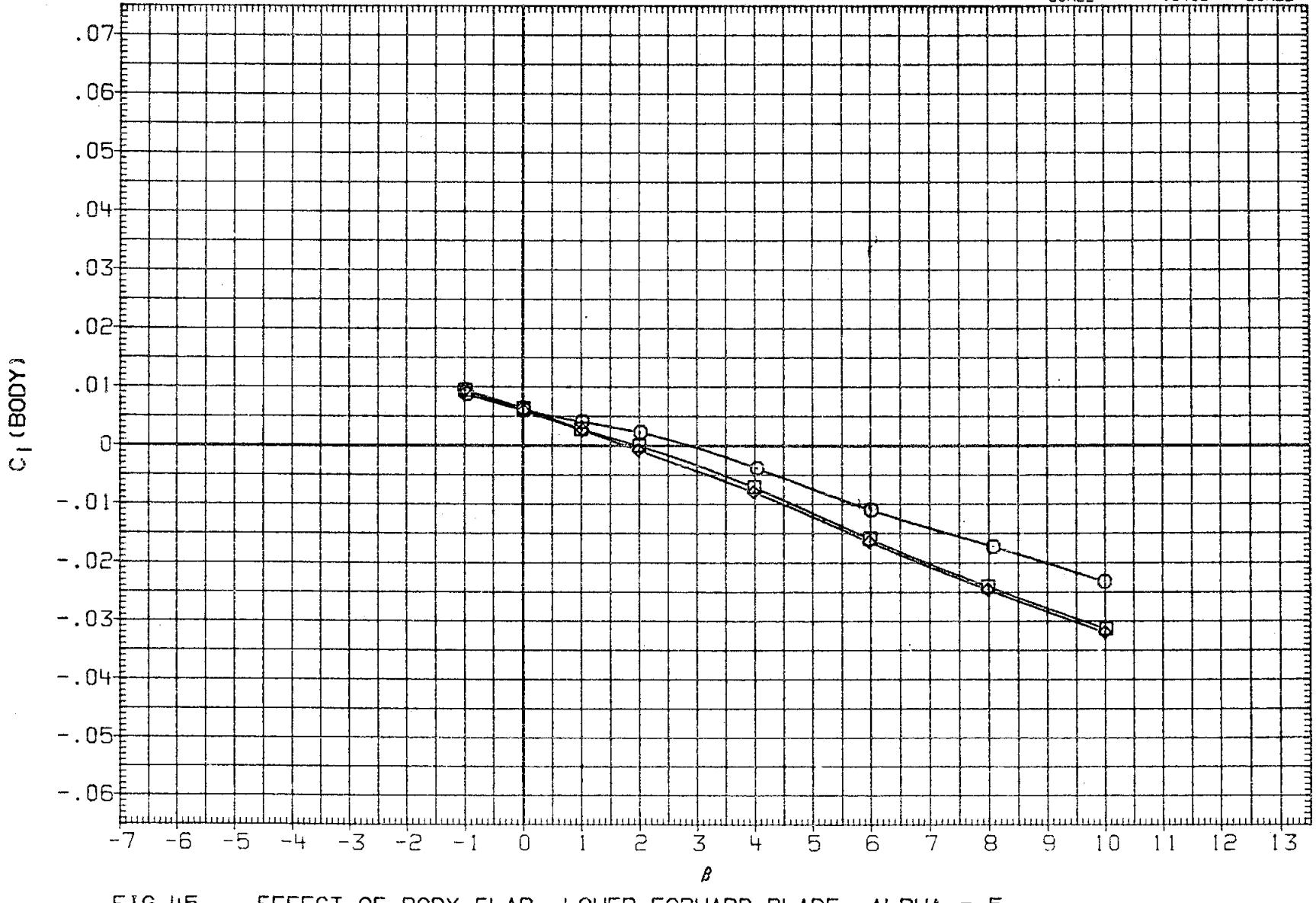

FIG 45 EFFECT OF BODY FLAP, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	SDFLAP	ELEVON	SIH	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ100	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	974.8100	INCHES
BREF	936.5800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

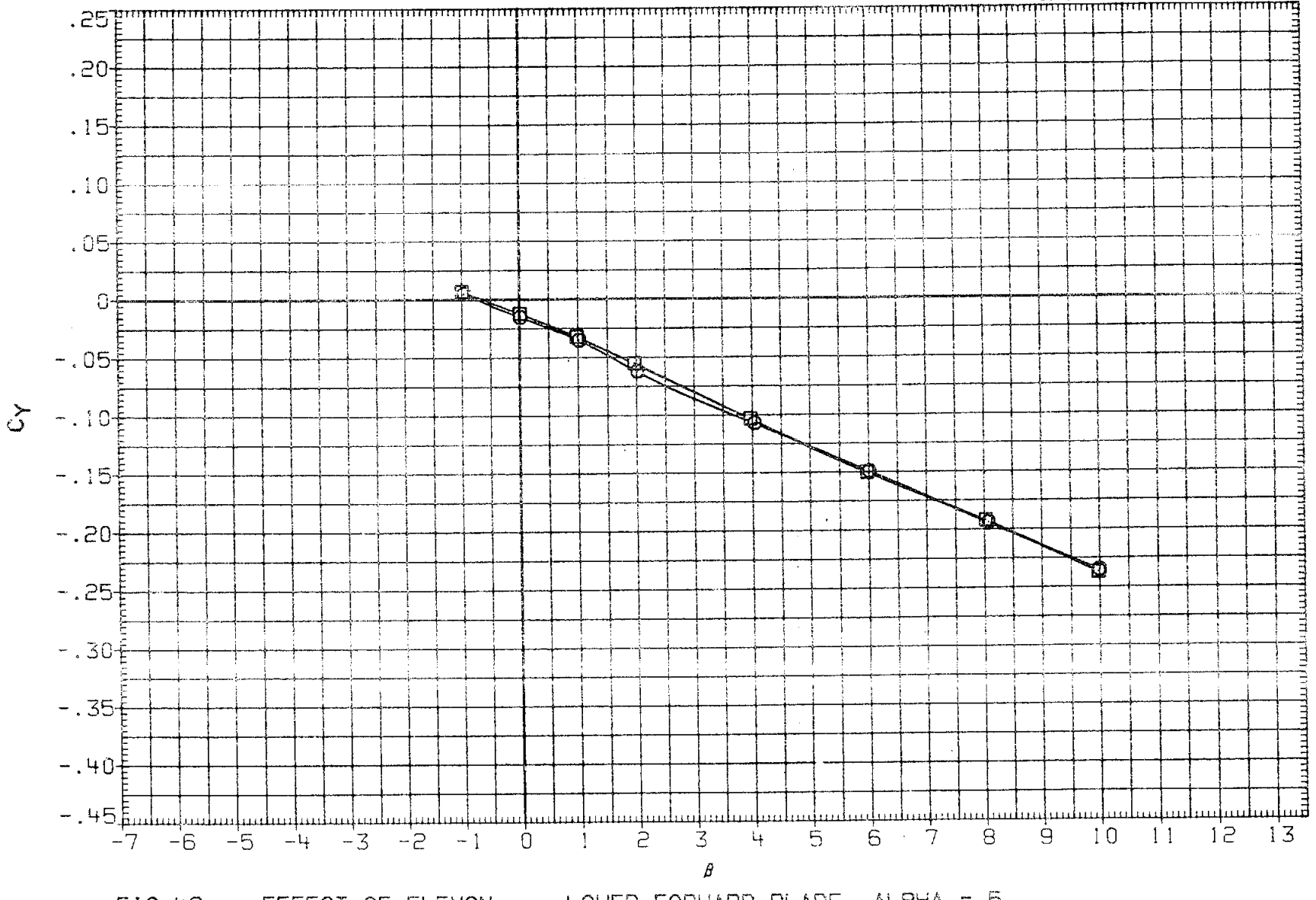

FIG 46 EFFECT OF ELEVON, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ELEVON	SIM	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ100	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

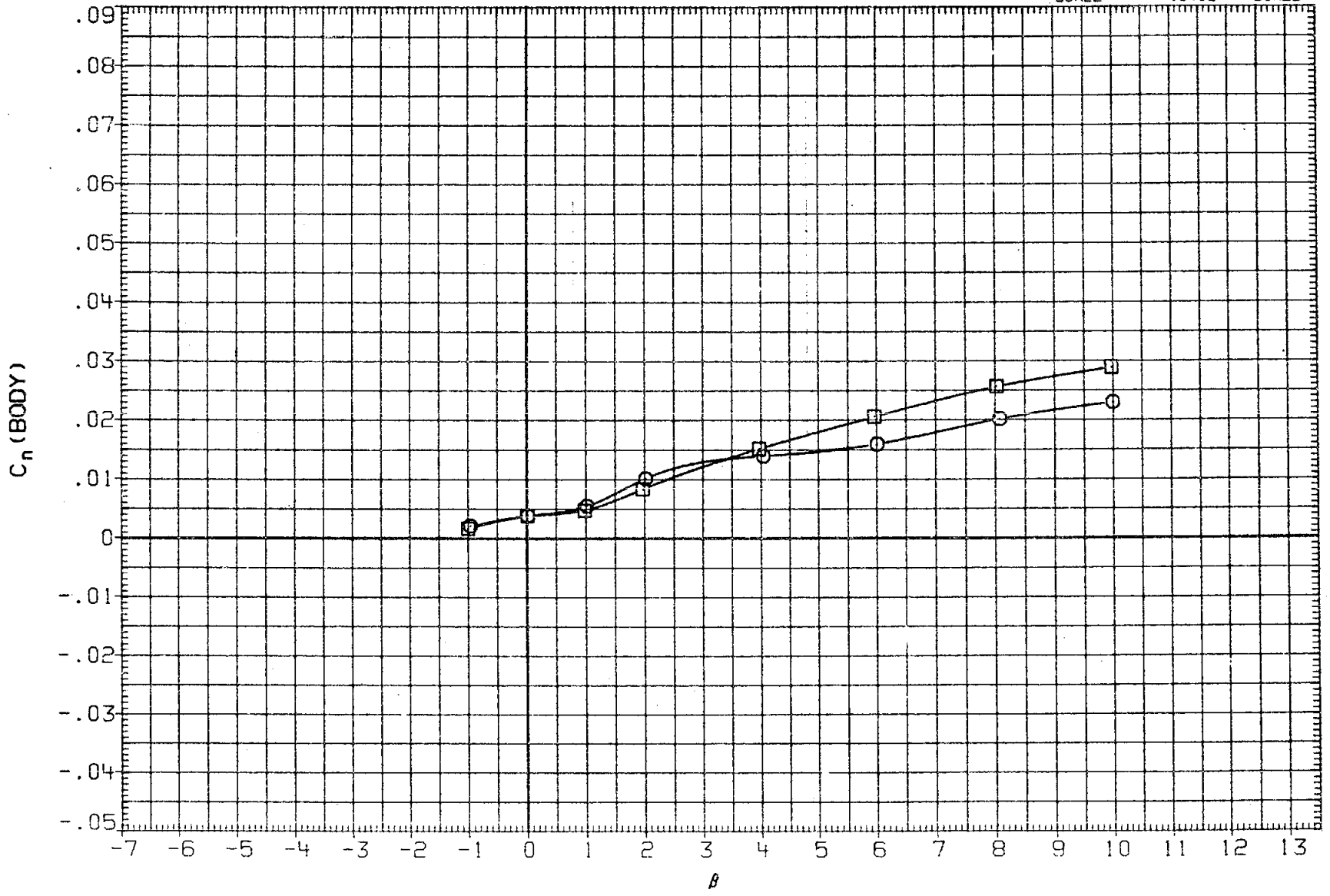

FIG 46 EFFECT OF ELEVON, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	ELEVON	SIM	ALPHA
RFJ094	○	0A176 B26C9PRIM16N26W116E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ100	□	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

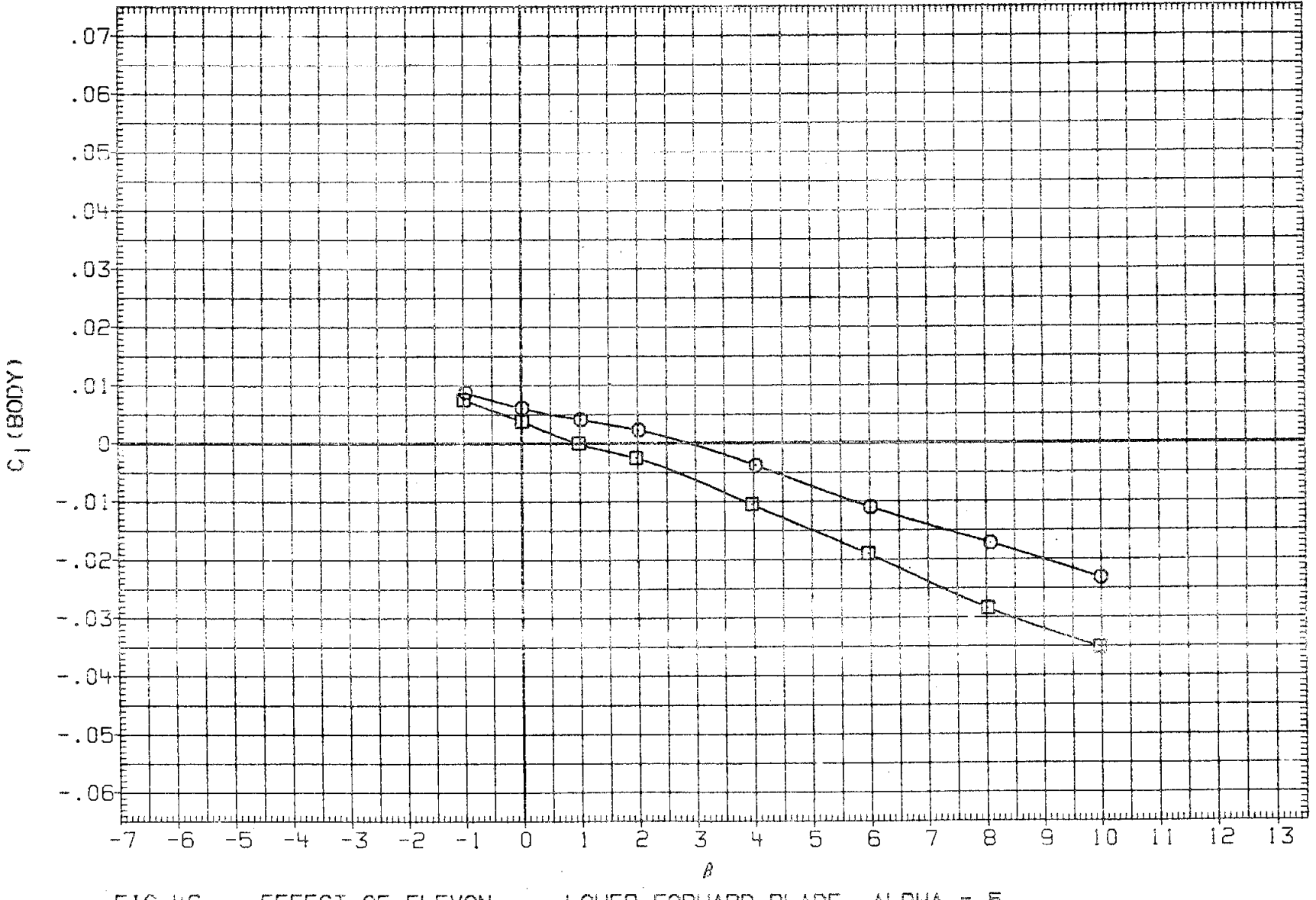

FIG 46 EFFECT OF ELEVON, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	AILRON	SIM	ALPHA
RFJ094	○	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ101	□	0A176	B26C9PRIM16N28WI16E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

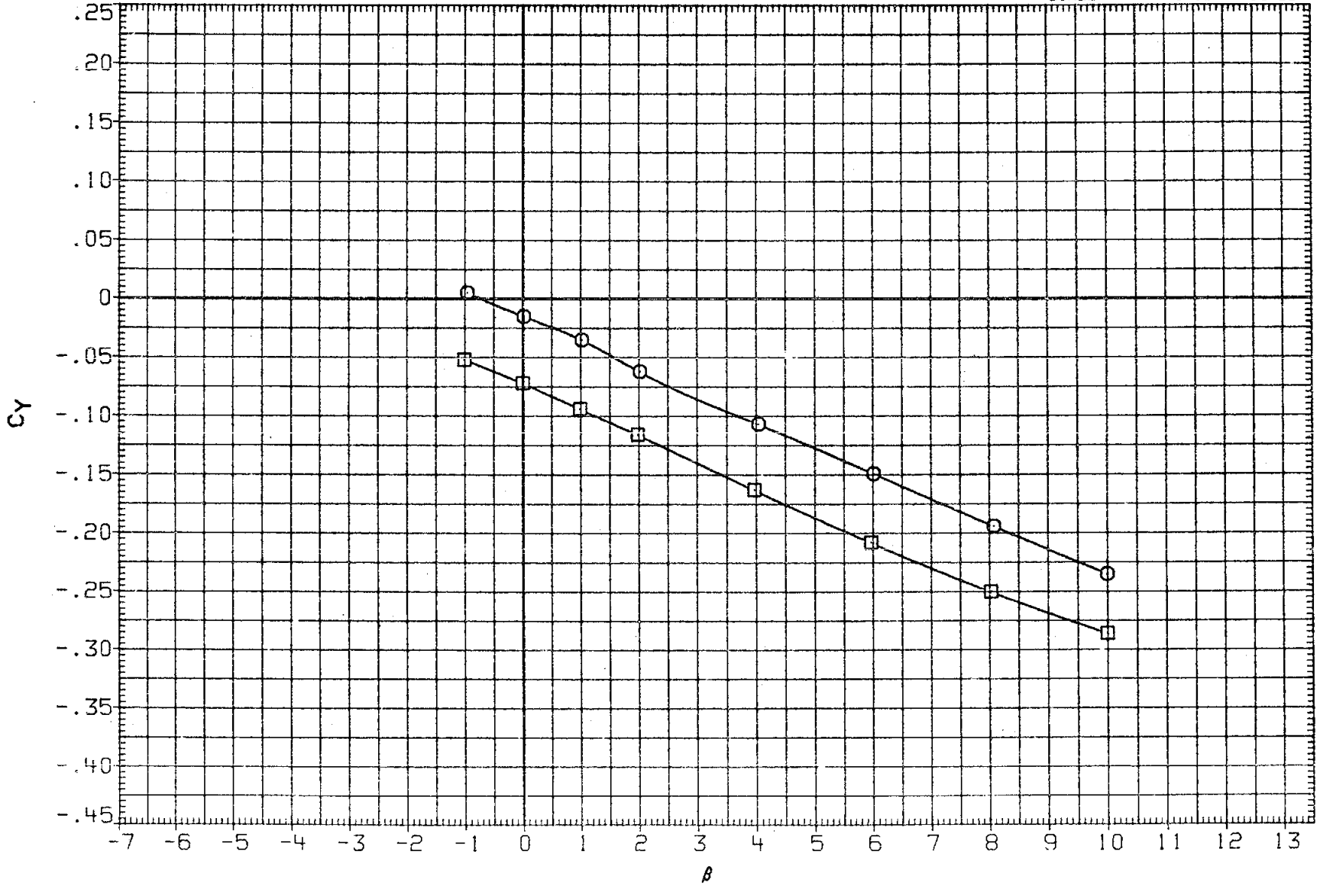

FIG 47 EFFECT OF AILRON, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	AILRON	STM	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ101	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

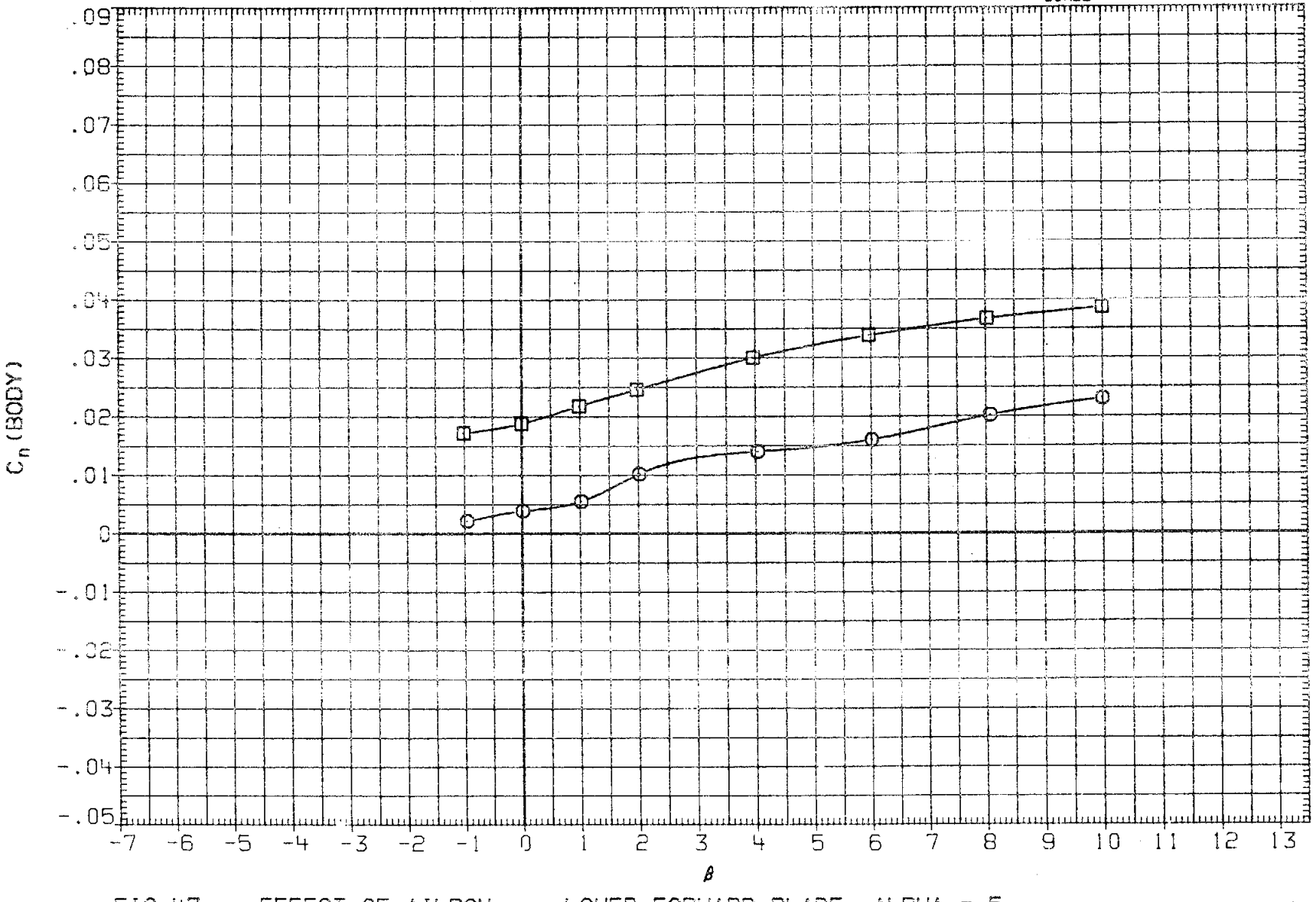

FIG 47 EFFECT OF AILRON, LOWER FORWARD BLADE, ALPHA = 5

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	AILRON	SIM	ALPHA
RFJ094	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000	7.000	5.000
RFJ101	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000	7.000	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

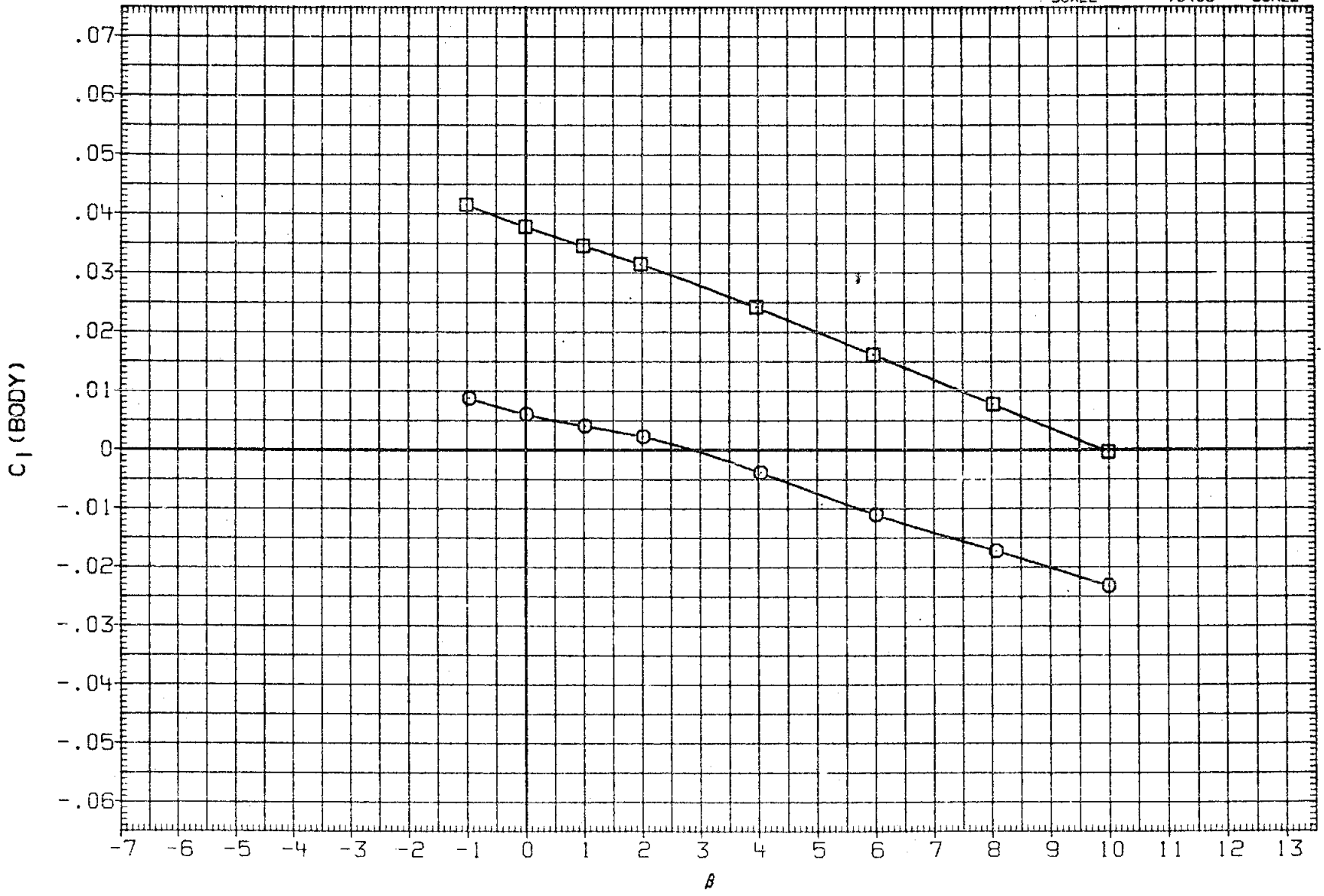

FIG 47 EFFECT OF AILRON, LOWER FORWARD BLADE, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	12.500
RFJ109	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ110	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	471.9100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

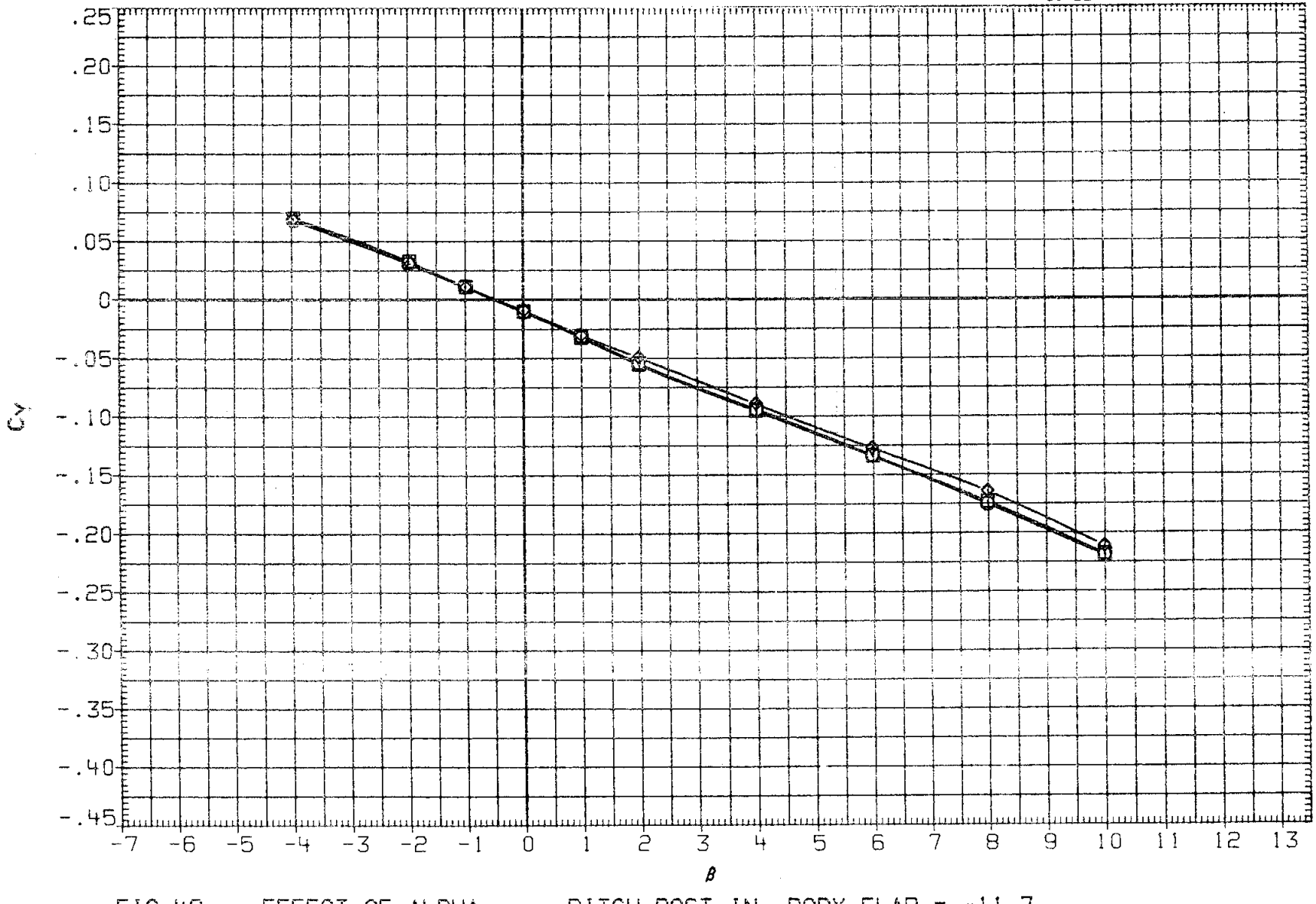

FIG 48 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = -11.7

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	12.500
RFJ109	□	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ110	◇	0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

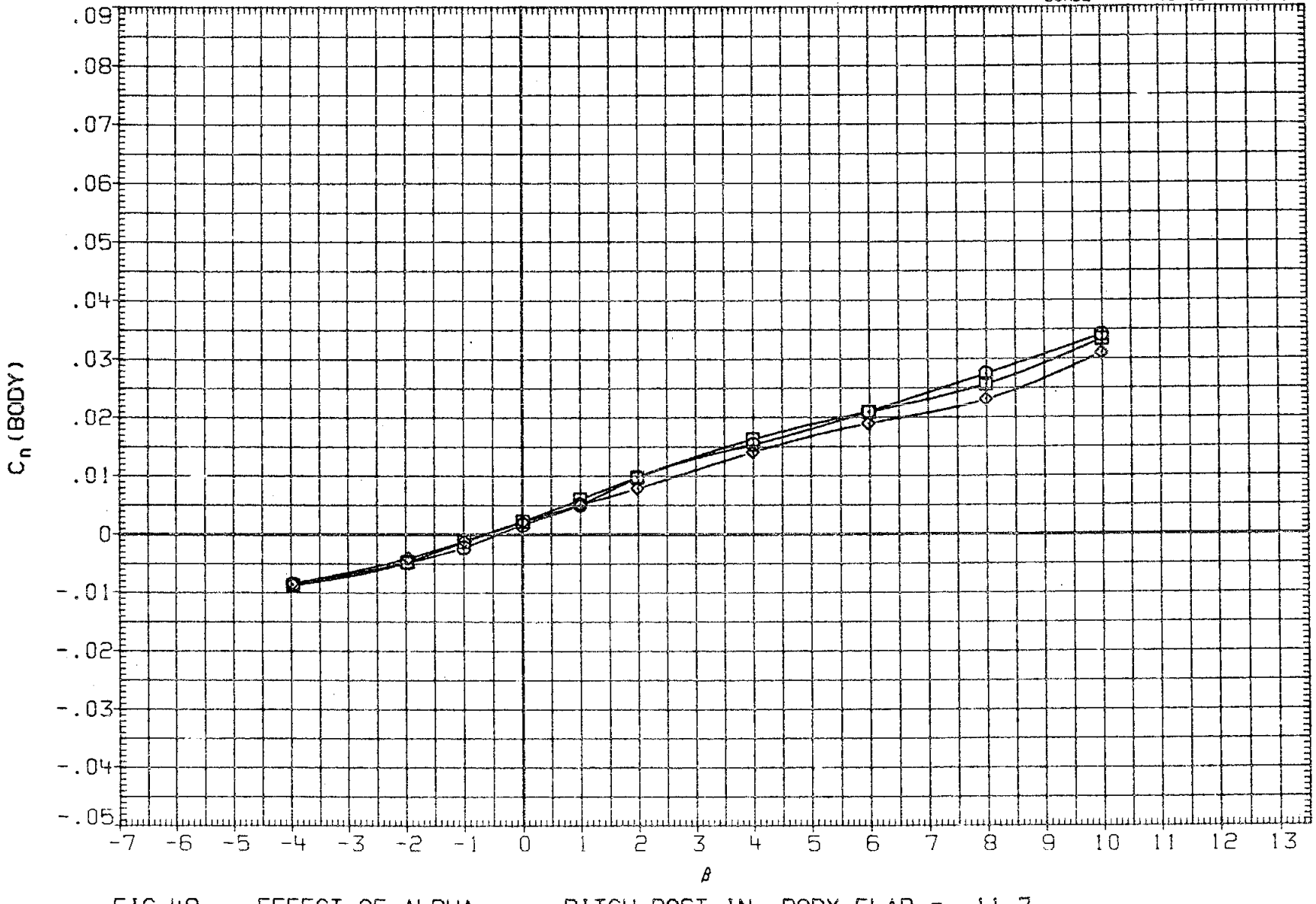

FIG 48 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = -11.7

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	8.000	12.500
RFJ109	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ110	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.6100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6600	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

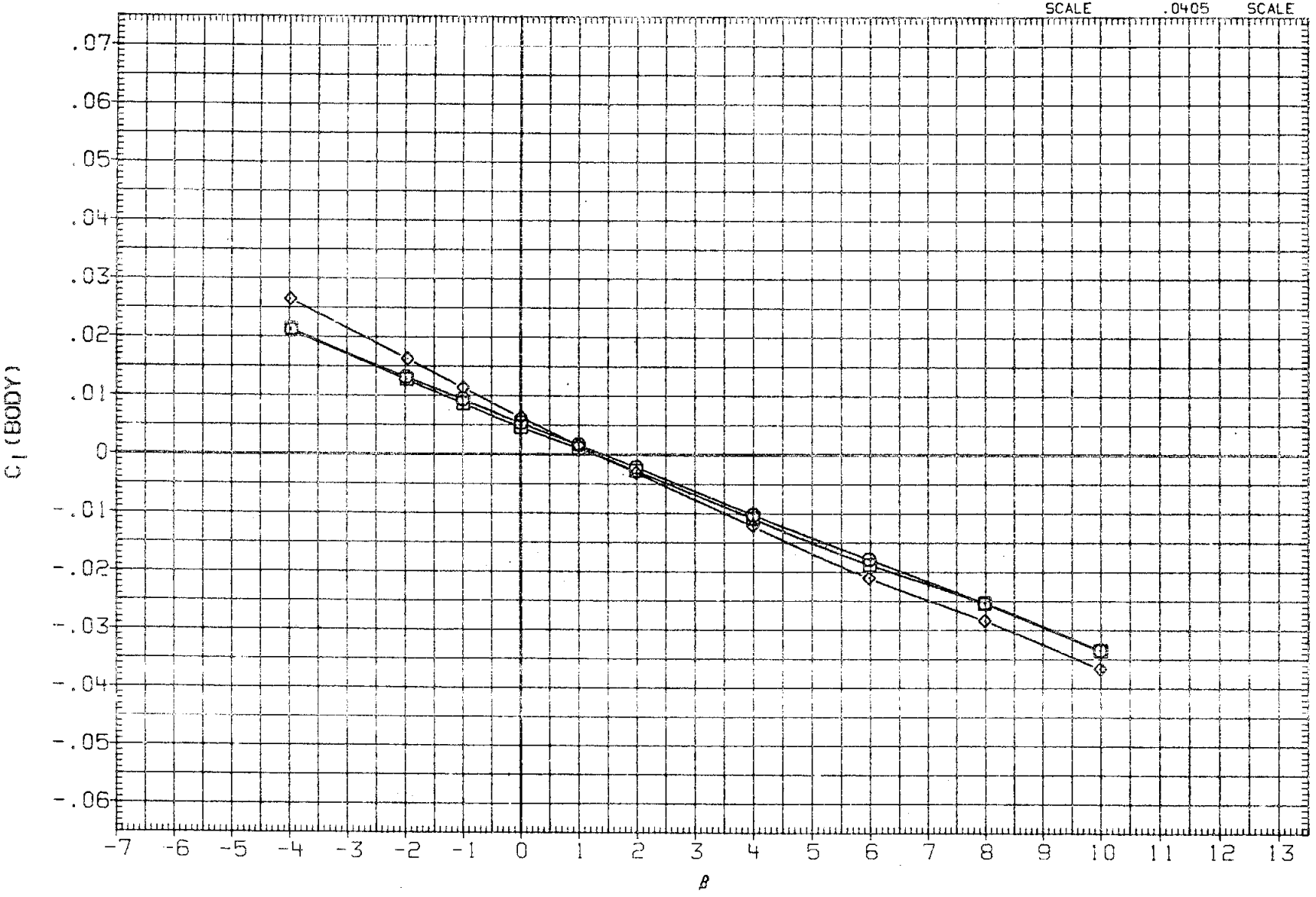

FIG 48 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = -11.7

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	12.500
RFJ113	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	12.500
RFJ114	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

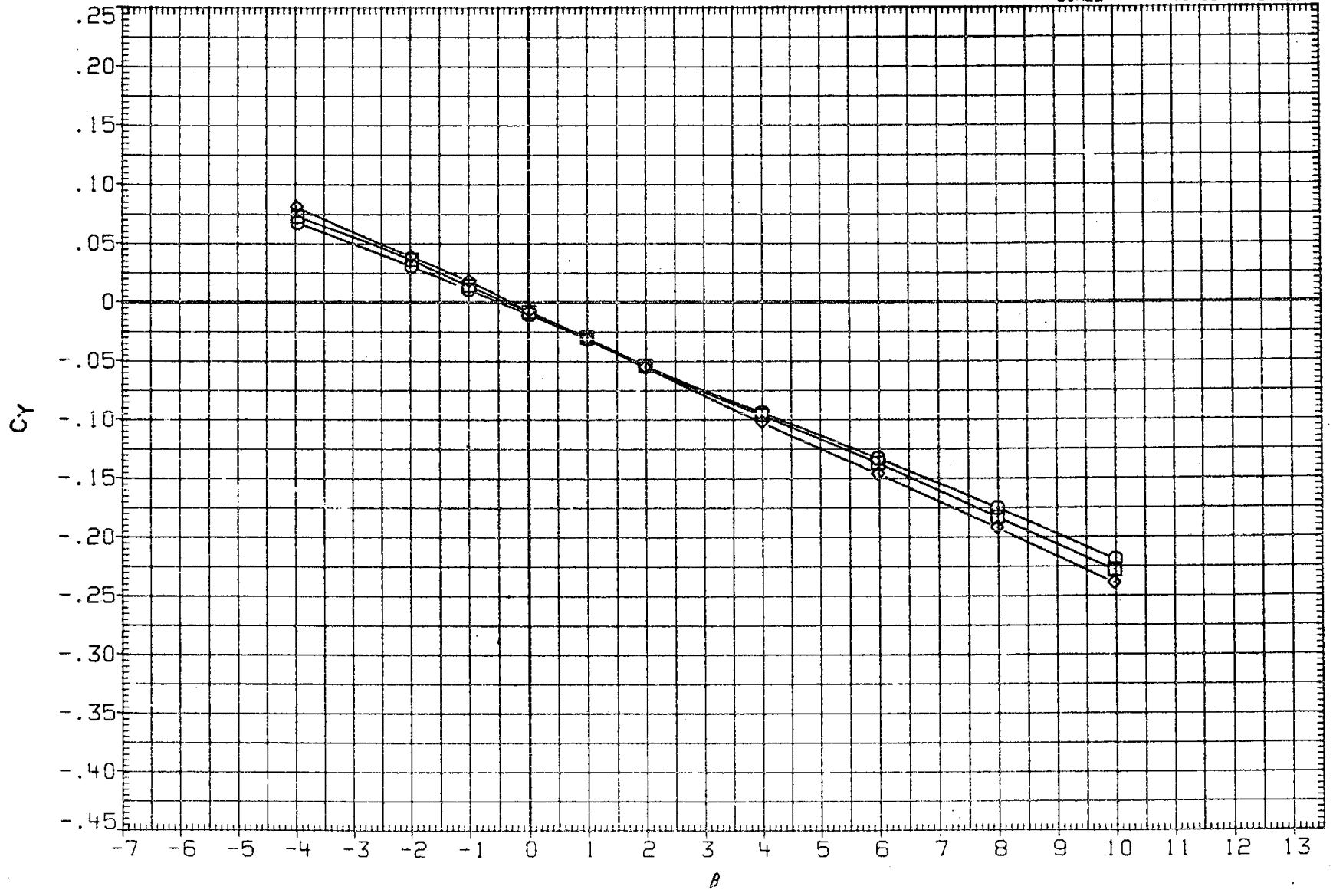

FIG 49 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 12.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	12.500
RFJ113	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	12.500
RFJ114	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

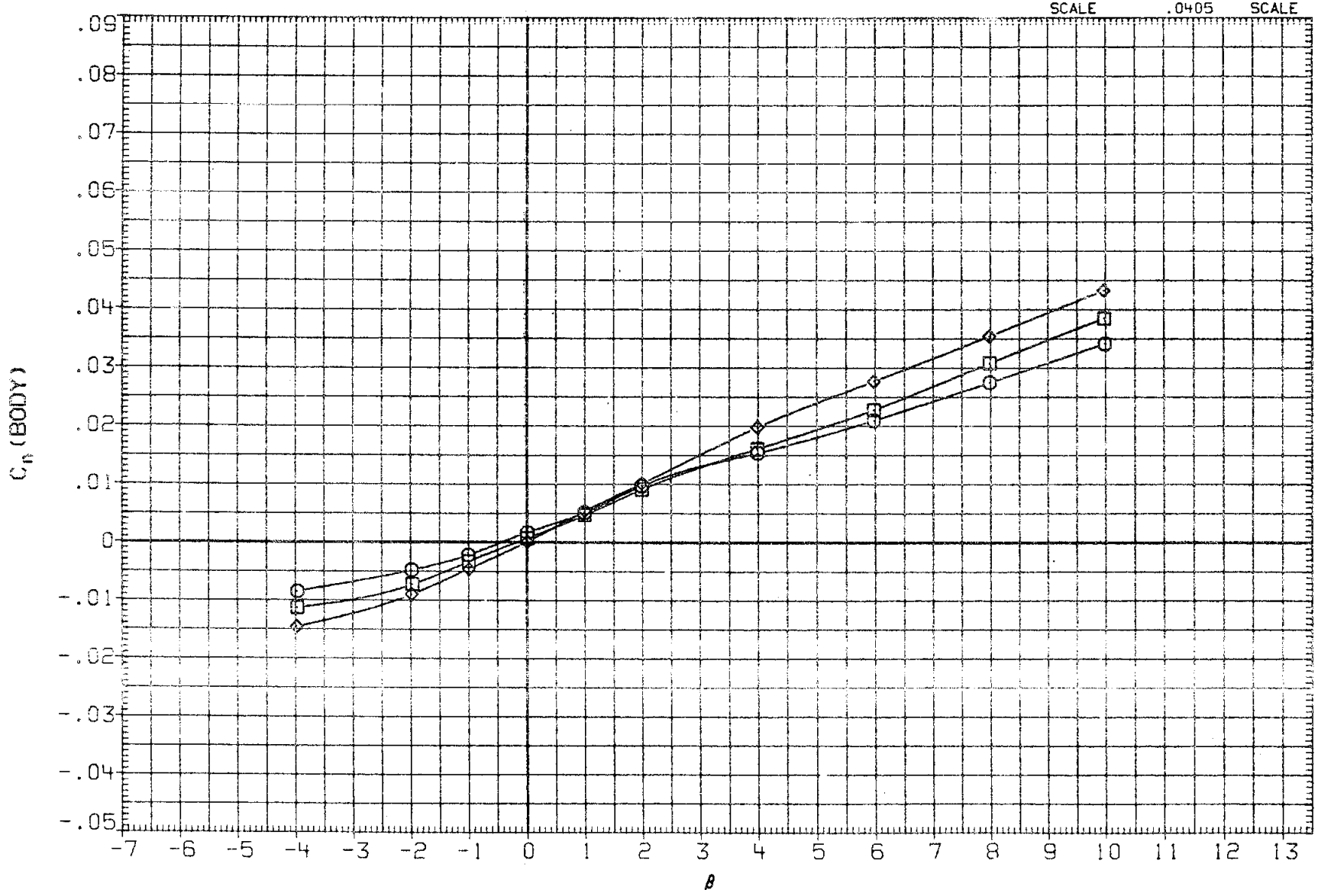

FIG 49 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 12.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ108	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	12.500
RFJ113	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	12.500
RFJ114	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

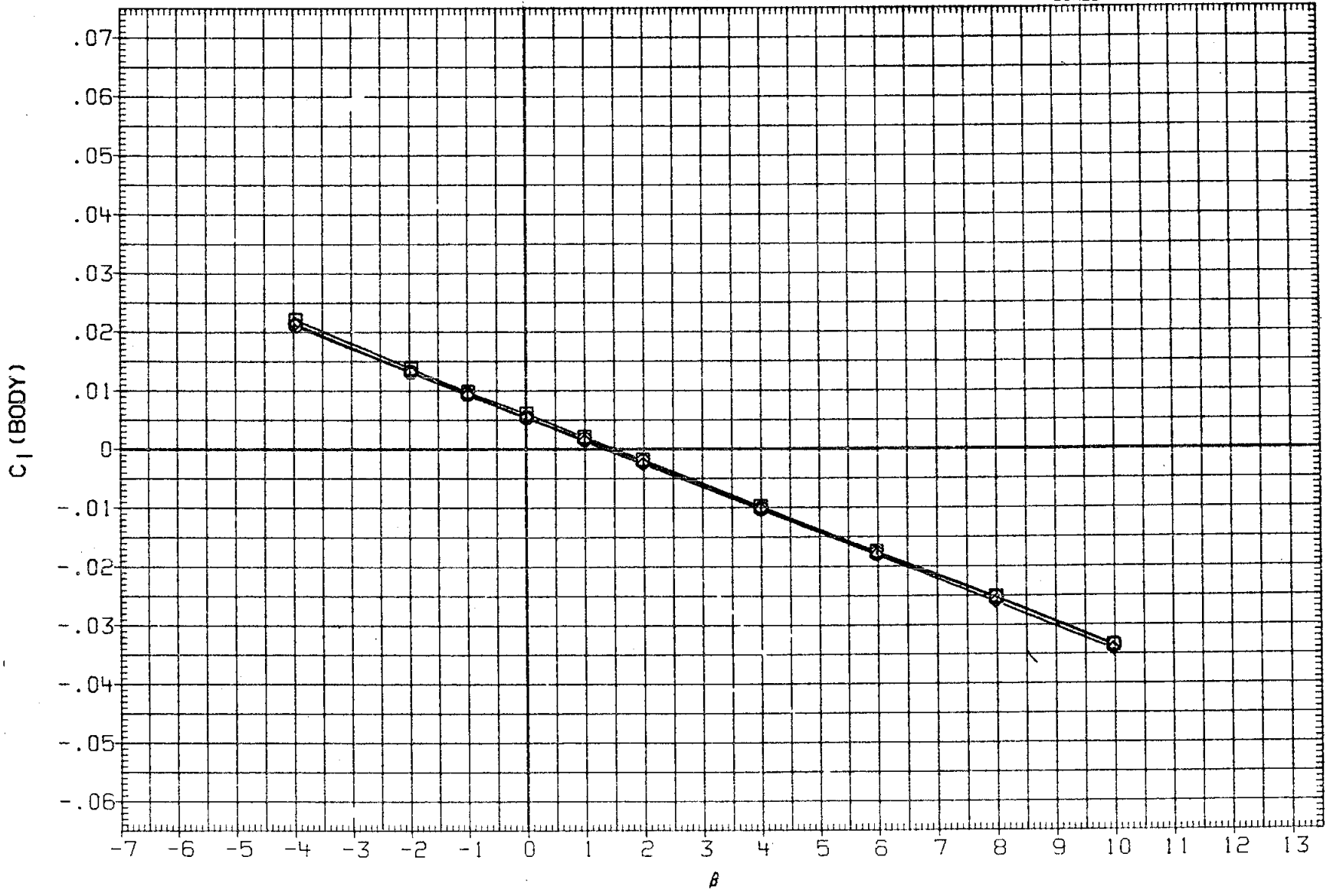

FIG 49 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 12.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ109	○	0A176	B26C9PR1M16N28W11GE43F8V8R5TC19XS	-11.700	4.000	15.000
RFJ112	□	0A176	B26C9PR1M16N28W11GE43F8V8R5TC19XS	.000	4.000	15.000
RFJ115	◇	0A176	B26C9PR1M16N28W11GE43F8V8R5TC19XS	16.300	4.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

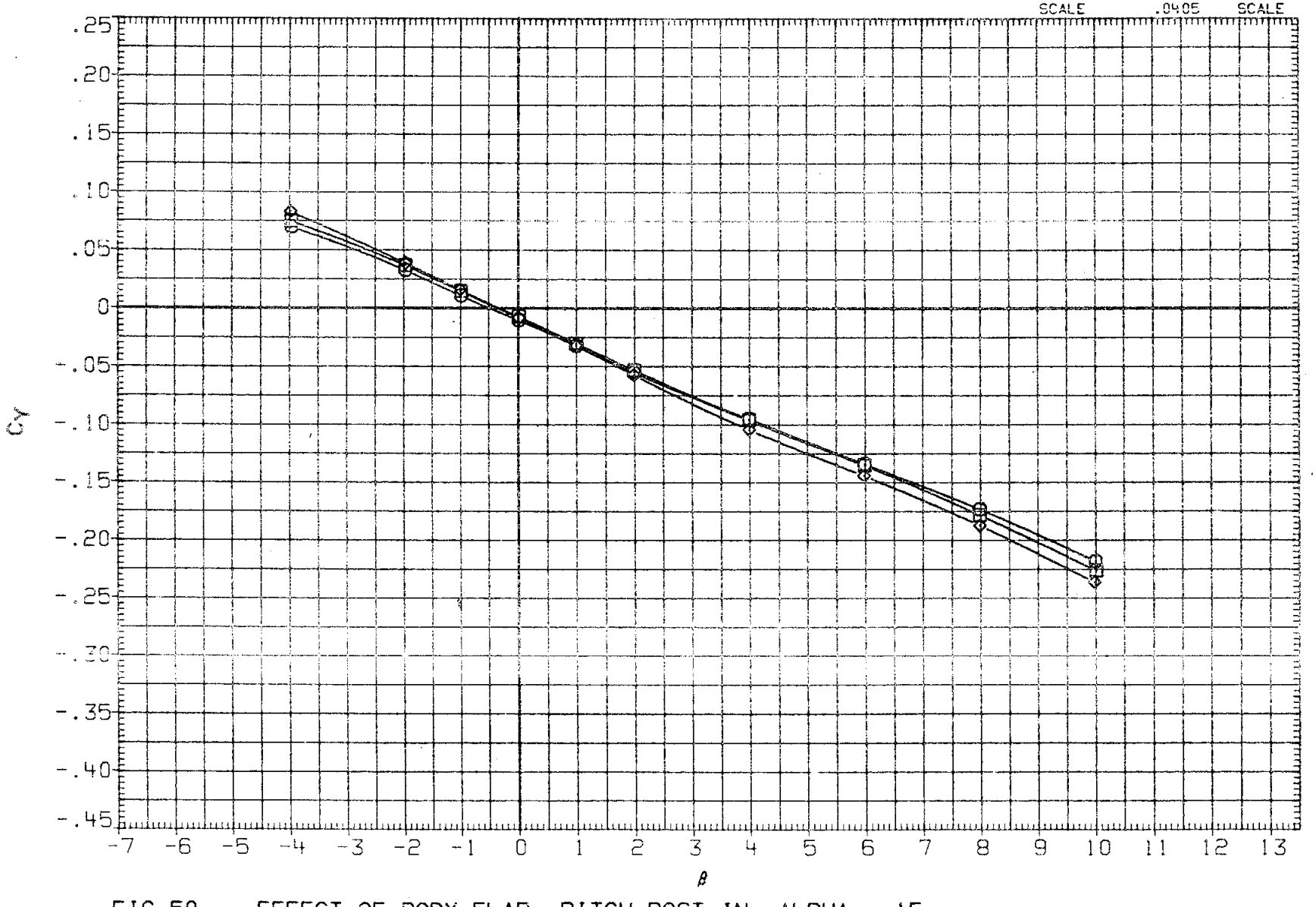

FIG 50 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ109	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ112	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	15.000
RFJ115	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	15.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

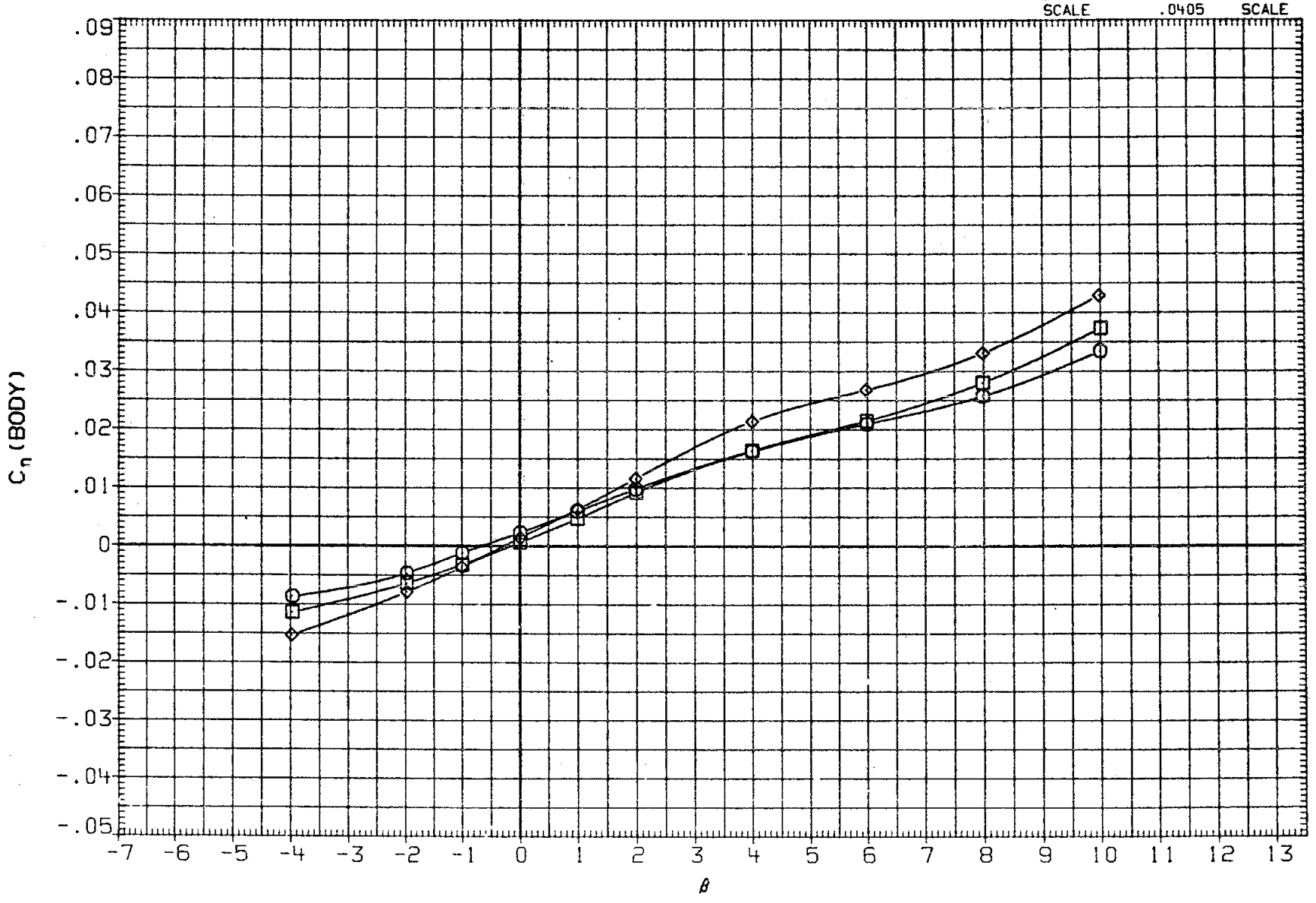

FIG 50 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ109	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	15.000
RFJ112	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	15.000
RFJ115	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

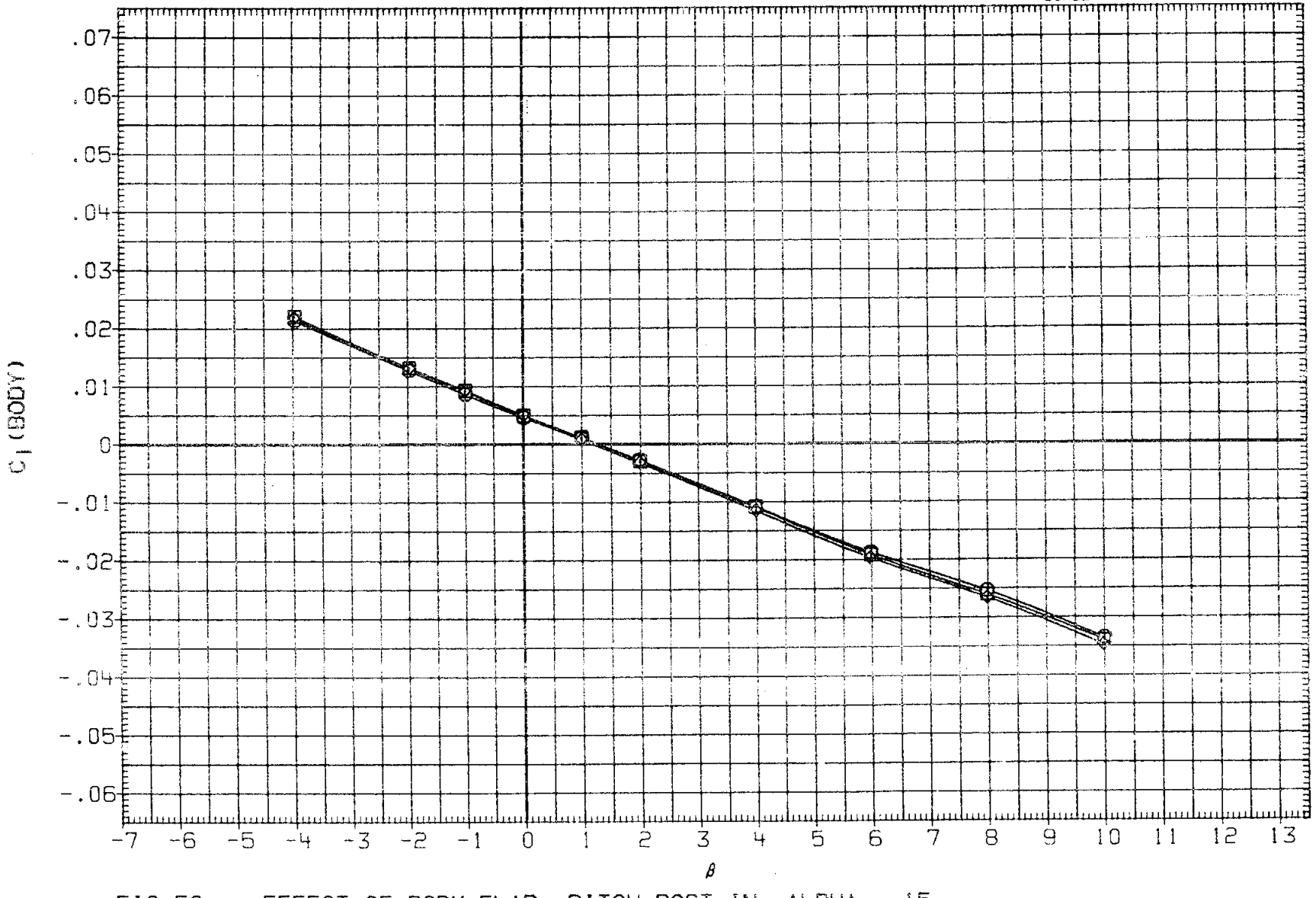

FIG 50 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ110	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500
RFJ111	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	4.000	17.500
RFJ116	◇	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

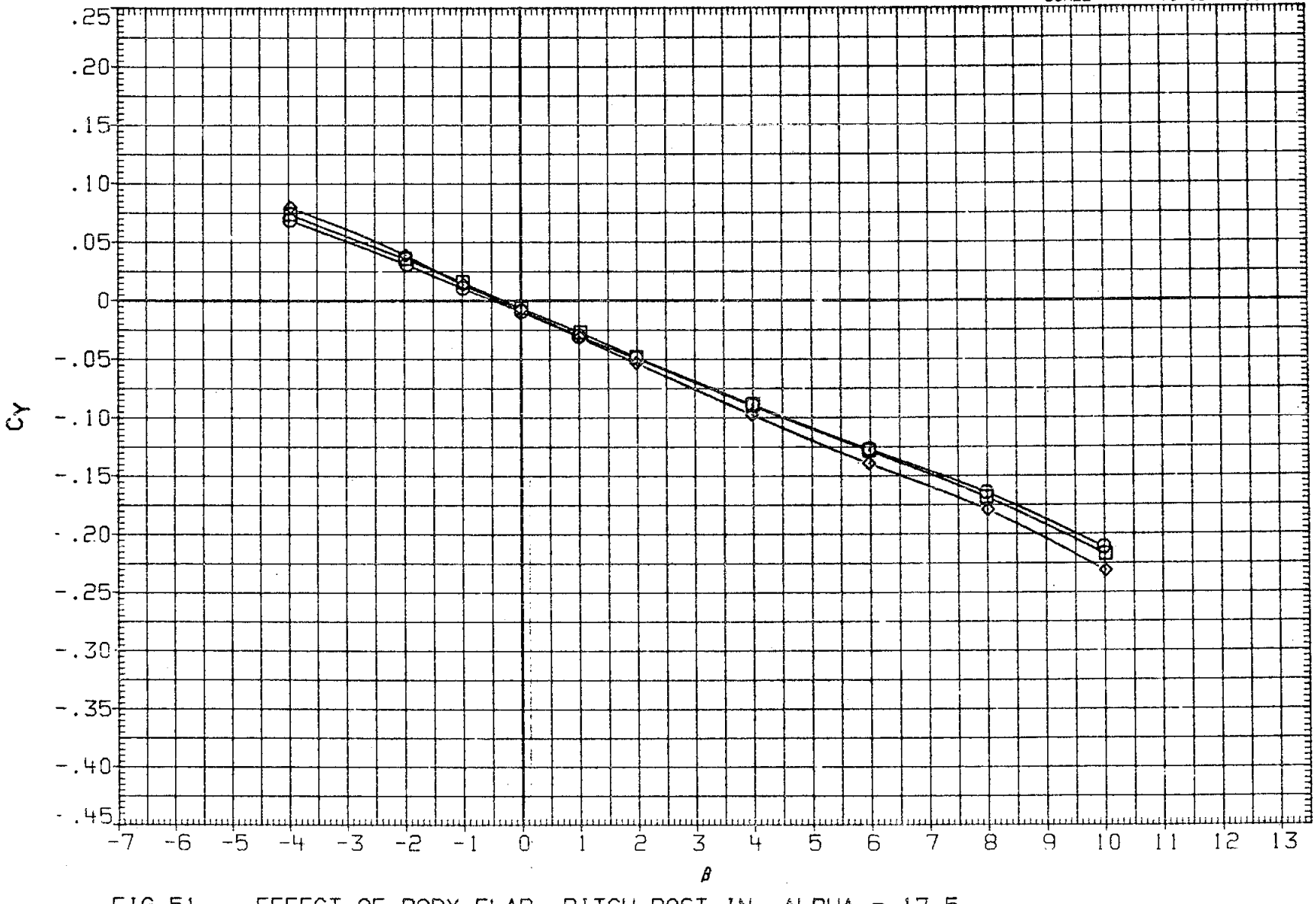

FIG 51 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 17.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ110	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500
RFJ111	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	17.500
RFJ116	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

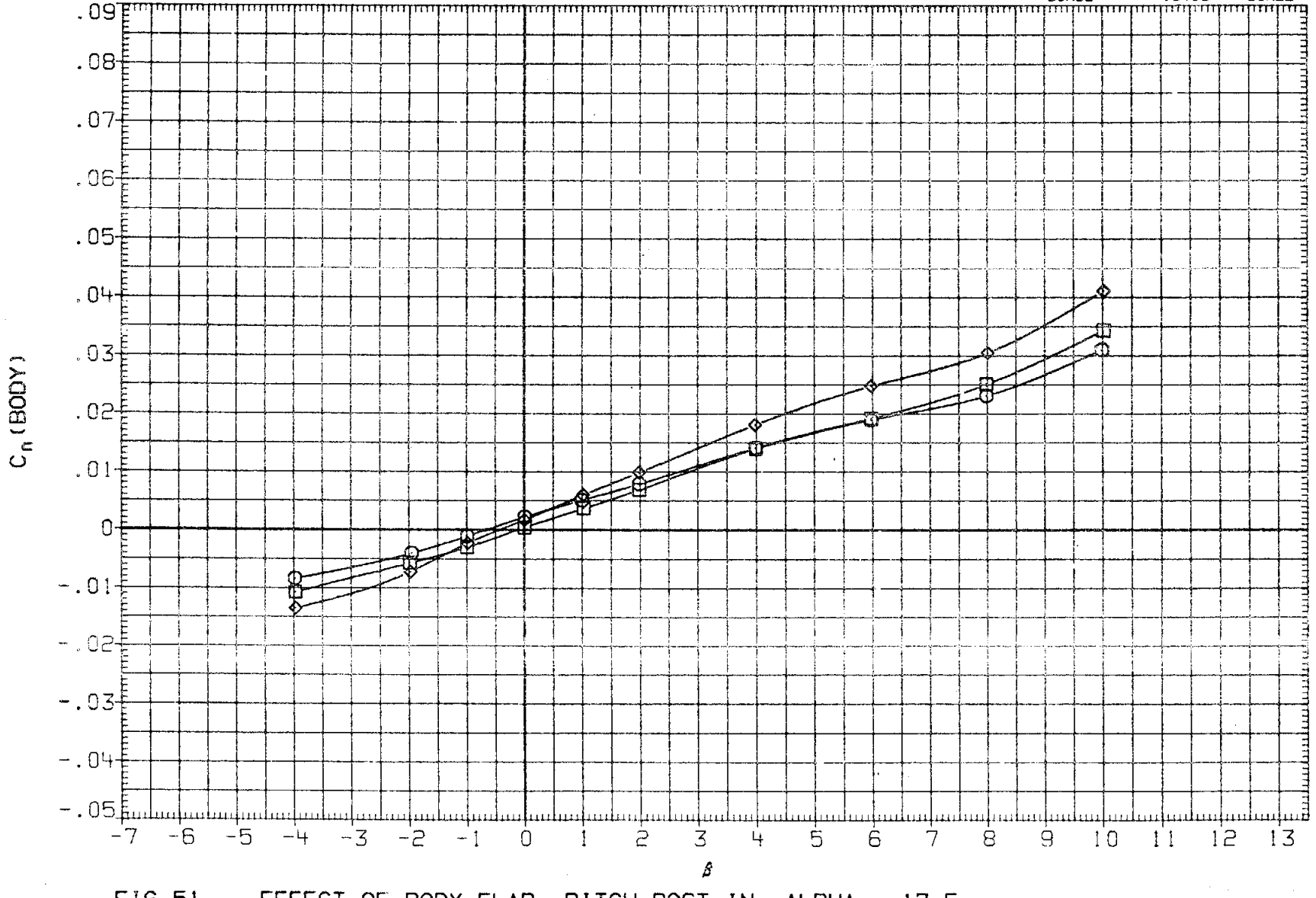

FIG 51 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 17.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ110	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	4.000	17.500
RFJ111	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	17.500
RFJ116	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

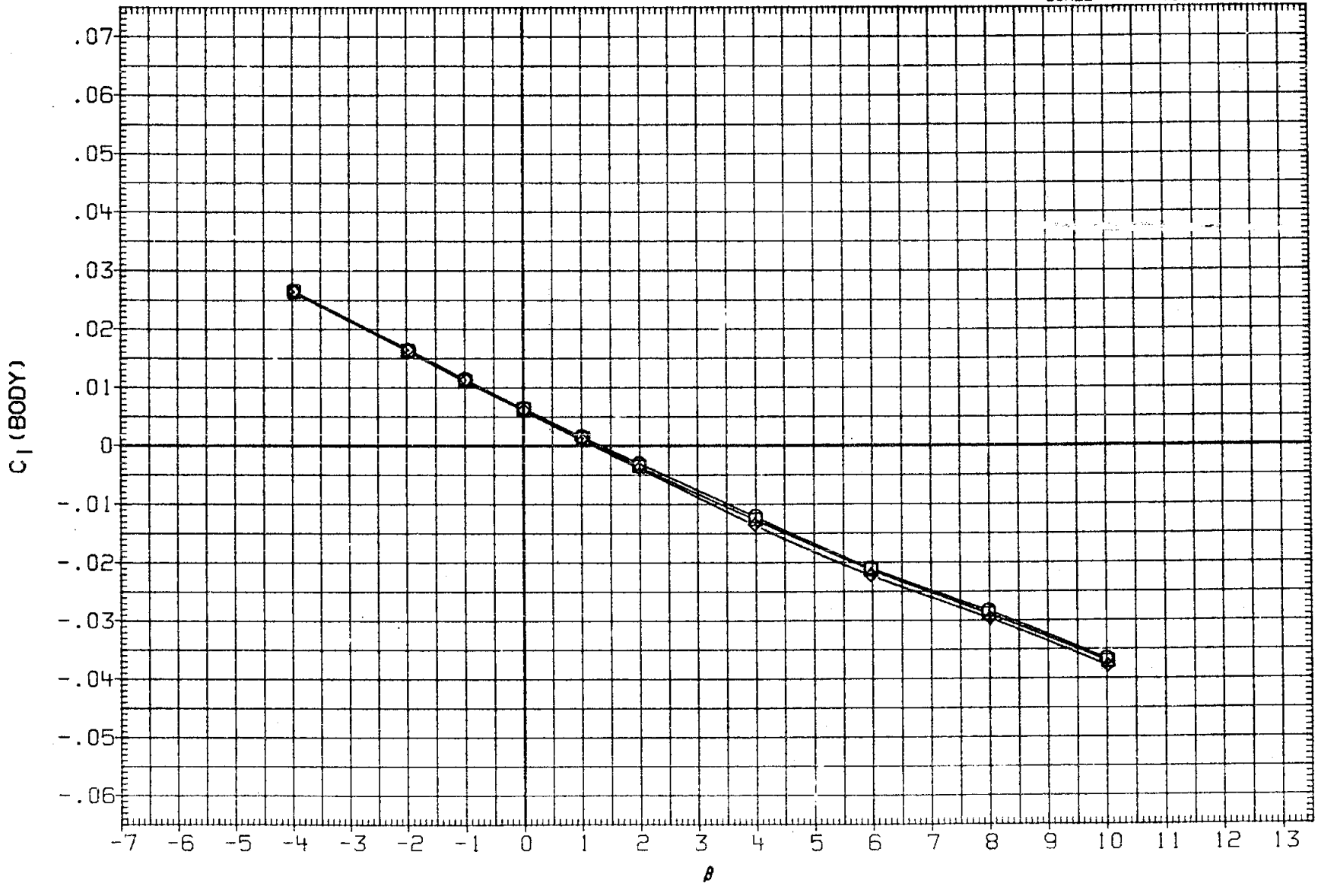

FIG 51 EFFECT OF BODY FLAP, PITCH POST IN, ALPHA = 17.5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ113	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	12.500
RFJ112	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	15.000
RFJ111	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	17.500

REFERENCE INFORMATION		
SREF	2650.0000	SQ.FT.
LREF	474.6100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

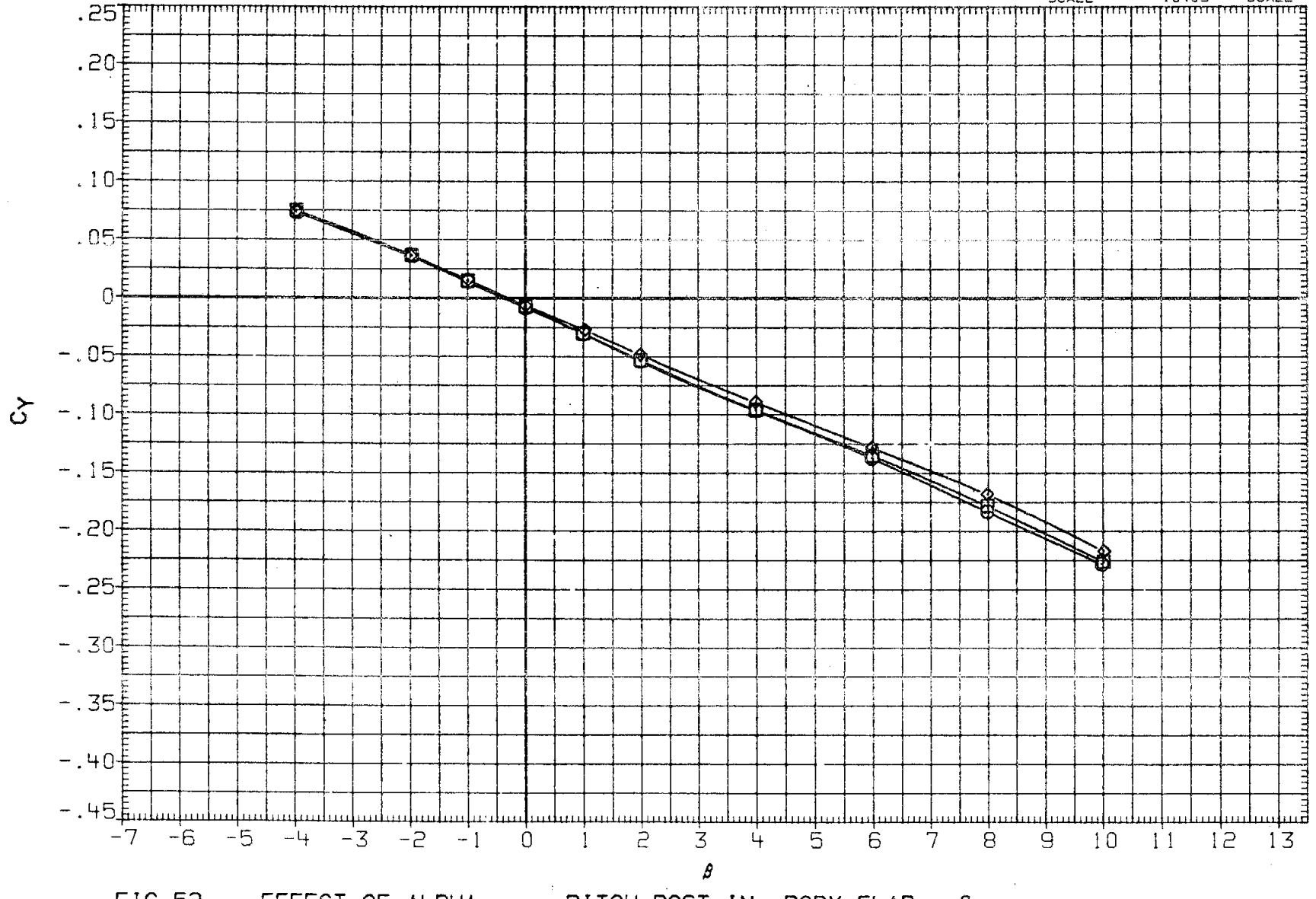

FIG 52 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ113	○	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	4.000	12.500
RFJ112	□	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	4.000	15.000
RFJ111	◇	OA176	B26C9PRIM16N28W116E43F8V8R5TC19X9	.000	4.000	17.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

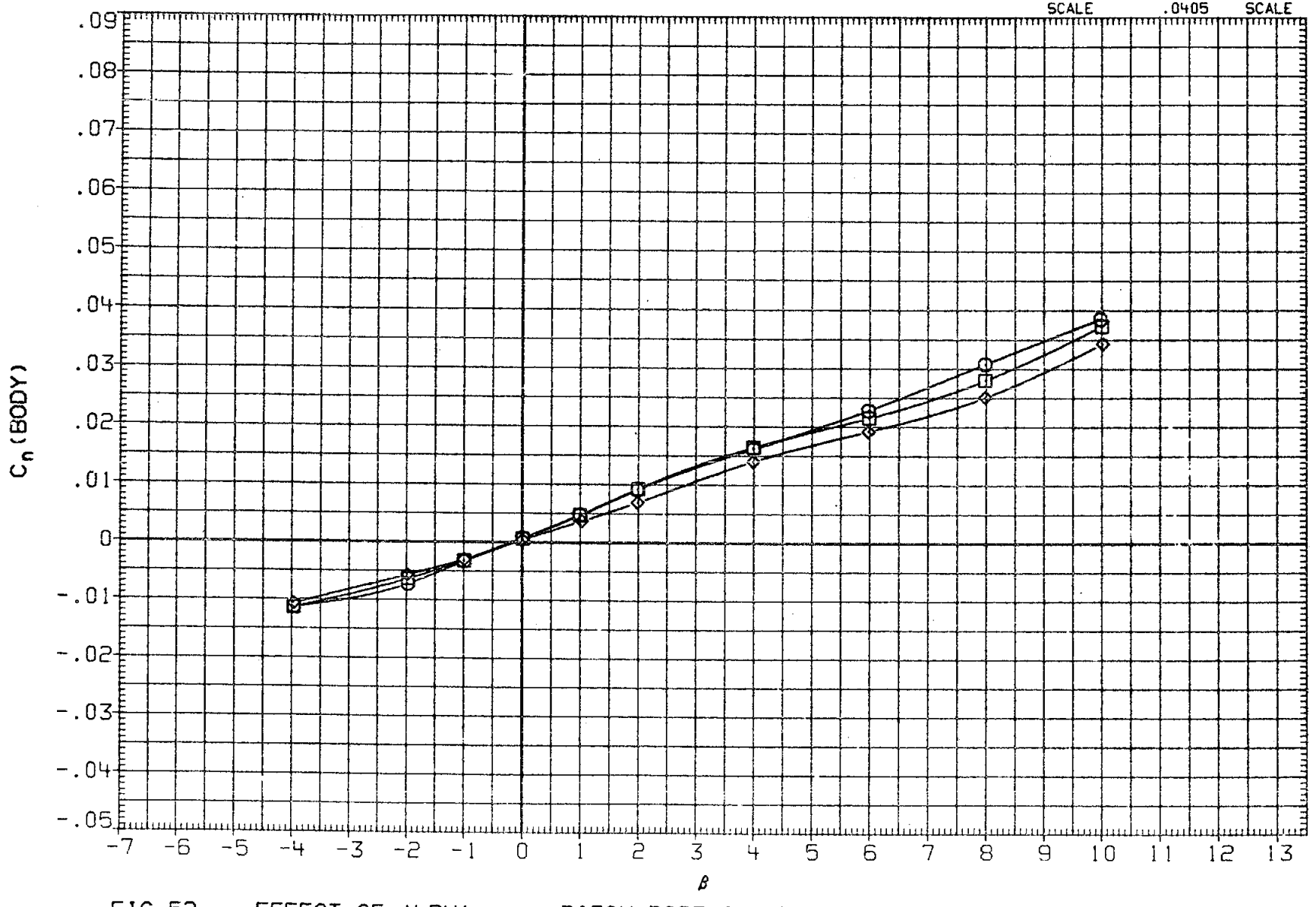

FIG 52 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ113	○	OA176	B26C9PR1M16N28W116E43F3V8R5TC19X9	.000	4.000	12.500
RFJ112	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	15.000
RFJ111	◇	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	.000	4.000	17.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

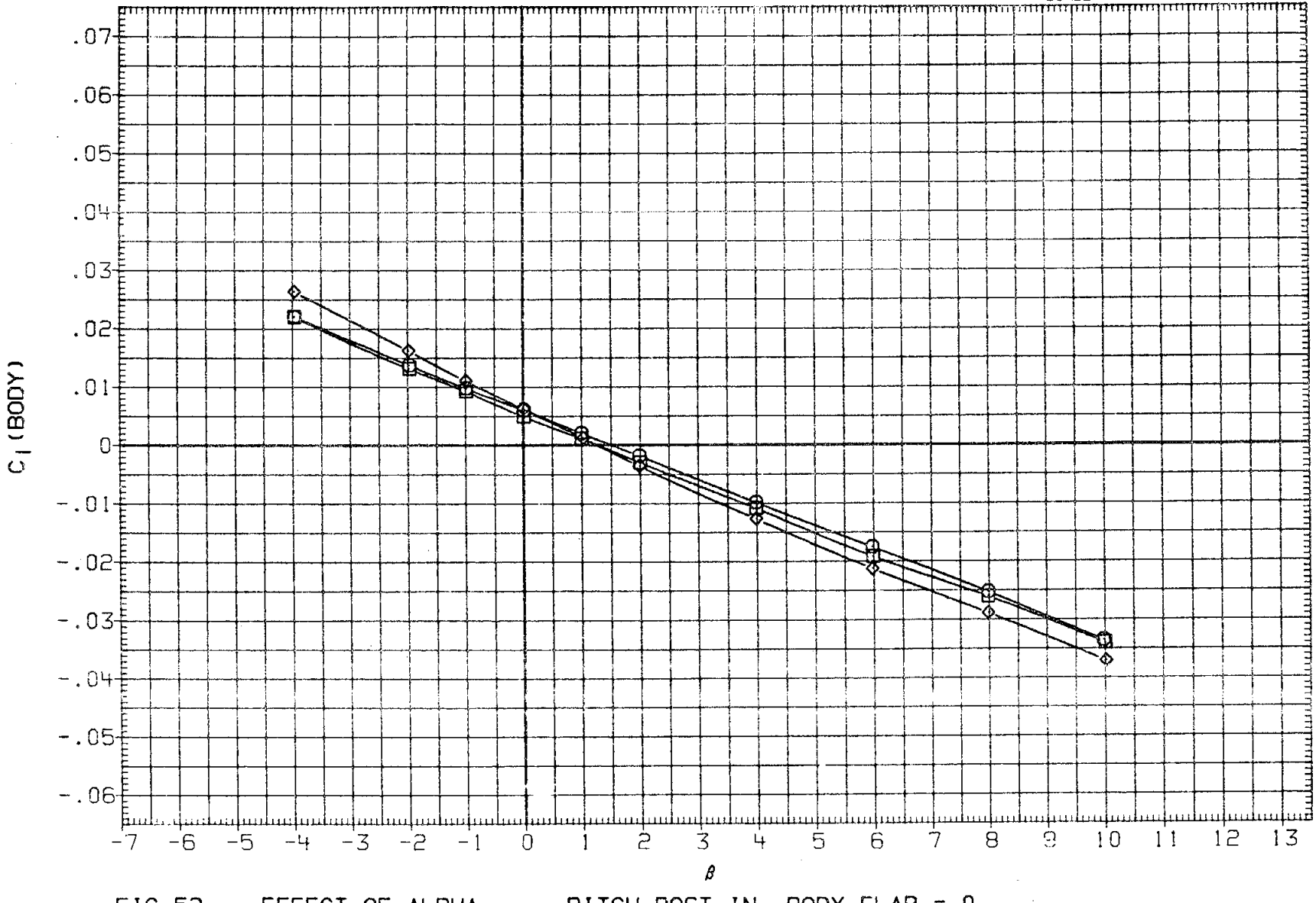

FIG 52 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 0

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ114	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500
RFJ115	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	15.000
RFJ116	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

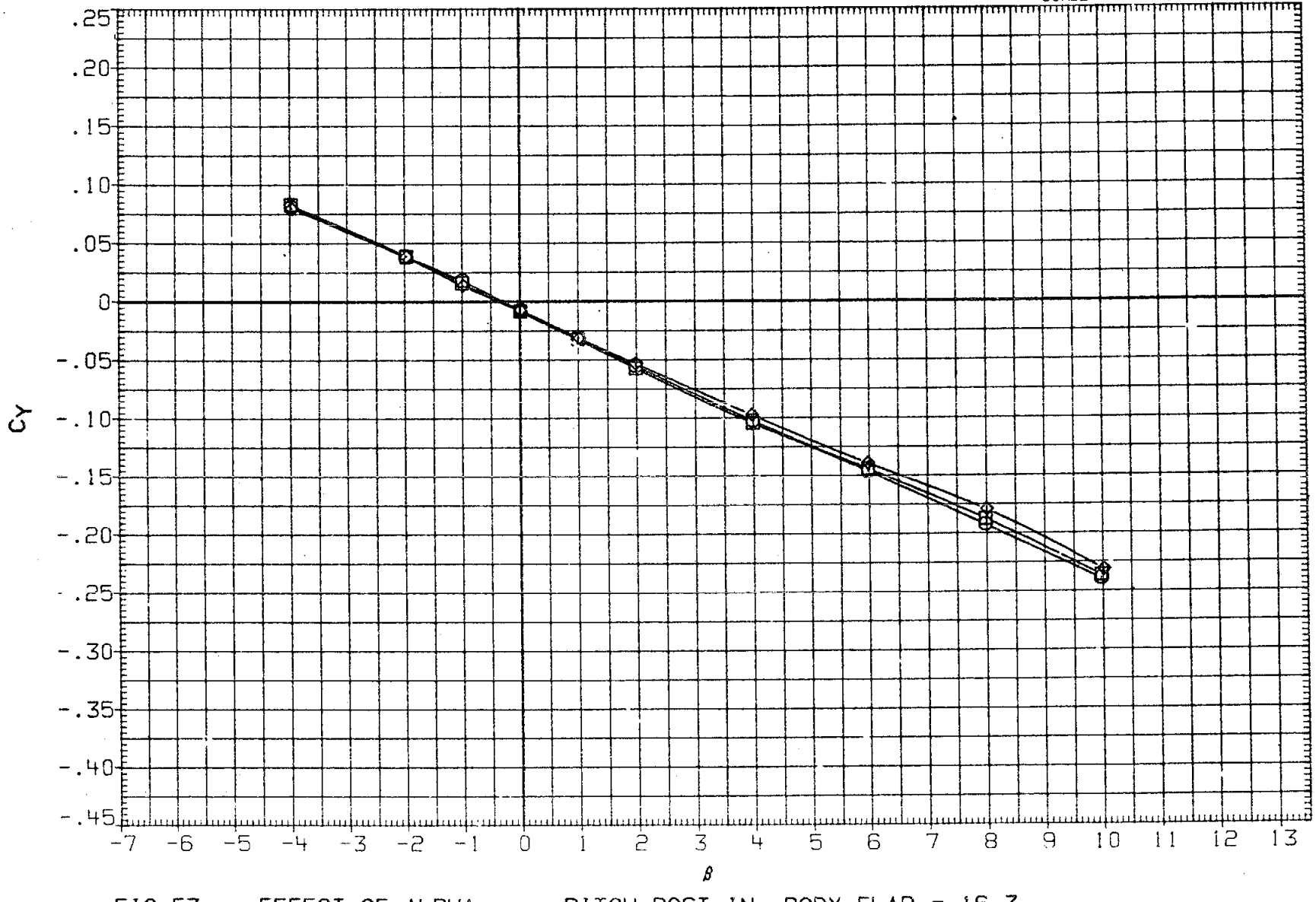

FIG 53 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 16.3

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ114	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500
RFJ115	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	15.000
RFJ116	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION		
SREF	2890.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

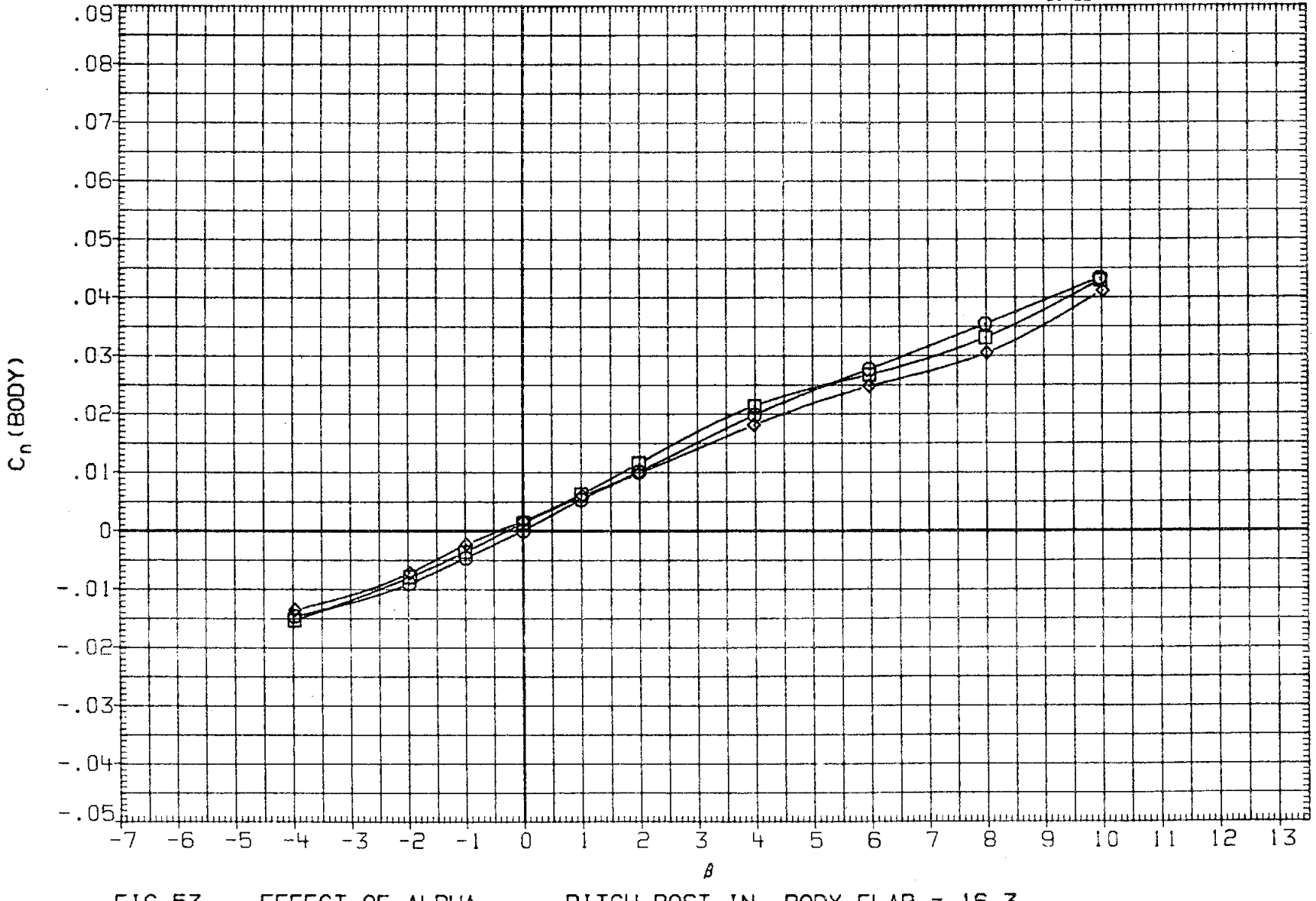

FIG 53 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 16.3

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	SIM	ALPHA
RFJ114	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	12.500
RFJ115	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	15.000
RFJ116	◇	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	16.300	4.000	17.500

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

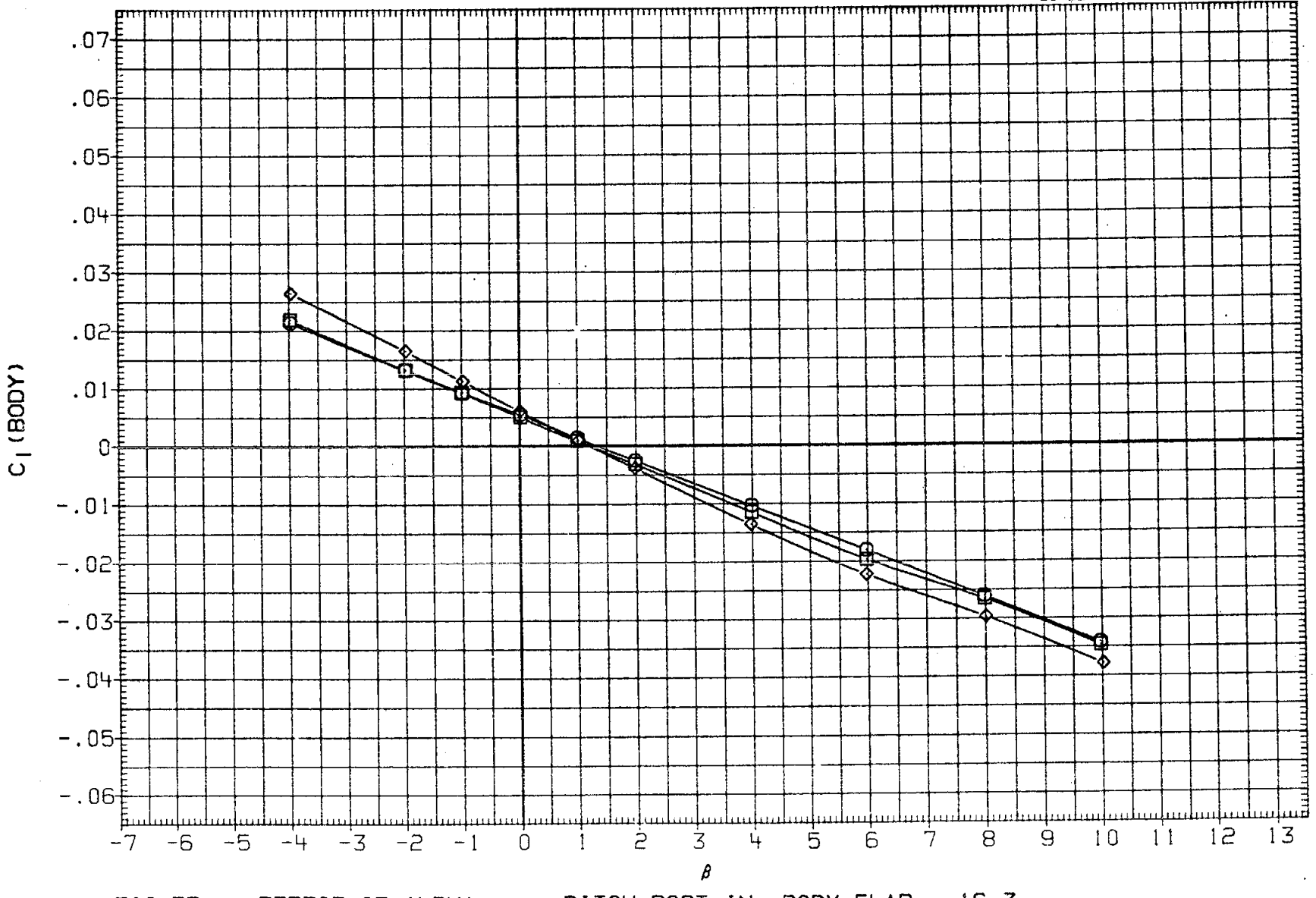

FIG 53 EFFECT OF ALPHA, PITCH POST IN, BODY FLAP = 16.3

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ003	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

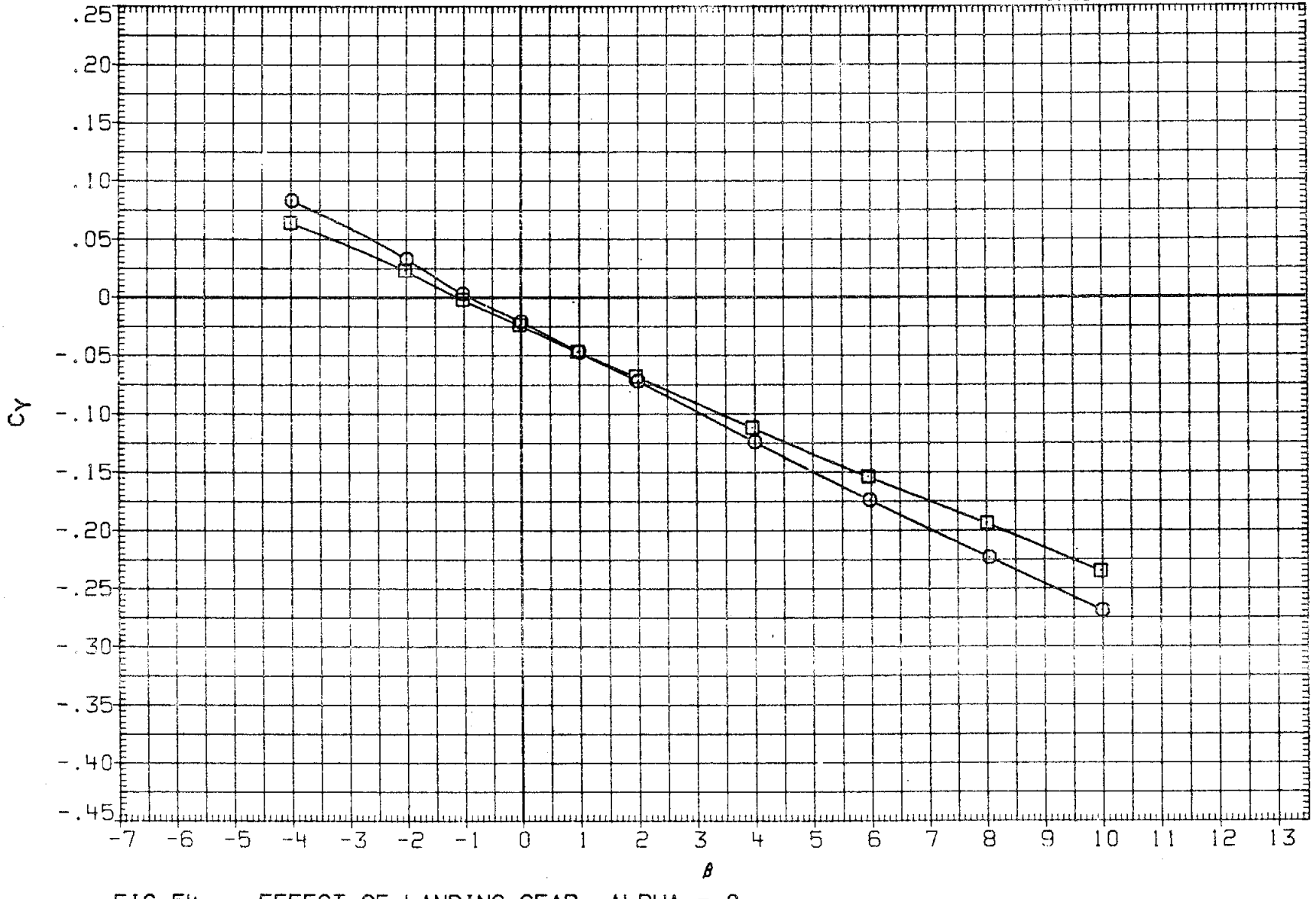

FIG 54 EFFECT OF LANDING GEAR, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ003	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

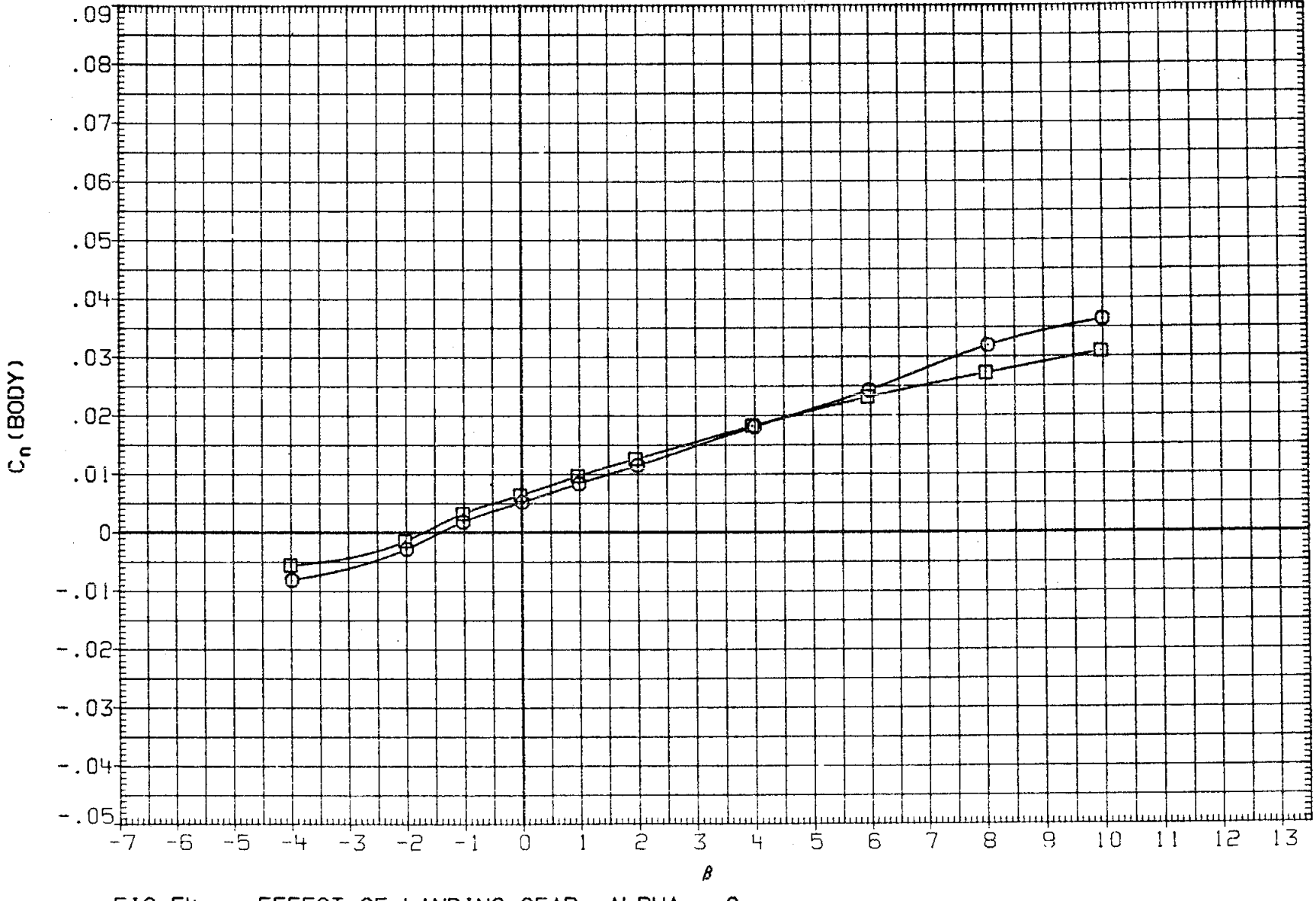

FIG 54 EFFECT OF LANDING GEAR, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	BDFLAP	ALPHA
RFJ016	○	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	.000
RFJ003	□	0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

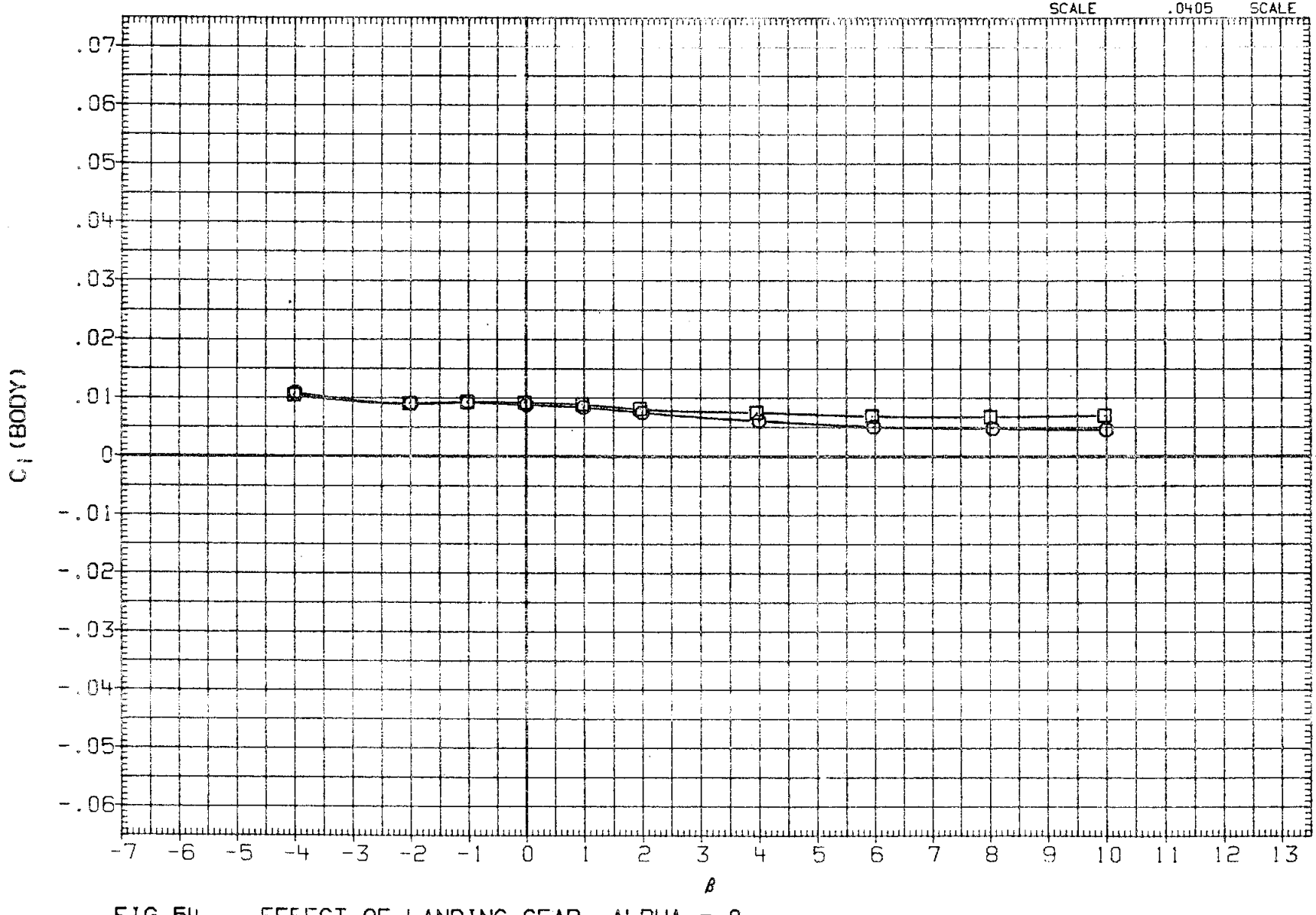

FIG 54 EFFECT OF LANDING GEAR, ALPHA = 0

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ017	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ004	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

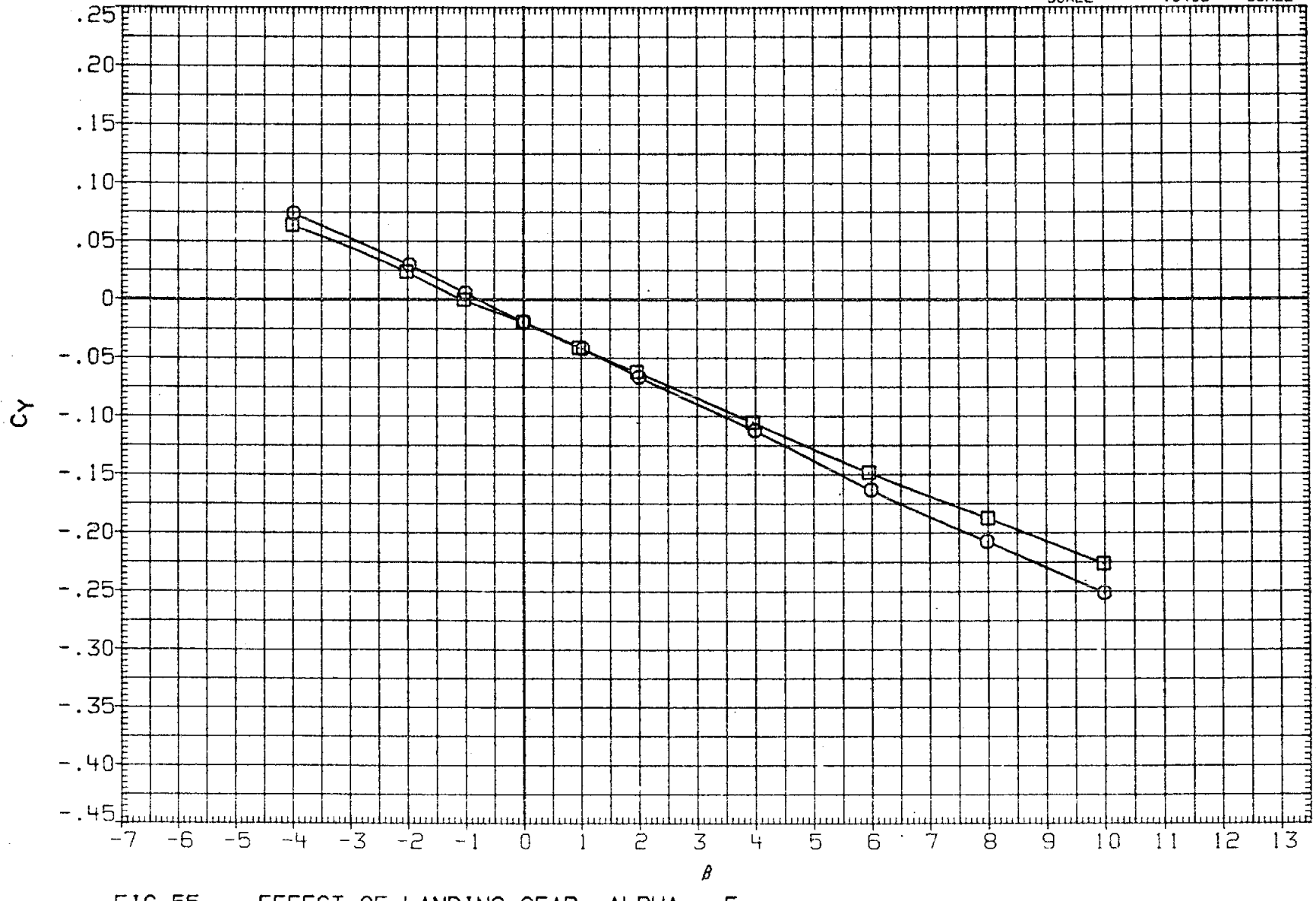

FIG 55 EFFECT OF LANDING GEAR, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ017	○	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ004	□	OA176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	47.8100	INCHES
BREF	930.5800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

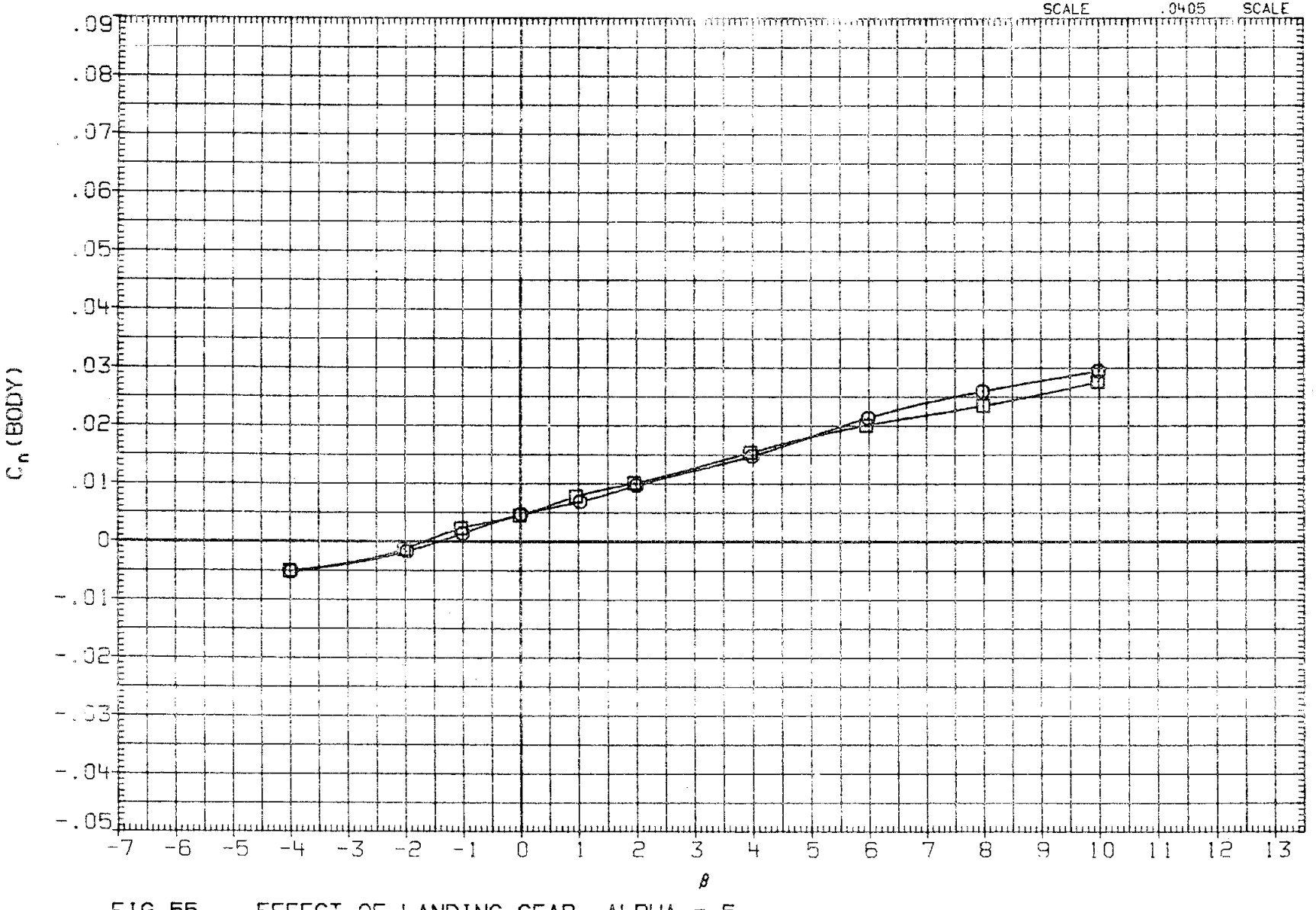

FIG 55 EFFECT OF LANDING GEAR, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ017	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	5.000
RFJ004	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

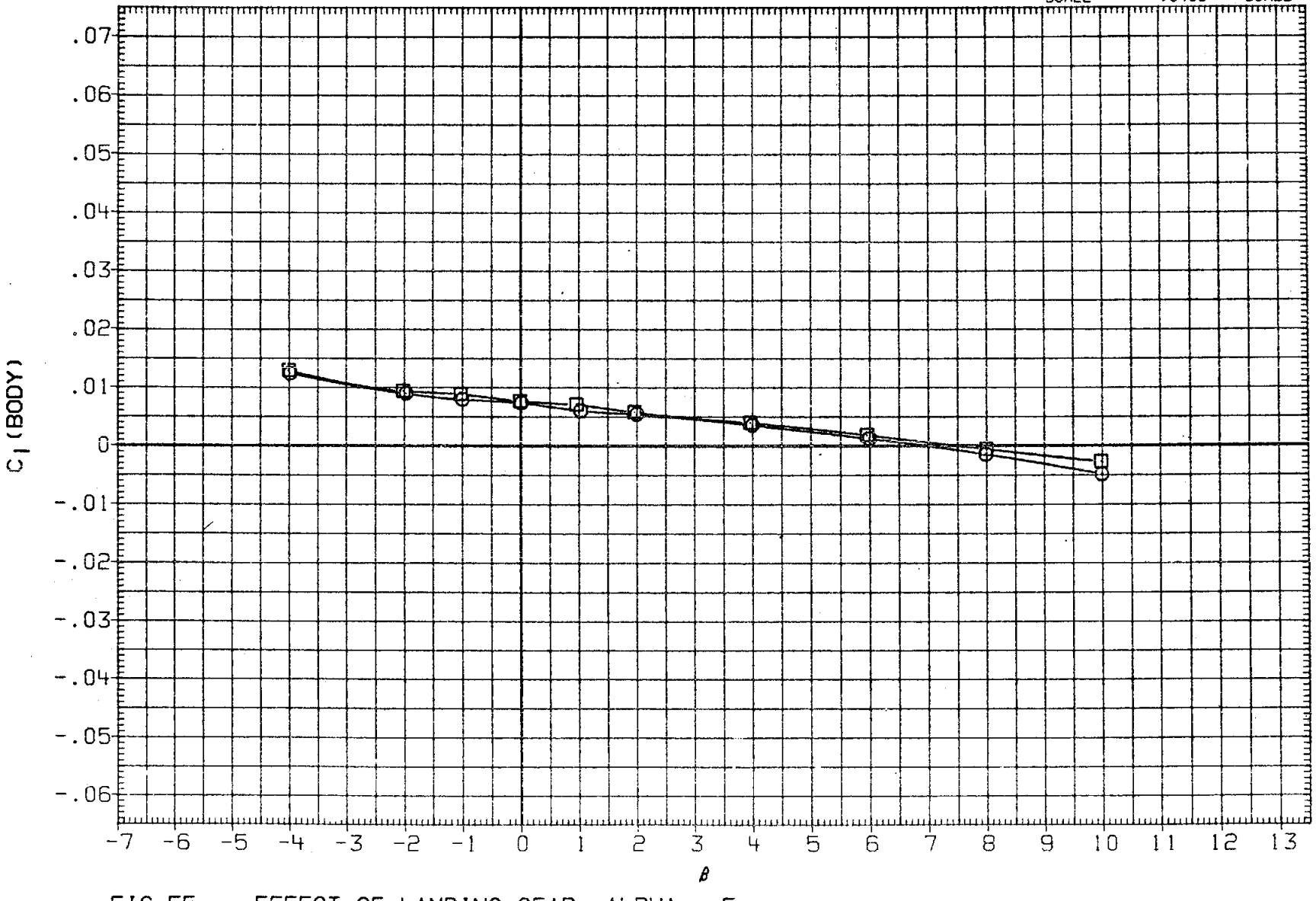

FIG 55 EFFECT OF LANDING GEAR, ALPHA = 5

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ018	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	10.000
RFJ005	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000

REFERENCE INFORMATION

SREF	2600.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

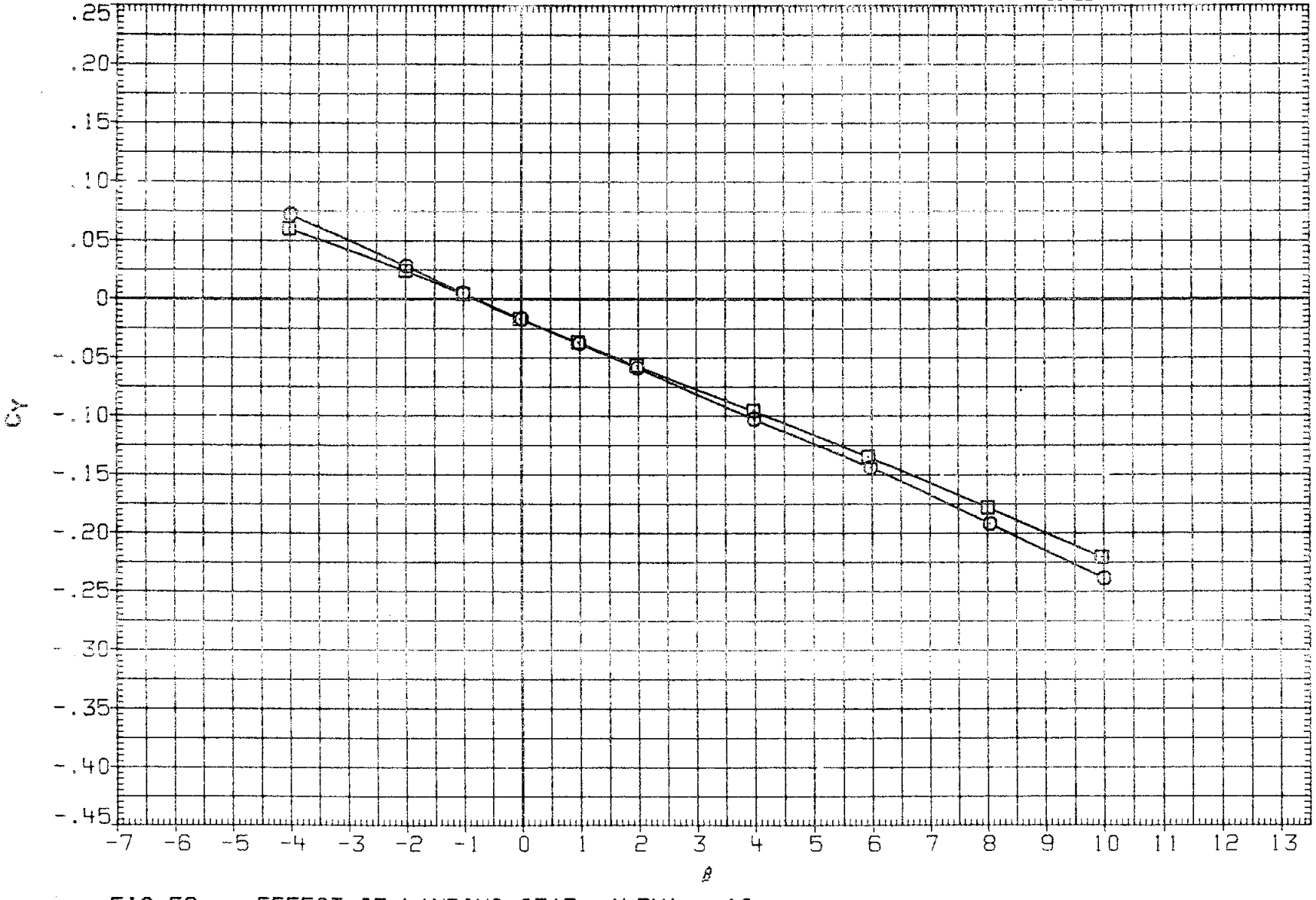

FIG 56 EFFECT OF LANDING GEAR, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ018	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	10.000
RFJ005	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	10.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

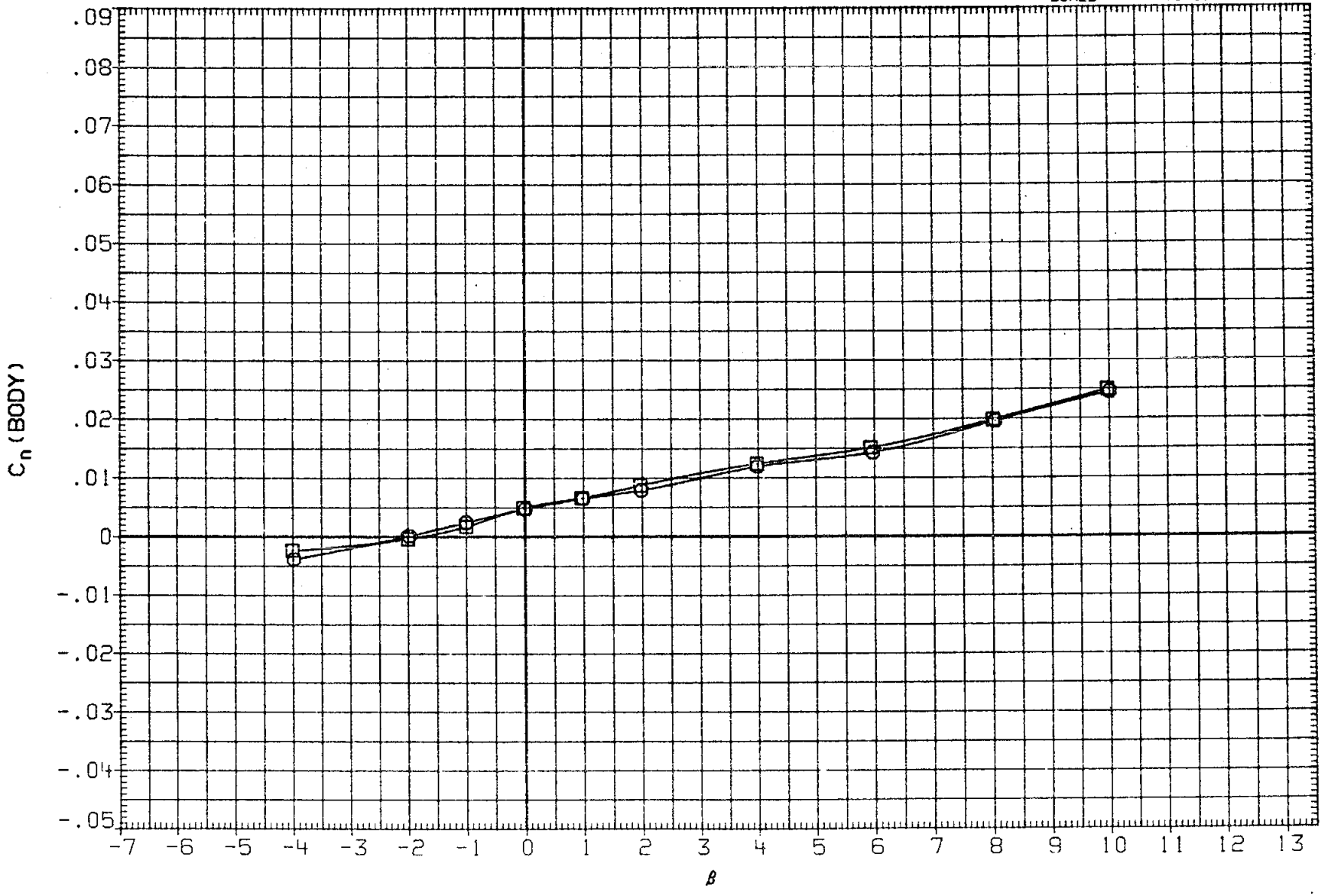

FIG 56 EFFECT OF LANDING GEAR, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ018	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	0.000
RFJ005	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	0.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	338.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

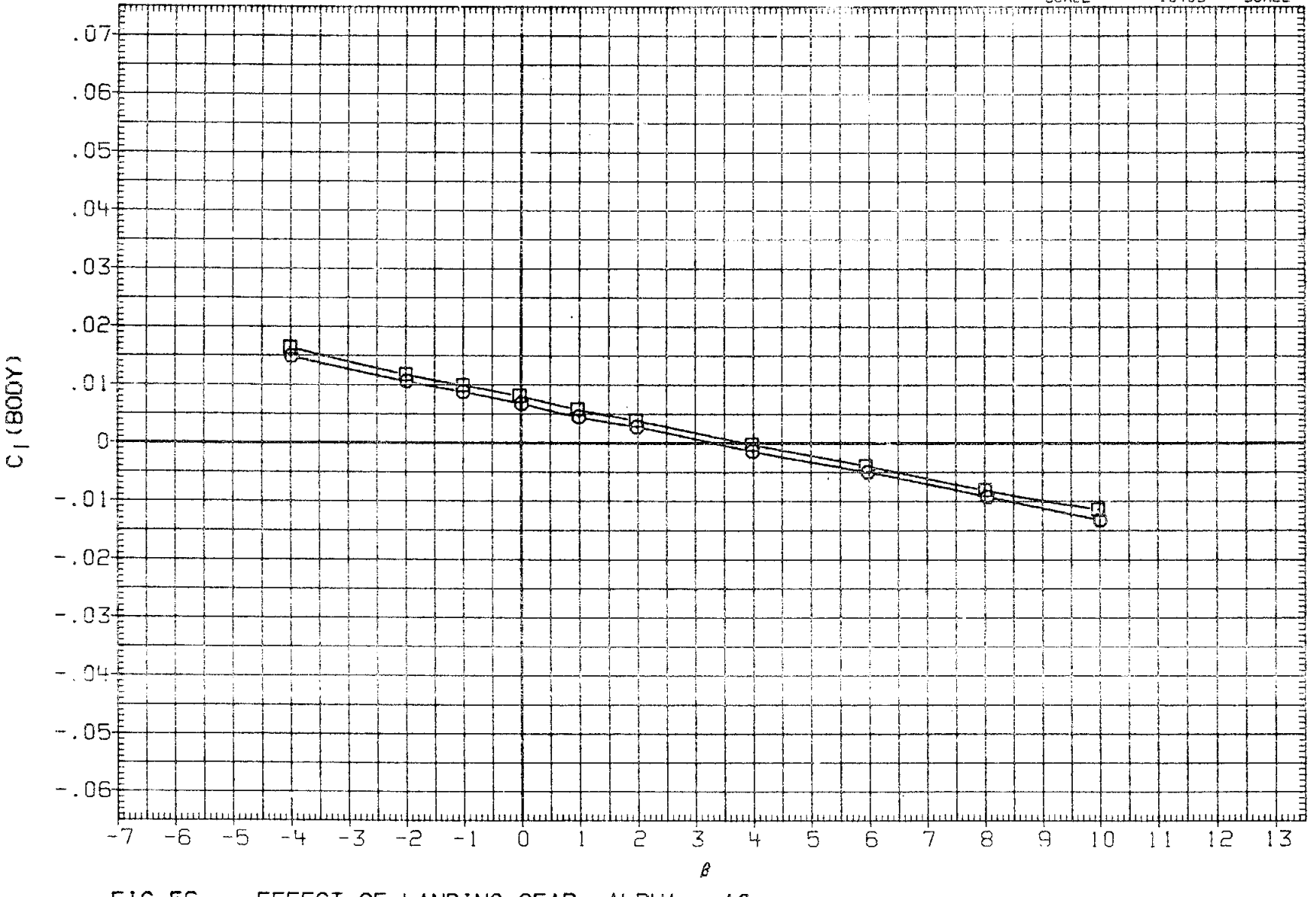

FIG 56 EFFECT OF LANDING GEAR, ALPHA = 10

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ01S	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ00S	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	15.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

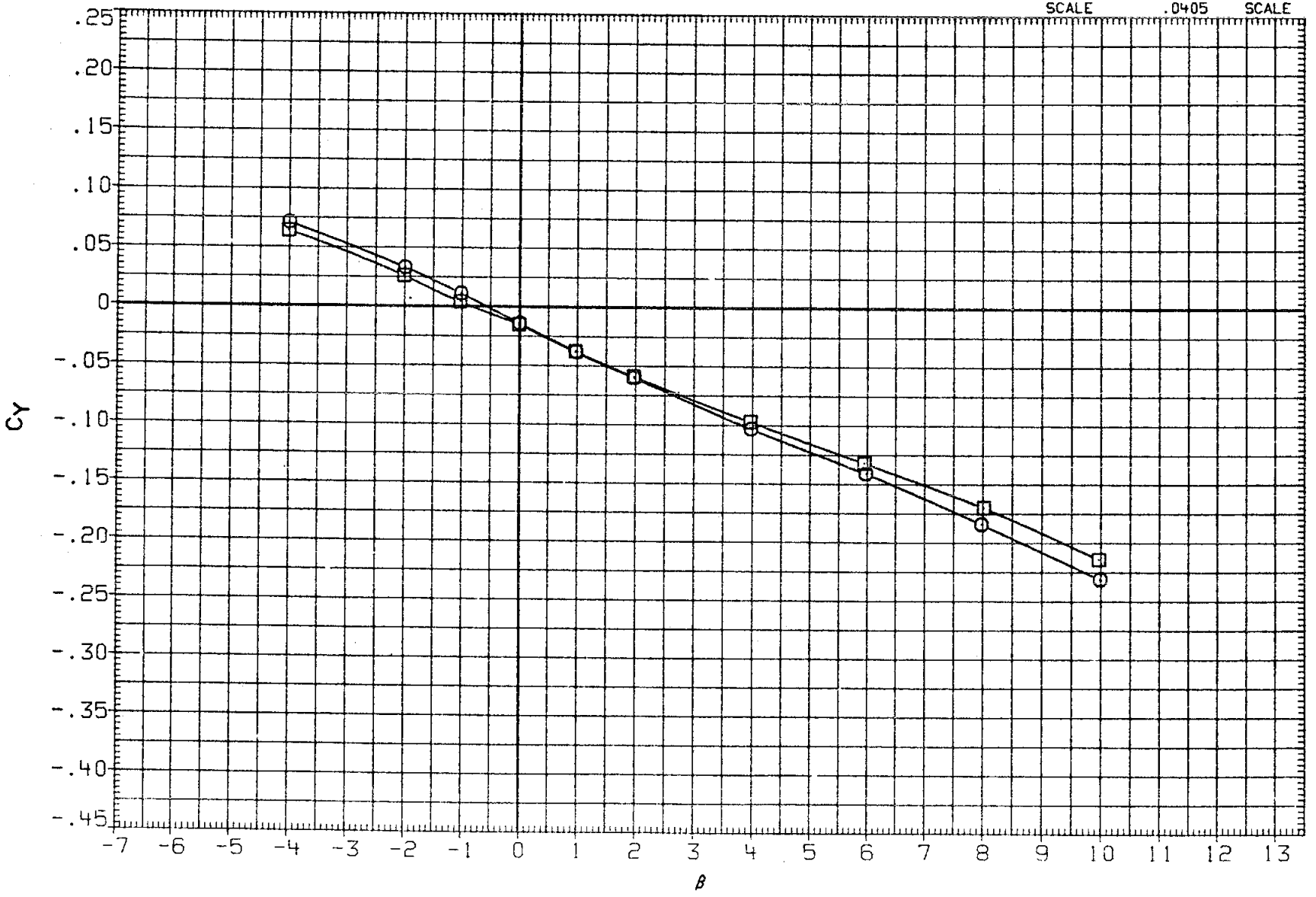

FIG 57 EFFECT OF LANDING GEAR, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION		SDFLAP	ALPHA
RFJ019	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ006	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	5.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

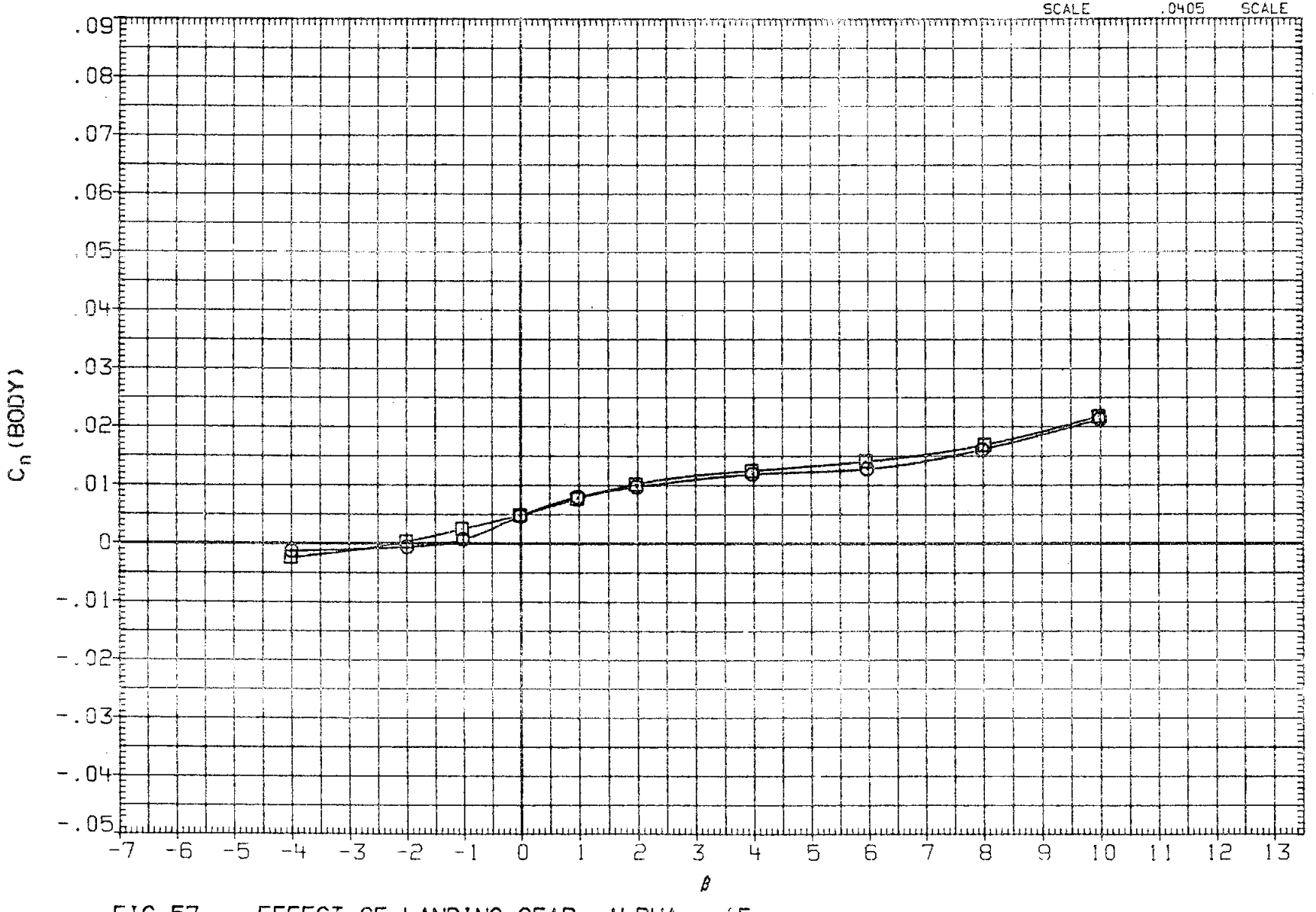

FIG 57 EFFECT OF LANDING GEAR, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ019	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	15.000
RFJ006	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	15.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

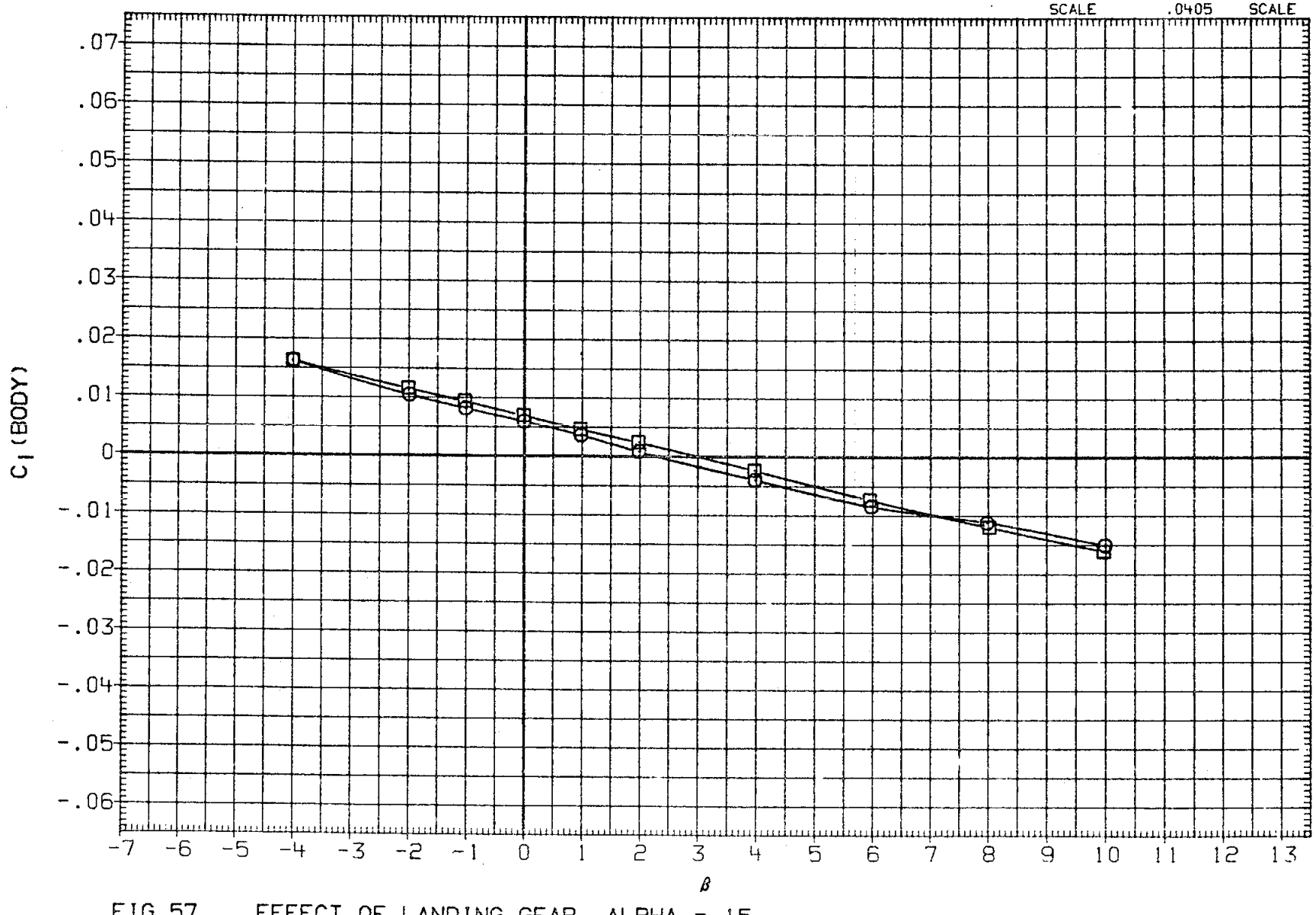

FIG 57 EFFECT OF LANDING GEAR, ALPHA = 15

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ020	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	20.000
RFJ007	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	20.000

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

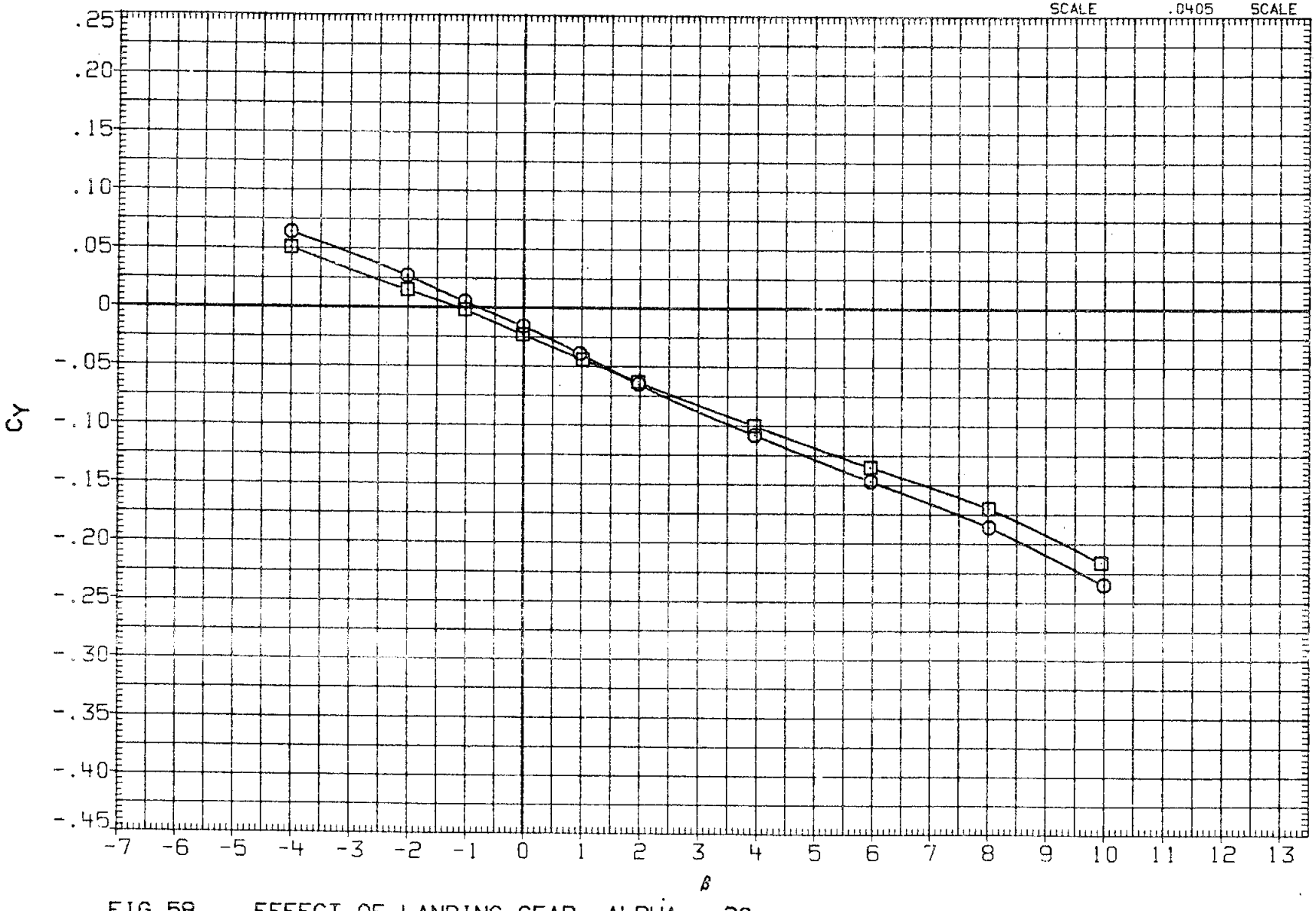

FIG 58 EFFECT OF LANDING GEAR, ALPHA = 20

(A)MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ020	○	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9G15	-11.700	20.000
RFJ007	□	0A176	B26C9PRIM16N28W116E43F8V8R5TC19X9	-11.700	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

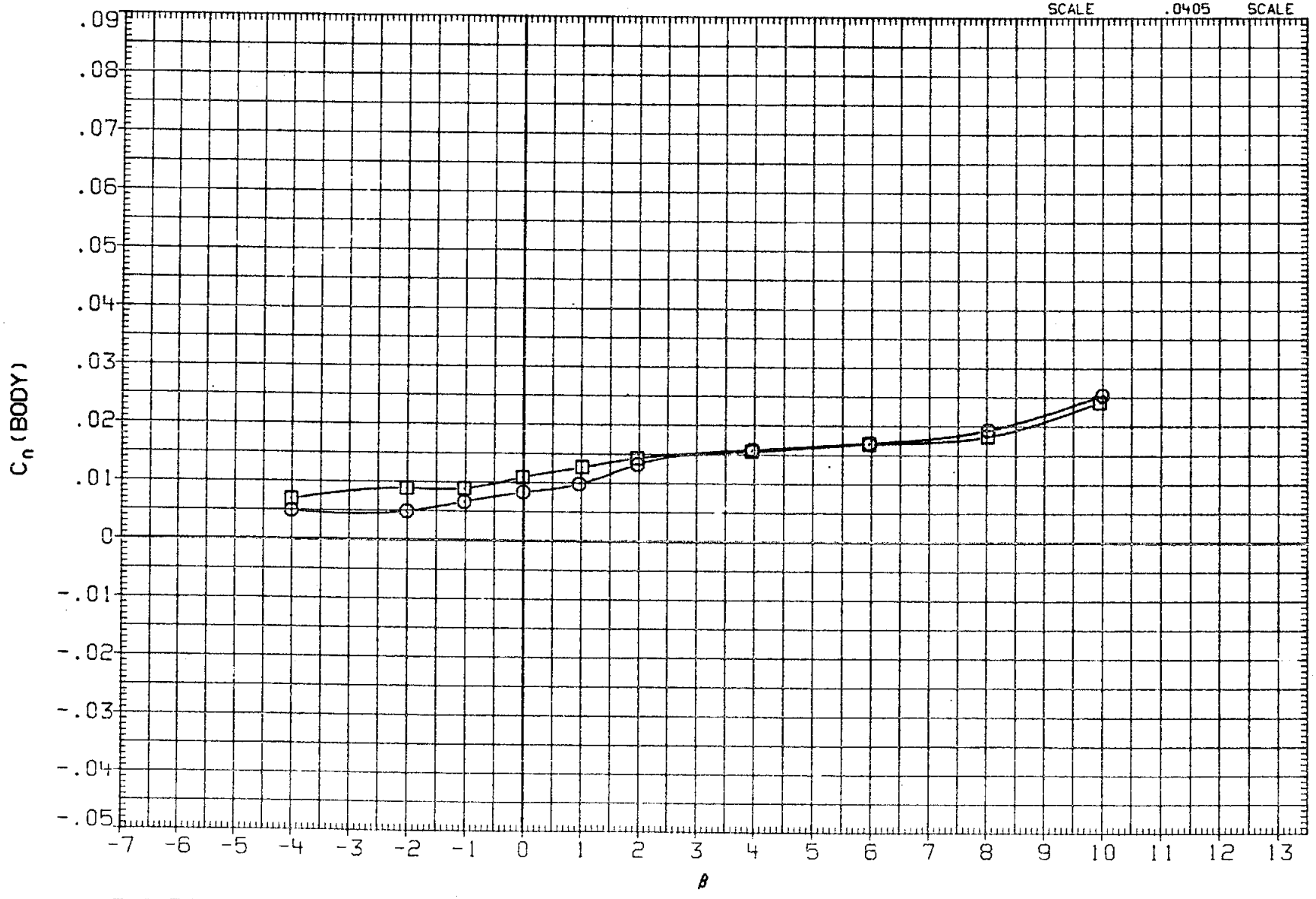

FIG 58 EFFECT OF LANDING GEAR, ALPHA = 20

(A) MACH = .20

DATA SET	SYMBOL		CONFIGURATION	BDFLAP	ALPHA
RFJ020	○	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9G15	-11.700	20.000
RFJ007	□	0A176	B26C9PR1M16N28W116E43F8V8R5TC19X9	-11.700	20.000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	IN. XO
YMRP	.0000	IN. YO
ZMRP	375.0000	IN. ZO
SCALE	.0405	SCALE

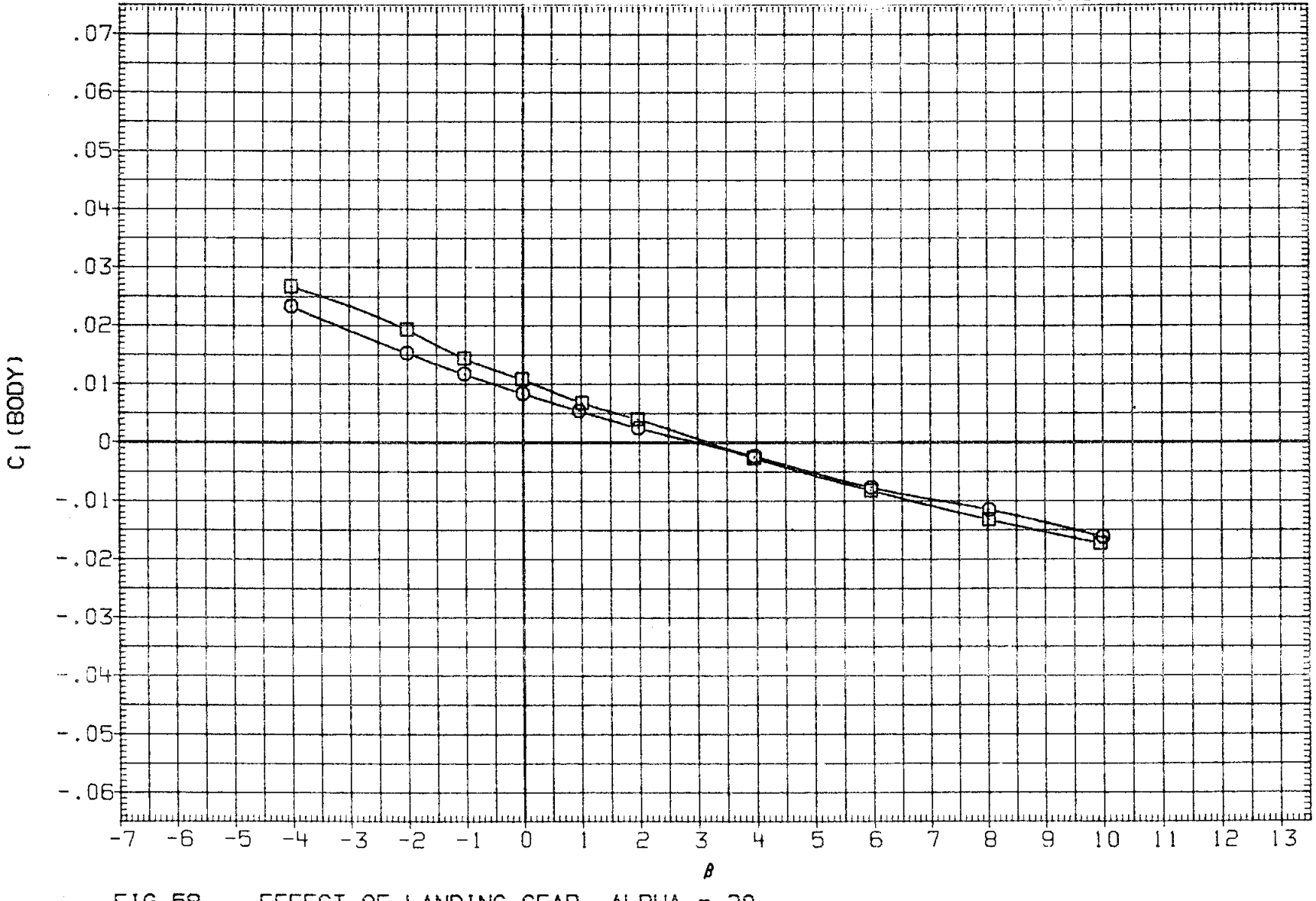

FIG 58 EFFECT OF LANDING GEAR, ALPHA = 20

(A)MACH = .20

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OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ001)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 1/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.140	-.13520	.07200	-.04410	-.14000	.06212	.00610	.00860	-.02400	.53600	-1.87778
.201	.060	.06830	.06340	-.04350	.06830	.06333	.00620	.00820	-.02300	.88600	1.07729
.201	4.270	.25710	.06750	-.03760	.26140	.04814	.00560	.00740	-.02100	.70500	3.80889
.201	8.490	.45350	.08640	-.03680	.46130	.01848	.00500	.00710	-.01800	.68100	5.24884
.201	12.710	.64890	.12800	-.03680	.66110	-.01800	.00500	.00760	-.01600	.67200	5.06953
.201	16.980	.89240	.21150	-.05130	.91530	-.05836	.00610	.00680	-.01700	.67200	4.21939
.201	21.250	1.13600	.35640	-.07330	1.18790	-.07974	.01170	.01120	-.02600	.67500	3.18743
.201	25.500	1.32220	.54980	-.09140	1.43010	-.07298	.00520	.00830	-.01200	.67500	2.40487

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ002)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6900 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 2/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.130	-.13120	.07230	-.04640	-.13610	.06265	.01350	.01120	-.07300	.52600	-1.81466
.201	.070	.06840	.06420	-.04670	.06850	.06419	.01180	.00770	-.06700	.90200	1.06542
.201	4.280	.25370	.06870	-.04230	.25820	.04963	.01000	.00630	-.06300	.71200	3.69287
.201	8.490	.45650	.08860	-.04040	.46460	.02019	.00830	.00490	-.05800	.68400	5.15237
.201	12.700	.65240	.12890	-.04050	.66480	-.01773	.00840	.00330	-.05600	.67400	5.06129
.201	16.980	.89820	.21420	-.05470	.92160	-.05750	.00990	.00270	-.05900	.67400	4.19328
.201	21.250	1.13010	.35530	-.07260	1.18200	-.07860	.01370	.00420	-.06200	.67400	3.18069
.201	25.500	1.33180	.55120	-.09670	1.43940	-.07593	.01230	.00080	-.05700	.67700	2.41618

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ003)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 3/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	.06920	.06110	-.04740	.06930	.06108	-.00560	.01050	.06400	.90300	1.13257
.201	-2.030	.06600	.06460	-.04550	.06610	.06450	-.00150	.00900	.02300	.90500	1.02167
.201	-1.030	.06520	.06460	-.04540	.06530	.06452	.00320	.00930	-.00200	.90700	1.00929
.201	-.030	.06390	.06470	-.04400	.06400	.06465	.00640	.00920	-.02400	.90500	.98764
.201	.960	.06310	.06430	-.04420	.06320	.06424	.00970	.00890	-.04700	.90900	.98134
.201	1.950	.06420	.06370	-.04570	.06430	.06361	.01260	.00810	-.06800	.91300	1.00785
.201	3.950	.06450	.06160	-.04840	.06460	.06157	.01820	.00750	-.11200	.92800	1.04708
.201	5.940	.06720	.05900	-.05070	.06730	.05891	.02310	.00690	-.15400	.92900	1.13898
.201	8.000	.06860	.05500	-.05330	.06870	.05497	.02720	.00680	-.19400	.93700	1.24727
.201	9.960	.07000	.05070	-.05600	.07010	.05063	.03090	.00700	-.23500	.94600	1.38067

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ004)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 4/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	.30460	.07010	-.04270	.30980	.04144	-.00510	.01290	.06400	.70300	4.34522
.201	-2.030	.30190	.07190	-.03920	.30730	.04346	-.00130	.00940	.02400	.69900	4.19889
.201	-1.040	.30170	.07150	-.03870	.30700	.04311	.00230	.00890	.00000	.69800	4.21958
.201	-.020	.30100	.07170	-.03920	.30640	.04344	.00450	.00770	-.01900	.69900	4.19805
.201	.950	.30050	.07080	-.03940	.30580	.04258	.00780	.00710	-.04100	.69900	4.24435
.201	1.950	.30080	.07010	-.03920	.30600	.04185	.01010	.00580	-.06200	.69900	4.28101
.201	3.950	.30450	.06870	-.04270	.30950	.04013	.01540	.00400	-.10500	.70300	4.43231
.201	5.940	.30560	.06630	-.04660	.31040	.03763	.02010	.00190	-.14800	.70700	4.60935
.201	7.990	.30770	.06350	-.05030	.31230	.03466	.02350	-.00050	-.18700	.71100	4.84567
.201	9.970	.31120	.06050	-.05500	.31540	.03129	.02760	-.00270	-.22600	.71600	5.14380

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ005)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 5/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	.55830	.10570	-.03940	.56830	.00111	-.00240	.01640	.06000	.67700	5.28193
.201	-2.010	.55670	.10690	-.03780	.56690	.00266	-.00040	.01180	.02400	.67600	5.20767
.201	-1.010	.55580	.10670	-.03700	.56590	.00260	.00170	.00990	.00400	.67600	5.20900
.201	-.030	.55420	.10600	-.03640	.56430	.00218	.00490	.00810	-.01700	.67600	5.22830
.201	.960	.55630	.10590	-.03760	.56630	.00172	.00660	.00580	-.03700	.67600	5.25307
.201	1.960	.55740	.10560	-.03990	.56740	.00122	.00870	.00390	-.05700	.67800	5.27841
.201	3.970	.55900	.10430	-.04240	.56870	-.00031	.01240	-.00020	-.09600	.67900	5.35954
.201	5.930	.56360	.10330	-.04730	.57300	-.00215	.01510	-.00390	-.13500	.68200	5.45595
.201	8.000	.56730	.09880	.47280	.57570	-.01172	.01980	-.00810	-.17800	.35000	5.74190
.201	9.960	.57140	.09640	.46740	.57930	-.01488	.02490	-.01140	-.22100	.35500	5.92739

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ006)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 6/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	.83900	.18930	.20450	.85860	-.05123	-.00240	.01630	.06400	.56400	4.43212
.201	-2.020	.83720	.18960	.20500	.85690	-.05042	.00030	.01160	.02600	.56400	4.41561
.201	-1.040	.83580	.18920	.20970	.85550	-.05048	.00250	.00940	.00400	.56200	4.41755
.201	-.020	.83410	.18890	.20670	.85370	-.05024	.00490	.00700	-.01500	.56300	4.41556
.201	.960	.83630	.18910	.20530	.85590	-.05063	00770	.00470	-.03800	.56400	4.42253
.201	1.960	.83700	.18850	.20560	.85640	-.05148	.01020	.00250	-.05900	.56300	4.44032
.201	3.960	.83680	.18750	.20570	.85590	-.05236	.01250	-.00230	-.09700	.56300	4.46293
.201	5.940	.83470	.18450	.20930	.85310	-.05461	.01410	-.00730	-.13200	.56200	4.52412
.201	8.010	.84120	.18400	.20610	.85920	-.05689	.01690	-.01190	-.17000	.56400	4.57174
.201	9.960	.84710	.18250	.20150	.86450	-.06007	.02180	-.01600	-.21400	.56600	4.64164

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ007)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 7/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	1.13800	.35310	-.08190	1.18860	-.09313	.00690	.02670	.05100	.67700	3.22288
.201	-2.020	1.13940	.35710	-.08620	1.19140	-.07986	.00890	.01930	.01500	.67800	3.19070
.201	-1.030	1.14020	.36050	-.09100	1.19330	-.07710	.00890	.01440	-.00200	.68000	3.16283
.201	-.020	1.14500	.36280	-.10130	1.19860	-.07862	.01090	.01080	-.02300	.68300	3.15601
.201	1.010	1.13710	.36050	-.09660	1.19050	-.07580	.01270	.00680	-.04400	.68200	3.15423
.201	1.960	1.13580	.36010	-.08860	1.18910	-.07560	.01430	.00400	-.06300	.67900	3.15412
.201	3.950	1.13080	.35780	-.07780	1.18360	-.07612	.01550	-.00260	-.10000	.67600	3.16042
.201	5.950	1.12690	.35440	-.06980	1.17870	-.07790	.01690	-.00820	-.13500	.67400	3.17974
.201	8.010	1.13990	.35640	-.08040	1.19150	-.08081	.01820	-.01320	-.17000	.67700	3.19837
.201	9.940	1.15010	.35900	-.09220	1.20200	-.08212	.02410	-.01730	-.21600	.68000	3.20362

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ008)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000

RUN NO. 8/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.08820	.06560	-.05410	.08830	.06557	-.00960	.01020	.07300	.87700	1.34451
.201	-1.990	.08590	.06880	-.05180	.08600	.06877	-.00280	.00870	.02700	.87400	1.24855
.201	-.990	.08310	.06910	-.05090	.08310	.06904	.00170	.00870	.00200	.87700	1.20260
.201	.000	.08320	.06920	-.05120	.08330	.06912	.00550	.00830	-.02100	.87800	1.20231
.201	1.000	.08160	.06880	-.05080	.08170	.06875	.00940	.00800	-.04500	.88100	1.18605
.201	1.990	.08230	.06770	-.05090	.08240	.06766	.01310	.00710	-.06900	.87900	1.21566
.201	3.990	.08270	.06500	-.05190	.08280	.06498	.02060	.00630	-.11600	.88200	1.27231
.201	5.980	.08250	.06110	-.05460	.08260	.06108	.02690	.00530	-.16000	.89500	1.35025
.201	8.040	.08180	.05680	-.05610	.08180	.05682	.03190	.00520	-.20300	.90400	1.44014
.201	9.970	.08140	.05300	-.05720	.08140	.05299	.03580	.00520	-.24400	.91000	1.53585

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ009)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000

RUN NO. 9/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.57570	.11410	-.04640	.58690	.00554	-.00570	.01600	.06700	.68100	5.04557
.201	-1.980	.57300	.11470	-.04410	.58440	.00670	-.00250	.01130	.02900	.68000	4.99564
.201	-.990	.56990	.11470	-.04240	.58130	.00733	.00000	.00930	.00800	.67900	4.96861
.201	.000	.56960	.11390	-.04080	.58080	.00651	.00330	.00720	-.01400	.67800	5.00088
.201	1.010	.57130	.11360	-.04310	.58250	.00591	.00630	.00490	-.03600	.67900	5.02905
.201	1.990	.57280	.11330	-.04450	.58390	.00533	.00890	.00270	-.05800	.68000	5.05560
.201	3.980	.57330	.11130	-.04680	.58400	.00341	.01360	-.00120	-.10000	.68100	5.15094
.201	5.980	.57470	.11020	-.05160	.58510	.00205	.01750	-.00520	-.14000	.68400	5.21506
.201	7.990	.58070	.10780	-.05640	.59060	-.00142	.02410	-.00940	-.18600	.68700	5.38683
.201	9.980	.58300	.10550	-.06070	.59250	-.00413	.03040	-.01320	-.23200	.69000	5.52607

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ010)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000

RUN NO. 10/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	1.14190	.35960	-.07180	1.19450	-.07993	.00550	.02580	.05500	.67400	3.17547
.201	-1.970	1.14520	.36560	-.07280	1.19980	-.07563	.00720	.01810	.01900	.67400	3.13239
.201	-.990	1.14720	.36750	-.07470	1.20240	-.07459	.00800	.01380	.00000	.67500	3.12163
.201	.000	1.14820	.36910	-.07660	1.20380	-.07348	.00910	.00940	-.01900	.67500	3.11081
.201	1.000	1.14540	.36870	-.07610	1.20110	-.07269	.01120	.00530	-.04100	.67500	3.10659
.201	1.990	1.14050	.36660	-.07590	1.19580	-.07281	.01280	.00220	-.06100	.67500	3.11102
.201	3.980	1.13630	.36410	-.07470	1.19090	-.07351	.01590	-.00370	-.09900	.67500	3.12085
.201	5.970	1.13140	.36050	-.07710	1.18510	-.07502	.01870	-.00900	-.13800	.67600	3.13842
.201	8.040	1.14350	.36380	-.09020	1.19760	-.07627	.02220	-.01310	-.17700	.68000	3.14321
.201	9.970	1.15490	.36580	-.10320	1.20900	-.07840	.02760	-.01830	-.22300	.68300	3.15719

0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ011)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300

RUN NO. 11/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.12860	.08050	-.06660	.12870	.08037	-.01060	.01060	.07500	.84200	1.59752
.201	-1.970	.12700	.08340	-.06610	.12710	.08326	-.00960	.00840	.03100	.84000	1.52278
.201	-.990	.12470	.08320	-.06350	.12480	.08310	.00070	.00840	.00400	.83900	1.49880
.201	.000	.12310	.08350	-.06370	.12320	.08341	.00510	.00790	-.02000	.84200	1.47425
.201	1.000	.12390	.08330	-.06380	.12400	.08316	.00880	.00730	-.04400	.84100	1.48739
.201	1.990	.12240	.08220	-.06360	.12250	.08212	.01270	.00670	-.06800	.84300	1.48905
.201	3.980	.12480	.07950	-.06620	.12490	.07939	.01990	.00560	-.11500	.84700	1.56981
.201	5.980	.12890	.07580	-.07130	.12900	.07570	.02760	.00460	-.16300	.85500	1.70053
.201	7.990	.13000	.07180	-.07430	.13010	.07170	.03380	.00410	-.20800	.86200	1.81058
.201	9.960	.13400	.06680	-.07870	.13410	.06668	.03900	.00340	-.25200	.86800	2.00599

0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ012)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300

RUN NO. 12/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.61060	.13600	-.06040	.62520	.02094	-.00690	.01610	.07100	.68700	4.48971
.201	-2.000	.61040	.13730	-.06010	.62520	.02227	-.00330	.01110	.03100	.68700	4.44674
.201	-1.020	.60580	.13640	-.05610	.62060	.02219	.00020	.00810	.00900	.68500	4.44135
.201	.000	.60700	.13630	-.05620	.62170	.02188	.00380	.00570	-.01300	.68500	4.45341
.201	.980	.60530	.13540	-.05710	.61990	.02135	.00710	.00340	-.03600	.68600	4.47046
.201	1.980	.60540	.13490	-.05820	.61990	.02098	.00960	.00140	-.05800	.68600	4.48777
.201	3.980	.60800	.13370	-.05990	.62220	.01918	.01540	-.00270	-.10200	.68700	4.54749
.201	5.980	.60940	.13230	-.06610	.62330	.01760	.02010	-.00630	-.14600	.69100	4.60620
.201	8.050	.61340	.12990	-.07120	.62680	.01451	.02670	-.01020	-.19300	.69400	4.72209
.201	9.980	.62180	.12770	-.07820	.63470	.01078	.03400	-.01430	-.24100	.69700	4.86922

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ013)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300

RUN NO. 13/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	1.18260	.39310	-.09870	1.24460	-.06293	.00300	.02620	.06100	.68100	3.00839
.201	-2.000	1.18470	.39850	-.09970	1.24860	-.05876	.00660	.01810	.02000	.68100	2.97290
.201	-1.020	1.18360	.40320	-.10220	1.24920	-.05395	.00540	.01290	.00300	.68200	2.93552
.201	.000	1.18360	.39860	-.10170	1.24760	-.05810	.01170	.00960	-.02400	.68200	2.96939
.201	.980	1.18410	.39950	-.10030	1.24840	-.05755	.01430	.00570	-.04700	.68100	2.96395
.201	1.980	1.18050	.39860	-.10030	1.24470	-.05709	.01610	.00210	-.06800	.68100	2.96162
.201	3.980	1.17700	.39580	-.10160	1.24040	-.05820	.01990	-.00410	-.11000	.68200	2.97372
.201	5.970	1.17480	.39230	-.10350	1.23720	-.06048	.02400	-.00980	-.15100	.68300	2.99465
.201	8.040	1.18080	.39440	-.11400	1.24340	-.06067	.02810	-.01440	-.19100	.68600	2.99391
.201	9.990	1.19220	.39780	-.12780	1.25530	-.06173	.03500	-.01860	-.24000	.68900	2.99698

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ014)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 14/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.130	-.11410	.10030	-.05010	-.12100	.09189	.00510	.00870	-.02100	.49900	-1.13759
.201	.050	.07340	.09150	-.04820	.07340	.09150	.00490	.00780	-.02000	.89400	.80219
.201	4.260	.25890	.09380	-.04320	.26520	.07436	.00430	.00700	-.01800	.71200	2.76013
.201	8.470	.44450	.10950	-.04210	.45580	.04282	.00500	.00700	-.01800	.68600	4.05936
.201	12.700	.64280	.15110	-.04150	.66030	.00607	.00570	.00710	-.01700	.67500	4.25414
.201	16.950	.89170	.23800	-.05760	.92240	-.03225	.00570	.00680	-.01600	.67500	3.74664
.201	21.210	1.12970	.38030	-.07560	1.19070	-.05412	.01010	.00880	-.02100	.67500	2.97055
.201	25.440	1.29360	.55850	-.08640	1.40810	-.05129	.00560	.00700	-.01000	.67400	2.31620

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ015)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 15/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.130	-.11810	.10150	-.05280	-.12510	.09272	.01340	.00980	-.07900	.49600	-1.16355
.201	.050	.07640	.09160	-.05010	.07650	.09153	.01190	.00730	-.07400	.89300	.63406
.201	4.250	.26200	.09430	-.04630	.26830	.07462	.01040	.00610	-.06800	.71500	2.77837
.201	8.470	.44910	.11100	-.04590	.46060	.04359	.00810	.00420	-.06200	.68800	4.04595
.201	12.660	.64410	.15010	-.04510	.66140	.02522	.00820	.00230	-.05900	.67700	4.29114
.201	16.950	.88440	.23640	-.05610	.91490	-.03169	.00930	.00070	-.06000	.67400	3.74112
.201	21.210	1.12560	.37960	-.07280	1.18670	-.05345	.01400	.00250	-.06700	.67400	2.96523
.201	25.430	1.30220	.56060	-.09070	1.41680	-.05313	.01190	-.00450	-.05600	.67500	2.32287

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ016)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 16/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.08420	.08870	-.05300	.08430	.08864	-.00810	.01090	.08300	.88300	.94927
.201	-2.000	.07820	.09220	-.05240	.07830	.09213	-.00280	.00900	.03300	.89800	.84816
.201	-1.020	.07620	.09240	-.05120	.07630	.09237	.00180	.00920	.00300	.89900	.82468
.201	.000	.07530	.09270	-.04800	.07540	.09267	.00520	.00880	-.02100	.88600	.81230
.201	.980	.07520	.09210	-.04800	.07530	.09210	.00840	.00840	-.04700	.88700	.81650
.201	1.990	.07420	.09100	-.05110	.07430	.09100	.01150	.00750	-.07200	.90500	.81538
.201	3.990	.07850	.08820	-.05290	.07860	.08818	.01810	.00610	-.12400	.89900	.89002
.201	5.970	.08340	.08410	-.06030	.08350	.08405	.02430	.00510	-.17400	.91800	.99168
.201	8.040	.08790	.07900	-.06090	.08800	.07895	.03190	.00480	-.22300	.90700	1.11266
.201	9.990	.08970	.07310	-.06330	.08980	.07306	.03640	.00460	-.26900	.91100	1.22709

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ017)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 17/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.31460	.09450	-.04850	.32200	.06498	-.00520	.01240	.07400	.70700	3.32910
.201	-1.980	.31070	.09740	-.04600	.31840	.06822	-.00170	.00900	.03000	.70500	3.18994
.201	-1.010	.30930	.09780	-.04420	.31710	.06872	.00140	.00800	.00600	.70300	3.16258
.201	.000	.30820	.09800	-.04360	.31590	.06903	.00470	.00740	-.01900	.70300	3.14490
.201	1.020	.30900	.09730	-.04370	.31670	.06822	.00690	.00610	-.04200	.70300	3.17575
.201	1.990	.31180	.09680	-.04630	.31940	.06750	.00970	.00550	-.06600	.70500	3.22107
.201	3.980	.31540	.09440	-.04970	.32280	.06474	.01480	.00360	-.11200	.70800	3.34110
.201	5.980	.31880	.09140	-.05320	.32590	.06147	.02140	.00130	-.16300	.71200	3.48796
.201	7.980	.32140	.08670	-.05740	.32800	.05655	.02600	-.00140	-.20700	.71600	3.70704
.201	9.980	.31870	.08430	-.05900	.32510	.05447	.02950	-.00480	-.25100	.71900	3.78055

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ018)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 18/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.55240	.12950	-.04430	.56680	.02595	-.00390	.01490	.07200	.68100	4.26564
.201	-1.990	.55060	.12900	-.04170	.56490	.02573	.00010	.01060	.02800	.67900	4.26822
.201	-1.010	.54990	.12930	-.04060	.56430	.02619	.00240	.00880	.00500	.67800	4.25290
.201	.000	.55110	.12960	-.04050	.56550	.02622	.00470	.00680	-.01700	.67800	4.25231
.201	.980	.55220	.12890	-.04150	.56650	.02531	.00650	.00450	-.03800	.67900	4.28394
.201	1.980	.55420	.12800	-.04400	.56820	.02410	.00790	.00280	-.05900	.68000	4.32969
.201	3.980	.55530	.12800	-.04710	.56930	.02388	.01190	-.00140	-.10300	.68200	4.33828
.201	5.970	.55910	.12600	-.05180	.57270	.02117	.01430	-.00500	-.14400	.68500	4.43730
.201	8.040	.56250	.12530	-.05690	.57590	.01997	.01960	-.00920	-.19200	.68800	4.48923
.201	10.000	.56870	.12270	-.06130	.58150	.01621	.02450	-.01320	-.23900	.69100	4.63488

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ019)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 19/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.010	.83530	.21630	-.05410	.86260	-.02051	-.00130	.01830	.07100	.67500	3.86177
.201	-2.000	.83340	.21770	-.05410	.86120	-.01864	-.00060	.01050	.03300	.67500	3.82820
.201	-1.020	.83270	.21610	-.05220	.86010	-.01998	.00070	.00820	.01100	.67400	3.85331
.201	-.010	.83380	.21470	-.05270	.86070	-.02172	.00470	.00600	-.01400	.67400	3.88356
.201	.970	.83120	.21360	-.05270	.85790	-.02204	.00800	.00370	-.03800	.67400	3.89139
.201	1.970	.83600	.21570	-.05340	.86310	-.02134	.00970	.00090	-.06000	.67500	3.87575
.201	3.970	.83360	.21320	-.05300	.86010	-.02302	.01190	-.00390	-.10300	.67400	3.90994
.201	5.970	.83490	.21330	-.05630	.86140	-.02332	.01280	-.00840	-.14100	.67600	3.91421
.201	7.970	.84550	.21430	-.06890	.87180	-.02529	.01610	-.01110	-.18400	.68100	3.94540
.201	9.980	.85580	.21360	-.08000	.88160	-.02880	.02130	-.01500	-.23100	.68500	4.00655

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 (RFJ020)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700

RUN NO. 20/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.020	1.11610	.37180	-.06520	1.17500	-.05752	.00490	.02330	.06400	.67200	3.00188
.201	-2.020	1.12420	.37710	-.06930	1.18450	-.05560	.00490	.01530	.02700	.67300	2.98117
.201	-1.030	1.12760	.37890	-.07270	1.18830	-.05523	.00660	.01170	.00500	.67400	2.97598
.201	-.010	1.12670	.37950	-.07600	1.18760	-.05424	.00830	.00840	-.01600	.67500	2.96891
.201	.960	1.12520	.38060	-.07510	1.18660	-.05268	.00980	.00540	-.03900	.67500	2.95636
.201	1.970	1.12460	.37900	-.07250	1.18550	-.05399	.01320	.00250	-.06500	.67400	2.96728
.201	3.960	1.11860	.37700	-.06990	1.17920	-.05378	.01580	-.00240	-.10800	.67400	2.96711
.201	5.960	1.12110	.37570	-.07470	1.18110	-.05573	.01700	-.00770	-.14700	.67500	2.98403
.201	8.020	1.12700	.37610	-.08780	1.18670	-.05737	.01930	-.01150	-.18600	.67900	2.99654
.201	9.990	1.14130	.37820	-.09990	1.20080	-.06064	.02530	-.01620	-.23500	.68200	3.01772

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9015 (RFJ021)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 21/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.120	-.09650	.09820	-.05270	-.10330	.09105	.00560	.00950	-.02000	.46400	-.98269
.201	.080	.08990	.08970	-.04790	.09000	.08963	.00550	.00880	-.01900	.84800	1.00223
.201	4.290	.28030	.09350	-.04510	.28660	.07230	.00480	.00820	-.01500	.71000	2.99786
.201	8.500	.47830	.11320	-.04470	.48970	.04127	.00380	.00790	-.01200	.68500	4.22527
.201	12.710	.67830	.15890	-.04470	.69660	.00571	.00360	.00760	-.01000	.67500	4.26872
.201	16.980	.92140	.24610	-.05910	.95310	-.03381	.00440	.00760	-.01100	.67500	3.74401
.201	21.240	1.15210	.40240	-.08590	1.21960	-.04245	.00940	.00830	-.01800	.67800	2.86307
.201	25.460	1.31520	.57630	-.09220	1.43520	-.04506	.00470	.00860	-.00800	.67500	2.28214

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9015 (RFJ022)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 22/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.960	.10100	.08490	-.05320	.10120	.08477	-.00820	.01130	.08800	.84500	1.18963
.201	-1.970	.09600	.08900	-.04930	.09610	.08889	-.00260	.00920	.03600	.84100	1.07865
.201	-.970	.09350	.08870	-.04810	.09360	.08858	.00240	.00950	.00600	.84100	1.05411
.201	.000	.09340	.08970	-.04840	.09360	.08958	.00500	.00870	-.01700	.84200	1.04125
.201	.990	.09250	.08920	-.04890	.09260	.08915	.00810	.00810	-.04300	.84600	1.03700
.201	1.990	.09290	.08840	-.05130	.09300	.08828	.01220	.00780	-.07000	.85500	1.05090
.201	3.990	.09900	.08590	-.05190	.09910	.08578	.01820	.00620	-.12300	.84500	1.15250
.201	5.990	.10450	.08110	-.05810	.10460	.08103	.02560	.00500	-.17600	.85600	1.28853
.201	7.990	.10880	.07630	-.06180	.10900	.07616	.03210	.00400	-.22300	.86100	1.42595
.201	9.990	.11050	.07080	-.06330	.11060	.07069	.03590	.00330	-.26900	.86300	1.56073

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ025)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 25/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.08100	.05340	-.04160	.08110	.05331	.01110	-.00100	.02500	.84100	1.51685
.201	-1.990	.07960	.05430	-.04140	.07970	.05430	.00680	.00190	.00700	.84300	1.46593
.201	-1.000	.07750	.05460	-.04010	.07750	.05452	.00510	.00400	-.00300	.84200	1.41941
.201	-.010	.07750	.05490	-.04060	.07760	.05482	.00360	.00580	-.01300	.84500	1.41166
.201	.980	.07560	.05390	-.03960	.07570	.05389	.00300	.00850	-.02600	.84500	1.40260
.201	1.980	.07570	.05360	-.04040	.07580	.05355	.00160	.01040	-.03700	.84800	1.41231
.201	3.980	.07740	.05260	-.04240	.07740	.05257	-.00200	.01420	-.05700	.85300	1.47148
.201	5.970	.08100	.05100	-.04450	.08100	.05101	-.00540	.01820	-.07800	.85400	1.58824
.201	7.970	.08030	.04970	-.04560	.08030	.04965	-.00950	.02250	-.09700	.86100	1.61569
.201	9.970	.08300	.04840	-.04970	.08300	.04834	-.01390	.02640	-.11700	.87200	1.71488

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ026)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 26/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.32340	.06220	-.03480	.32780	.03191	.01310	.00240	.02200	.69100	5.19936
.201	-1.990	.31780	.06220	-.03300	.32220	.03253	.00700	.00300	.00700	.69000	5.10932
.201	-.970	.31600	.06240	-.03160	.32040	.03289	.00490	.00390	-.00200	.68800	5.06410
.201	-.010	.31640	.06220	-.03260	.32080	.03260	.00310	.00470	-.01000	.68900	5.08682
.201	.980	.31370	.06200	-.03060	.31810	.03270	.00120	.00590	-.02000	.68700	5.05968
.201	1.970	.31650	.06090	-.03270	.32080	.03135	.00010	.00770	-.03200	.68900	5.19704
.201	3.970	.31740	.06130	-.03660	.32170	.03166	-.00380	.00990	-.05200	.69400	5.17781
.201	5.970	.31940	.06070	-.03940	.32370	.03089	-.00770	.01210	-.07300	.69700	5.26194
.201	7.980	.32400	.06040	-.04450	.32820	.03017	-.01260	.01400	-.09100	.70200	5.36424
.201	9.980	.32580	.06040	-.04820	.33000	.02999	-.01700	.01500	-.10800	.70600	5.39404

OA176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ027)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 27/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	.060	.07720	.05400	-.03750	.07730	.05399	.00570	.00690	-.01800	.83100	1.42963
.201	5.320	.31770	.06170	-.03120	.32210	.03195	.00460	.00580	-.01400	.68800	5.14911
.201	10.600	.57130	.09650	-.03090	.57930	-.01015	.00490	.00580	-.01200	.67100	5.92021
.201	15.890	.86330	.18570	-.04450	.88110	-.05703	.00600	.00460	-.01200	.67000	4.64890
.201	21.220	1.15280	.36160	-.07150	1.20550	-.08011	.00900	.00840	-.01500	.67400	3.18805

OA176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ028)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 28/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-2.600	.06450	.06280	-.04370	.06450	.06281	.00400	-.00060	.02400	.90100	1.02707
.201	-1.970	.06580	.06310	-.04530	.06590	.06313	.00370	.00110	.01400	.90500	1.04279
.201	-1.000	.06530	.06270	-.04360	.06540	.06272	.00300	.00370	.00100	.89700	1.04147
.201	.000	.06480	.06140	-.04240	.06490	.06139	.00300	.00620	-.01300	.89200	1.05537
.201	1.000	.06520	.05960	-.04330	.06520	.05961	.00440	.00950	-.03200	.89600	1.09396
.201	1.980	.06640	.05920	-.04510	.06640	.05915	.00430	.01220	-.04700	.90200	1.12162
.201	3.990	.06690	.05620	-.04610	.06690	.05619	.00310	.01790	-.07500	.90600	1.19039
.201	5.980	.06730	.05100	-.04720	.06730	.05095	.00880	.01990	-.12900	.91000	1.31961
.201	8.000	.06660	.04340	-.04810	.06660	.04342	.01760	.02140	-.18500	.91800	1.53456
.201	9.980	.06430	.03540	-.04840	.06440	.03542	.02060	.02250	-.24400	.92900	1.81638

OA176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ029)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 29/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.30510	.07070	-.03810	.31030	.04175	.00440	.00120	.04900	.69700	4.31542
.201	-1.970	.29730	.07880	-.03900	.30330	.05063	.00330	.00190	.01600	.69900	3.77284
.201	-.990	.29830	.07470	-.03390	.30400	.04641	.00300	.00370	.00100	.69300	3.99331
.201	.010	.29870	.07300	-.03290	.30430	.04477	.00250	.00520	-.01100	.69200	4.09178
.201	1.010	.29990	.07180	-.03430	.30530	.04341	.00340	.00760	-.02800	.69300	4.17688
.201	1.990	.29400	.07700	-.03680	.30000	.04918	.00350	.00920	-.04300	.69700	3.81818
.201	3.990	.30100	.07130	-.04100	.30640	.04282	.00210	.01340	-.07200	.70100	4.22160
.201	5.990	.30520	.06380	-.04370	.30990	.03500	.00480	.01500	-.11800	.70400	4.78370
.201	8.010	.30890	.05660	-.04670	.31280	.02748	.00990	.01390	-.17400	.70700	5.45760
.201	9.990	.30840	.04870	-.04850	.31160	.01964	.01730	.01300	-.23400	.70900	6.33265

OA176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ030)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 30/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-2.440	.06570	.06100	-.04540	.06580	.06095	.00560	.00030	.01800	.90600	1.07705
.201	-1.950	.05990	.06330	-.04500	.06000	.05334	.00430	.00100	.01400	.92800	.94629
.201	-1.000	.06110	.06190	-.04430	.06110	.06192	.00380	.00340	.00000	.91800	.98708
.201	.000	.06180	.05980	-.04410	.06190	.05976	.00350	.00650	-.01400	.91400	1.03344
.201	.010	.06310	.05800	-.04520	.06310	.05798	.00450	.00950	-.03100	.91500	1.08793
.201	1.990	.06350	.05700	-.04590	.06350	.05695	.00420	.01230	-.04600	.91800	1.11404
.201	3.990	.06310	.05570	-.04790	.06320	.05574	.00260	.01760	-.07400	.93100	1.13285
.201	5.980	.06590	.05320	-.04900	.06590	.05316	.00100	.02330	-.10100	.92600	1.23872
.201	8.000	.06600	.05080	-.05000	.06610	.05075	-.00120	.02880	-.12800	.93100	1.29921
.201	9.980	.06870	.04850	-.04950	.06880	.04846	-.00390	.03450	-.15500	.91700	1.41649

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ031)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 31/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-2.450	.29090	.07530	-.04000	.29660	.04839	.00410	.00110	.02200	.70200	3.86321
.201	-1.980	.29060	.07610	-.03960	.29640	.04918	.00340	.00190	.01500	.70100	3.81866
.201	-1.000	.28950	.07370	-.03540	.29510	.04689	.00330	.00390	.00000	.69600	3.92809
.201	.000	.29210	.07100	-.03440	.29740	.04394	.00260	.00520	-.01100	.69400	4.11408
.201	1.010	.29440	.06910	-.03610	.29950	.04179	.00220	.00690	-.02500	.69600	4.26049
.201	1.980	.28890	.07230	-.03790	.29430	.04560	.00330	.00950	-.04200	.69900	3.99585
.201	4.000	.29300	.06950	-.04130	.29810	.04244	.00200	.01340	-.07100	.70300	4.21583
.201	5.990	.29780	.06540	-.04450	.30260	.03787	-.00040	.01740	-.09800	.70600	4.55352
.201	8.010	.30090	.06280	-.04760	.30540	.03494	-.00350	.02100	-.12400	.70900	4.79140
.201	9.990	.30480	.06160	-.05080	.30920	.03341	-.00560	.02400	-.14900	.71200	4.94805

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ032)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 32/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.990	.54870	.10040	-.03790	.55780	-.00153	.00570	.00360	.01300	.67700	5.46514
.201	-.980	.53440	.10530	-.03250	.54460	.00602	.00350	.00440	.00200	.67400	5.07502
.201	.000	.53610	.10010	-.02930	.54540	.00655	.00190	.00470	-.00900	.67200	5.35564
.201	1.010	.54240	.09950	-.03370	.55150	-.00123	.00050	.00500	-.02100	.67400	5.45126
.201	1.990	.53900	.10060	-.03530	.54830	.00050	.00020	.00570	-.03400	.67600	5.35785
.201	4.000	.54250	.09980	-.03930	.55160	-.00083	-.00250	.00790	-.06000	.67800	5.43587
.201	5.980	.54730	.09800	-.04290	.55600	-.00358	-.00510	.01000	-.08700	.68000	5.58469
.201	8.000	.54730	.09970	-.04870	.55630	-.00185	-.00680	.01300	-.11700	.68400	5.48947
.201	9.990	.55230	.10200	-.05390	.56170	-.00054	-.00820	.01500	-.14600	.68700	5.41471

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ033)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 33/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.970	.83990	.18950	-.05070	.85980	-.04599	.00630	.00360	.01400	.67400	4.43219
.201	-.980	.83430	.18940	-.04710	.85440	-.04450	.00460	.00370	.00200	.67200	4.40496
.201	.000	.83990	.18860	-.04780	.85960	-.04685	.00340	.00380	-.01000	.67200	4.45334
.201	1.010	.84000	.18700	-.04890	.85920	-.04854	.00270	.00420	-.02400	.67300	4.49198
.201	2.000	.84270	.18920	-.04940	.86240	-.04708	.00150	.00450	-.03800	.67300	4.45402
.201	4.000	.84050	.18700	-.05370	.85970	-.04853	-.00290	.00540	-.06100	.67500	4.49465
.201	5.980	.83660	.18880	-.05440	.85650	-.04578	-.00740	.00660	-.08400	.67500	4.43114
.201	8.000	.84170	.18990	-.06310	.86170	-.04591	-.01020	.00850	-.11100	.67900	4.43233
.201	9.980	.84960	.19140	-.07300	.86970	-.04673	-.01450	.01210	-.13500	.68300	4.43887

0A176 B26C9PR1M16N28W116E43F8 TC19X9 (RFJ034)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 2.000

RUN NO. 34/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.960	1.14280	.35770	-.07760	1.19470	- 08102	.00970	.00960	.01400	.67600	3.19486
.201	-.990	1.14510	.35940	-.07800	1.19750	-.08030	.00730	.00870	.00200	.67600	3.18614
.201	.000	1.14770	.35970	-.08090	1.20010	-.08087	.00610	.00740	-.01200	.67700	3.19071
.201	1.010	1.14290	.35760	-.08140	1.19480	-.08103	.00530	.00700	-.02800	.67700	3.19603
.201	2.000	1.14770	.35240	-.08290	1.19730	-.08761	.00390	.00650	-.04200	.67700	3.25681
.201	3.990	1.14180	.34070	-.08080	1.18770	-.09612	.00040	.00740	-.06800	.67700	3.35134
.201	5.980	1.14510	.34050	-.08440	1.19070	-.09746	-.00630	.00860	-.08800	.67800	3.36300
.201	8.060	1.14910	.35060	-.09580	1.19810	-.08957	-.01000	.01030	-.11300	.66100	3.27752
.201	10.000	1.15780	.37270	-.10800	1.21410	-.07241	-.01240	.01380	-.14200	.68500	3.10652

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ035)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 35/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.08790	.05320	-.04520	.08800	.05311	-.00870	.00950	.07300	.84100	1.65226
.201	-1.980	.08360	.05620	-.04330	.08370	05615	-.00370	.00810	.03100	.84200	1.48754
.201	-1.000	.08030	.05690	-.04180	.08040	.05685	-.00080	.00750	.00800	.84300	1.41125
.201	.000	.08060	.05590	-.04080	.08070	.05585	.00190	.00640	-.01200	.83800	1.44186
.201	1.000	.08110	.05480	-.04080	.08120	.05475	.00590	.00640	-.03500	.83700	1.47993
.201	1.990	.08080	.05400	-.04230	.08080	.05400	.00900	.00590	-.05900	.84400	1.49630
.201	3.990	.08380	.05140	-.04510	.08380	.05139	.01590	.00510	-.10500	.85000	1.63035
.201	5.990	.08670	.04770	-.04810	.08680	.04763	.02180	.00480	-.15000	.85600	1.81761
.201	8.050	.08970	.04330	-.05140	.08970	.04325	.02630	.00380	-.19000	.86300	2.07159
.201	9.980	.09040	.03880	-.05370	.09040	.03876	.03080	.00370	-.23300	.87100	2.32990

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ036)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 36/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.32760	.06320	-.03940	.33200	.03260	-.00740	.01170	.07200	.69600	5.18354
.201	-1.980	.32590	.06490	-.03580	.33050	.03443	-.00450	.00780	.03400	.69200	5.02157
.201	-1.000	.32560	.06530	-.03570	.33020	.03479	-.00170	.00660	.01200	.69200	4.98622
.201	.000	.32530	.06530	-.03690	.33000	.03483	.00110	.00530	-.00900	.69300	4.98162
.201	1.020	.32600	.06450	-.03670	.33060	.03397	.00380	.00400	-.03000	.69300	5.05426
.201	2.000	.32490	.06300	-.03670	.32940	.03265	.00770	.00350	-.05400	.69300	5.15714
.201	4.000	.32630	.06140	-.04010	.33060	.03092	.01380	.00120	-.09900	.69700	5.31433
.201	5.990	.33190	.05880	-.04410	.33590	.02776	.01910	-.00110	-.14300	.70000	5.64456
.201	8.010	.33470	.05580	-.04890	.33840	.02452	.02410	-.00370	-.18700	.70500	5.99821
.201	9.990	.33870	.05280	-.05420	.34210	.02115	.02790	-.00680	-.22500	.71000	6.41477

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ039)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 39/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.960	1.14570	.36340	-.06890	1.19960	-.07501	-.00140	.02130	.07100	.67300	3.15272
.201	-1.970	1.15580	.36900	-.07200	1.21110	-.07362	.00190	.01580	.03000	.67400	3.13225
.201	-.980	1.15700	.36970	-.07470	1.21240	-.07342	.00270	.01150	.01100	.67400	3.12956
.201	.010	1.16090	.37150	-.07670	1.21670	-.07332	.00510	.00780	-.01000	.67500	3.12490
.201	1.010	1.16080	.37150	-.07670	1.21660	-.07307	.00770	.00440	-.03200	.67500	3.12463
.201	2.010	1.15930	.37020	-.07620	1.21480	-.07373	.00980	.00120	-.05400	.67500	3.13155
.201	4.010	1.15570	.36640	-.07800	1.21010	-.07582	.01440	-.00390	-.09500	.67600	3.15420
.201	6.010	1.15720	.36290	-.07920	1.21020	-.07956	.01820	-.00920	-.13700	.67600	3.18876
.201	8.010	1.16480	.36250	-.09140	1.21710	-.08269	.02010	-.01320	-.17200	.67900	3.21324
.201	9.990	1.17870	.36830	-.10870	1.23210	-.08249	.02650	-.01720	-.22100	.68400	3.20038

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ040)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 40/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.960	.87520	.19600	-.05200	.89540	-.05144	-.00310	.01780	.06900	.67300	4.46531
.201	-1.970	.87360	.19700	-.05100	.89410	-.04997	-.00160	.01150	.03300	.67300	4.43452
.201	-.980	.87410	.19640	-.04980	.89440	-.05067	.00050	.00870	.01200	.67200	4.45061
.201	.020	.87330	.19610	-.05030	.89360	-.05078	.00290	.00590	-.01100	.67300	4.45334
.201	1.020	.87480	.19610	-.05000	.89510	-.05125	.00580	.00330	-.03200	.67200	4.46099
.201	2.010	.87840	.19630	-.05150	.89850	-.05214	.00830	.00060	-.05400	.67300	4.47478
.201	4.010	.87710	.19470	-.05370	.89690	-.05317	.01200	-.00440	-.09500	.67400	4.50488
.201	6.020	.87620	.19240	-.05770	.89540	-.05519	.01350	-.01000	-.13000	.67600	4.55405
.201	8.030	.88360	.19160	-.06680	.90230	-.05781	.01650	-.01420	-.16800	.67900	4.61169
.201	10.010	.89450	.19160	-.07910	.91280	-.06084	.02300	-.01860	-.21500	.68400	4.66858

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ041)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 41/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.960	.59510	.10630	-.04320	.60450	-.00314	-.00350	.01730	.06400	.67800	5.59831
.201	-1.960	.59220	.10730	-.04160	.60180	-.00361	-.00210	.01140	.02900	.67700	5.51911
.201	-.970	.58990	.10610	-.03890	.59940	-.00437	.00000	.00880	.01000	.67600	5.55985
.201	.030	.58890	.10540	-.03970	.59830	-.00483	.00210	.00610	-.01100	.67600	5.58729
.201	1.020	.59270	.10530	-.03990	.60190	-.00561	.00420	.00370	-.03000	.67600	5.62868
.201	2.010	.59000	.10510	-.04200	.59920	-.00534	.00720	.00150	-.05400	.67800	5.61370
.201	4.020	.59300	.10290	-.04450	.60190	-.00803	.01260	-.00270	-.09600	.67900	5.76288
.201	6.000	.59600	.10110	-.04800	.60450	-.01075	.01670	-.00650	-.13700	.68100	5.89515
.201	8.070	.60090	.09880	-.05400	.60880	-.01354	.02150	-.01090	-.18000	.68400	6.08198
.201	10.010	.60620	.09770	-.06060	.61380	-.01563	.02720	-.01450	-.22600	.68800	6.20471

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ044)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 44/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.140	-.10960	.06830	-.04500	-.11420	.06035	.00440	.00890	-.02100	.50700	-1.60469
.201	.080	.08770	.06190	-.04610	.08780	.06184	.00470	.00840	-.02100	.84500	1.41680
.201	4.280	.28380	.06770	-.03950	.28800	.04635	.00460	.00810	-.01900	.70200	4.19202
.201	8.500	.47.20	.08770	-.03890	.48500	.01614	.00470	.00780	-.01700	.68100	5.44128
.201	12.720	.68020	.13420	-.03920	.69310	-.01886	.00460	.00740	-.01600	.67300	5.06855
.201	16.980	.92260	.22050	-.04910	.94680	-.05863	.00570	.00760	-.01400	.67100	4.18413
.201	21.240	1.15500	.36910	.07180	1.21020	-.07459	.00630	.00870	-.01200	.67400	3.12923
.201	25.500	1.33410	.55550	-.08800	1.44330	-.07296	.00350	.00630	-.00700	.67400	2.40162

OA176 B26C9PRIM16N28W116E43F8V8R5TC19XS (RFJ045)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 45/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.09470	.05920	-.04910	.09480	.05909	-.00780	.01020	.07000	.84300	1.59966
.201	-1.990	.09280	.06240	-.04740	.09290	.06228	-.00330	.00850	.02900	.84000	1.48718
.201	-1.010	.09090	.06280	-.04690	.09100	.06273	.00000	.00840	.00500	.84200	1.44745
.201	.000	.09110	.06340	-.04690	.09120	.06329	.00310	.00850	-.01800	.84100	1.43691
.201	.990	.09180	.06200	-.04670	.09190	.06190	.00760	.00870	-.04400	.83900	1.48065
.201	1.980	.08900	.06120	-.04750	.08910	.06112	.01090	.00830	-.06600	.84800	1.45425
.201	3.980	.09410	.05780	-.04970	.09420	.05770	.01800	.00760	-.11300	.84600	1.62803
.201	5.980	.09390	.05330	-.05120	.09400	.05325	.02370	.00670	-.15600	.85200	1.76173
.201	7.990	.09550	.04960	-.05320	.09560	.04953	.02830	.00630	-.19800	.85700	1.92540
.201	9.970	.09920	.04410	-.05680	.09930	.04401	.03240	.00590	-.23900	.86200	2.24943

OA176 B26C9PRIM16N28W116E43F8V8R5TC19XS (RFJ046)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 46/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.33470	.06980	-.04340	.33970	.03833	-.00560	.01400	.06500	.69900	4.79513
.201	-1.960	.32970	.07200	-.03990	.33500	.04095	-.00250	.01030	.02600	.69600	4.57917
.201	-1.010	.32850	.07210	-.04040	.33380	.04119	.00000	.00900	.00700	.69600	4.55617
.201	.000	.33070	.07260	-.04040	.33600	.04148	.00230	.00770	-.01400	.69600	4.55510
.201	.980	.32990	.07110	-.04100	.33510	.04009	.00660	.00750	-.03900	.69700	4.63994
.201	1.970	.33140	.07110	-.04140	.33660	.03995	.00920	.00650	-.06100	.69700	4.66104
.201	3.980	.33440	.06890	-.04600	.33940	.03746	.01510	.00410	-.10500	.70200	4.85341
.201	5.970	.33710	.06570	-.04850	.34170	.03403	.02040	.00150	-.14900	.70400	5.13090
.201	7.990	.33900	.06260	-.05360	.34340	.03079	.02530	-.00070	-.19100	.70900	5.41534
.201	9.990	.34190	.05960	-.05720	.34600	.02757	.02920	-.00360	-.23100	.71300	5.73658

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ047)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 47/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.58580	.11000	-.04370	.59610	.00033	-.00250	.01790	.06200	.67900	5.32545
.201	-1.990	.58470	.10970	-.04110	.59490	.00028	-.00080	.01270	.02700	.67700	5.32999
.201	-1.000	.58440	.10980	-.03980	.59460	.00043	.00110	.01020	.00600	.67600	5.32240
.201	.020	.58270	.10950	-.04000	.59290	.00050	.00280	.00760	-.01300	.67700	5.32146
.201	1.000	.58310	.10880	-.04010	.59320	-.00026	.00500	.00520	-.03500	.67700	5.35937
.201	1.990	.58340	.10830	-.04220	.59330	-.00081	.00810	.00270	-.05600	.67800	5.38689
.201	3.980	.58610	.10640	-.04390	.59570	-.00315	.01260	-.00140	-.09800	.67900	5.50846
.201	5.980	.59010	.10510	-.04810	.59930	-.00518	.01620	-.00520	-.13700	.68100	5.61465
.201	8.010	.59450	.10260	-.05470	.60320	-.00847	.02150	-.00970	-.18200	.68500	5.79435
.201	10.010	.59820	.10050	-.05950	.60650	-.01114	.02540	-.01410	-.22400	.68800	5.95224

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ048)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 48/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.86430	.19630	-.04930	.88490	-.04965	-.00310	.01810	.06800	.67200	4.40295
.201	-1.990	.86660	.19870	-.04910	.88780	-.04803	-.00140	.01200	.03200	.67200	4.36135
.201	-1.000	.87070	.19890	-.04930	.89180	-.04906	.00080	.00920	.01000	.67200	4.37758
.201	.000	.86510	.19800	-.04790	.88620	-.04832	.00300	.00630	-.01100	.67200	4.36919
.201	.990	.86910	.19810	-.04920	.89000	-.04938	.00600	.00370	-.03400	.67200	4.38718
.201	1.970	.86710	.19790	-.05050	.88810	-.04886	.00860	.00100	-.05500	.67300	4.38151
.201	3.980	.87100	.19520	-.05070	.89110	-.05258	.01200	-.00410	-.09600	.67300	4.46209
.201	5.970	.87380	.19380	-.05700	.89340	-.05468	.01270	-.00960	-.12900	.67500	4.50877
.201	7.900	.87620	.19220	-.06470	.89530	-.05676	.01550	-.01390	-.16700	.67800	4.55879
.201	9.970	.88830	.19320	-.07640	.90710	-.05910	.02190	-.01880	-.21400	.68300	4.59783

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ049)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 49/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	1.15080	.36740	-.06710	1.20560	-.07600	-.00070	.02300	.06900	.67200	3.13228
.201	-1.990	1.15600	.37080	-.06940	1.21170	-.07489	.00180	.01650	.03000	.67300	3.11758
.201	-1.000	1.15900	.37360	-.07210	1.21550	-.07341	.00240	.01250	.01200	.67400	3.10225
.201	.000	1.16230	.37520	-.07510	1.21910	-.07305	.00460	.00880	-.01000	.67500	3.09781
.201	.990	1.16160	.37700	-.07550	1.21920	-.07123	.00680	.00550	-.03200	.67500	3.08117
.201	1.990	1.16280	.37520	-.07350	1.21960	-.07334	.00860	.00240	-.05200	.67400	3.09915
.201	3.980	1.15740	.37050	-.07530	1.21290	-.07548	.01360	-.00330	-.09500	.67500	3.12389
.201	5.980	1.15550	.36570	-.07650	1.20940	-.07915	.01710	-.00850	-.13500	.67500	3.15969
.201	8.030	1.16400	.36660	-.09100	1.21760	-.08134	.01890	-.01280	-.17100	.67900	3.17512
.201	9.990	1.18130	.37090	-.10590	1.23530	-.08373	.02510	-.01810	-.21900	.68300	3.18496

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ051)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 51/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.150	-.12500	.06550	-.04280	-.12940	.05631	.00390	.00730	-.01800	.53000	-1.90840
.201	.060	.06900	.05740	-.04140	.06900	.05733	.00370	.00620	-.01600	.87200	1.20209
.201	4.260	.26410	.06280	-.03480	.26800	.04799	.00400	.00620	-.01500	.70000	4.20541
.201	8.490	.46540	.08180	-.03350	.47230	.01218	.00380	.00570	-.01300	.67800	5.68949
.201	12.700	.66240	.12530	-.03390	.67380	-.02343	.00350	.00560	-.01000	.67000	5.28651
.201	16.960	.90030	.21130	-.04780	.92750	-.06203	.00550	.00670	-.01400	.67100	4.28443
.201	21.230	1.13630	.35810	-.06900	1.18890	-.07764	.00660	.00920	-.01300	.67300	3.17314
.201	25.460	1.32060	.54550	-.08640	1.42690	-.07532	.00240	.00720	-.00400	.67400	2.42090

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ052)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 52/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.08100	.05620	-.04670	.08110	.05620	-.00820	.00890	.07000	.86400	1.44128
.201	-2.000	.07850	.05920	-.04440	.07860	.05914	-.00290	.00760	.02700	.86000	1.32601
.201	-1.020	.07690	.05960	-.04320	.07690	.05958	.00000	.00720	.00500	.85900	1.29027
.201	.000	.07450	.06010	-.04350	.07460	.06004	.00320	.00680	-.01700	.86700	1.23960
.201	.980	.07370	.05870	-.04290	.07370	.05866	.00770	.00710	-.04100	.86600	1.25554
.201	1.970	.07410	.05760	-.04380	.07420	.05751	.01100	.00670	-.06400	.86900	1.28646
.201	3.960	.07570	.05540	-.04610	.07580	.05534	.01780	.00610	-.11000	.87600	1.36643
.201	5.960	.07790	.05150	-.04890	.07790	.05147	.02390	.00590	-.15500	.88300	1.51262
.201	8.010	.07500	.04680	-.05070	.07810	.04677	.02830	.00490	-.19500	.89100	1.66667
.201	9.960	.07910	.04200	-.05240	.07910	.04201	.03280	.00490	-.23800	.89500	1.88333

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ053)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 53/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.32270	.06540	-.03970	.32740	.03516	-.00610	.01200	.06800	.69700	4.93425
.201	-.010	.31730	.06760	-.03700	.32220	.03789	.00300	.00650	-.01500	.69400	4.69379
.201	1.020	.31590	.06680	-.03580	.32070	.03729	.00690	.00590	-.03800	.69300	4.72904
.201	1.970	.31690	.06630	-.03690	.32170	.03656	.00970	.00460	-.06000	.69400	4.77979
.201	3.970	.32030	.06480	-.04130	.32500	.03477	.01470	.00230	-.10300	.69900	4.94290
.201	5.960	.32030	.06200	-.04390	.32470	.03202	.02120	.00040	-.14900	.70200	5.16613
.201	7.970	.32250	.05880	-.04920	.32660	.02861	.02580	-.00180	-.19200	.70700	5.48469
.201	9.960	.32520	.05630	-.05370	.32910	.02592	.02840	-.00490	-.22900	.71200	5.77620

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ054)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 54/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.56080	.10180	-.03680	.56990	-.00345	-.00170	.01650	.06100	.67600	5.50884
.201	-2.010	.55910	.10260	-.03490	.56840	-.00231	-.00090	.01140	.02700	.67400	5.44932
.201	-1.010	.55880	.10260	-.03470	.56810	-.00226	.00020	.00890	.00800	.67400	5.44639
.201	.010	.55880	.10160	-.03420	.56800	-.00331	.00110	.00630	-.00900	.67400	5.50000
.201	.980	.56030	.10170	-.03520	.56940	-.00346	.00540	.00440	-.03400	.67500	5.50934
.201	1.970	.55910	.10150	-.03630	.56830	-.00342	.00800	.00210	-.05400	.67500	5.50837
.201	3.970	.56040	.09970	-.03850	.56910	-.00541	.01300	-.00170	-.09600	.67700	5.62086
.201	5.970	.56300	.09810	-.04370	.57150	-.00744	.01640	-.00560	-.13700	.68000	5.73904
.201	8.030	.56790	.09610	-.05010	.57590	-.01029	.02120	-.00960	-.18200	.68400	5.90947
.201	9.950	.57490	.09400	-.05620	.58230	-.01373	.02660	-.01340	-.22800	.68700	6.11596

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ055)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 55/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.84380	.18730	-.04690	.86280	-.05062	-.00210	.01740	.06700	.67200	4.50507
.201	-2.000	.84440	.18890	-.04610	.86390	-.04922	-.00130	.01150	.03100	.67100	4.47009
.201	-1.020	.84290	.18820	-.04410	.86220	-.04954	.00050	.00860	.01000	.67100	4.47875
.201	.020	.83880	.18740	-.04260	.85810	-.04912	.00310	.00570	-.01000	.67000	4.47599
.201	.980	.84650	.18840	-.04470	.86580	-.05041	.00620	.00380	-.03400	.67100	4.49310
.201	1.960	.83950	.18650	-.04450	.85850	-.05020	.00850	.00080	-.05500	.67100	4.50134
.201	3.960	.84230	.18450	-.04730	.86070	-.05283	.01250	-.00410	-.09600	.67200	4.56531
.201	5.960	.84390	.18370	-.05220	.86200	-.05406	.01410	-.00930	-.13300	.67400	4.59390
.201	8.020	.84920	.18270	-.06140	.86680	-.05629	.01740	-.01330	-.17200	.67800	4.64806
.201	9.950	.85970	.18240	-.07300	.87690	-.05956	.02330	-.01760	-.21900	.68200	4.71327

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ056)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 5.000

RUN NO. 56/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.010	1.12040	.35000	-.06270	1.17130	-.07757	.00020	.02360	.06800	.67200	3.20114
.201	-1.990	1.13240	.35630	-.06590	1.18470	-.07616	.00310	.01710	.02800	.67200	3.17822
.201	-1.030	1.13200	.35690	-.06760	1.18450	-.07543	.00350	.01290	.01000	.67300	3.17176
.201	-.030	1.13430	.35900	-.06790	1.18750	-.07458	.00490	.00910	-.00900	.67300	3.15961
.201	.960	1.13490	.35840	-.07000	1.18770	-.07525	.00800	.00600	-.03300	.67400	3.16657
.201	1.950	1.13430	.35560	-.07010	1.18620	-.07764	.01180	.00330	-.05700	.67400	3.18982
.201	3.950	1.13390	.35250	-.06920	1.18470	-.08037	.01540	-.00210	-.09800	.67300	3.21674
.201	5.940	1.12850	.35000	-.07360	1.17880	-.08045	.01660	-.00760	-.13400	.67500	3.22429
.201	7.990	1.14230	.35260	-.08770	1.19260	-.08307	.01860	-.01230	-.17100	.67900	3.23965
.201	9.940	1.15560	.35790	-.10350	1.20690	-.08308	.02540	-.01630	-.22300	.68300	3.22883

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ058)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 58/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.100	-.04950	.06590	-.03980	-.05300	.06316	.00400	.00770	-.01700	.37500	-.75114
.201	.090	.09560	.06140	-.03750	.09570	.06124	.00380	.00710	-.01500	.79600	1.55700
.201	4.300	.29000	.06670	-.03170	.29420	.04482	.00340	.00720	-.01300	.69200	4.34783
.201	8.510	.48440	.08770	-.03210	.49200	.01507	.00310	.00680	-.01100	.67600	5.52338
.201	10.620	.57670	.10530	-.03030	.58620	-.00288	.00340	.00720	-.01000	.67100	5.47673
.201	12.730	.69270	.13560	-.03220	.70560	-.02040	.00270	.00740	-.00900	.66900	5.10841
.201	16.990	.93620	.22340	-.04970	.96250	-.06057	.00490	.00600	-.01100	.67100	4.19964
.201	21.270	1.16730	.37330	-.07160	1.22320	-.07557	.00580	.00900	-.01000	.67300	3.12698
.201	25.510	1.34330	.56100	-.08820	1.45400	-.07229	.00330	.00800	-.00600	.67400	2.39447

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ059)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 59/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.09930	.05960	-.03980	.09940	.05947	-.00920	.01300	.08000	.79900	1.66611
.201	-1.980	.09790	.06280	-.04000	.09800	.06272	-.00410	.00980	.03400	.80200	1.55892
.201	-1.000	.09760	.06340	-.03900	.09770	.06325	-.00090	.00800	.01100	.79900	1.53943
.201	.000	.09530	.06350	-.03860	.09540	.06340	.00250	.00730	-.01400	.80100	1.50079
.201	1.010	.09610	.06270	-.03890	.09620	.06258	.00720	.00690	-.04000	.80100	1.53270
.201	1.990	.09740	.06180	-.04030	.09750	.06170	.01050	.00560	-.06300	.80400	1.57605
.201	3.980	.09890	.06020	-.04250	.09900	.06009	.01740	.00370	-.11200	.81000	1.64286
.201	5.970	.09590	.05610	-.04310	.09600	.05596	.02480	.00220	-.16300	.81700	1.70945
.201	8.030	.09700	.05080	-.04400	.09710	.05074	.03100	.00000	-.21100	.81900	1.90945
.201	9.980	.09750	.04620	-.04320	.09760	.04612	.03690	-.00220	-.26000	.81500	2.11039

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ060)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 60/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.33990	.07060	-.03580	.34500	.03889	-.00780	.01520	.07900	.69000	4.81445
.201	-1.980	.33870	.07200	-.03430	.34390	.04037	-.00420	.01010	.03600	.68900	4.70417
.201	-1.000	.33690	.07250	-.03240	.34220	.04108	-.00100	.00840	.01200	.68700	4.64690
.201	.000	.33780	.07240	-.03300	.34310	.04079	.00170	.00680	-.01000	.68700	4.66575
.201	.990	.33890	.07200	-.03400	.34410	.04035	.00440	.00490	-.03200	.68800	4.70694
.201	1.980	.33570	.07100	-.03450	.34080	.03965	.00870	.00410	-.05900	.68900	4.72817
.201	3.990	.33880	.06980	-.03830	.34390	.03822	.01480	.00060	-.10600	.69300	4.85387
.201	5.980	.33830	.06690	-.03950	.34310	.03534	.02130	-.00260	-.15700	.69400	5.05680
.201	8.020	.34210	.06310	-.04250	.34640	.03119	.02720	-.00710	-.20500	.69700	5.42155
.201	9.990	.34260	.06120	-.04470	.34680	.02928	.03240	-.01120	-.25100	.69900	5.59804

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ061)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 61/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.58740	.10860	-.03430	.59740	-.00198	-.00590	.01800	.07700	.67300	5.40884
.201	-1.950	.58640	.10910	-.03310	.59650	-.00122	-.00400	.01180	.03800	.67200	5.37489
.201	-.980	.58580	.10900	-.03180	.59580	-.00123	-.00110	.00940	.01500	.67200	5.37431
.201	.000	.58350	.10830	-.03090	.59350	-.00150	.00140	.00640	-.00700	.67100	5.38781
.201	1.010	.58670	.10830	-.03320	.59670	-.00216	.00380	.00380	-.02900	.67200	5.41736
.201	1.990	.58820	.10830	-.03460	.59810	-.00239	.00620	.00070	-.05100	.67300	5.43121
.201	4.020	.58920	.10630	-.03640	.59870	-.00455	.01180	-.00410	-.09700	.67400	5.54280
.201	5.980	.59090	.10410	-.04030	.59990	-.00702	.01650	-.00900	-.14300	.67700	5.67627
.201	8.000	.59420	.10200	-.04360	.60280	-.00967	.02300	-.01430	-.19400	.67800	5.82549
.201	9.990	.59760	.09970	-.04870	.60570	-.01255	.02960	-.02010	-.24300	.68100	5.99398

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ062)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 62/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.87980	.19990	-.04850	.90090	-.04897	-.00620	.01830	.08100	.67200	4.40120
.201	-1.970	.88590	.20230	-.04770	.90750	-.04838	-.00240	.01190	.03700	.67100	4.37914
.201	-.990	.88300	.20240	-.04650	.90470	-.04748	-.00030	.00860	.01600	.67100	4.36265
.201	.000	.88130	.20060	-.04640	.90240	-.04864	.00250	.00510	-.00600	.67100	4.39232
.201	1.020	.88330	.20090	-.04650	.90450	-.04903	.00560	.00230	-.03100	.67100	4.39671
.201	2.000	.88360	.20100	-.04700	.90480	-.04897	.00860	-.00090	-.05500	.67100	4.39602
.201	4.010	.87910	.19910	-.04760	.90000	-.04949	.01280	-.00720	-.10000	.67100	4.41537
.201	5.990	.88290	.19720	-.05210	.90320	-.05233	.01530	-.01380	-.14000	.67300	4.47718
.201	8.000	.88850	.19660	-.06040	.90840	-.05443	.02020	-.01920	-.18700	.67600	4.51933
.201	9.990	.89830	.19650	-.07000	.91780	-.05722	.02710	-.02550	-.23700	.68000	4.57150

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ063)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 3.000

RUN NO. 63/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	1.15450	.39350	-.07450	1.21860	-.05183	-.01350	.01860	.09800	.67400	2.93393
.201	-1.980	1.16580	.39670	-.07630	1.23030	-.05320	-.00820	.01210	.05200	.67500	2.93874
.201	-.980	1.16840	.39610	-.07720	1.23250	-.05476	-.00550	.00940	.02800	.67500	2.94976
.201	.010	1.17410	.38740	-.07840	1.23460	-.06471	.00140	.00760	-.00200	.67500	3.03072
.201	1.040	1.17430	.37960	-.07370	1.23210	-.07203	.00740	.00510	-.03200	.67400	3.09352
.201	2.000	1.17320	.37930	-.07510	1.23090	-.07183	.00960	.00160	-.05400	.67400	3.09307
.201	4.010	1.17170	.37530	-.07450	1.22770	-.07474	.01520	-.00480	-.10100	.67400	3.12097
.201	6.000	1.16470	.37080	-.07500	1.21990	-.07638	.01970	-.01090	-.14600	.67400	3.14105
.201	8.010	1.17900	.37470	-.09130	1.23470	-.07790	.02270	-.01610	-.18900	.67900	3.14652
.201	9.990	1.19290	.37850	-.10320	1.24900	-.07956	.03230	-.02200	-.24700	.68200	3.15165

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ064)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 64/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.150	-.11960	.06520	-.04180	-.12400	.05642	.00320	.00710	-.01400	.52800	-1.83436
.201	.060	.07800	.05800	-.04050	.07810	.05796	.00290	.00630	-.01200	.84300	1.34483
.201	5.320	.31810	.06650	-.03470	.32290	.03670	.00320	.00630	-.01100	.69100	4.78346
.201	10.590	.56550	.10160	-.03260	.57460	-.00411	.00230	.00620	-.00900	.67300	5.56594
.201	16.980	.92660	.21880	-.05040	.95010	-.06138	.00510	.00590	-.01200	.67100	4.23492
.201	20.180	1.10530	.32530	-.06530	1.14970	-.07600	.00900	.00910	-.01700	.67300	3.39779
.201	21.240	1.15970	.37070	-.07320	1.21520	-.07480	.00670	.00900	-.01100	.67400	3.12841
.201	25.480	1.33340	.55800	-.08670	1.44380	-.07011	.00330	.00690	-.00400	.67400	2.38961

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ065)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 65/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.09000	.05670	-.04730	.09010	.05661	-.00830	.01000	.07300	.84500	1.58730
.201	-2.000	.08640	.05950	-.04380	.08650	.05940	-.00360	.00790	.03100	.83800	1.45210
.201	-1.010	.08420	.06020	-.04280	.08430	.06010	-.00110	.00730	.01000	.83900	1.39867
.201	-.010	.08280	.06020	-.04310	.08290	.06010	.00210	.00680	-.01200	.84300	1.37542
.201	.990	.08340	.05950	-.04320	.08350	.05940	.00670	.00720	-.03800	.84300	1.40168
.201	1.970	.08320	.05850	-.04380	.08330	.05847	.01000	.00680	-.06200	.84500	1.42222
.201	3.980	.08510	.05640	-.04720	.08520	.05634	.01690	.00580	-.10800	.85600	1.50887
.201	5.960	.08790	.05260	-.04980	.08800	.05255	.02210	.00520	-.15100	.86000	1.67110
.201	7.980	.08860	.04760	-.05150	.08870	.04749	.02730	.00470	-.19400	.86600	1.86134
.201	9.970	.09120	.04250	-.05430	.09130	.04246	.03080	.00410	-.23300	.87100	2.14588

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ066)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 66/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.32780	.06720	-.03960	.33250	.03682	-.00850	.01120	.07400	.69600	4.87798
.201	-1.990	.32380	.06870	-.03810	.32880	.03875	-.00360	.00850	.03100	.69400	4.71325
.201	-1.010	.32370	.06900	-.03610	.32870	.03900	-.00090	.00740	.00900	.69200	4.69130
.201	-.010	.32390	.06880	-.03760	.32880	.03875	.00190	.00620	-.01100	.69400	4.70785
.201	.990	.32390	.06830	-.03760	.32890	.03831	.00420	.00500	-.03200	.69400	4.74231
.201	1.980	.32300	.06740	-.03780	.32780	.03747	.00810	.00480	-.05500	.69400	4.79228
.201	3.980	.32380	.06570	-.04090	.32840	.03571	.01360	.00270	-.10000	.69800	4.92846
.201	5.970	.32760	.06300	-.04520	.33200	.03264	.01890	.00000	-.14500	.70200	5.20000
.201	8.000	.32990	.05940	-.05000	.33400	.02892	.02370	-.00270	-.18700	.70700	5.55387
.201	9.990	.33410	.05620	-.05370	.33780	.02532	.02750	-.00510	-.22600	.71000	5.94484

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ067)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 67/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.57170	.10400	-.03960	.56110	-.00287	-.00410	.01570	.06800	.67700	5.49712
.201	-1.990	.56900	.10490	-.03620	.57860	-.00148	-.00310	.01070	.03200	.67500	5.42421
.201	-1.010	.56610	.10430	-.03500	.57570	-.00152	-.00090	.00830	.01300	.67400	5.42761
.201	.000	.56690	.10400	-.03410	.57630	-.00206	.00090	.00620	-.00700	.67400	5.45096
.201	.980	.56580	.10370	-.03550	.57540	-.00210	.00280	.00390	-.02600	.67500	5.45709
.201	1.980	.56970	.10340	-.03700	.57900	-.00314	.00540	.00170	-.04800	.67500	5.50967
.201	3.990	.57100	.10140	-.03940	.57990	-.00529	.01040	-.00210	-.09100	.67700	5.63116
.201	5.970	.57030	.09940	-.04420	.57880	-.00706	.01380	-.00580	-.13000	.68000	5.73742
.201	7.980	.57680	.09680	-.04960	.58480	-.01090	.01930	-.00990	-.17700	.68300	5.95868
.201	9.960	.58020	.09470	-.05560	.58770	-.01356	.02390	-.01380	-.21800	.68700	6.12672

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ068)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 68/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.85510	.19150	-.05140	.87480	-.04976	-.00320	.01580	.07000	.67300	4.46527
.201	-1.990	.85160	.19230	-.04790	.87180	-.04798	-.00190	.00990	.03300	.67200	4.42850
.201	-1.000	.85340	.19230	-.04820	.87350	-.04851	.00030	.00730	.01200	.67200	4.43786
.201	.000	.85090	.19130	-.04510	.87080	-.04882	.00270	.00490	-.00900	.67100	4.44799
.201	.990	.85130	.19100	-.04640	.87110	-.04902	.00580	.00230	-.03100	.67100	4.45707
.201	1.980	.84970	.19020	-.04610	.86920	-.04944	.00810	-.00020	-.05300	.67100	4.46688
.201	3.990	.85160	.18850	-.04830	.87070	-.05160	.01220	-.00500	-.09400	.67200	4.51777
.201	5.970	.85160	.18660	-.05280	.87020	-.05343	.01310	-.01010	-.12800	.67400	4.56377
.201	8.000	.85900	.18590	-.06330	.87710	-.05598	.01610	-.01380	-.16800	.67800	4.62076
.201	9.980	.86840	.18580	-.07200	.88610	-.05878	.02190	-.01820	-.21400	.68200	4.67384

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ069)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 69/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	1.13490	.35670	-.06740	1.18720	-.07508	-.00020	.02280	.06900	.67300	3.18167
.201	-1.990	1.13890	.36070	-.06930	1.19240	-.07284	.00230	.01650	.02900	.67300	3.15747
.201	-1.000	1.14240	.36250	-.07080	1.19630	-.07250	.00270	.01230	.01200	.67400	3.15145
.201	1.000	1.14280	.36280	-.07070	1.19680	-.07243	.00710	.00510	-.02900	.67400	3.14994
.201	1.990	1.14310	.36160	-.07230	1.19670	-.07367	.00960	.00240	-.05200	.67400	3.16123
.201	3.990	1.13900	.35690	-.07370	1.19120	-.07674	.01450	-.00320	-.09500	.67500	3.19137
.201	5.980	1.14050	.35540	-.07640	1.19210	-.07832	.01650	-.00900	-.13200	.67500	3.20906
.201	7.990	1.14590	.35550	-.08910	1.19710	-.08004	.01820	-.01340	-.16800	.67900	3.22335
.201	9.980	1.16120	.35910	-.10400	1.21270	-.08223	.02530	-.01770	-.21800	.68300	3.23364

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ071)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 71/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.160	-.12530	.06730	-.04130	-.12990	.05808	.00510	.00910	-.02000	.53500	-1.86181
.201	.040	.07290	.05820	-.03820	.07290	.05814	.00510	.00810	-.01700	.84500	1.25258
.201	4.250	.26400	.06240	-.03480	.26800	.04271	.00520	.00810	-.01600	.70000	4.23077
.201	8.470	.46060	.08170	-.03330	.46760	.01297	.00420	.00700	-.01200	.67800	5.63770
.201	12.680	.66510	.12740	-.03600	.67680	-.02174	.00360	.00740	-.01000	.67100	5.22057
.201	16.950	.90780	.21360	-.04940	.93070	-.06034	.00540	.00620	-.01300	.67100	4.25000
.201	20.150	1.08940	.31780	-.06350	1.13220	-.07703	.00910	.00990	-.01600	.67200	3.42794
.201	21.210	1.14170	.36100	-.07010	1.19500	-.07655	.00680	.00990	-.01200	.67300	3.16260
.201	24.410	1.29130	.50930	-.09360	1.38640	-.06382	.00270	.00620	-.00300	.67700	2.53544

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ072)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 72/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.08180	.05520	-.04160	.08180	.05520	-.00500	.01820	.08100	.83900	1.48188
.201	-1.980	.07430	.05840	-.03840	.07440	.05836	-.00200	.01150	.03500	.84200	1.27226
.201	-.990	.07310	.05950	-.03840	.07320	.05953	.00030	.00920	.01100	.84500	1.22857
.201	.000	.07160	.05990	-.03800	.07170	.05987	.00280	.00710	-.01100	.84700	1.19533
.201	1.010	.07420	.05850	-.03920	.07430	.05853	.00690	.00630	-.04000	.84600	1.26838
.201	2.000	.07350	.05790	-.04080	.07350	.05793	.00940	.00400	-.06300	.85600	1.26943
.201	4.000	.07860	.05580	-.04400	.07860	.05579	.01480	-.00120	-.11500	.85800	1.40860
.201	5.990	.08490	.05280	-.04780	.08490	.05277	.01840	-.00650	-.16300	.85900	1.60795
.201	8.000	.10040	.04820	-.05400	.10040	.04812	.02270	-.01160	-.21300	.85000	2.08299
.201	9.990	.11410	.04420	-.05900	.11420	.04407	.02600	-.01690	-.26100	.84200	2.58145

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ073)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 73/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.32000	.06450	-.03850	.32460	.03164	-.00270	.01940	.07200	.69600	4.96124
.201	-1.990	.31400	.06640	-.03650	.31880	.03711	-.00080	.01210	.03000	.69400	4.72892
.201	-.990	.31370	.06650	-.03470	.31850	.03721	.00040	.00920	.01000	.69200	4.71729
.201	.000	.31410	.06680	-.03460	.31900	.03744	.00270	.00660	-.01100	.69200	4.70210
.201	1.010	.31260	.06650	-.03510	.31740	.03731	.00450	.00410	-.03300	.69300	4.70075
.201	1.990	.31150	.06550	-.03610	.31620	.03639	.00770	.00230	-.05700	.69400	4.75573
.201	3.990	.31650	.06440	-.04000	.32110	.03487	.01140	-.00360	-.10200	.69800	4.91460
.201	5.980	.32570	.06290	-.04470	.33010	.03250	.01410	-.01080	-.14800	.70200	5.17806
.201	7.990	.34060	.06060	-.05300	.34470	.02877	.01750	-.01790	-.19300	.70800	5.62046
.201	9.980	.35450	.05930	-.05990	.35850	.02609	.01950	-.02510	-.23400	.71300	5.97808

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ074)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6300 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 74/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.56110	.10030	-.03760	.57000	-.00519	.00000	.02170	.06400	.67600	5.59422
.201	-1.980	.55710	.10110	-.03450	.56620	-.00358	-.00030	.01320	.03000	.67400	5.51039
.201	-.990	.55580	.10040	-.03310	.56470	-.00405	.00020	.00960	.01100	.67300	5.53586
.201	.000	.55400	.10020	-.03190	.56300	-.00396	.00160	.00610	-.00800	.67300	5.52894
.201	1.000	.55760	.10060	-.03450	.56660	-.00419	.00310	.00280	-.02700	.67400	5.54274
.201	1.990	.55840	.10060	-.03620	.56740	-.00426	.00480	-.00030	-.04800	.67500	5.55070
.201	4.000	.56240	.10020	-.04010	.57130	-.00551	.00680	-.00790	-.08600	.67800	5.61277
.201	5.980	.57230	.09900	-.04530	.58070	-.00860	.00890	-.01580	-.12600	.68100	5.78081
.201	8.000	.58360	.09770	-.05450	.59160	-.01200	.01250	-.02420	-.17100	.68600	5.97339
.201	9.980	.59830	.09710	-.06190	.60600	-.01537	.01580	-.03260	-.21300	.68900	6.16169

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ075)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 75/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.85590	.19070	-.05370	.87540	-.05138	-.00220	.02180	.06700	.67400	4.48820
.201	-1.990	.85520	.19280	-.04920	.87530	-.04927	-.00160	.01270	.03300	.67300	4.43568
.201	-.980	.85040	.19190	-.04660	.87040	-.04869	.00010	.00880	.01200	.67200	4.43147
.201	.000	.85110	.19180	-.04750	.87110	-.04895	.00200	.00490	-.00700	.67200	4.43743
.201	1.000	.85200	.19190	-.04820	.87200	-.04919	.00460	.00130	-.02900	.67200	4.43981
.201	1.990	.85550	.19220	-.04890	.87540	-.04986	.00600	-.00260	-.04800	.67200	4.45109
.201	3.990	.85380	.18980	-.05100	.87310	-.05163	.00910	-.01110	-.08700	.67300	4.49842
.201	5.980	.85640	.18810	-.05530	.87520	-.05407	.00910	-.02080	-.11900	.67500	4.55290
.201	8.000	.86860	.18890	-.06430	.88710	-.05667	.01070	-.02980	-.15600	.67900	4.59820
.201	9.990	.87610	.18800	-.07280	.89410	-.05967	.01620	-.03960	-.19900	.68200	4.66011

OA176 B23C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ076)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 76/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	1.13590	.38340	-.07550	1.19760	-.05648	-.01100	.02040	.08300	.67500	2.96270
.201	-1.980	1.13900	.38580	-.07550	1.20130	-.05528	-.00770	.01190	.04600	.67500	2.95231
.201	-.990	1.14530	.38660	-.07650	1.20740	-.05700	-.00560	.00840	.02600	.67500	2.96249
.201	.000	1.14860	.38360	-.07710	1.20940	-.06092	-.00180	.00540	.00300	.67500	2.99426
.201	1.000	1.14580	.37830	-.07610	1.20490	-.06502	.00190	.00260	-.01900	.67500	3.02881
.201	1.990	1.14930	.37020	-.07490	1.20520	-.07366	.00840	.00120	-.04800	.67500	3.10454
.201	3.990	1.15300	.36860	-.07550	1.20810	-.07654	.01260	-.00660	-.08700	.67500	3.12805
.201	5.980	1.14910	.36150	-.07630	1.20190	-.08155	.01530	-.01740	-.12100	.67500	3.17870
.201	7.990	1.15790	.36350	-.09130	1.21080	-.08297	.01450	-.02610	-.15000	.68000	3.18542
.201	10.000	1.15310	.35670	-.09130	1.20380	-.08736	.02270	-.03840	-.19900	.68000	3.23269

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ077)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000
SIM = 1.000

RUN NO. 77/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.34430	.06970	-.04660	.34930	.03719	-.00920	.01290	.07700	.70100	4.93974
.201	-1.980	.34440	.07120	-.04360	.34960	.03867	-.00480	.00900	.03500	.69800	4.83708
.201	-1.010	.34240	.07180	-.04400	.34760	.03943	-.00110	.00810	.01100	.69800	4.76880
.201	.000	.34310	.07170	-.04270	.34830	.03927	.00250	.00670	-.01100	.69700	4.78522
.201	.980	.34150	.07140	-.04410	.34670	.03914	.00580	.00550	-.03400	.69900	4.78291
.201	1.970	.34310	.06940	-.04330	.34810	.03704	.01080	.00530	-.06100	.69800	4.94380
.201	3.980	.34170	.06700	-.04590	.34650	.03479	.01760	.00290	-.10800	.70100	5.10000
.201	5.970	.34450	.06480	-.05040	.34900	.03236	.02300	.00000	-.15400	.70500	5.31636
.201	7.980	.34760	.06100	-.05550	.35180	.02828	.02800	-.00270	-.19700	.71000	5.69836
.201	9.980	.34730	.05810	-.05830	.35120	.02540	.03270	-.00570	-.23800	.71300	5.97762

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ078)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300
SIM = 1.000

RUN NO. 78/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.38020	.08790	-.06160	.38680	.05183	-.00900	.01360	.07700	.71000	4.32537
.201	-1.990	.38100	.08930	-.05940	.38770	.05315	-.00530	.00930	.03600	.70800	4.26652
.201	-1.000	.37610	.08950	-.05790	.38280	.05381	-.00120	.00790	.01200	.70800	4.20223
.201	.000	.37800	.08940	-.05790	.38470	.05354	.00270	.00680	-.01200	.70700	4.22819
.201	1.000	.37940	.08890	-.05950	.38610	.05298	.00610	.00510	-.03400	.70900	4.26772
.201	1.980	.37910	.08730	-.05970	.38560	.05135	.01090	.00430	-.06100	.70900	4.34250
.201	3.990	.37720	.08610	-.06220	.38360	.05037	.01770	.00170	-.10900	.71100	4.38095
.201	5.980	.38140	.08320	-.06700	.38750	.04708	.02430	-.00090	-.15600	.71500	4.58413
.201	8.020	.38430	.07930	-.07250	.39000	.04298	.03070	-.00390	-.20300	.72000	4.84615
.201	9.990	.39400	.07440	-.07890	.39920	.03708	.03780	-.00650	-.25000	.72500	5.29570

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ079)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = 55.000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 79/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.30000	.08540	-.01720	.30670	.05713	-.00550	.01070	.07000	.67200	3.51288
.201	-2.000	.29630	.08860	-.01360	.30320	.06063	-.00240	.00760	.03100	.66800	3.34424
.201	-1.000	.29600	.08750	-.01300	.30280	.05957	.00010	.00680	.01000	.66800	3.38286
.201	.000	.29450	.08810	-.01350	.30140	.06031	.00240	.00610	-.01000	.66800	3.34279
.201	.990	.29860	.08580	-.01490	.30530	.05764	.00640	.00630	-.03500	.67000	3.48019
.201	1.970	.29550	.08680	-.01350	.30230	.05900	.00950	.00590	-.05800	.66800	3.40438
.201	3.970	.30060	.08370	-.01900	.30710	.05537	.01390	.00360	-.09800	.67500	3.59140
.201	5.970	.30480	.08130	-.02580	.31100	.05267	.01900	.00100	-.14300	.68200	3.74908
.201	8.000	.30940	.07720	-.03060	.31520	.04814	.02590	-.00240	-.19000	.68800	4.00777
.201	9.970	.31440	.07250	-.03540	.31980	.04300	.03360	-.00680	-.23900	.69300	4.33655

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ080)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = -10.000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 80/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.970	.31820	.06770	-.03300	.32310	.03787	.02130	-.00240	.01100	.68900	4.70015
.201	-1.970	.31620	.06970	-.03090	.32130	.04005	.02480	-.00580	-.02800	.68700	4.53659
.201	-1.000	.31610	.06990	-.03140	.32130	.04022	.02750	-.00710	-.04900	.68800	4.52217
.201	.000	.31810	.06980	-.03290	.32320	.04001	.02940	-.00740	-.06900	.68900	4.55731
.201	1.000	.31760	.06830	-.03300	.32260	.03855	.03340	-.00750	-.09300	.68900	4.65007
.201	1.990	.31940	.06740	-.03460	.32430	.03745	.03570	-.00790	-.11500	.69100	4.73887
.201	3.980	.32360	.06530	-.03870	.32830	.03492	.04080	-.01020	-.15800	.69500	4.95559
.201	5.970	.32650	.06270	-.04420	.33090	.03213	.04570	-.01310	-.20200	.70100	5.20734
.201	8.020	.32730	.05790	-.04600	.33130	.02724	.05000	-.01540	-.24400	.70300	5.65285
.201	9.980	.33060	.05550	-.05140	.33440	.02456	.05320	-.01780	-.28200	.70800	5.95676

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ081)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = 10.000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 81/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.48560	.08090	-.11660	.49110	.03446	-.00520	.01100	.07300	.73900	6.00247
.201	-1.980	.48300	.08220	-.11310	.48860	.03597	-.00170	.00600	.03200	.73700	5.87591
.201	-1.000	.48240	.08190	-.11270	.48800	.03568	.00050	.00420	.01100	.73700	5.89011
.201	.000	.48070	.08190	-.11290	.48630	.03586	.00330	.00290	-.01000	.73700	5.86935
.201	.990	.48180	.08220	-.11300	.48740	.03607	.00570	.00150	-.03200	.73700	5.86131
.201	1.990	.48090	.08160	-.11390	.48650	.03559	.00960	.00030	-.05500	.73800	5.89338
.201	3.990	.48250	.07950	-.11540	.48780	.03340	.01580	-.00270	-.10100	.73900	6.06918
.201	5.980	.48390	.07690	-.11840	.48900	.03068	.02140	-.00540	-.14700	.74100	6.29259
.201	8.040	.48470	.07260	-.12200	.48940	.02637	.02780	-.00700	-.19500	.74400	6.67631
.201	10.000	.48470	.06910	-.12550	.48910	.02291	.03300	-.00950	-.23900	.74600	7.01447

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ082)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = 10.000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 82/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.30050	.06980	-.02470	.30570	.04166	.01280	.04350	.00900	.68200	4.30516
.201	-1.990	.30100	.07080	-.02420	.30630	.04259	.01650	.04020	-.02800	.68100	4.25141
.201	-1.010	.29880	.07110	-.02440	.30420	.04312	.01900	.03900	-.05000	.68100	4.20253
.201	.000	.30290	.07090	-.02710	.30810	.04248	.02160	.03790	-.07100	.68400	4.27221
.201	.990	.30390	.06980	-.02800	.30900	.04133	.02500	.03700	-.09400	.68500	4.35387
.201	1.980	.30750	.06990	-.03220	.31270	.04103	.02770	.03620	-.11600	.69000	4.39914
.201	3.980	.31130	.06740	-.03740	.31620	.03822	.03300	.03350	-.15900	.69500	4.61869
.201	5.970	.31640	.06390	-.04340	.32100	.03433	.03820	.03050	-.20200	.70200	4.95149
.201	8.010	.32420	.06050	-.05150	.32840	.03013	.04300	.02820	-.24500	.71000	5.35868
.201	9.980	.32870	.05820	-.05720	.33270	.02749	.04600	.02560	-.28200	.71500	5.64777

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ083)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 83/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.150	-.12360	.06170	-.04410	-.12780	.05264	.00610	.00720	-.02100	.52500	-2.00324
.201	.060	.07540	.05410	-.04240	.07540	.05407	.00590	.00650	-.01800	.85900	1.39372
.201	4.260	.26720	.05880	-.03710	.27090	.03881	.00610	.00660	-.01700	.70200	4.54422
.201	8.480	.46760	.07810	-.03620	.47410	.00825	.00560	.00630	-.01500	.68000	5.98720
.201	12.690	.67330	.12460	-.03540	.68420	-.02634	.00500	.00640	-.01200	.67100	5.40369
.201	16.970	.92390	.21140	-.04980	.94540	-.06748	.00650	.00540	-.01500	.67100	4.37039
.201	21.230	1.16390	.36280	-.07260	1.21630	-.08343	.00720	.00790	-.01300	.67400	3.20810
.201	25.470	1.34930	.55450	-.09600	1.45660	-.07988	.00450	.00720	-.00900	.67600	2.43336

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ084)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 84/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.08280	.05370	-.04850	.08290	.05362	-.00620	.00930	.06900	.86700	1.54190
.201	-2.010	.08080	.05650	-.04600	.08090	.05650	-.00020	.00820	.02200	.86100	1.43009
.201	-1.010	.07980	.05710	-.04540	.07980	.0571.	.00270	.00790	.00100	.86100	1.39755
.201	.000	.08010	.05710	-.04560	.08020	.05708	.00610	.00740	-.02200	.86100	1.40280
.201	.980	.07910	.05590	-.04420	.07920	.05590	.01040	.00750	-.04700	.85700	1.41503
.201	1.980	.07800	.05490	-.04520	.07810	.05482	.01370	.00690	-.06900	.86500	1.42077
.201	3.970	.08170	.05220	-.04910	.08180	.05213	.02090	.00610	-.11800	.87300	1.56513
.201	5.970	.08360	.04840	-.05200	.08360	.04834	.02630	.00540	-.16100	.88000	1.72727
.201	7.970	.08720	.04380	-.05490	.08720	.04376	.03050	.00460	-.20200	.88400	1.99087
.201	10.000	.08900	.03900	-.05730	.08900	.03898	.03400	.00410	-.24300	.88900	2.28205

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 (RFJ085)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 1.000

RUN NO. 85/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.32830	.06330	-.04170	.33270	.03265	-.00450	.01250	.06700	.69800	5.18641
.201	-2.010	.32480	.06520	-.03860	.32940	.03489	-.00130	.00840	.02900	.69500	4.98160
.201	-1.010	.32420	.06530	-.03780	.32890	.03510	.00150	.00740	.00600	.69400	4.96478
.201	.000	.32300	.06550	-.03810	.32770	.03537	.00440	.00620	-.01600	.69500	4.93130
.201	.980	.32470	.06430	-.03890	.32920	.03404	.00850	.00580	-.04000	.69500	5.04977
.201	1.970	.32410	.06370	-.03920	.32860	.03344	.01110	.00480	-.06200	.69600	5.08791
.201	3.970	.32630	.06200	-.04330	.33060	.03156	.01680	.00230	-.10600	.70000	5.26290
.201	5.970	.32820	.05990	-.04690	.33230	.02934	.02130	-.00020	-.15000	.70400	5.47913
.201	8.040	.33050	.05620	-.05110	.33430	.02538	.02610	-.00270	-.19300	.70800	5.88078
.201	9.990	.33330	.05190	-.05470	.33670	.02088	.03050	-.00580	-.23300	.71200	6.42197

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ086)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 86/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.140	-.12040	.06720	-.04300	-.12500	.05834	.00690	.00790	-.02500	.52500	-1.79167
.201	.060	.07960	.05950	-.04190	.07970	.05946	.00640	.00700	-.02200	.84500	1.33782
.201	4.260	.27440	.06430	-.03710	.27840	.04381	.00640	.00720	-.02000	.70100	4.26750
.201	8.480	.46630	.08350	-.03580	.47350	.01375	.00530	.00650	-.01500	.68000	5.58443
.201	12.690	.67170	.12980	-.03430	.68380	-.02098	.00490	.00680	-.01400	.67000	5.17488
.201	16.960	.92030	.21690	-.04970	.94350	-.06096	.00650	.00610	-.01500	.67100	4.24297
.201	21.230	1.16510	.37160	-.07350	1.22060	-.07563	.00760	.00890	-.01400	.67400	3.13536
.201	25.480	1.34310	.55880	-.09230	1.45290	-.07333	.00430	.00680	-.00800	.67500	2.40354

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ087)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 87/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.08420	.05730	-.04630	.08420	.05724	-.00590	.00940	.06800	.85400	1.46946
.201	-2.000	.08110	.06040	-.04480	.08120	.06036	-.00100	.00790	.02500	.85500	1.34272
.201	-1.010	.07920	.06100	-.04350	.07930	.06094	.00200	.00730	.00200	.85400	1.29836
.201	.000	.07820	.06070	-.04290	.07830	.06070	.00530	.00690	-.02000	.85300	1.28830
.201	.990	.07680	.05940	-.04300	.07680	.05937	.01020	.00730	-.04600	.85800	1.29293
.201	1.980	.07890	.05860	-.04400	.07900	.05851	.01370	.00690	-.07000	.85700	1.34642
.201	3.980	.07990	.05600	-.04610	.08000	.05591	.02080	.00600	-.11700	.86400	1.42679
.201	5.980	.08270	.05240	-.04910	.08270	.05231	.02580	.00550	-.16000	.87000	1.57824
.201	8.000	.08580	.04690	-.05190	.08590	.04687	.03040	.00440	-.20200	.87400	1.82942
.201	9.990	.08630	.04340	-.05310	.08640	.04333	.03320	.00390	-.24000	.87800	1.98848

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ088)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRF = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 88/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.32440	.06670	-.03920	.32920	.03623	-.00450	.01220	.06600	.69600	4.86357
.201	-2.000	.32030	.06850	-.03700	.32530	.03845	-.00110	.00850	.02700	.69400	4.67591
.201	-.990	.31930	.06890	-.03710	.32440	.03890	.00150	.00720	.00500	.69400	4.63425
.201	.000	.31980	.06900	-.03680	.32480	.03899	.00420	.00620	-.01500	.69400	4.63478
.201	.980	.31890	.06760	-.03700	.32390	.03773	.00830	.00560	-.03900	.69400	4.71746
.201	1.980	.31820	.06700	-.03820	.32310	.03712	.01080	.00460	-.06000	.69500	4.74925
.201	3.980	.32150	.06490	-.04090	.32620	.03480	.01660	.00240	-.10600	.69800	4.95378
.201	5.980	.32270	.06340	-.04440	.32720	.03320	.02050	-.00040	-.14700	.70200	5.08991
.201	7.980	.32660	.05940	-.04880	.33070	.02882	.02530	-.00290	-.19000	.70600	5.49832
.201	10.000	.33040	.05580	-.05300	.33410	.02495	.02920	-.00570	-.23100	.71000	5.92115

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ089)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 89/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.56440	.10220	-.03890	.57350	-.00313	-.00200	.01530	.06400	.67700	5.52250
.201	-2.000	.55910	.10270	-.03460	.56850	-.00161	-.00030	.01050	.02700	.67400	5.44401
.201	-1.000	.55870	.10240	-.03400	.56800	-.00188	.00160	.00810	.00700	.67400	5.45605
.201	.000	.55920	.10220	-.03520	.56850	-.00219	.00340	.00560	-.01200	.67500	5.47162
.201	.980	.55880	.10200	-.03460	.56810	-.00226	.00510	.00360	-.03100	.67400	5.47843
.201	1.980	.56080	.10190	-.03680	.56990	-.00276	.00770	.00160	-.05300	.67600	5.50343
.201	3.980	.56480	.10100	-.04100	.57370	-.00435	.01170	-.00240	-.09400	.67800	5.59208
.201	5.980	.56850	.09880	-.04440	.57700	-.00724	.01520	-.00590	-.13400	.68000	5.75405
.201	7.980	.57280	.09610	-.05010	.58070	-.01063	.02070	-.01010	-.17800	.68400	5.96046
.201	10.000	.57570	.09340	-.05410	.58300	-.01376	.02640	-.01370	-.22400	.68600	6.16381

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ090)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ALPHA =	15.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	.000
RUDDER =	.000	BDFLAP =	-11.700
SIM =	4.000		

RUN NO. 90/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.85770	.19140	-.04950	.87720	-.05148	-.00180	.01580	.06800	.67300	4.48119
.201	-2.010	.85500	.19320	-.04840	.87520	-.04897	-.00080	.01020	.03100	.67200	4.42547
.201	-1.000	.85710	.19340	-.04690	.87720	-.04949	.00110	.00750	.01000	.67200	4.43175
.201	-.010	.85430	.19230	-.04670	.87430	-.04971	.00380	.00510	-.01100	.67100	4.44254
.201	.980	.85580	.19200	-.04740	.87560	-.05036	.00640	.00250	-.03300	.67200	4.45729
.201	1.970	.85970	.19230	-.04730	.87950	-.05128	.00880	.00000	-.05400	.67200	4.47062
.201	3.980	.86060	.18970	-.04940	.87960	-.05396	.01310	-.00520	-.09700	.67300	4.53664
.201	5.970	.85800	.18690	-.05100	.87640	-.05592	.01480	-.01040	-.13200	.67300	4.59069
.201	8.030	.86850	.18660	-.06270	.88630	-.05885	.01810	-.01470	-.17300	.67800	4.65434
.201	9.970	.87480	.18610	-.07250	.89230	-.06103	.02350	-.01920	-.21800	.68200	4.70070

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ091)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ALPHA =	20.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	.000
RUDDER =	.000	BDFLAP =	-11.700
SIM =	4.000		

RUN NO. 91/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	1.15340	.36650	-.07050	1.20780	-.07631	.00120	.02230	.06600	.67300	3.14707
.201	-1.980	1.15820	.37050	-.07130	1.21380	-.07448	.00320	.01600	.02800	.67300	3.12605
.201	-1.010	1.16120	.37200	-.07350	1.21710	-.07416	.00380	.01250	.00800	.67400	3.12151
.201	.000	1.16580	.37440	-.07560	1.22220	-.07367	.00580	.00890	-.01100	.67500	3.11378
.201	.990	1.16230	.37300	-.07600	1.21850	-.07367	.00830	.00530	-.03400	.67500	3.11609
.201	1.980	1.16250	.37220	-.07670	1.21850	-.07446	.01010	.00220	-.05500	.67500	3.12359
.201	3.980	1.15970	.36790	-.07580	1.21420	-.07737	.01510	-.00300	-.09800	.67500	3.15222
.201	5.970	1.15510	.36340	-.07780	1.20830	-.07966	.01770	-.00860	-.13600	.67600	3.17859
.201	8.040	1.16880	.36510	-.09200	1.22170	-.08314	.01940	-.01360	-.17100	.68000	3.20131
.201	10.010	1.18270	.36980	-.10520	1.23630	-.08403	.02550	-.01810	-.22000	.68300	3.19822

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ092)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	.000
RUDDER =	.000	BDFLAP =	-11.700
SIM =	7.000		

RUN NO. 92/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.070	-.10660	.06620	-.04150	-.11110	.05854	.00720	.00770	-.02600	.51400	-1.61027
.201	.060	.08460	.05890	-.03930	.08470	.05890	.00740	.00760	-.02200	.82300	1.43633
.201	4.270	.27360	.06330	-.03630	.27760	.04279	.00690	.00760	-.02000	.70000	4.32227
.201	8.470	.46740	.08270	-.03600	.47450	.01294	.00540	.00690	-.01600	.68000	5.65175
.201	12.680	.67250	.13150	-.03540	.68490	-.01940	.00390	.00690	-.01100	.67100	5.11407
.201	16.950	.91660	.21860	-.05160	.94050	-.05808	.00640	.00680	-.01600	.67200	4.19305
.201	21.210	1.15210	.36590	-.07560	1.20640	-.07586	.00570	.00980	-.01100	.67500	3.14867
.201	25.440	1.33070	.55060	-.09530	1.43820	-.07451	.00380	.00920	-.00900	.67600	2.41682

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ093)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ALPHA =	.000	ELEVON =	.000
AILRON =	.000	SPDBRK =	.000
RUDDER =	.000	BDFLAP =	-11.700
SIM =	7.000		

RUN NO. 93/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.010	.08260	.05940	-.04050	.08270	.05935	.00420	.00950	.00200	.83200	1.39057
.201	.000	.08380	.05950	-.04040	.08380	.05948	.00540	.00700	-.01800	.82900	1.40840
.201	.990	.08130	.05900	-.04070	.08140	.05890	.00960	.00610	-.04600	.83600	1.37797
.201	1.980	.08420	.05800	-.04190	.08430	.05796	.01290	.00400	-.07100	.83500	1.45172
.201	4.020	.08890	.05620	-.04590	.08890	.05610	.01820	-.00090	-.12000	.84200	1.58185
.201	5.960	.09710	.05300	-.05090	.09710	.05286	.02190	-.00550	-.17100	.84500	1.83208
.201	7.990	.10670	.04930	-.05430	.10680	.04916	.02560	-.01030	-.21600	.83900	2.16430
.201	9.980	.11950	.04580	-.05850	.11960	.04564	.02810	-.01530	-.25900	.83200	2.60917

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ094)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 94/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-.970	.31890	.06740	-.03640	.32380	.03745	.00210	.00880	.00500	.69300	4.73145
.201	.010	.31580	.06750	-.03590	.32070	.03792	.00390	.00610	-.01500	.69300	4.67852
.201	1.010	.31780	.06710	-.03700	.32260	.03729	.00550	.00410	-.03500	.69400	4.73621
.201	2.010	.31850	.06590	-.03870	.32330	.03608	.01020	.00230	-.06200	.69600	4.83308
.201	4.030	.32420	.06520	-.04180	.32890	.03479	.01400	-.00380	-.10700	.69900	4.97239
.201	6.000	.33080	.06430	-.04520	.33540	.03324	.01600	-.01100	-.14900	.70200	5.14463
.201	8.070	.34160	.06160	-.05210	.34590	.02957	.02020	-.01720	-.19400	.70700	5.54545
.201	9.990	.35510	.06010	-.05820	.35920	.02675	.02300	-.02320	-.23500	.71100	5.90849

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ095)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 95/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.020	.57310	.10430	-.03530	.58250	-.00292	.00250	.00970	.00700	.67400	5.49473
.201	-.010	.57370	.10450	-.03590	.58310	-.00285	.00390	.00620	-.01200	.67400	5.48995
.201	.990	.56930	.10360	-.03450	.57870	-.00284	.00400	.00240	-.03000	.67400	5.49517
.201	1.980	.57160	.10390	-.03770	.58100	-.00297	.00750	-.00040	-.05400	.67600	5.50144
.201	4.010	.57820	.10410	-.04180	.58750	-.00407	.00820	-.00810	-.08800	.67800	5.55427
.201	5.960	.58670	.10320	-.04670	.59570	-.00660	.01190	-.01580	-.12700	.68100	5.68508
.201	8.000	.59570	.10140	-.05430	.60420	-.00998	.01500	-.02370	-.17100	.68500	5.87475
.201	9.980	.60970	.10080	-.06000	.61790	-.01326	.01950	-.03080	-.21300	.68800	6.04861

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ096)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 96/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.000	.86350	.19640	-.05040	.88420	-.04962	.00110	.00880	.01000	.67300	4.39664
.201	.000	.85880	.19570	-.04910	.87950	-.04896	.00360	.00620	-.01200	.67200	4.38835
.201	.990	.85750	.19490	-.04850	.87800	-.04937	.00630	.00280	-.03300	.67200	4.39969
.201	1.980	.85900	.19500	-.05070	.87950	-.04969	.00860	-.00070	-.05300	.67300	4.40513
.201	3.980	.86020	.19340	-.05080	.88020	-.05155	.01170	-.00920	-.09200	.67300	4.44778
.201	5.980	.86130	.19120	-.05610	.88070	-.05387	.01170	-.01820	-.12400	.67500	4.50471
.201	8.020	.87500	.19220	-.06560	.89410	-.05678	.01560	-.02650	-.16200	.67900	4.55255
.201	9.970	.88570	.19230	-.07490	.90440	-.05968	.02050	-.03460	-.20200	.68200	4.60582

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ097)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 97/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.000	1.16020	.37320	-.07570	1.21640	-.07507	.00220	.01360	.01000	.67500	3.10879
.201	.000	1.16090	.37290	-.07870	1.21700	-.07548	.00310	.00960	-.00600	.67600	3.11317
.201	1.030	1.15320	.37000	-.07720	1.20880	-.07522	.00610	.00620	-.02900	.67500	3.11676
.201	1.990	1.15300	.37040	-.07700	1.20880	-.07484	.00780	.00260	-.04900	.67500	3.11285
.201	3.980	1.15080	.36490	-.07460	1.20470	-.07919	.01500	-.00600	-.09000	.67500	3.15374
.201	5.980	1.14650	.36040	-.07700	1.19910	-.08153	.01720	-.01460	-.12300	.67500	3.18119
.201	8.030	1.15580	.36090	-.08890	1.20790	-.08436	.01680	-.02290	-.15500	.67900	3.20255
.201	10.010	1.16710	.36140	-.09840	1.21860	-.08805	.02210	-.03210	-.19900	.68200	3.22939

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ098)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000
SIM = 7.000

RUN NO. 98/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.000	.34280	.07280	-.04520	.34330	.07070	-.00010	.00940	.00900	.70000	4.70879
.201	.000	.34170	.07300	-.04400	.34220	.07088	.00280	.00640	-.01300	.69900	4.68082
.201	.990	.34030	.07230	-.04450	.34070	.07027	.00630	.00290	-.03600	.70000	4.70678
.201	1.990	.34340	.07160	-.04660	.34390	.06950	.01050	.00000	-.06100	.70200	4.79609
.201	3.980	.34250	.07000	-.04930	.34300	.06797	.01640	-.00710	-.10900	.70500	4.89286
.201	5.980	.35240	.06940	-.05410	.35290	.06722	.02060	-.01590	-.15100	.70800	5.07781
.201	7.980	.36370	.06700	-.05950	.36420	.06466	.02530	-.02400	-.19600	.71200	5.42836
.201	10.010	.37540	.06630	-.06790	.37580	.06391	.02960	-.03130	-.24100	.71800	5.66214

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ099)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300
SIM = 7.000

RUN NO. 99/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.010	.37640	.09070	-.05810	.37700	.08823	-.00050	.00950	.01000	.70900	4.14994
.201	.000	.37610	.09120	-.05830	.37670	.08871	.00100	.00600	-.00800	.70900	4.12390
.201	1.010	.37520	.09080	-.05870	.37570	.08840	.00630	.00270	-.03600	.70900	4.13216
.201	1.970	.37300	.08910	-.05920	.37360	.08668	.01010	-.00070	-.05900	.71000	4.18631
.201	3.970	.37650	.08860	-.06170	.37700	.08612	.01630	-.00790	-.10600	.71200	4.24944
.201	5.970	.38540	.08790	-.06900	.38600	.08532	.02150	-.01640	-.15300	.71800	4.38453
.201	7.970	.39310	.08480	-.07400	.39370	.08215	.02570	-.02450	-.19900	.72100	4.63561
.201	9.990	.40920	.08240	-.08550	.40970	.07965	.03090	-.03190	-.24700	.72900	4.96602

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ100)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = 10.000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 100/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.010	.48410	.08540	-.11740	.48470	.08160	.00170	.00750	.00700	.74100	5.66862
.201	.000	.48400	.08570	-.11740	.48470	.08189	.00380	.00380	-.01200	.74100	5.64761
.201	.970	.48480	.08640	-.11770	.48550	.08258	.00480	.00000	-.03200	.74100	5.61111
.201	1.960	.48360	.08550	-.11860	.48430	.08173	.00840	-.00250	-.05500	.74200	5.65614
.201	3.960	.48620	.08440	-.12150	.48680	.08058	.01520	-.01050	-.10300	.74400	5.76066
.201	5.960	.49340	.08270	-.12490	.49410	.07883	.02060	-.01900	-.15000	.74500	5.96614
.201	8.020	.50770	.08030	-.13110	.50840	.07616	.02570	-.02840	-.19200	.74700	6.32254
.201	9.970	.51150	.07920	-.13640	.51220	.07503	.02890	-.03510	-.23700	.75000	6.45833

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ101)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = 10.000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 7.000

RUN NO. 101/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-1.020	.30540	.07560	-.02650	.30580	.07387	.01720	.04150	-.05200	.68400	4.03968
.201	-.010	.30440	.07570	-.02700	.30480	.07402	.01880	.03780	-.07200	.68500	4.02114
.201	.980	.30840	.07550	-.03020	.30890	.07375	.02180	.03460	-.09400	.68800	4.08477
.201	1.970	.31060	.07470	-.03370	.31100	.07298	.02460	.03150	-.11600	.69200	4.15797
.201	3.960	.32170	.07470	-.04140	.32210	.07284	.03000	.02420	-.16300	.69900	4.30656
.201	5.960	.33020	.07160	-.04860	.33060	.06974	.03380	.01620	-.20800	.70600	4.61173
.201	8.020	.34300	.06920	-.05760	.34340	.06722	.03670	.00760	-.25000	.71400	4.95665
.201	9.990	.36120	.07020	-.06350	.36160	.06797	.03860	-.00030	-.28600	.71600	5.14530

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ102)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 102/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.150	-.11520	.06600	-.04480	-.11960	.05749	.00650	.00860	-.02300	.51400	-1.74545
.201	.060	.08150	.05850	-.04300	.08160	.05847	.00610	.00770	-.02100	.84600	1.39316
.201	4.270	.27750	.06340	-.03880	.28140	.04262	.00630	.00760	-.01900	.70300	4.37697
.201	8.480	.46920	.08320	-.03900	.47630	.01313	.00550	.00720	-.01700	.68200	5.63942
.201	12.690	.67270	.12930	-.03880	.68470	-.02168	.00560	.00760	-.01500	.67300	5.20263
.201	16.970	.92370	.21720	-.05450	.94690	-.06185	.00500	.00700	-.01300	.67300	4.25276
.201	21.230	1.15530	.36440	-.07980	1.20890	-.07870	.00690	.00960	-.01400	.67600	3.17042
.201	25.470	1.34460	.55640	-.09850	1.45320	-.07612	.00490	.00840	-.01100	.67700	2.41661

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ103)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 103/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.08580	.05620	-.04760	.08590	.05611	-.00660	.01000	.07000	.85600	1.52669
.201	-2.000	.08320	.05860	-.04510	.08320	.05856	-.00040	.00890	.02500	.85100	1.41980
.201	-1.010	.08250	.05930	-.04390	.08250	.05923	.00210	.00800	.00300	.84800	1.39123
.201	.000	.08210	.05800	-.04250	.08220	.05798	.00710	.00810	-.02200	.84200	1.41552
.201	.990	.07990	.05790	-.04280	.07990	.05784	.01010	.00790	-.04600	.84900	1.37997
.201	1.990	.08360	.05690	-.04440	.08360	.05679	.01340	.00750	-.06900	.84700	1.46924
.201	3.970	.08300	.05440	-.04660	.08310	.05429	.01920	.00660	-.11300	.85800	1.52574
.201	5.970	.08360	.05100	-.04990	.08370	.05099	.02590	.00620	-.15900	.87100	1.63922
.201	7.970	.08670	.04810	-.05330	.08670	.04905	.02820	.00470	-.19600	.87800	1.80249
.201	9.960	.08780	.04330	-.05480	.08790	.04326	.03280	.00470	-.23900	.88100	2.02771

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ104)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 104/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.31890	.06530	-.04120	.32350	.03598	-.00420	.01250	.06600	.69900	4.88361
.201	-1.980	.31780	.06680	-.03960	.32260	.03755	-.00090	.00910	.02700	.69700	4.75748
.201	-1.010	.31680	.06690	-.03850	.32160	.03766	.00040	.00750	.00700	.69600	4.73543
.201	.000	.31710	.06710	-.03950	.32190	.03788	.00310	.00640	-.01200	.69700	4.72578
.201	.990	.31790	.06570	-.03900	.32260	.03645	.00850	.00640	-.04000	.69600	4.83866
.201	1.980	.31800	.06530	-.03900	.32270	.03598	.01020	.00530	-.06000	.69600	4.86983
.201	3.980	.31960	.06410	-.04350	.32410	.03469	.01600	.00280	-.10500	.70100	4.98596
.201	5.970	.32070	.06180	-.04660	.32500	.03226	.02000	.00000	-.14700	.70500	5.18932
.201	7.980	.32250	.05830	-.05030	.32650	.02871	.02600	-.00210	-.19200	.70900	5.53173
.201	9.990	.32450	.05490	-.05400	.32820	.02504	.02980	-.00460	-.23100	.71200	5.91075

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ105)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 105/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.56980	.10240	-.03990	.57890	-.00253	-.00120	.01670	.06100	.67700	5.56445
.201	-1.980	.56880	.10300	-.03970	.57810	-.00177	-.00030	.01070	.02800	.67700	5.52233
.201	-1.010	.56840	.10280	-.03840	.57760	-.00190	.00130	.00840	.00800	.67600	5.52918
.201	.000	.56560	.10190	-.03740	.57470	-.00227	.00370	.00610	-.01200	.67600	5.55054
.201	.980	.56840	.10260	-.03960	.57760	-.00204	.00560	.00400	-.03300	.67700	5.53996
.201	1.970	.56980	.10230	-.04060	.57890	-.00264	.00730	.00160	-.05200	.67800	5.56989
.201	3.980	.57240	.10080	-.04240	.58120	-.00456	.01200	-.00260	-.09400	.67900	5.67857
.201	5.970	.57400	.09890	-.04640	.58240	-.00675	.01530	-.00630	-.13400	.68100	5.80384
.201	7.980	.57810	.09600	-.05170	.58590	-.01032	.02090	-.01010	-.18000	.68400	6.02188
.201	10.000	.58090	.09360	-.05820	.58830	-.01313	.02690	-.01380	-.22500	.68800	6.20620

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ106)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 106/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.85930	.19090	-.05290	.87880	-.04947	-.00260	.01700	.06800	.67400	4.50131
.201	-1.990	.85320	.19190	-.05010	.87330	-.04679	.00030	.01160	.02700	.67300	4.44607
.201	-1.010	.85880	.19230	-.05170	.87880	-.04801	.00160	.00890	.00700	.67300	4.46594
.201	.000	.85630	.19210	-.05170	.87630	-.04756	.00380	.00580	-.01100	.67400	4.45757
.201	1.010	.85550	.19100	-.05040	.87520	-.04834	.00720	.00370	-.03400	.67300	4.47906
.201	1.970	.85850	.19140	-.05260	.87830	-.04883	.00960	.00150	-.05800	.67400	4.48537
.201	3.980	.85560	.18820	-.05280	.87460	-.05096	.01410	-.00350	-.09900	.67400	4.54623
.201	5.960	.85500	.18550	-.05650	.87330	-.05339	.01720	-.00830	-.13700	.67600	4.60916
.201	7.980	.86080	.18460	-.06730	.87860	-.05571	.01880	-.01250	-.17300	.68000	4.66306
.201	9.970	.87430	.18530	-.07750	.89180	-.05887	.02450	-.01760	-.22000	.68400	4.71829

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ107)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 107/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	1.14150	.37970	-.08150	1.20150	-.05910	-.00840	.01600	.08400	.67700	3.00632
.201	-1.990	1.14860	.38100	-.08080	1.20870	-.06063	-.00530	.01100	.04300	.67600	3.01470
.201	-1.010	1.15320	.36460	-.07700	1.20700	-.07766	.00380	.01190	.00900	.67500	3.16292
.201	.000	1.15830	.36640	-.07880	1.21240	-.07786	.00420	.00880	-.00800	.67600	3.16130
.201	.980	1.15400	.36440	-.07880	1.20770	-.07810	.00650	.00530	-.03000	.67600	3.16685
.201	1.980	1.15460	.36450	-.07930	1.20820	-.07822	.00810	.00260	-.05100	.67600	3.16763
.201	3.980	1.14950	.35890	-.07650	1.20140	-.08149	.01440	-.00250	-.09600	.67500	3.20284
.201	5.970	1.14950	.35710	-.08130	1.20080	-.08307	.01810	-.00710	-.13800	.67700	3.21899
.201	7.980	1.15880	.35880	-.09360	1.21010	-.08484	.02020	-.01180	-.17400	.68000	3.22965
.201	10.000	1.17670	.36260	-.11140	1.22820	-.08786	.02760	-.01740	-.22400	.68500	3.24517

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ108)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 108/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.70320	.13800	-.06240	.70490	.12889	-.00850	.02110	.06800	.68400	5.09565
.201	-1.990	.69930	.13870	-.05910	.70110	.12963	-.00480	.01320	.03100	.68300	5.04182
.201	-1.010	.69900	.14020	-.05850	.70080	.13116	-.00220	.00940	.01100	.68300	4.98573
.201	.000	.69890	.13990	-.05820	.70060	.13084	.00170	.00540	-.01000	.68200	4.99571
.201	.990	.70100	.13990	-.05940	.70280	.13082	.00510	.00170	-.03100	.68300	5.01072
.201	1.980	.70050	.13860	-.05970	.70220	.12952	.00970	-.00210	-.05400	.68300	5.05411
.201	3.990	.70590	.13700	-.06400	.70770	.12784	.01540	-.01020	-.09400	.68500	5.15255
.201	5.970	.70730	.13470	-.06910	.70900	.12556	.02100	-.01780	-.13300	.68800	5.25093
.201	7.980	.71560	.13320	-.07850	.71720	.12395	.02750	-.02530	-.17500	.69200	5.37237
.201	9.980	.72200	.13160	-.08510	.72360	.12225	.03410	-.03340	-.21900	.69500	5.48632

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ109)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 109/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.85340	.19110	-.07830	.86310	.14124	-.00870	.02140	.07000	.68500	4.46572
.201	-1.980	.85240	.19250	-.07810	.86210	.14277	-.00470	.01280	.03300	.68500	4.42805
.201	-1.000	.85040	.19180	-.07470	.86010	.14224	-.00120	.00870	.01100	.68400	4.43379
.201	.000	.84940	.19140	-.07540	.85910	.14192	.00230	.00470	-.01000	.68400	4.43783
.201	.990	.85170	.19170	-.07660	.86140	.14208	.00600	.00110	-.03200	.68500	4.44288
.201	1.980	.85150	.19090	-.07720	.86110	.14129	.00980	-.00270	-.05500	.68500	4.46045
.201	3.980	.84930	.18810	-.07880	.85870	.13870	.01630	-.01080	-.09500	.68600	4.51515
.201	5.980	.85370	.18630	-.08380	.86310	.13658	.02100	-.01870	-.13400	.68800	4.58239
.201	7.980	.85990	.18530	-.09210	.86910	.13528	.02570	-.02530	-.17300	.69100	4.64058
.201	9.990	.86870	.18490	-.10500	.87800	.13434	.03340	-.03350	-.21800	.69600	4.69822

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ110)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 17.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 4.000

RUN NO. 110/ ' RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	1.01050	.26270	-.09730	1.03230	.15660	-.00840	.02650	.06900	.68700	3.84659
.201	-1.960	1.01070	.26380	-.09460	1.03260	.15759	-.00400	.01630	.03100	.68600	3.83131
.201	-1.000	1.01310	.26390	-.09580	1.03500	.15752	-.00110	.01140	.01100	.68600	3.83895
.201	.000	1.01240	.26360	-.09500	1.03430	.15724	.00220	.00640	-.00900	.68600	3.84067
.201	.990	1.01210	.26310	-.09720	1.03390	.15677	.00510	.00160	-.03000	.68600	3.84683
.201	1.980	1.01080	.26260	-.09760	1.03260	.15656	.00790	-.00300	-.04900	.68700	3.84920
.201	3.980	1.00860	.26040	-.09830	1.03020	.15459	.01410	-.01210	-.08900	.68700	3.87327
.201	5.970	1.00440	.25720	-.10010	1.02570	.15190	.01900	.02100	-.12700	.68800	3.90513
.201	7.980	1.01510	.25890	-.11440	1.03650	.15251	.02310	-.02830	-.16400	.69200	3.92082
.201	9.980	1.02850	.26090	-.12800	1.05000	.15308	.03100	-.03660	-.21100	.69700	3.94212

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ111)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 17.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000
SIM = 4.000

RUN NO. 111/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	1.01700	.27090	-.09760	1.03960	.16390	-.01070	.02640	.07400	.68600	3.75415
.201	-1.990	1.02250	.27400	-.09890	1.04540	.16618	-.00570	.01630	.03600	.68700	3.73175
.201	-1.000	1.02000	.27220	-.09930	1.04270	.16481	-.00300	.01110	.01600	.68700	3.74724
.201	.000	1.02030	.27210	-.09930	1.04310	.16459	.00040	.00630	-.00600	.68700	3.74972
.201	1.020	1.02170	.27200	-.09910	1.04440	.16434	.00370	.00130	-.02700	.68700	3.75625
.201	1.980	1.01940	.27170	-.10040	1.04210	.16433	.00690	-.00350	-.04800	.68700	3.75193
.201	3.980	1.01820	.26970	-.10230	1.04070	.16251	.01400	-.01260	-.08900	.68800	3.77531
.201	5.970	1.01850	.26730	-.10580	1.04080	.16021	.01920	-.02120	-.12800	.68900	3.81033
.201	7.980	1.02660	.26880	-.11710	1.04890	.16091	.02510	-.02880	-.16800	.69300	3.81920
.201	10.010	1.03750	.27070	-.13110	1.06000	.16167	.03430	-.03700	-.21700	.69700	3.83266

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ112)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000
SIM = 4.000

RUN NO. 112/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.86610	.20110	-.08210	.87620	.15113	-.01140	.02210	.07500	.68600	4.30681
.201	-1.980	.86580	.20220	-.08060	.87600	.15217	-.00640	.01320	.03700	.68600	4.28190
.201	-1.000	.86670	.20230	-.07810	.87690	.15215	-.00320	.00930	.01500	.68500	4.28423
.201	.000	.86520	.20180	-.07860	.87530	.15170	.00060	.00500	-.00700	.68500	4.28741
.201	.990	.86880	.20220	-.08170	.87900	.15189	.00470	.00120	-.03000	.68600	4.29674
.201	1.990	.86470	.20040	-.08060	.87480	.15046	.00920	-.00290	-.05300	.68600	4.31487
.201	3.980	.86710	.19920	-.08430	.87710	.14909	.01640	-.01080	-.09600	.68700	4.35291
.201	5.980	.86960	.19700	-.08840	.87950	.14688	.02150	-.01910	-.13500	.68900	4.41421
.201	7.980	.87630	.19650	-.09910	.88610	.14601	.02800	-.02600	-.17800	.69300	4.45954
.201	10.000	.88660	.19690	-.11090	.89650	.14576	.03730	-.03390	-.22600	.69700	4.50279

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 (RFJ113)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = .000
SIM = 4.000

RUN NO. 113/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.72250	.14880	-.06560	.72420	.14070	-.01130	.02210	.07300	.68500	4.85551
.201	-1.980	.71860	.14940	-.06360	.72030	.14140	-.00730	.01380	.03600	.68400	4.80991
.201	-1.000	.71890	.14950	-.06290	.72060	.14142	-.00330	.00980	.01400	.68400	4.80870
.201	.000	.71850	.14940	-.06310	.72010	.14138	.00070	.00610	-.00800	.68400	4.80924
.201	.990	.71400	.14820	-.06090	.71560	.14023	.00470	.00210	-.03000	.68300	4.81781
.201	1.980	.71660	.14790	-.06270	.71820	.13993	.00910	-.00180	-.05400	.68400	4.84517
.201	3.980	.71800	.14540	-.06620	.71960	.13745	.01610	-.00980	-.09600	.68600	4.93810
.201	5.970	.72580	.14460	-.07410	.72740	.13653	.02280	-.01750	-.13700	.68900	5.01936
.201	7.980	.73220	.14310	-.08090	.73370	.13490	.03080	-.02520	-.18300	.69200	5.11670
.201	9.970	.73810	.14200	-.08980	.73960	.13382	.03850	-.03350	-.22800	.69700	5.19789

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ114)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300
SIM = 4.000

RUN NO. 114/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.75450	.17050	-.08070	.75680	.15998	-.01460	.02140	.08100	.69100	4.42522
.201	-1.990	.74910	.17230	-.07860	.75140	.16188	-.00900	.01320	.03900	.69000	4.34765
.201	-1.000	.74980	.17240	-.07980	.75210	.16196	-.00460	.00930	.01800	.69100	4.34919
.201	.000	.75050	.17250	-.07910	.75280	.16204	.00010	.00550	-.00700	.69100	4.35072
.201	.990	.74830	.17130	-.07860	.75060	.16090	.00540	.00140	-.03100	.69000	4.36836
.201	1.980	.74990	.17070	-.07840	.75230	.16022	01010	-.00250	-.05500	.69000	4.39309
.201	3.980	.75370	.16940	-.08220	.75600	.15888	.01980	-.01030	-.10200	.69200	4.44923
.201	5.970	.75920	.16780	-.08920	.76150	.15725	.02770	-.01800	-.14600	.69500	4.52443
.201	7.970	.76540	.16610	-.09820	.76760	.15549	.03540	-.02600	-.19200	.69900	4.60807
.201	9.960	.77130	.16500	-.10530	.77350	.15424	.04330	-.03410	-.23900	.70200	4.67455

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ115)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300
SIM = 4.000

RUN NO. 115/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.89870	.22570	-.09960	.91060	.17165	-.01530	.02190	.08300	.69200	3.98183
.201	-1.980	.89880	.22800	-.09710	.91090	.17384	-.00790	.01320	.03900	.69100	3.94211
.201	-1.010	.90020	.22800	-.09690	.91220	.17376	-.00360	.00930	.01600	.69100	3.94825
.201	.000	.90060	.22750	-.09760	.91260	.17318	.00140	.00510	-.00800	.69100	3.95868
.201	.990	.90080	.22720	-.09710	.91280	.17303	.00630	.00090	-.03200	.69100	3.96479
.201	1.980	.89950	.22600	-.09810	.91140	.17180	.01160	-.00310	-.05700	.69100	3.98009
.201	3.980	.90150	.22430	-.10100	.91330	.17004	.02140	-.01140	-.10400	.69300	4.01917
.201	5.970	.90080	.22150	-.10370	.91240	.16750	.02680	-.01960	-.14400	.69400	4.06498
.201	7.980	.90890	.22150	-.11390	.92050	.16682	.03310	-.02650	-.18700	.69 00	4.10339
.201	9.970	.92060	.22120	-.12720	.93220	.16579	.04290	-.03460	-.23600	.70200	4.16184

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ116)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 17.500 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = 16.300
SIM = 4.000

RUN NO. 116/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	1.04600	.29740	-.11910	1.07130	.18640	-.01350	.02650	.08000	.69300	3.51715
.201	-1.980	1.04950	.29740	-.11700	1.07490	.18607	-.00720	.01650	.03900	.69200	3.52892
.201	-.990	1.05130	.29800	-.11840	1.07670	.18645	-.00230	.01130	.01400	.69200	3.52785
.201	.000	1.05070	.29730	-.11830	1.07600	.18573	.00170	.00610	-.00700	.69200	3.53414
.201	1.010	1.05070	.29710	-.11940	1.07610	.18552	.00600	.00100	-.03100	.69300	3.53652
.201	1.980	1.04910	.29610	-.11960	1.07430	.18492	.00990	-.00380	-.05300	.69300	3.54306
.201	3.970	1.04560	.29300	-.11850	1.07050	.18208	.01810	-.01350	-.09700	.69300	3.56860
.201	5.970	1.04470	.29040	-.12290	1.06940	.17974	.02480	-.02220	-.13900	.69400	3.59745
.201	8.000	1.05510	.29280	-.13570	1.07990	.18108	.03050	-.02960	-.17900	.69800	3.60348
.201	10.010	1.06430	.29410	-.14670	1.08920	.18134	.04110	-.03780	-.23100	.70100	3.61884

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ117)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 117/ 0 RN/L = 1.43

MACH	ALPHA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.160	-.13370	.06540	-.04060	-.13810	.05557	.00520	.00710	-.01800	.54300	-2.04434
.201	.040	.07010	.05750	-.04040	.07010	.05750	.00520	.00670	-.01700	.86400	1.21913
.201	4.250	.25370	.06110	-.03440	.25750	.04218	.00560	.00690	-.01700	.70100	4.15221
.201	8.460	.44980	.08110	-.03590	.45690	.01395	.00500	.00670	-.01500	.68100	5.54624
.201	12.680	.65340	.12460	-.03560	.66480	-.02186	.00440	.00670	-.01200	.67200	5.24398
.201	16.950	.89970	.20940	-.04930	.92170	-.06196	.00530	.00620	-.01200	.67200	4.29656
.201	21.200	1.13890	.35490	-.07490	1.19010	-.08105	.00660	.00890	-.01300	.67500	3.20907
.201	25.460	1.33060	.54460	-.09760	1.43550	-.08037	.00470	.00780	-.01000	.67700	2.44326

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ118)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 118/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.990	.07360	.05610	-.04530	.07370	.05609	-.00710	.00900	.07000	.87800	1.31194
.201	-1.990	.07310	.05890	-.04380	.07310	.05886	-.00200	.00780	.02800	.87300	1.24109
.201	-1.010	.06970	.05990	-.04190	.06980	.05983	.00110	.00730	.00500	.87300	1.16361
.201	.000	.06950	.05990	-.04270	.06950	.05989	.00400	.00690	-.01700	.87800	1.16027
.201	1.000	.07010	.05880	-.04240	.07020	.05874	.00880	.00740	-.04200	.87400	1.19218
.201	1.970	.06760	.05770	-.04230	.06770	.05768	.01230	.00720	-.06500	.88200	1.17158
.201	3.970	.07130	.05540	-.04660	.07130	.05533	.01830	.00630	-.11100	.89200	1.28700
.201	5.960	.07210	.05190	-.04850	.07220	.05189	.02420	.00590	-.15600	.89900	1.38921
.201	7.970	.07250	.04630	-.05010	.07260	.04627	.02940	.00520	-.19800	.90600	1.56587
.201	9.960	.07440	.04270	-.05350	.07440	.04269	.03220	.00470	-.23700	.91600	1.74239

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ119)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 119/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.31270	.06470	-.03930	.31740	.03561	-.00510	.01200	.06800	.69700	4.83308
.201	-2.000	.31050	.06670	-.03660	.31530	.03780	-.00160	.00850	.02800	.69500	4.65517
.201	-1.010	.31040	.06720	-.03610	.31530	.03826	.00090	.00760	.00500	.69400	4.61905
.201	.000	.30780	.06730	-.03570	.31270	.03863	.00350	.00630	-.01400	.69400	4.57356
.201	.990	.30930	.06710	-.03710	.31420	.03833	.00620	.00540	-.03500	.69500	4.60954
.201	1.980	.30910	.06540	-.03770	.31380	.03664	.01020	.00500	-.06000	.69600	4.72630
.201	3.980	.31270	.06430	-.04220	.31730	.03518	.01540	.00250	-.10400	.70100	4.86314
.201	5.960	.31220	.06180	-.04490	.31660	.03273	.01990	.00000	-.14600	.70400	5.05178
.201	7.970	.31670	.05810	-.04870	.32070	.02859	.02450	-.00220	-.19000	.70800	5.45095
.201	9.990	.31930	.05440	-.05310	.32300	.02474	.02860	-.00540	-.22800	.71200	5.86949

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ120)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 120/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-3.980	.55310	.10000	-.03840	.56210	-.00320	-.00230	.01520	.06500	.67700	5.53100
.201	-2.010	.55200	.10100	-.03770	.56120	-.00205	-.00070	.01010	.02900	.67700	5.46535
.201	-.980	.54860	.10030	-.03520	.55770	-.00207	.00100	.00810	.00800	.67500	5.46959
.201	-.010	.55460	.10050	-.03590	.56370	-.00309	.00240	.00570	-.00900	.67500	5.51841
.201	.980	.55170	.10030	-.03600	.56070	-.00266	.00430	.00340	-.03000	.67500	5.50050
.201	1.970	.55490	.10040	-.03810	.56390	-.00327	.00680	.00150	-.05200	.67700	5.52689
.201	3.970	.55570	.09850	-.04060	.56440	-.00516	.01120	-.00200	-.09300	.67800	5.64162
.201	5.960	.55790	.09670	-.04550	.56620	-.00733	.01490	-.00570	-.13400	.68100	5.76939
.201	8.010	.55980	.09350	-.04980	.56750	-.01081	.02070	-.00960	-.17900	.68400	5.98717
.201	9.990	.56500	.09090	-.05440	.57200	-.01430	.02630	-.01370	-.22300	.68700	6.21562

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ121)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 121/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.000	.84210	.18630	-.04910	.86100	-.05014	-.00250	.01570	.06800	.67300	4.52013
.201	-2.010	.84200	.18850	-.04820	.86150	-.04799	-.00120	.01020	.03100	.67200	4.46684
.201	-.990	.83950	.18750	-.04530	.85890	-.04830	.00050	.00750	.01100	.67100	4.47733
.201	.000	.84060	.18780	-.04760	.86000	-.04835	.00310	.00530	-.01100	.67200	4.47604
.201	1.010	.83790	.18700	-.04720	.85710	-.04828	.00590	.00310	-.03200	.67200	4.48075
.201	1.970	.83990	.18650	-.04860	.85900	-.04934	.00850	.00070	-.05500	.67300	4.50349
.201	3.970	.83850	.18380	-.04870	.85690	-.05148	.01270	-.00400	-.09600	.67300	4.56202
.201	5.970	.84140	.18230	-.05360	.85930	-.05369	.01400	-.00930	-.13100	.67500	4.61547
.201	8.030	.84940	.18230	-.06270	.86700	-.05585	.01630	-.01350	-.17000	.67800	4.65935
.201	9.970	.85620	.18110	-.07250	.87310	-.05888	.02280	-.01760	-.21700	.68200	4.72777

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 (RFJ122)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 SPDBRK = .000
RUDDER = .000 BDFLAP = -11.700
SIM = 6.000

RUN NO. 122/ 0 RN/L = 1.43

MACH	BETA	CL	CD	CLM	CN	CA	CYN	CBL	CY	XCP/L	L/D
.201	-4.990	1.13010	.35320	-.07210	1.18150	-.07827	-.00150	.02450	.08800	.67400	3.19960
.201	-2.010	1.13740	.35830	-.07170	1.19000	-.07632	.00230	.01520	.02900	.67400	3.17443
.201	-1.010	1.13950	.35820	-.07370	1.19200	-.07726	.00270	.01170	.01000	.67500	3.18118
.201	.000	1.13920	.35860	-.07510	1.19180	-.07672	.00500	.00880	-.00900	.67500	3.17680
.201	1.000	1.13640	.35650	-.07310	1.18840	-.07776	.00710	.00550	-.03100	.67400	3.18766
.201	1.980	1.13960	.35800	-.07580	1.19200	-.07745	.00850	.00260	-.05200	.67500	3.18324
.201	3.980	1.13340	.35150	-.07410	1.18390	-.08107	.01360	-.00280	-.09400	.67500	3.22447
.201	5.970	1.13440	.35010	-.07760	1.18430	-.08266	.01670	-.00780	-.13400	.67600	3.24022
.201	7.980	1.14320	.35190	-.09080	1.19320	-.08417	.01860	-.01270	-.17000	.68000	3.24865
.201	9.970	1.15930	.35640	-.10680	1.20990	-.08583	.02460	-.01860	-.21800	.68400	3.25281

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC01) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 ALPHA (1) = -4.140 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2261	-.2268	-.2137	-.0613	.0018	.0739	.1284	.1502	.0000	.1857	.1839
44.800	-.2268							.1484		.1875	.1839
50.100	-.9876							.1466		.1848	.1839
101.400	-.1475	-.4755	-.4440	-.2299	-.0643	.0703	.1321	.1584	.0000		.1839
115.600	-.5040									.1893	.1839
133.800	-.3985	-.4440	-.5587	-.2461	-.0836	.0439	.1166	.1302			.1839
149.100	-.4286									.1829	.1839
180.000	-.3970	-.2807	-.4240	-.3731	-.1783	-.0151	.1030	.1439	.0000	.1820	.1839

MACH (1) = .200 ALPHA (2) = .060 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1814	-.1837	-.1767	-.0566	.0110	.0857	.1257	.1375	.0000	.1675	.1647
44.800	-.1867							.1348		.1656	.1647
50.100	-.9782							.1329		.1693	.1647
101.400	-.3222	-.4801	-.4539	-.2499	-.0774	.0693	.1293	.1529	.0000		.1647
115.600	-.4931									.1784	.1647
133.800	-.4031	-.4477	-.5324	-.2206	-.0582	.0593	.1293	.1457			.1647
149.100	-.4393									.1793	.1647
180.000	-.4100	-.2968	-.3961	-.3292	-.1298	.0230	.1184	.1493	.0000	.1775	.1647

MACH (1) = .200 ALPHA (3) = 4.270 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1771	-.1763	-.1709	-.0745	-.0105	.0722	.1323	.1514	.0000	.1723	.1769
44.800	-.1817							.1487		.1751	.1769
50.100	-1.0039							.1478		.1751	.1769
101.400	-.4617	-.4879	-.4648	-.2712	-.0969	.0622	.1341	.1596	.0000		.1769
115.600	-.4941									.1860	.1769
133.800	-.4077	-.4486	-.5087	-.1956	-.0367	.0722	.1377	.1569			.1769

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC01)

MACH (1) = .200 ALPHA (3) = 4.270

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4432									.1869	.1769
180.000	-.4185	-.2851	-.3722	-.2812	-.0822	.0549	.1286	.1541	.0000	.1851	.1769

MACH (1) = .200 ALPHA (4) = 8.490 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1885	-.1885	-.1847	-.0845	-.0274	.0612	.1340	.1640	.0000	.1923	.1913
44.800	-.1901							.1613		.1923	.1913
50.100	-.9455							.1604		.1913	.1913
101.400	-.5593	-.4899	-.4753	-.2856	-.1060	.0621	.1413	.1677	.0000		.1913
115.600	-.5046									.2042	.1913
133.800	-.4105	-.4467	-.4861	-.1847	-.0313	.0740	.1467	.1677			.1913
149.100	-.4475									.1923	.1913
180.000	-.4529	-.2610	-.3766	-.2980	-.0852	.0531	.1422	.1686	.0000	.1923	.1913

MACH (1) = .200 ALPHA (5) = 12.710 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2308	-.2292	-.2246	-.0913	-.0413	.0512	.1367	.1758	.0000	.2168	.2187
44.800	-.2277							.1703		.2177	.2187
50.100	-.7793							.1703		.2150	.2187
101.400	-.6021	-.4935	-.4896	-.3017	-.1222	.0603	.1503	.1803	.0000		.2187
115.600	-.5197									.2205	.2187
133.800	-.4188	-.4457	-.4604	-.1846	-.0374	.0694	.1485	.1730			.2187
149.100	-.4465									.2077	.2187
180.000	-.4858	-.2508	-.3741	-.3070	-.0990	.0367	.1348	1648	.0000	.2068	.2187

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC01)

MACH (1) = .200 ALPHA (6) = 16.980 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2680	-.2634	-.2611	-.0927	-.0497	.0466	.1364	.1845	.0000	.2383	.2402
44.800	-.2596							.1782		.2374	.2402
50.100	-.6725							.1763		.2356	.2402
101.400	-.6125	-.4995	-.5172	-.3203	-.1389	.0575	.1546	.1845	.0000		.2402
115.600	-.5403									.2310	.2402
133.800	-.4395	-.4626	-.4741	-.1927	-.0589	.0484	.1455	.1682			.2402
149.100	-.4549									.2228	.2402
180.000	-.4841	-.2711	-.3834	-.3234	-.1296	.0039	.1146	.1527	.0000	.2237	.2402

MACH (1) = .200 ALPHA (7) = 21.250 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2916	-.2900	-.2839	-.0911	-.0604	.0257	.1082	.1607	.0000	.2381	.2454
44.800	-.2823							.1535		.2372	.2454
50.100	-.5635							.1526		.2399	.2454
101.400	-.6019	-.5189	-.5389	-.3200	-.1180	.0547	.1381	.1662	.0000		.2454
115.600	-.5750									.2390	.2454
133.800	-.4575	-.4920	-.5266	-.2263	-.0934	.0130	.1299	.1553			.2454
149.100	-.5942									.2326	.2454
180.000	-.4951	-.3015	-.4244	-.3822	-.1955	-.0440	.0964	.1480	.0000	.2317	.2454

MACH (1) = .200 ALPHA (8) = 25.500 Q(PSF) = 60.597 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3633	-.3595	-.3518	-.1112	-.0944	-.0167	.0544	.1175	.0000	.2186	.2422
44.800	-.3541							.1049		.2150	.2422
50.100	-.5298							.1022		.2141	.2422
101.400	-.5841	-.5680	-.5780	-.3427	-.1379	.0093	.0832	.1202	.0000		.2422
115.600	-.6918									.2322	.2422
133.800	-.5253	-.5696	-.6437	-.3075	-.1410	-.0113	.0949	.1364			.2422
149.100	-.6230									.2268	.2422
180.000	-.5199	-.3335	-.4893	-.4703	-.2632	-.0916	.0697	.1301	.0000	.2241	.2422

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC02) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 ALPHA (1) = -4.130 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1975	-.1952	-.1898	-.0620	-.0020	.0703	.1257	.1520	.0000	.1866	.1766
44.800	-.2037							.1502		.1911	.1766
50.100	-.9274							.1502		.1911	.1766
101.400	-.6318	-.4639	-.4208	-.2106	-.0536	.0730	.1366	.1602	.0000		.1766
115.600	-.5078									.1966	.1766
133.800	-.4162	-.4624	-.5556	-.2430	-.0744	.0475	.1111	.1202			.1766
149.100	-.4424									.1847	.1766
180.000	-.3769	-.2863	-.4162	-.3746	-.1791	-.0178	.1057	.1466	.0000	.1820	.1766

MACH (1) = .200 ALPHA (2) = .070 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1792	-.1800	-.1746	-.0567	.0072	.0830	.1258	.1358	.0000	.1704	.1585
44.800	-.1838							.1358		.1740	.1585
50.100	-.9121							.1349		.1740	.1585
101.400	-.6832	-.4682	-.4335	-.2270	-.0621	.0712	.1294	.1558	.0000		.1585
115.600	-.4898									.1849	.1585
133.800	-.4173	-.4574	-.5329	-.2124	-.0474	.0621	.1240	.1367			.1585
149.100	-.4551									.1813	.1585
180.000	-.4027	-.3118	-.3981	-.3295	-.1330	.0176	.1176	.1494	.0000	.1804	.1585

MACH (1) = .200 ALPHA (3) = 4.280 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1761	-.1768	-.1714	-.0728	-.0112	.0703	.1294	.1485	.0000	.1794	.1612
44.800	-.1776							.1485		.1830	.1612
50.100	-.9294							.1485		.1821	.1612
101.400	-.7299	-.4734	-.4441	-.2423	-.0667	.0748	.1348	.1594	.0000		.1612
115.600	-.4834									.1885	.1612
133.800	-.4164	-.4511	-.5050	-.1861	-.0251	.0776	.1376	.1376			.1612

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC02)

MACH (1) = .200 ALPHA (3) = 4.280

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4572										
180.000	-.4072	-.3155	-.3748	-.2801	-.0906	.0448	.1230	.1503	.0000	.1885 .1839	.1612 .1612

MACH (1) = .200 ALPHA (4) = 8.490 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1843	-.1843	-.1789	-.0846	-.0267	.0595	.1315	.1607	.0000	.1954	.1945
44.800	-.1835							.1598		.2000	.1945
50.100	-.8694							.1598		.2009	.1945
101.400	-.7535	-.4778	-.4507	-.2545	-.0754	.0778	.1434	.1726	.0000		.1945
115.600	-.4809									.2055	.1945
133.800	-.4183	-.4507	-.4932	-.1734	-.0174	.0860	.1525	.1726			.1945
149.100	-.4577									.1945	.1945
180.000	-.4214	-.2947	-.3719	-.2908	-.0869	.0459	.1361	.1616	.0000	.1917	.1945

MACH (1) = .200 ALPHA (5) = 12.700 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2390	-.2390	-.2336	-.0931	-.0398	.0513	.1342	.1743	.0000	.2146	.2146
44.800	-.2359							.1707		.2164	.2146
50.100	-.7247							.1698		.2201	.2146
101.400	-.7440	-.4838	-.4691	-.2715	-.0869	.0787	.1570	.1816	.0000		.2146
115.600	-.4946									.2219	.2146
133.800	-.4236	-.4529	-.4923	-.1973	-.0421	.0723	.1588	.1771			.2146
149.100	-.4660									.2082	.2146
180.000	-.4467	-.2869	-.3757	-.3031	-.1008	.0340	.1324	.1625	.0000	.2063	.2146

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC02)

MACH (1) = .200 ALPHA (6) = 16.980 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2675	-.2660	-.2629	-.0928	-.0528	.0439	.1347	.1793	.0000	.2368	.2404
44.800	-.2614							.1765		.2368	.2404
50.100	-.6286							.1747		.2377	.2404
101.400	-.7125	-.4977	-.4954	-.2853	-.0928	.0802	.1602	.1856	.0000		.2404
115.600	-.5231									.2322	.2404
133.800	-.4569	-.4846	-.5316	-.2475	-.0867	.0493	.1565	.1756			.2404
149.100	-.4685									.2194	.2404
180.000	-.4592	-.2853	-.3946	-.3376	-.1367	.0012	.1129	.1502	.0000	.2185	.2404

MACH (1) = .200 ALPHA (7) = 21.250 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2954	-.2962	-.2893	-.0911	-.0619	.0275	.1036	.1580	.0000	.2399	.2463
44.800	-.2847							.1544		.2408	.2463
50.100	-.5466							.1517		.2390	.2463
101.400	-.6780	-.5152	-.5098	-.2778	-.0788	.0692	.1399	.1716	.0000		.2463
115.600	-.5889									.2427	.2463
133.800	-.5044	-.5297	-.5397	-.2670	-.1134	.0284	.1336	.1608			.2463
149.100	-.4729									.2308	.2463
180.000	-.4598	-.2993	-.4291	-.3869	-.1879	-.0404	.0882	.1399	.0000	.2253	.2463

MACH (1) = .200 ALPHA (8) = 25.500 Q(PSF) = 60.556 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3659	-.3643	-.3552	-.1067	-.0952	-.0186	.0544	.1095	.0000	.2206	.2478
44.800	-.3536							.0977		.2170	.2478
50.100	-.4912							.0968		.2179	.2478
101.400	-.6342	-.5547	-.5409	-.3101	-.1029	.0192	.0887	.1194	.0000		.2478
115.600	-.6869									.2342	.2478
133.800	-.5577	-.6082	-.6556	-.3101	-.1526	-.0231	.0986	.1392			.2478
149.100	-.6235									.2206	.2478
180.000	-.4668	-.3383	-.4951	-.4737	-.2588	-.0998	.0571	.1194	.0000	.2188	.2478

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC03) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2078	-.2117	-.2032	-.0590	.0087	.0831	.1167	.1295	.0000	.1686	.1677
44.800	-.2171							.1258		.1659	.1677
50.100	-1.0643							.1240		.1659	.1677
101.400	-.6873	-.5069	-.4969	-.3034	-.1315	.0440	.1277	.1495	.0000		.1677
115.600	-.4969									.1768	.1677
133.800	-.3782	-.4314	-.5378	-.2410	-.0860	.0376	.1304	.1486			.1677
149.100	-.4113									.1731	.1677
180.000	-.4036	-.3204	-.4059	-.3419	-.1377	.0139	.1177	.1531	.0000	.1722	.1677

MACH (1) = .200 BETA (2) = -2.030 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1969	-.1985	-.1915	-.0575	.0118	.0830	.1203	.1294	.0000	.1676	.1703
44.800	-.2046							.1267		.1658	.1703
50.100	-1.0299							.1249		.1667	.1703
101.400	-.7540	-.4990	-.4789	-.2771	-.1037	.0567	.1276	.1503	.0000		.1703
115.600	-.4959									.1758	.1703
133.800	-.3896	-.4381	-.5336	-.2301	-.0713	.0476	.1303	.1476			.1703
149.100	-.4235									.1758	.1703
180.000	-.4057	-.3110	-.4019	-.3318	-.1353	.0157	.1167	.1503	.0000	.1740	.1703

MACH (1) = .200 BETA (3) = -1.030 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1807	-.1815	-.1753	-.0567	.0118	.0848	.1221	.1285	.0000	.1667	.1721
44.800	-.1869							.1294		.1667	.1721
50.100	-1.0012							.1267		.1658	.1721
101.400	-.8016	-.4896	-.4673	-.2655	-.0906	.0639	.1285	.1521	.0000		.1721
115.600	-.4927									.1785	.1721
133.800	-.3980	-.4426	-.5328	-.2262	-.0644	.0548	.1312	.1467			.1721

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC03)

MACH (1) = .200 BETA (3) = -1.030

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4326										
180.000	-.4157	-.3047	-.3964	-.3271	-.1306	.0212	.1185	.1494	.0000	.1776	.1721
										.1776	.1721

MACH (1) = .200 BETA (4) = -.030 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1840	-.1833	-.1763	-.0575	.0095	.0822	.1250	.1350	.0000	.1669	.1660
44.800	-.1887							.1314		.1687	.1660
50.100	-.9771							.1314		.1678	.1660
101.400	-.8313	-.4803	-.4541	-.2496	-.0768	.0668	.1277	.1514	.0000		.1660
115.600	-.4911									.1796	.1660
133.800	-.4024	-.4479	-.5312	-.2203	-.0583	.0567	.1287	.1450			.1660
149.100	-.4379									.1787	.1660
180.000	-.4031	-.3013	-.3970	-.3299	-.1316	.0203	.1186	.1487	.0000	.1760	.1660

MACH (1) = .200 BETA (5) = .960 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1821	-.1821	-.1759	-.0574	.0102	.0839	.1257	.1356	.0000	.1674	.1584
44.800	-.1883							.1356		.1683	.1584
50.100	-.9442							.1338		.1702	.1584
101.400	-.8449	-.4708	-.4415	-.2360	-.0666	.0702	.1284	.1529	.0000		.1584
115.600	-.4916									.1811	.1584
133.800	-.4107	-.4508	-.5324	-.2167	-.0520	.0621	.1284	.1402			.1584
149.100	-.4454									.1802	.1584
180.000	-.4100	-.3030	-.3976	-.3291	-.1305	.0194	.1193	.1475	.0000	.1774	.1584

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC03)

MACH (1) = .200 BETA (6) = 1.950 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1786	-.1801	-.1739	-.0567	.0087	.0813	.1250	.1368	.0000	.1714	.1596
44.800	-.1824							.1368		.1741	.1596
50.100	-.9089							.1350		.1732	.1596
101.400	-.8518	-.4701	-.4331	-.2279	-.0629	.0713	.1313	.1559	.0000		.1596
115.600	-.4909									.1841	.1596
133.800	-.4161	-.4570	-.5325	-.2140	-.0482	.0622	.1241	.1368			.1596
149.100	-.4539									.1823	.1596
180.000	-.4014	-.3097	-.3968	-.3305	-.1331	.0185	.1177	.1495	.0000	.1796	.1596

MACH (1) = .200 BETA (7) = 3.950 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1801	-.1801	-.1747	-.0583	.0079	.0785	.1204	.1313	.0000	.1741	.1750
44.800	-.1832							.1322		.1805	.1750
50.100	-.8733							.1322		.1796	.1750
101.400	-.8502	-.4577	-.4145	-.2109	-.0560	.0731	.1368	.1604	.0000		.1750
115.600	-.4893									.1951	.1750
133.800	-.4338	-.4693	-.5333	-.2086	-.0398	.0613	.1113	.1240			.1750
149.100	-.4716									.1878	.1750
180.000	-.3999	-.3189	-.4014	-.3366	-.1369	.0149	.1177	.1523	.0000	.1850	.1750

MACH (1) = .200 BETA (8) = 5.940 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1820	-.1812	-.1759	-.0604	.0010	.0738	.1147	.1301	.0000	.1764	.1592
44.800	-.1812							.1301		.1828	.1592
50.100	-.8406							.1301		.1837	.1592
101.400	-.8414	-.4374	-.3851	-.1843	-.0343	.0784	.1338	.1610	.0000		.1592
115.600	-.4828									.2056	.1592
133.800	-.4505	-.4813	-.5336	-.1974	-.0281	.0584	.0993	.1356			.1592
149.100	-.4921									.1846	.1592
180.000	-.4067	-.3297	-.4090	-.3482	-.1451	.0076	.1165	.1510	.0000	.1746	.1592

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC03)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1861	-.1869	-.1799	-.0651	-.0058	.0657	.1139	.1285	.0000	.1748	.1421
44.800	-.1846							.1294		.1821	.1421
50.100	-.8047							.1303		.1830	.1421
101.400	-.8263	-.4218	-.3502	-.1614	-.0197	.0848	.1348	.1630	.0000		.1421
115.600	-.4750									.2159	.1421
133.800	-.4657	-.4912	-.5305	-.1815	-.0166	.0512	.1076	.1576			.1421
149.100	-.5089									.1812	.1421
180.000	-.4249	-.3409	-.4103	-.3556	-.1460	.0057	.1176	.1494	.0000	.1667	.1421

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.481 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1918	-.1902	-.1856	-.0699	-.0128	.0576	.1105	.1305	.0000	.1769	.1232
44.800	-.1856							.1305		.1842	.1232
50.100	-.7658							.1314		.1833	.1232
101.400	-.8074	-.3885	-.3260	-.1470	-.0074	.0831	.1359	.1633	.0000		.1232
115.600	-.4572									.2382	.1232
133.800	-.4826	-.5004	-.5220	-.1648	-.0097	.0440	.1259	.1633			.1232
149.100	-.5297									.1824	.1232
180.000	-.4386	-.3530	-.4116	-.3600	-.1408	.0058	.1150	.1451	.0000	.1578	.1232

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC04) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1756	-.1772	-.1741	-.0799	-.0205	.0677	.1305	.1542	.0000	.1806	.1852
44.800	-.1833							.1506		.1788	.1852
50.100	-1.0978							.1487		.1770	.1852
101.400	-.8416	-.5136	-.5152	-.3338	-.1610	.0294	.1260	.1497	.0000		.1852
115.600	-.5113									.1916	.1852
133.800	-.4002	-.4465	-.5314	-.2235	-.0691	.0486	.1269	.1442			.1852
149.100	-.4303									.1861	.1852
180.000	-.4172	-.3331	-.3716	-.2790	-.0907	.0440	.1278	.1542	.0000	.1879	.1852

MACH (1) = .200 BETA (2) = -2.030 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1740	-.1733	-.1686	-.0799	-.0174	.0668	1314	.1533	.0000	.1760	.1824
44.800	-.1779							.1496		.1715	.1824
50.100	-1.0568							.1478		.1724	.1824
101.400	-.8831	-.5043	-.4950	-.3083	-.1301	.0467	.1314	.1514	.0000		.1824
115.600	-.5051									.1860	.1824
133.800	-.4024	-.4472	-.5166	-.2111	-.0537	.0586	.1341	.1496			.1824
149.100	-.4356									.1851	.1824
180.000	-.4202	-.3199	-.3677	-.2736	-.0822	.0467	.1232	.1533	.0000	.1860	.1824

MACH (1) = .200 BETA (3) = -1.040 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1709	-.1717	-.1671	-.0784	-.0174	.0695	.1314	.1551	.0000	.1778	.1806
44.800	-.1756							.1532		.1742	.1806
50.100	-1.0242							.1514		.1751	.1806
101.400	-.9069	-.4957	-.4811	-.2897	-.1146	.0558	.1341	.1569	.0000		.1806
115.600	-.4996									.1860	.1806
133.800	-.4047	-.4448	-.5088	-.2002	-.0429	.0668	.1378	.1569			.1806

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC04)

MACH (1) = .200 BETA (3) = -1.040

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4409									.1878	.1806
180.000	-.4247	-.2905	-.3700	-.2774	-.0791	.0549	.1332	.1596	.0000	.1869	.1806

MACH (1) = .200 BETA (4) = -.020 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1732	-.1725	-.1686	-.0776	-.0166	.0677	.1314	.1541	.0000	.1751	.1778
44.800	-.1771							.1514		.1769	.1778
50.100	-.9924							.1496		.1769	.1778
101.400	-.9184	-.4849	-.4656	-.2735	-.0984	.0604	.1350	.1605	.0000		.1778
115.600	-.4934									.1887	.1778
133.800	-.4062	-.4471	-.5042	-.1910	-.0344	.0722	.1387	.1587			.1778
149.100	-.4432									.1887	.1778
180.000	-.4239	-.2859	-.3668	-.2781	-.0799	.0558	.1314	.1560	.0000	.1869	.1778

MACH (1) = .200 BETA (5) = .950 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1740	-.1747	-.1709	-.0776	-.0159	.0686	.1323	.1532	.0000	.1805	.1750
44.800	-.1763							.1532		.1850	.1750
50.100	-.9629							.1514		.1841	.1750
101.400	-.9228	-.4824	-.4562	-.2619	-.0884	.0658	.1359	.1641	.0000		.1750
115.600	-.4871									.1942	.1750
133.800	-.4130	-.4485	-.5025	-.1855	-.0274	.0777	.1414	.1623			.1750
149.100	-.4470									.1914	.1750
180.000	-.4254	-.2842	-.3722	-.2858	-.0837	.0549	.1350	.1614	.0000	.1896	.1750

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC04)

MACH (1) = .200 BETA (6) = 1.950 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1752	-.1744	-.1714	-.0767	-.0174	.0648	.1284	.1511	.0000	.1811	.1611
44.800	-.1775							.1511		.1847	.1611
50.100	-.9228							.1493		.1857	.1611
101.400	-.9151	-.4716	-.4439	-.2437	-.0713	.0730	.1339	.1611	.0000		.1611
115.600	-.4793									.1902	.1611
133.800	-.4131	-.4439	-.4878	-.1752	-.0181	.0775	.1375	.1584			.1611
149.100	-.4555									.1884	.1611
180.000	-.4100	-.3161	-.3685	-.2738	-.0774	.0494	.1211	.1493	.0000	.1838	.1611

MACH (1) = .200 BETA (7) = 3.950 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1809	-.1809	-.1770	-.0775	-.0197	.0640	.1277	.1486	.0000	.1823	.1732
44.800	-.1793							.1486		.1877	.1732
50.100	-.8462							.1495		.1877	.1732
101.400	-.8948	-.4584	-.4229	-.2186	-.0436	.0813	.1322	.1577	.0000		.1732
115.600	-.4769									.1941	.1732
133.800	-.4276	-.4576	-.5062	-.1755	-.0151	.0794	.1359	.1486			.1732
149.100	-.4684									.1914	.1732
180.000	-.4091	-.3343	-.3690	-.2718	-.0868	.0431	.1240	.1495	.0000	.1868	.1732

MACH (1) = .200 BETA (8) = 5.940 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1896	-.1888	-.1842	-.0800	-.0213	.0604	.1251	.1497	.0000	.1816	.1679
44.800	-.1857							.1488		.1861	.1679
50.100	-.7693							.1479		.1861	.1679
101.400	-.8604	-.4513	-.4050	-.1927	-.0197	.0877	.1260	.1497	.0000		.1679
115.600	-.4837									.1999	.1679
133.800	-.4374	-.4613	-.4883	-.1656	-.0082	.0768	.1278	.1442			.1679
149.100	-.4791									.1861	.1679
180.000	-.4096	-.3409	-.3656	-.2822	-.0892	.0449	.1306	.1597	.0000	.1816	.1679

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC04)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1933	-.1926	-.1872	-.0845	-.0267	.0540	.1187	.1442	.0000	.1833	.1305
44.800	-.1879							.1451		.1897	.1305
50.100	-.6933							.1451		.1888	.1305
101.400	-.8190	-.4310	-.3785	-.1733	-.0151	.0850	.1350	.1578	.0000		.1305
115.600	-.4479									.2208	.1305
133.800	-.4487	-.4680	-.4757	-.1316	.0118	.0640	.1196	.1505			.1305
149.100	-.5004									.1824	.1305
180.000	-.4263	-.3461	-.3769	-.2998	-.0938	.0385	.1223	.1478	.0000	.1578	.1305

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.438 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1915	-.1915	-.1869	-.0875	-.0359	.0421	.1049	.1349	.0000	.1758	.0785
44.800	-.1846							.1339		.1849	.0785
50.100	-.6407							.1339		.1867	.0785
101.400	-.7763	-.3880	-.3102	-.1175	-.0151	.0403	.0867	.1339	.0000		.0785
115.600	-.4157									.2443	.0785
133.800	-.4566	-.4697	-.4350	-.0705	-.0135	.0257	.0739	.1258			.0785
149.100	-.5182									.1503	.0785
180.000	-.4550	-.3549	-.3818	-.3109	-.1037	.0130	.0967	.1267	.0000	.1276	.0785

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC05) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1882	-.1882	-.1859	-.0920	-.0397	.0512	.1284	.1620	.0000	.2011	.2057
44.800	-.1952							.1556		.1993	.2057
50.100	-1.0072							.1538		.1975	.2057
101.400	-.8109	-.5107	-.5223	-.3530	-.1836	.0057	.1184	.1483	.0000		.2057
115.600	-.5392									.2066	.2057
133.800	-.4207	-.4661	-.5323	-.2129	-.0589	.0448	.1166	.1420			.2057
149.100	-.4307									.1984	.2057
180.000	-.3907	-.3222	-.3460	-.2498	-.0705	.0502	.1302	.1565	.0000	.1984	.2057

MACH (1) = .200 BETA (2) = -2.010 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1863	-.1855	-.1832	-.0906	-.0359	.0540	.1340	.1686	.0000	.2033	.2033
44.800	-.1893							.1641		.2015	.2033
50.100	-.9557							.1623		.1996	.2033
101.400	-.8347	-.5024	-.5031	-.3243	-.1469	.0385	.1350	.1623	.0000		.2033
115.600	-.5240									.2179	.2033
133.800	-.4152	-.4515	-.4954	-.1855	-.0390	.0603	.1340	.1577			.2033
149.100	-.4276									.1960	.2033
180.000	-.4461	-.2865	-.3752	-.3034	-.0953	.0412	.1386	.1641	.0000	.1951	.2033

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1886	-.1886	-.1848	-.0899	-.0351	.0549	.1332	.1678	.0000	.2024	.2043
44.800	-.1902							.1632		.2006	.2043
50.100	-.9160							.1623		.2006	.2043
101.400	-.8427	-.5002	-.4918	-.3105	-.1323	.0476	.1405	.1696	.0000		.2043
115.600	-.5188									.2134	.2043
133.800	-.4131	-.4462	-.4786	-.1863	-.0382	.0658	.1423	.1660			.2043

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC05)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4370									.1979	.2043
180.000	-.4617	-.2681	-.3737	-.2989	-.0899	.0476	.1405	.1678	.0000	.1970	.2043

MACH (1) = .200 BETA (4) = -.030 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1946	-.1938	-.1892	-.0906	-.0359	.0530	.1321	.1685	.0000	.2031	.2040
44.800	-.1930							.1657		.2031	.2040
50.100	-.8601							.1639		.2022	.2040
101.400	-.8401	-.4934	-.4819	-.2962	-.1144	.0585	.1457	.1739	.0000		.2040
115.600	-.5111									.2132	.2040
133.800	-.4125	-.4418	-.4711	-.1876	-.0366	.0703	.1494	.1712			.2040
148.100	-.4464									.1985	.2040
180.000	-.4796	-.2539	-.3725	-.3024	-.0929	.0467	.1412	.1685	.0000	.1985	.2040

MACH (1) = .200 BETA (5) = .960 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1977	-.1985	-.1946	-.0906	-.0367	.0549	.1331	.1667	.0000	.2032	.2023
44.800	-.1954							.1658		.2059	.2023
50.100	-.8142							.1658		.2041	.2023
101.400	-.8311	-.4882	-.4751	-.2825	-.1022	.0694	.1485	.1758	.0000		.2023
115.600	-.4990									.2141	.2023
133.800	-.4135	-.4451	-.4774	-.1877	-.0367	.0740	.1549	.1731			.2023
149.100	-.4535									.1986	.2023
180.000	-.4420	-.2678	-.3695	-.2987	-.0914	.0467	.1403	.1667	.0000	.1968	.2023

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC05)

MACH (1) = .200 BETA (6) = 1.960 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2038	-.2030	-.1999	-.0906	-.0359	.0539	.1321	.1675	.0000	.2049	.2040
44.800	-.2007							.1657		.2086	.2040
50.100	-.7707							.1648		.2086	.2040
101.400	-.8169	-.4818	-.4618	-.2662	-.0813	.0766	.1503	.1775	.0000		.2040
115.600	-.4857									.2141	.2040
133.800	-.4195	-.4510	-.4903	-.1853	-.0305	.0785	.1566	.1730			.2040
149.100	-.4610									.2003	.2040
180.000	-.4356	-.2877	-.3740	-.3016	-.0967	.0385	.1357	.1630	.0000	.1976	.2040

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2173	-.2149	-.2103	-.0907	-.0367	.0504	.1278	.1624	.0000	.1980	.2044
44.800	-.2111							.1624		.2034	.2044
50.100	-.6949							.1615		.2053	.2044
101.400	-.7890	-.4619	-.4318	-.2327	-.0498	.0923	.1515	.1779	.0000		.2044
115.600	-.4796									.2053	.2044
133.800	-.4256	-.4572	-.4950	-.1671	-.0066	.0923	.1578	.1706			.2044
149.100	-.4680									.1989	.2044
180.000	-.3654	-.3237	-.3469	-.2582	-.0699	.0513	.1305	.1578	.0000	.1989	.2044

MACH (1) = .200 BETA (8) = 5.930 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2348	-.2356	-.2279	-.0930	-.0382	.0512	.1286	.1613	.0000	.2033	.2124
44.800	-.2286							.1641		.2088	.2124
50.100	-.6141							.1641		.2097	.2124
101.400	-.7521	-.4615	-.4237	-.2178	-.0398	.0986	.1604	.1850	.0000		.2124
115.600	-.5000									.2143	.2124
133.800	-.4407	-.4669	-.5016	-.1647	.0010	.0976	.1604	.1777			.2124
149.100	-.4777									.2014	.2124
180.000	-.3751	-.3273	-.3435	-.2502	-.0714	.0522	.1359	.1641	.0000	.1978	.2124

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC05)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2466	-.2451	-.2404	-.0930	-.0406	.0486	.1260	.1615	.0000	.2071	.2099
44.800	-.2389							.1633		.2099	.2099
50.100	-.5576							.1624		.2099	.2099
101.400	-.7127	-.4588	-.4226	-.2057	-.0313	.1023	.1651	.1879	.0000		.2099
115.600	-.5051									.2181	.2099
133.800	-.4527	-.4735	-.4951	-.1602	.0018	.0932	.1533	.1751			.2099
149.100	-.4897									.1998	.2099
180.000	-.3963	-.3315	-.3477	-.2636	-.0753	.0513	.1360	.1633	.0000	.1906	.2099

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.449 PO = 2122.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2495	-.2495	-.2410	-.0948	-.0445	.0441	.1208	.1555	.0000	.2085	.1847
44.800	-.2402							.1573		.2103	.1847
50.100	-.5264							.1582		.2094	.1847
101.400	-.6733	-.4575	-.4103	-.1884	-.0151	.1053	.1582	.1801	.0000		.1847
115.600	-.4993									.2370	.1847
133.800	-.4676	-.4838	-.4900	-.1513	.0134	.0797	.1472	.1828			.1847
149.100	-.5078									.1764	.1847
180.000	-.4498	-.3562	-.3431	-.2618	-.0739	.0432	.1308	.1545	.0000	.1482	.1847

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC06) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2572	-.2564	-.2502	-.0937	-.0505	.0421	.1304	.1732	.0000	.2307	.2325
44.800	-.2579							.1666		.2298	.2325
50.100	-.8253							.1659		.2298	.2325
101.400	-.6981	-.4931	-.5332	-.3728	-.2101	-.0032	.1268	.1677	.0000		.2325
115.600	-.5524									.2353	.2325
133.800	-.4383	-.4823	-.5370	-.2047	-.0529	.0403	.1049	.1577			.2325
149.100	-.4198									.2014	.2325
180.000	-.4206	-.2996	-.3890	-.3242	-.1222	.0057	.1049	.1313	.0000	.1987	.2325

MACH (1) = .200 BETA (2) = -2.020 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2550	-.2550	-.2481	-.0943	-.0497	.0475	.1337	.1791	.0000	.2338	.2357
44.800	-.2543							.1718		.2329	.2357
50.100	-.7388							.1700		.2320	.2357
101.400	-.6965	-.4996	-.5211	-.3465	-.1727	.0312	.1419	.1764	.0000		.2357
115.600	-.5381									.2329	.2357
133.800	-.4250	-.4635	-.4973	-.1827	-.0458	.0484	.1228	.1646			.2357
149.100	-.4412									.2174	.2357
180.000	-.4612	-.2842	-.3889	-.3196	-.1227	.0112	.1147	.1510	.0000	.2174	.2357

MACH (1) = .200 BETA (3) = -1.040 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2579	-.2594	-.2509	-.0914	-.0475	.0494	.1376	.1795	.0000	.2343	.2352
44.800	-.2556							.1749		.2316	.2352
50.100	-.7103							.1758		.2316	.2352
101.400	-.6988	-.4984	-.5146	-.3311	-.1554	.0458	.1513	.1822	.0000		.2352
115.600	-.5300									.2325	.2352
133.800	-.4167	-.4513	-.4745	-.1854	-.0467	.0521	.1376	.1686			.2352

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC06)

MACH (1) = .200 BETA (3) = -1.040

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4891										
180.000	-.4722	-.2710	-.3797	-.3172	-.1215	.0139	.1158	.1549	.0000	.2197 .2206	.2352 .2352

MACH (1) = .200 BETA (4) = -.020 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2592	-.2616	-.2515	-.0936	-.0467	.0503	.1366	.1803	.0000	.2305	.2323
44.800	-.2577							.1775		.2287	.2323
50.100	-.6891							.1757		.2296	.2323
101.400	-.6952	-.4980	-.5057	-.3178	-.1360	.0557	.1539	.1839	.0000		.2323
115.600	-.5312									.2278	.2323
133.800	-.4333	-.4572	-.4603	-.1938	-.0536	.0548	.1448	.1730			.2323
149.100	-.4510									.2177	.2323
180.000	-.4795	-.2639	-.3732	-.3193	-.1237	.0094	.1194	.1548	.0000	.2186	.2323

MACH (1) = .200 BETA (5) = .960 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2636	-.2620	-.2559	-.0928	-.0474	.0493	.1374	.1810	.0000	.2312	.2357
44.800	-.2574							.1774		.2321	.2357
50.100	-.6675							.1764		.2312	.2357
101.400	-.6860	-.4967	-.4990	-.3021	-.1151	.0711	.1583	.1874	.0000		.2357
115.600	-.5229									.2257	.2357
133.800	-.4644	-.4867	-.4821	-.2097	-.0589	.0575	.1492	.1764			.2357
149.100	-.4552									.2193	.2357
180.000	-.4644	-.2713	-.3805	-.3228	-.1251	.0121	.1174	.1547	.0000	.2166	.2357

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC06)

MACH (1) = .200 BETA (6) = 1.960 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2652	-.2637	-.2583	-.0920	-.0459	.0475	.1366	.1793	.0000	.2322	.2340
44.800	-.2599							.1765		.2331	.2340
50.100	-.6486							.1756		.2313	.2340
101.400	-.6755	-.4916	-.4877	-.2829	-.0897	.0793	.1611	.1847	.0000		.2340
115.600	-.5108									.2313	.2340
133.800	-.4354	-.4638	-.5108	-.2298	-.0751	.0530	.1584	.1783			.2340
149.100	-.4662									.2185	.2340
180.000	-.4477	-.2845	-.3938	-.3307	-.1267	.0085	.1175	.1511	.0000	.2148	.2340

MACH (1) = .200 BETA (7) = 3.960 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2628	-.2582	-.2528	-.0943	-.0466	.0457	.1311	.1756	.0000	.2285	.2294
44.800	-.2528							.1710		.2312	.2294
50.100	-.5953							.1692		.2303	.2294
101.400	-.6538	-.4752	-.4529	-.2382	-.0435	.0929	.1538	.1683	.0000		.2294
115.600	-.4999									.2285	.2294
133.800	-.4329	-.4675	-.5160	-.2051	-.0466	.0675	.1529	.1647			.2294
149.100	-.4745									.2020	.2294
180.000	-.4075	-.2967	-.3790	-.3206	-.1182	.0057	.1084	.1329	.0000	.1992	.2294

MACH (1) = .200 BETA (8) = 5.940 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2578	-.2571	-.2494	-.0914	-.0498	.0458	.1294	.1704	.0000	.2133	.2251
44.800	-.2478							.1722		.2151	.2251
50.100	-.5507							.1731		.2123	.2251
101.400	-.6254	-.4621	-.4320	-.2193	-.0428	.1012	.1658	.1904	.0000		.2251
115.600	-.5214									.2133	.2251
133.800	-.4490	-.4759	-.5206	-.1800	-.0166	.0867	.1540	.1758			.2251
149.100	-.4859									.2041	.2251
180.000	-.3989	-.3380	-.3418	-.2632	-.0744	.0376	.1194	.1467	.0000	.2050	.2251

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC06)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2545	-.2499	-.2407	-.0921	-.0459	.0448	.1311	.1711	.0000	.2158	.2323
44.800	-.2438							.1738		.2176	.2323
50.100	-.5148							.1738		.2195	.2323
101.400	-.5972	-.4594	-.4247	-.2114	-.0351	.1057	.1748	.1985	.0000		.2323
115.600	-.5502									.2249	.2323
133.800	-.4671	-.4909	-.5256	-.1829	-.0104	.0948	.1566	.1775			.2323
149.100	-.5017									.2067	.2323
180.000	-.3670	-.3192	-.3308	-.2430	-.0744	.0403	.1248	.1475	.0000	.2012	.2323

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.515 PO = 2122.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2582	-.2566	-.2528	-.0930	-.0506	.0413	.1269	.1679	.0000	.2209	.2300
44.800	-.2474							.1733		.2190	.2300
50.100	-.4951							.1733		.2181	.2300
101.400	-.5699	-.4596	-.4241	-.1887	-.0143	.1132	.1706	.1980	.0000		.2300
115.600	-.5591									.2309	.2300
133.800	-.4920	-.5082	-.5429	-.1887	.0025	.1032	.1515	.1815			.2300
149.100	-.5352									.1852	.2300
180.000	-.3546	-.3431	-.3485	-.2582	-.0722	.0413	.1260	.1360	.0000	.1751	.2300

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC07) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2875	-.2844	-.2790	-.1005	-.0712	.0148	.1020	.1592	.0000	.2422	.2550
44.800	-.2813							.1501		.2394	.2550
50.100	-.6430							.1447		.2385	.2550
101.400	-.5745	-.5091	-.5730	-.3898	-.2013	.0103	.1184	.1556	.0000		.2550
115.600	-.5561									.2403	.2550
133.800	-.4706	-.5153	-.5761	-.2436	-.0820	.0148	.1065	.1456			.2550
149.100	-.4406									.2084	.2550
180.000	-.4075	-.2967	-.4152	-.3698	-.1636	-.0368	.0739	.1093	.0000	.2075	.2550

MACH (1) = .200 BETA (2) = -2.020 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2804	-.2804	-.2727	-.0904	-.0666	.0221	.1047	.1573	.0000	.2430	.2567
44.800	-.2720							.1464		.2366	.2567
50.100	-.5920							.1446		.2348	.2567
101.400	-.5696	-.5220	-.5604	-.3504	-.1450	.0212	.1183	.1510	.0000		.2567
115.600	-.5589									.2375	.2567
133.800	-.4504	-.4958	-.5412	-.2235	-.0874	.0139	.1074	.1428			.2567
149.100	-.4435									.2275	.2567
180.000	-.4796	-.2981	-.4189	-.3827	-.1866	-.0450	.0847	.1328	.0000	.2275	.2567

MACH (1) = .200 BETA (3) = -1.030 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2742	-.3033	-.3063	-.0884	-.0624	.0265	.1068	.1573	.0000	.2352	.2507
44.800	-.2658							.1501		.2334	.2507
50.100	-.5671							.1492		.2325	.2507
101.400	-.5564	-.5213	-.5495	-.3385	-.1404	.0436	.1248	.1564	.0000		.2507
115.600	-.5641									.2352	.2507
133.800	-.4532	-.4884	-.5304	-.2245	-.0930	.0147	.1185	.1501			.2507

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC07)

MACH (1) = .200 BETA (3) = -1.030

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4830									.2262	.2507
180.000	-.4868	-.2979	-.4264	-.3859	-.1924	-.0474	.0842	.1411	.0000	.2298	.2507

MACH (1) = .200 BETA (4) = -.020 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3072	-.3056	-.3010	-.0932	-.0641	.0292	.1098	.1614	.0000	.2359	.2486
44.800	-.2987							.1523		.2377	.2486
50.100	-.5633							.1478		.2368	.2486
101.400	-.5595	-.5158	-.5372	-.3225	-.1231	.0546	.1333	.1641	.0000		.2486
115.600	-.5695									.2377	.2486
133.800	-.4552	-.4920	-.5257	-.2290	-.0978	.0148	.1279	.1532			.2486
149.100	-.5932									.2322	.2486
180.000	-.4843	-.3003	-.4222	-.3931	-.1975	-.0476	.0899	.1478	.0000	.2331	.2486

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3065	-.3050	-.3042	-.0892	-.0647	.0274	.1050	.1610	.0000	.2353	.2453
44.800	-.2965							.1520		.2362	.2453
50.100	-.5544							.1511		.2308	.2453
101.400	-.5536	-.5161	-.5253	-.2981	-.1030	.0608	.1339	.1691	.0000		.2453
115.600	-.5735									.2371	.2453
133.800	-.4848	-.5138	-.5314	-.2399	-.1076	.0084	.1231	.1556			.2453
149.100	-.4894									.2299	.2453
180.000	-.4740	-.2981	-.4243	-.3945	-.1955	-.0439	.0888	.1439	.0000	.2281	.2453

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC07)

MACH (1) = .200 BETA (6) = 1.960 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT /ARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3174	-.3143	-.3058	-.0920	-.0658	.0212	.1047	.1555	.0000	.2366	.2448
44.800	-.3074							.1510		.2375	.2448
50.100	-.5513							.1501		.2384	.2448
101.400	-.5497	-.5189	-.5151	-.2812	-.0820	.0647	.1410	.1728	.0000		.2448
115.600	-.5920									.2430	.2448
133.800	-.5043	-.5343	-.5420	-.2712	-.1120	.0248	.1337	.1564			.2448
149.100	-.4728									.2284	.2448
180.000	-.4566	-.3043	-.4343	-.3936	-.1935	-.0459	.0856	.1347	.0000	.2275	.2448

MACH (1) = .200 BETA (7) = 3.950 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3233	-.3203	-.3141	-.0978	-.0679	.0166	.1017	.1578	.0000	.2395	.2441
44.800	-.3149							.1533		.2395	.2441
50.100	-.5089							.1533		.2377	.2441
101.400	-.5373	-.5074	-.4790	-.2405	-.0572	.0673	.1388	.1723	.0000		.2441
115.600	-.6178									.2441	.2441
133.800	-.4338	-.4698	-.5764	-.2819	-.1178	.0130	.1342	.1650			.2441
149.100	-.4990									.2168	.2441
180.000	-.3908	-.3134	-.4138	-.3770	-.1707	-.0467	.0736	.1143	.0000	.2122	.2441

MACH (1) = .200 BETA (8) = 5.950 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3350	-.3296	-.3218	-.0999	-.0760	.0148	.0976	.1522	.0000	.2206	.2334
44.800	-.3242							.1522		.2206	.2334
50.100	-.4698							.1495		.2169	.2334
101.400	-.5192	-.4691	-.4274	-.2101	-.0382	.0894	.1476	.1704	.0000		.2334
115.600	-.6078									.2133	.2334
133.800	-.4829	-.5215	-.5939	-.2463	-.0629	.0540	.1222	.1476			.2334
149.100	-.5095									.1968	.2334
180.000	-.3689	-.4089	-.4367	-.3157	-.1122	.0012	.0894	.1149	.0000	.1996	.2334

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC07)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3398	-.3367	-.3313	-.0914	-.0660	.0258	.1095	.1587	.0000	.1969	.2088
44.800	-.3220							.1596		.1960	.2088
50.100	-.4385							.1614		.1969	.2088
101.400	-.4987	-.4701	-.4323	-.2094	-.0459	.0968	.1541	.1778	.0000		.2088
115.600	-.6390									.2088	.2088
133.800	-.5094	-.5434	-.5951	-.2341	-.0490	.0458	.1213	.1441			.2088
149.100	-.5295									.1924	.2088
180.000	-.3791	-.3537	-.3606	-.2789	-.1123	-.0014	.0913	.1268	.0000	.1869	.2088

MACH (1) = .200 BETA (10) = 9.940 Q(PSF) = 60.669 PO = 2123.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3558	-.3489	-.3458	-.0897	-.0650	.0275	.1165	.1591	.0000	.2220	.2183
44.800	-.3458							.1637		.2247	.2183
50.100	-.3766							.1610		.2220	.2183
101.400	-.4696	-.4673	-.4335	-.2066	-.0327	.0892	.1582	.1827	.0000		.2183
115.600	-.6496									.2393	.2183
133.800	-.5404	-.5750	-.6212	-.2366	-.0312	.0802	.1410	.1691			.2183
149.100	-.5635									.1809	.2183
180.000	-.3919	-.3527	-.3573	-.2835	-.1058	.0112	.1029	.1174	.0000	.1655	.2183

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC08) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = .000
SIM = .000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1192	-.1455	-.1925	-.2087	-.1864	-.0870	.0467	.1105	.0000	.1514	.1496
44.800	-.1439							.1004		.1596	.1496
50.100	-.6678							.1023		.1514	.1496
101.400	-.5081	-.4981	-.4988	-.3168	-.1648	.0112	.0822	.1132	.0000		.1496
115.600	-.4957									.1578	.1496
133.800	-.3816	-.4363	-.5436	-.2496	-.1015	.0121	.1032	.1214			.1496
149.100	.4186									.1551	.1496
180.000	-.4332	-.3330	-.4224	-.3654	-.1663	-.0187	.0831	.1196	.0000	.1587	.1496

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1116	-.1294	-.1587	-.2004	-.1919	-.0871	.0295	.0914	.0000	.1507	.1443
44.800	-.1232							.0887		.1379	.1443
50.100	-.6475							.0832		.1543	.1443
101.400	-.5348	-.4947	-.4862	-.3024	-.1518	.0030	.0759	.1069	.0000		.1443
115.600	-.4985									.1625	.1443
133.800	-.3966	-.4483	-.5479	-.2460	-.0939	.0149	.0987	.1142			.1443
149.100	-.4329									.1543	.1443
180.000	-.4383	-.3271	-.4159	-.3557	-.1680	-.0233	.0750	.1142	.0000	.1598	.1443

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1377	-.1215	-.1431	-.2017	-.1932	-.0706	.0449	.0968	.0000	.1541	.1514
44.800	-.0991							.0931		.1532	.1514
50.100	-.6274							.0840		.1459	.1514
101.400	-.5510	-.4901	-.4778	-.2935	-.1446	-.0060	.0758	.0995	.0000		.1514
115.600	-.4971									.1477	.1514
133.800	-.4030	-.4516	-.5472	-.2418	-.0922	.0185	.0940	.1122			.1514

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC08)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4408									.1559	.1514
180.000	-.4408	-.3189	-.4153	-.3529	-.1624	-.0196	.0795	.1177	.0000	.1568	.1514

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1215	-.1122	-.1484	-.2140	-.1885	-.0742	.0330	.0958	.0000	.1540	.1558
44.800	-.1184							.0849		.1540	.1558
50.100	-.6040							.0803		.1522	.1558
101.400	-.5624	-.4822	-.4683	-.2833	-.1353	.0057	.0840	.1058	.0000		.1558
115.600	-.4953									.1586	.1558
133.800	-.4097	-.4560	-.5462	-.2386	-.0845	.0203	.0949	.1120			.1558
149.100	-.4475									.1595	.1558
180.000	-.4367	-.3157	-.4120	-.3550	-.1623	-.0187	.0840	.1131	.0000	.1631	.1558

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1169	-.1108	-.1501	-.2110	-.1879	-.0806	.0367	.0922	.0000	.1541	.1487
44.800	-.0922							.0941		.1487	.1487
50.100	-.5783							.0895		.1469	.1487
101.400	-.5567	-.4772	-.4610	-.2766	-.1300	-.0033	.0840	.1050	.0000		.1487
115.600	-.4972									.1696	.1487
133.800	-.4186	-.4625	-.5482	-.2380	-.0838	.0231	.0959	.1132			.1487
149.100	-.4571									.1560	.1487
180.000	-.4309	-.3183	-.4155	-.3553	-.1640	-.0151	.0804	.1114	.0000	.1578	.1487

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC08)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1146	-.1385	-.1654	-.1986	-.1940	-.0751	.0549	.0986	.0000	.1595	.1595
44.800	-.1277							.0977		.1513	.1595
50.100	-.5425							.1040		.1632	.1595
101.400	-.5548	-.4785	-.4554	-.2703	-.1307	.0139	.0913	.1095	.0000		.1595
115.600	-.4955									.1668	.1595
133.800	-.4238	-.4654	-.5502	-.2356	-.0799	.0221	.1013	.1159			.1595
149.100	-.4608									.1595	.1595
180.000	-.4184	-.3227	-.4160	-.3505	-.1631	-.0178	.0840	.1149	.0000	.1577	.1595

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1340	-.1456	-.1842	-.2258	-.2011	-.0670	.0677	.1105	.0000	.1661	.1515
44.800	-.1533							.1242		.1725	.1515
50.100	-.5138							.1105		.1679	.1515
101.400	-.5447	-.4736	-.4482	-.2590	-.1185	.0276	.0959	.1151	.0000		.1515
115.600	-.5007									.1962	.1515
133.800	-.4428	-.4790	-.5547	-.2312	-.0738	.0285	.0877	.1069			.1515
149.100	-.4837									.1679	.1515
180.000	-.4219	-.3324	-.4173	-.3594	-.1633	-.0142	.0868	.1215	.0000	.1652	.1515

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1874	-.1843	-.2229	-.2492	-.2020	-.0352	.0978	.1379	.0000	.1653	.1288
44.800	-.1781							.1361		.1835	.1288
50.100	-.4863							.1279		.1808	.1288
101.400	-.5303	-.4624	-.4268	-.2399	-.0985	.0340	.1079	.1343	.0000		.1288
115.600	-.4987									.2055	.1288
133.800	-.4608	-.4956	-.5566	-.2268	-.0661	.0286	.0805	.1024			.1288
149.100	-.5033									.1698	.1288
180.000	-.4276	-.3388	-.4245	-.3712	-.1704	-.0178	.0869	.1188	.0000	.1562	.1288

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC08)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2110	-.2218	-.2619	-.2889	-.1979	-.0142	.0959	.1386	.0000	.1623	.1668
44.800	-.2241							.1514		.1814	.1668
50.100	-.4701							.1477		.1841	.1668
101.400	-.5133	-.4524	-.3984	-.2195	-.0853	.0403	.1168	.1459	.0000		.1668
115.600	-.4979									.1997	.1668
133.800	-.4801	-.5056	-.5565	-.2164	-.0529	.0258	.0758	.1204			.1668
149.100	-.5218									.1614	.1668
180.000	-.4555	-.3529	-.4269	-.3760	-.1655	-.0169	.0904	.1277	.0000	.1614	.1668

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.440 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2562	-.2662	-.2970	-.3146	-.2017	-.0060	.0755	.1181	.0000	.1508	.1490
44.800	-.2639							.1462		.1707	.1490
50.100	-.4444							.1417		.1762	.1490
101.400	-.4844	-.4252	-.3784	-.2009	-.0634	.0502	.1127	.1444	.0000		.1490
115.600	-.4882									.1907	.1490
133.800	-.5013	-.5205	-.5520	-.2002	-.0458	.0220	.0919	.1490			.1490
149.100	-.5420									.1544	.1490
180.000	-.4567	-.3692	-.4237	-.3792	-.1618	-.0150	.0937	.1272	.0000	.1472	.1490

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC09) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = .000
SIM = .000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2190	-.2298	-.2745	-.3114	-.1829	.0185	.1329	.1720	.0000	.1802	.1929
44.800	-.2052							.1674		.1756	.1929
50.100	-.5685							.1620		.1756	.1929
101.400	-.4885	-.5169	-.5346	-.3738	-.2167	-.0151	.1057	.1393	.0000		.1929
115.600	-.5485									.1847	.1929
133.800	-.4292	-.4746	-.5477	-.2275	-.0774	.0285	.1048	.1347			.1929
149.100	-.4392									.1802	.1929
180.000	-.4169	-.3291	-.3607	-.2660	-.0882	.0312	.1120	.1356	.0000	.1847	.1929

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2091	-.2153	-.2753	-.3162	-.1899	.0157	.1375	.1829	.0000	.2103	.2332
44.800	-.2076							.1866		.2021	.2332
50.100	-.4886							.1820		.2030	.2332
101.400	-.4848	-.5117	-.5241	-.3562	-.1906	.0112	.1230	.1539	.0000		.2332
115.600	-.5372									.2113	.2332
133.800	-.4247	-.4586	-.5110	-.1999	-.0590	.0412	.1157	.1448			.2332
149.100	-.4401									.2058	.2332
180.000	-.4902	-.2961	-.3885	-.3208	-.1175	.0176	.1166	.1421	.0000	.2094	.2332

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1977	-.2147	-.2786	-.3110	-.1885	.0103	.1503	.1904	.0000	.2087	.2343
44.800	-.2069							.1858		.2059	.2343
50.100	-.4620							.1831		.2041	.2343
101.400	-.4720	-.5136	-.5190	-.3480	-.1831	.0148	.1285	.1603	.0000		.2343
115.600	-.5352									.2169	.2343
133.800	-.4227	-.4566	-.4951	-.2023	-.0598	.0439	.1240	.1522			.2343

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC09)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4489									.2123	.2343
180.000	-.4882	-.2809	-.3842	-.3133	-.1106	.0258	.1221	.1522	.0000	.2141	.2343

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1929	-.2129	-.2667	-.3122	-.1959	.0212	.1547	.1965	.0000	.2130	.2386
44.800	-.2267							.1883		.2112	.2386
50.100	-.4415							.1792		.2066	.2386
101.400	-.4622	-.5130	-.5130	-.3399	-.1713	.0230	.1338	.1647	.0000		.2386
115.600	-.5261									.2194	.2386
133.800	-.4230	-.4553	-.4900	-.2059	-.0605	.0457	.1293	.1556			.2386
149.100	-.4576									.2194	.2386
180.000	-.5077	-.2729	-.3891	-.3222	-.1128	.0257	.1211	.1511	.0000	.2166	.2386

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1968	-.2199	-.2792	-.3185	-.1845	.0067	.1539	.1939	.0000	.2113	.2368
44.800	-.2284							.1893		.2122	.2368
50.100	-.4132							.1802		.2122	.2368
101.400	-.4501	-.5079	-.5087	-.3277	-.1629	.0312	.1384	.1666	.0000		.2368
115.600	-.5187									.2195	.2368
133.800	-.4240	-.4571	-.4963	-.2068	-.0605	.0457	.1339	.1530			.2368
149.100	-.4648									.2122	.2368
180.000	-.4725	-.2800	-.3808	-.3108	-.1113	.0248	.1221	.1484	.0000	.2167	.2368

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC09)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2017	-.2218	-.2765	-.3166	-.1971	.0149	.1605	.1915	.0000	.2116	.2354
44.800	-.2303							.1832		.2079	.2354
50.100	-.3976							.1769		.2134	.2354
101.400	-.4362	-.5033	-.4948	-.3143	-.1431	.0376	.1377	.1714	.0000		.2354
115.500	-.5033									.2171	.2354
133.800	-.4285	-.4816	-.5064	-.2064	-.0544	.0504	.1395	.1550			.2354
149.100	-.4686									.2152	.2354
180.000	-.4663	-.2958	-.3807	-.3174	-.1138	.0167	.1195	.1486	.0000	.2116	.2354

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2309	-.2371	-.3003	-.3265	-.1770	.0367	.1495	.1786	.0000	.1877	.2005
44.800	-.2479							.1768		.1895	.2005
50.100	-.3843							.1722		.1904	.2005
101.400	-.4244	-.4869	-.4745	-.2841	-.1145	.0585	.1413	.1677	.0000		.2005
115.600	-.4969									.1914	.2005
133.800	-.4383	-.4691	-.5154	-.1893	-.0351	.0658	.1395	.1495			.2005
149.100	-.4792									.1877	.2005
180.000	-.3890	-.3296	-.3574	-.2749	-.0875	.0330	.1167	.1413	.0000	.1895	.2005

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2457	-.2565	-.3067	-.3375	-.1763	.0458	.1378	.1687	.0000	.1842	.1961
44.800	-.2619							.1669		.1897	.1961
50.100	-.3699							.1642		.1887	.1961
101.400	-.4085	-.4841	-.4679	-.2720	-.1038	.0613	.1469	.1714	.0000		.1961
115.600	-.5157									.1942	.1961
133.800	-.4486	-.4764	-.5196	-.1856	-.0282	.0722	.1396	.1569			.1961
149.100	-.4880									.1733	.1961
180.000	-.3861	-.3352	-.3476	-.2681	-.0861	.0349	.1186	.1414	.0000	.1751	.1961

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC09)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2617	-.2779	-.3289	-.3475	-.1736	.0350	.1225	.1581	.0000	.1745	.1827
44.800	-.2779							.1617		.1745	.1827
50.100	-.3683							.1590		.1800	.1827
101.400	-.3962	-.4935	-.4734	-.2648	-.0932	.0614	.1417	.1626	.0000		.1827
115.600	-.5252									.1882	.1827
133.800	-.4649	-.4905	-.5206	-.1883	-.0283	.0660	.1325	.1544			.1827
149.100	-.4997									.1654	.1827
180.000	-.4085	-.3351	-.3583	-.2833	-.0932	.0313	.1143	.1344	.0000	.1453	.1827

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.468 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2876	-.2992	-.3424	-.3540	-.1703	.0313	.1169	.1488	.0000	.1588	.1715
44.800	-.2953							.1579		.1679	.1715
50.100	-.3586							.1515		.1752	.1715
101.400	-.3864	-.4906	-.4589	-.2482	-.0823	.0668	.1360	.1615	.0000		.1715
115.600	-.5245									.1870	.1715
133.800	-.4829	-.4975	-.5137	-.1834	-.0197	.0641	.1178	.1524			.1715
149.100	-.5222									.1132	.1715
180.000	-.4605	-.3671	-.3594	-.2806	-.0938	.0222	.1041	.1242	.0000	.0987	.1715

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC10) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = .000
SIM = .000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3013	-.3098	-.3901	-.4009	-.0670	.0852	.1205	.1575	.0000	.2282	.2609
44.800	-.2998							.1503		.2264	.2609
50.100	-.3090							.1430		.2237	.2609
101.400	-.3534	-.5226	-.5923	-.4169	-.2294	-.0014	.1123	.1521	.0000		.2609
115.600	-.5678									.2337	.2609
133.800	-.4759	-.5157	-.5884	-.2531	-.0969	.0012	.0943	.1358			.2609
149.100	-.4483									.2073	.2609
180.000	-.4491	-.2990	-.4208	-.3779	-.1765	-.0493	.0599	.0934	.0000	.2037	.2609

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2932	-.3025	-.3970	-.3885	-.0458	.0964	.1282	.1590	.0000	.2318	.2665
44.800	-.3163							.1463		.2291	.2665
50.100	-.2994							.1409		.2291	.2665
101.400	-.3340	-.5346	-.5891	-.3870	-.1664	-.0041	.1064	.1354	.0000		.2665
115.600	-.5791									.2373	.2665
133.800	-.4608	-.4992	-.5584	-.2394	-.1042	-.0023	.0937	.1245			.2665
149.100	-.4531									.2318	.2665
180.000	-.4954	-.3086	-.4293	-.3955	-.2010	-.0567	.0683	.1128	.0000	.2327	.2665

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2870	-.3000	-.3881	-.3804	-.0433	.0934	.1305	.1612	.0000	.2238	.2556
44.800	-.3107							.1513		.2229	.2556
50.100	-.2938							.1422		.2193	.2556
101.400	-.3222	-.5390	-.5781	-.3728	-.1567	.0184	.1151	.1486	.0000		.2556
115.600	-.5773									.2338	.2556
133.800	-.4601	-.4961	-.5467	-.2372	-.1108	-.0050	.1052	.1359			.2556

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC10)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CF

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4923									.2302	.2556
180.000	-.5099	-.3107	-.4279	-.4011	-.2080	-.0584	.0726	.1223	.0000	.2293	.2556

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2832	-.3101	-.3946	-.3861	-.0435	.1000	.1299	.1572	.0000	.2235	.2509
44.800	-.3039							.1499		.2190	.2509
50.100	-.2878							.1499		.2208	.2509
101.400	-.3124	-.5459	-.5759	-.3539	-.1372	.0384	.1182	.1535	.0000		.2509
115.600	-.5828									.2281	.2509
133.800	-.4622	-.5021	-.5498	-.2448	-.1157	-.0041	.1091	.1345			.2509
149.100	-.6013									.2281	.2509
180.000	-.5229	-.3162	-.4368	-.4015	-.2148	-.0613	.0674	.1236	.0000	.2290	.2509

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2770	-.2916	-.3907	-.3754	-.0496	.1000	.1299	.1635	.0000	.2208	.2482
44.800	-.3047							.1517		.2181	.2482
50.100	-.2862							.1454		.2190	.2482
101.400	-.3077	-.5352	-.5613	-.3331	-.1226	.0502	.1227	.1571	.0000		.2482
115.600	-.5920									.2263	.2482
133.800	-.4944	-.5229	-.5474	-.2586	-.1264	-.0096	.1091	.1345			.2482
149.100	-.4921									.2263	.2482
180.000	-.5067	-.3124	-.4330	-.4007	-.2109	-.0631	.0719	.1218	.0000	.2254	.2482

OA176 B26CSPR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC10)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2812	-.2966	-.3897	-.3797	-.0474	.0929	.1265	.1583	.0000	.2238	.2485
44.800	-.3105							.1492		.2211	.2485
50.100	-.2912							.1474		.2165	.2485
101.400	-.2989	-.5451	-.5505	-.3128	-.1020	.0493	.1310	.1655	.0000		.2485
115.600	-.6051									.2229	.2485
133.800	-.5128	-.5451	-.5521	-.2797	-.1366	.0030	.1129	.1428			.2485
149.100	-.4859									.2229	.2485
180.000	-.4782	-.3112	-.4397	-.4043	-.2089	-.0604	.0666	.1165	.0000	.2202	.2485

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2941	-.3126	-.3979	-.3810	-.0666	.0810	.1219	.1527	.0000	.2173	.2501
44.800	-.3226							.1455		.2109	.2501
50.100	-.2957							.1445		.2137	.2501
101.400	-.2987	-.5340	-.5155	-.2734	-.0812	.0484	.1364	.1645	.0000		.2501
115.600	-.6385									.2246	.2501
133.800	-.4425	-.4779	-.5901	-.3041	-.1357	-.0114	.1173	.1491			.2501
149.100	-.5040									.2073	.2501
180.000	-.4117	-.3195	-.4233	-.3933	-.1796	-.0640	.0574	.0946	.0000	.2064	.2501

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3077	-.3254	-.3897	-.3844	-.0909	.0681	.1142	.1450	.0000	.1920	.2184
44.800	-.3330							.1396		.1911	.2184
50.100	-.2863							.1378		.1911	.2184
101.400	-.2955	-.4978	-.4625	-.2472	-.0648	.0699	.1396	.1640	.0000		.2184
115.600	-.6227									.1993	.2184
133.800	-.4909	-.5277	-.6051	-.2648	-.0801	.0292	.1007	.1359			.2184
149.100	-.5185									.1812	.2184
180.000	-.3913	-.4211	-.4418	-.3238	-.1246	-.0096	.0753	.0998	.0000	.1848	.2184

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC10)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3110	-.3210	-.3964	-.3841	-.0973	.0638	.1083	.1455	.0000	.1545	.1754
44.800	-.3318							.1446		.1645	.1754
50.100	-.2703							.1382		.1672	.1754
101.400	-.2849	-.4902	-.4779	-.2488	-.0673	.0729	.1391	.1554	.0000		.1754
115.600	-.6563									.1781	.1754
133.800	-.5202	-.5486	-.6140	-.2526	-.0742	.0184	.1019	.1219			.1754
149.100	-.5394									.1554	.1754
180.000	-.3887	-.3633	-.3679	-.2926	-.1327	-.0178	.0720	.1019	.0000	.1527	.1754

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.684 PO = 2122.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3081	-.3281	-.3858	-.3721	-.0906	.0549	.1013	.1377	.0000	.1568	.1841
44.800	-.3173							.1404		.1632	.1841
50.100	-.2286							.1322		.1704	.1841
101.400	-.2734	-.5047	-.4831	-.2472	-.0660	.0722	.1359	.1704	.0000		.1841
115.600	-.6774									.1877	.1841
133.800	-.5548	-.5887	-.6481	-.2672	-.0652	.0522	.1140	.1459			.1841
149.100	-.5879									.1086	.1841
180.000	-.4129	-.3613	-.3690	-.3034	-.1269	-.0114	.0758	.0858	.0000	.0949	.1841

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC11) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = 16.300
SIM = .000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2410	-.2216	-.2511	-.3194	-.3628	-.2240	-.0692	-.0060	.0000	.0818	.1019
44.800	-.2363							.0195		.0864	.1019
50.100	-.4916							-.0097		.0671	.1019
101.400	-.3085	-.5265	-.5320	-.3768	-.2518	-.0839	.0085	.0452	.0000		.1019
115.600	-.5079									.1093	.1019
133.800	-.3946	-.4575	-.5700	-.2798	-.1409	-.0335	.0580	.0735			.1019
149.100	-.4342									.1029	.1019
180.000	-.4482	-.3488	-.4443	-.3923	-.2022	-.0582	.0369	.0699	.0000	.1019	.1019

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2095	-.2210	-.2434	-.3259	-.3498	-.2490	-.1006	-.0142	.0000	.0886	.0859
44.800	-.2172							-.0087		.0795	.0859
50.100	-.4825							-.0042		.0631	.0859
101.400	-.3514	-.5157	-.5226	-.3637	-.2426	-.0806	.0103	.0413	.0000		.0859
115.600	-.5141									.1050	.0859
133.800	-.4077	-.4601	-.5704	-.2727	-.1331	-.0260	.0622	.0658			.0859
149.100	-.4470									.1104	.0859
180.000	-.4470	-.3437	-.4354	-.3845	-.2033	-.0579	.0349	.0731	.0000	.1177	.0859

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1988	-.2265	-.2142	-.3014	-.3392	-.2610	-.1043	.0003	.0000	.0996	.0841
44.800	-.2011							-.0151		.0722	.0841
50.100	-.4526							-.0233		.0841	.0841
101.400	-.3755	-.5120	-.5151	-.3554	-.2373	-.0807	-.0051	.0221	.0000		.0841
115.600	-.5120									.1014	.0841
133.800	-.4156	-.4650	-.5691	-.2705	-.1293	-.0297	.0549	.0558			.0841

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC11)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4526										
180.000	-.4488	-.3376	-.4356	-.3778	-.1957	-.0606	.0431	.0741	.0000	.1123	.0841
										.1132	.0841

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2223	-.1984	-.2408	-.3040	-.3387	-.2324	-.0960	-.0096	.0000	.0930	.0867
44.800	-.1846							-.0242		.0739	.0867
50.100	-.4481							-.0233		.0685	.0867
101.400	-.3888	-.5051	-.5113	-.3479	-.2177	-.0942	.0148	.0267	.0000		.0867
115.600	-.5113									.1139	.0867
133.800	-.4227	-.4712	-.5690	-.2693	-.1291	-.0233	.0539	.0694			.0867
149.100	-.4620									.1167	.0867
180.000	-.4442	-.3287	-.4327	-.3826	-.2000	-.0578	.0358	.0803	.0000	.1030	.0867

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2332	-.2170	-.2694	-.3195	-.3503	-.2179	-.0787	.0021	.0000	.0921	.0885
44.800	-.2316							-.0142		.0721	.0885
50.100	-.4235							-.0278		.0821	.0885
101.400	-.3873	-.5037	-.5014	-.3357	-.2162	-.0605	.0139	.0403	.0000		.0885
115.600	-.5129									.1185	.0885
133.800	-.4289	-.4759	-.5700	-.2640	-.1191	-.0287	.0549	.0767			.0885
149.100	-.4698									.1076	.0885
180.000	-.4443	-.3349	-.4343	-.3788	-.1985	-.0578	.0358	.0694	.0000	.1122	.0885

OA176 B26C9PRIM16N28W116E43F8V8R5TC19XS TAILCONE (RFJC11)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2183	-.2284	-.2638	-.3192	-.3500	-.2277	-.0778	.0067	.0000	.0902	.1012
44.800	-.2253							-.0087		.0875	.1012
50.100	-.4185							-.0305		.0866	.1012
101.400	-.3870	-.5009	-.4955	-.3385	-.2145	-.0523	.0176	.0403	.0000		.1012
115.600	-.5132									.1246	.1012
133.800	-.4347	-.4809	-.5725	-.2661	-.1190	-.0232	.0575	.0748			.1012
149.100	-.4732									.1148	.1012
180.000	-.4316	-.3415	-.4355	-.3816	-.1999	-.0578	.0421	.0675	.0000	.1184	.1012

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2313	-.2243	-.2567	-.3413	-.3582	-.2257	-.0822	-.0014	.0000	.0956	.0938
44.800	-.2267							.0293		.0965	.0938
50.100	-.4313							.0112		.0884	.0938
101.400	-.3998	-.5014	-.4890	-.3190	-.1913	-.0486	.0457	.0248	.0000		.0938
115.600	-.5175									.1311	.0938
133.800	-.4536	-.4952	-.5745	-.2621	-.1112	-.0205	.0557	.0702			.0938
149.100	-.4937									.1065	.0938
180.000	-.4344	-.3452	-.4367	-.3852	-.2036	-.0605	.0439	.0757	.0000	.1038	.0938

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2323	-.2323	-.2777	-.3440	-.3671	-.2114	-.0387	.0248	.0000	.0966	.0985
44.800	-.2454							.0248		.0994	.0985
50.100	-.4533							.0203		.1012	.0985
101.400	-.4002	-.4926	-.4695	-.3016	-.1722	-.0278	.0394	.0694	.0000		.0985
115.600	-.5157									.1403	.0985
133.800	-.4718	-.5142	-.5804	-.2608	-.1075	-.0196	.0457	.0685			.0985
149.100	-.5119									.0948	.0985
180.000	-.4456	-.3578	-.4418	-.3994	-.2046	-.0641	.0448	.0666	.0000	.1085	.0985

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC11)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2473	-.2288	-.2874	-.3499	-.3622	-.2236	-.0497	.0267	.0000	.0850	.0804
44.800	-.2450							.0112		.0877	.0804
50.100	-.4718							-.0014		.0904	.0804
101.400	-.4085	-.4795	-.4417	-.2843	-.1578	-.0360	.0531	.0913	.0000		.0804
115.600	-.5165									.1350	.0804
133.800	-.4934	-.5257	-.5844	-.2550	-.1015	-.0251	.0440	.0704			.0804
149.100	-.5358									.1032	.0804
180.000	-.4656	-.3668	-.4478	-.4085	-.2041	-.0624	.0358	.0658	.0000	.0886	.0804

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.421 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2487	-.2580	-.2944	-.3477	-.3756	-.2369	-.0589	.0131	.0000	.0980	.0706
44.800	-.2441							.0259		.1144	.0706
50.100	-.4924							.0112		.1135	.0706
101.400	-.4251	-.4576	-.4305	-.2789	-.1575	-.0462	.0432	.0989	.0000		.0706
115.600	-.5094									.1655	.0706
133.800	-.5171	-.5434	-.5922	-.2472	-.0933	-.0297	.0386	.0888			.0706
149.100	-.5635									.1080	.0706
180.000	-.4754	-.3856	-.4522	-.4150	-.2039	-.0626	.0395	.0669	.0000	.0952	.0706

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC12) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES. YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = 16.300
SIM = .000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2674	-.2474	-.2821	-.3492	-.4017	-.2163	-.0360	.0349	.0000	.1123	.1196
44.800	-.2273							.0067		.1150	.1196
50.100	-.4788							.0203		.1105	.1196
101.400	-.8191	-.5383	-.5761	-.4426	-.3137	-.1335	.0112	.0504	.0000		.1196
115.600	-.5784									.1205	.1196
133.800	-.4503	-.5005	-.5853	-.2690	-.1293	-.0360	.0176	.0340			.1196
149.100	-.4619									.1196	.1196
180.000	-.4410	-.3538	-.3955	-.3099	-.1370	-.0151	.0622	.0832	.0000	.1105	.1196

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2208	-.2077	-.2671	-.3349	-.3965	-.2815	-.0669	.0221	.0000	.0867	.1049
44.800	-.2339							.0030		.1158	.1049
50.100	-.4589							.0112		.1267	.1049
101.400	-.7371	-.5337	-.5653	-.4227	-.2948	-.1042	.0076	.0476	.0000		.1049
115.600	-.5676									.1149	.1049
133.800	-.4466	-.4851	-.5483	-.2416	-.1114	-.0233	.0348	.0403			.1049
149.100	-.4566									.1012	.1049
180.000	-.4990	-.3225	-.4189	-.3611	-.1669	-.0323	.0558	.0803	.0000	.0940	.1049

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2048	-.2278	-.2778	-.3246	-.4030	-.2907	-.0486	.0347	.0000	.1218	.1191
44.800	-.2163							-.0069		.1209	.1191
50.100	-.4660							.0103		.1073	.1191
101.400	-.6742	-.5336	-.5590	-.4153	-.2924	-.1084	.0175	.0547	.0000		.1191
115.600	-.5636									.1218	.1191
133.800	-.4437	-.4821	-.5305	-.2409	-.1095	-.0214	.0384	.0420			.1191

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC12)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4706									.1009	.1191
180.000	-.5029	-.3047	-.4191	-.3554	-.1572	-.0295	.0638	.0719	.0000	.1000	.1191

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2200	-.2339	-.2655	-.3510	-.3996	-.2388	-.0660	.0248	.0000	.1130	.1040
44.800	-.2347							.0230		.1103	.1040
50.100	-.4512							.0103		.1112	.1040
101.400	-.6246	-.5375	-.5606	-.4111	-.2809	-.0951	.0194	.0594	.0000		.1040
115.600	-.5568									.1112	.1040
133.800	-.4420	-.4790	-.5283	-.2493	-.1137	-.0287	.0485	.0421			.1040
149.100	-.4782									.1030	.1040
180.000	-.5244	-.2902	-.4235	-.3626	-.1638	-.0305	.0549	.0849	.0000	.1076	.1040

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2183	-.2291	-.2837	-.3645	-.4077	-.2640	-.0777	.0312	.0000	.0975	.1138
44.800	-.2229							.0176		.1020	.1138
50.100	-.4754							.0203		.1093	.1138
101.400	-.5862	-.5324	-.5555	-.4030	-.2791	-.0914	.0230	.0503	.0000		.1138
115.600	-.5508									.1157	.1138
133.800	-.4438	-.4808	-.5293	-.2475	-.1144	-.0178	.0548	.0557			.1138
149.100	-.4854									.0939	.1138
180.000	-.5039	-.3030	-.4130	-.3522	-.1567	-.0232	.0602	.0830	.0000	.0984	.1138

OA176 B26C9PRIM16N28W116E43F8V8R5TC1SXS TAILCONE (RFJC12)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2332	-.2424	-.2941	-.3626	-.4089	-.2643	-.0460	.0376	.0000	.0821	.1158
44.800	-.2301							.0078		.0767	.1158
50.100	-.4859							.0303		.1176	.1158
101.400	-.5615	-.5268	-.5476	-.3942	-.2601	-.0851	.0640	.0730	.0000		.1158
115.600	-.5314									.1212	.1158
133.800	-.4459	-.4836	-.5407	-.2494	-.1091	-.0160	.0621	.0712			.1158
149.100	-.4906									.0976	.1158
180.000	-.4844	-.3164	-.4135	-.3518	-.1576	-.0278	.0621	.0803	.0000	.0931	.1158

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2686	-.2493	-.3194	-.3656	-.4072	-.2005	-.0342	.0467	.0000	.0821	.1103
44.800	-.2508							.0276		.1067	.1103
50.100	-.5390							.0112		.0976	.1103
101.400	-.5652	-.5259	-.5351	-.3749	-.2200	-.0442	.0567	.0949	.0000		.1103
115.600	-.5313									.1130	.1103
133.800	-.4612	-.4989	-.5559	-.2323	-.0829	.0048	.0730	.0848			.1103
149.100	-.5005									.1121	.1103
180.000	-.4042	-.3518	-.3934	-.3186	-.1322	-.0142	.0676	.0876	.0000	.1130	.1103

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2582	-.2844	-.3244	-.4052	-.3975	-.2139	-.0232	.0502	.0000	.0956	.1311
44.800	-.2721							.0475		.1192	.1311
50.100	-.6006							.0194		.0965	.1311
101.400	-.5606	-.5260	-.5306	-.3575	-.2143	-.0223	.0539	.0820	.0000		.1311
115.600	-.5521									.1256	.1311
133.800	-.4729	-.5037	-.5560	-.2282	-.0766	.0103	.0856	.0938			.1311
149.100	-.5091									.1138	.1311
180.000	-.4006	-.3544	-.3798	-.3028	-.1259	-.0114	.0711	.0911	.0000	.1020	.1311

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC12)

MACH (1) = .200 BETA (9) = 8.050 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2508	-.2639	-.3340	-.4080	-.4111	-.2124	-.0105	.0385	.0000	.1139	.1339
44.800	-.2655							.0167		.1194	.1339
50.100	-.6568							.0121		.1439	.1339
101.400	-.5759	-.5297	-.5382	-.3517	-.2084	-.0287	.0567	.0848	.0000		.1339
115.600	-.5582									.1467	.1339
133.800	-.4866	-.5135	-.5597	-.2292	-.0844	.0021	.0876	.1048			.1339
149.100	-.5205									.1058	.1339
180.000	-.4234	-.3610	-.3918	-.3209	-.1337	-.0132	.0694	.0785	.0000	.0803	.1339

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.526 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2774	-.2658	-.3043	-.3674	-.3874	-.1957	-.0296	.0248	.0000	.1192	.1328
44.800	-.2720							.0302		.1319	.1328
50.100	-.7143							.0221		.1428	.1328
101.400	-.6020	-.5343	-.5313	-.3420	-.1920	-.0205	.0548	.0874	.0000		.1328
115.600	-.5605									.1501	.1328
133.800	-.5051	-.5266	-.5582	-.2343	-.0820	.0148	.0747	.1056			.1328
149.100	-.5459									.0666	.1328
180.000	-.4836	-.3866	-.3897	-.3243	-.1366	-.0250	.0539	.0729	.0000	.0339	.1328

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC13) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = 16.300
SIM = .000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2309	-.2493	-.3136	-.3879	-.3917	-.1433	.0563	.0988	.0000	.1331	.1530
44.800	-.2301							.1123		.1205	.1530
50.100	-.4200							.1006		.1295	.1530
101.400	-.5555	-.5563	-.6444	-.4897	-.3511	-.1225	.0355	.0807	.0000		.1530
115.600	-.5961									.1205	.1530
133.800	-.4966	-.5509	-.6329	-.3044	-.1536	-.0701	.0066	.0328			.1530
149.100	-.4728									.0699	.1530
180.000	-.4813	-.3251	-.4598	-.4223	-.2278	-.1089	-.0123	.0120	.0000	.0744	.1530

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2321	-.2359	-.3268	-.4247	-.3972	-.1070	.0643	.0914	.0000	.1347	.1464
44.800	-.2374							.1004		.1401	.1464
50.100	-.4186							.1067		.1293	.1464
101.400	-.5210	-.5707	-.6471	-.4782	-.3138	-.0952	.0183	.0797	.0000		.1464
115.600	-.6081									.1230	.1464
133.800	-.4851	-.5317	-.5982	-.2848	-.1671	-.0925	.0048	.0174			.1464
149.100	-.4744									.1004	.1464
180.000	-.5393	-.3322	-.4637	-.4415	-.2527	-.1259	-.0168	.0174	.0000	.1031	.1464

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2341	-.2495	-.3406	-.4088	-.3943	-.1009	.0726	.1142	.0000	.1423	.1486
44.800	-.2334							.1052		.1441	.1486
50.100	-.4334							.0925		.1377	.1486
101.400	-.4992	-.5759	-.6379	-.4594	-.2962	-.0828	.0274	.0871	.0000		.1486
115.600	-.6172									.1305	.1486
133.800	-.4870	-.5284	-.5843	-.2809	-.1705	-.0873	.0102	.0301			.1486

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC13)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5146									.1142	.1486
180.000	-.5414	-.3345	-.4663	-.4357	-.2617	-.1289	-.0096	.0310	.0000	.1178	.1486

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2409	-.2501	-.3308	-.4499	-.3830	-.1003	.0964	.1209	.0000	.1363	.1444
44.800	-.2547							.1091		.1490	.1444
50.100	-.4576							.0982		.1463	.1444
101.400	-.4845	-.5851	-.6381	-.4530	-.2770	-.0667	.0474	.0928	.0000		.1444
115.600	-.6250									.1390	.1444
133.800	-.4914	-.5321	-.5912	-.2924	-.1764	-.0984	.0275	.0302			.1444
149.100	-.6274									.1245	.1444
180.000	-.5367	-.3354	-.4752	-.4468	-.2632	-.1311	-.0105	.0347	.0000	.1227	.1444

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2644	-.2536	-.3526	-.4439	-.3787	-.0657	.0899	.1261	.0000	.1280	.1406
44.800	-.2467							.0908		.1406	.1406
50.100	-.4907							.0990		.1370	.1406
101.400	-.4792	-.5866	-.6280	-.4332	-.2490	-.0594	.0456	.0945	.0000		.1406
115.600	-.6395									.1424	.1406
133.800	-.5283	-.5613	-.5858	-.3058	-.1884	-.1019	.0157	.0419			.1406
149.100	-.5214									.1234	.1406
180.000	-.5252	-.3288	-.4738	-.4439	-.2628	-.1264	-.0087	.0374	.0000	.1198	.1406

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC13)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2597	-.2589	-.3502	-.4506	-.3724	-.0449	.0908	.1152	.0000	.1315	.1587
44.800	-.2397							.0998		.1351	.1587
50.100	-.5411							.0998		.1415	.1587
101.400	-.4882	-.5871	-.6247	-.4222	-.2336	-.0467	.0437	.1017	.0000		.1587
115.600	-.6516									.1406	.1587
133.800	-.5473	-.5756	-.6094	-.3394	-.2113	-.1019	.0121	.0428			.1587
149.100	-.5135									.1216	.1587
180.000	-.5143	-.3302	-.4721	-.4483	-.2566	-.1281	-.0123	.0265	.0000	.1080	.1587

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2441	-.2541	-.3461	-.4327	-.3836	-.1054	.0636	.1179	.0000	.1332	.1414
44.800	-.2342							.0953		.1387	.1414
50.100	-.7484							.0853		.1396	.1414
101.400	-.5354	-.5760	-.5982	-.3829	-.2097	-.0457	.0518	.1007	.0000		.1414
115.600	-.6787									.1332	.1414
133.800	-.4695	-.5108	-.6404	-.3484	-.2005	-.1118	-.0041	.0374			.1414
149.100	-.5292									.0853	.1414
180.000	-.4457	-.3445	-.4595	-.4350	-.2273	-.1154	-.0114	.0157	.0000	.0980	.1414

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2601	-.2648	-.3685	-.4407	-.3831	-.0794	.0529	.0910	.0000	.1191	.1427
44.800	-.2578							.0719		.1109	.1427
50.100	-.9601							.0620		.1336	.1427
101.400	-.6267	-.5567	-.5537	-.3677	-.2017	-.0341	.0737	.1018	.0000		.1427
115.600	-.6758									.1272	.1427
133.800	-.5206	-.5675	-.6597	-.3285	-.1695	-.0595	.0139	.0474			.1427
149.100	-.5483									.0901	.1427
180.000	-.4230	-.4568	-.4884	-.3731	-.1749	-.0658	.0130	.0357	.0000	.0892	.1427

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC13)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2968	-.2945	-.3874	-.4680	-.3667	-.0413	.0809	.0764	.0000	.0746	.1235
44.800	-.2868							.0465		.1036	.1235
50.100	-1.0132							.0238		.1063	.1235
101.400	-.7137	-.5532	-.5632	-.3552	-.1678	.0003	.0637	.1027	.0000		.1235
115.600	-.7145									.1199	.1235
133.800	-.5517	-.5847	-.6630	-.3099	-.1425	-.0694	.0148	.0519			.1235
149.100	-.5732									.0746	.1235
180.000	-.4127	-.3859	-.4081	-.3413	-.1778	-.0721	.0148	.0402	.0000	.0873	.1235

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.778 PO = 2118.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2815	-.2992	-.3890	-.4689	-.3644	-.0467	.1018	.0900	.0000	.0737	.1326
44.800	-.2999							.0474		.1009	.1326
50.100	-1.0026							.0420		.1036	.1326
101.400	-.7699	-.5587	-.5633	-.3521	-.1717	.0048	.0655	.1000	.0000		.1326
115.600	-.7338									.1045	.1326
133.800	-.5848	-.6163	-.6916	-.3283	-.1425	-.0458	.0356	.0547			.1326
149.100	-.6178									.0003	.1326
180.000	-.4397	-.3836	-.4021	-.3460	-.1671	-.0658	.0148	.0211	.0000	-.0069	.1326

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC14) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 ALPHA (1) = -4.130 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1981	-.2012	-.1943	-.0661	-.0143	.0440	.0887	.1096	.0000	.1543	.1579
44.800	-.2166							.1106		.1579	.1579
50.100	-.8020							.1106		.1552	.1579
101.400	-.7448	-.4776	-.4452	-.2367	-.0777	.0541	.1142	.1361	.0000		.1579
115.600	-.5078									.1643	.1579
133.800	-.4020	-.4514	-.5595	-.2522	-.0916	.0331	.1060	.1151			.1579
149.100	-.4313									.1616	.1579
180.000	-.4020	-.2931	-.4244	-.3858	-.1889	-.0297	.0887	.1270	.0000	.1598	.1579

MACH (1) = .200 ALPHA (2) = .050 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1588	-.1596	-.1565	-.0627	-.0150	.0475	.1010	.1310	.0000	.1863	.1963
44.800	-.1750							.1310		.1863	.1963
50.100	-.8893							.1282		.1854	.1963
101.400	-.7824	-.4848	-.4633	-.2626	-.0996	.0484	.1173	.1409	.0000		.1963
115.600	-.5010									.1900	.1963
133.800	-.4072	-.4525	-.5379	-.2265	-.0689	.0475	.1219	.1391			.1963
149.100	-.4441									.1900	.1963
180.000	-.4187	-.3088	-.4033	-.3364	-.1411	.0121	.1101	.1427	.0000	.1909	.1963

MACH (1) = .200 ALPHA (3) = 4.260 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1515	-.1523	-.1500	-.0633	-.0142	.0464	.1026	.1361	.0000	.1858	.1949
44.800	-.1692							.1333		.1858	.1949
50.100	-.9752							.1324		.1858	.1949
101.400	-.8180	-.4874	-.4736	-.2857	-.1201	.0356	.1198	.1433	.0000		.1949
115.600	-.5013									.1867	.1949
133.800	-.4092	-.4499	-.5166	-.2037	-.0472	.0573	.1252	.1424			.1949

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC14)

MACH (1) = .200 ALPHA (3) = 4.260

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4468									.1858	.1949
180.000	-.4345	-.2919	-.3778	-.2919	-.0925	.0419	.1198	.1451	.0000	.1867	.1949

MACH (1) = .200 ALPHA (4) = 8.470 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1675	-.1675	-.1628	-.0589	-.0174	.0484	.1029	.1438	.0000	.2057	.2221
44.800	-.1821							.1383		.2029	.2221
50.100	-.9879							.1374		.2020	.2221
101.400	-.8494	-.4915	-.4838	-.3037	-.1367	.0348	.1247	.1483	.0000		.2221
115.600	-.5146									.2029	.2221
133.800	-.4137	-.4507	-.4946	-.1952	-.0458	.0575	.1302	.1492			.2221
149.100	-.4515									.2020	.2221
180.000	-.4769	-.2752	-.3806	-.3075	-.0990	.0403	.1293	.1538	.0000	.2048	.2221

MACH (1) = .200 ALPHA (5) = 12.700 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2135	-.2135	-.2027	-.0514	-.0143	.0513	.1078	.1488	.0000	.2090	.2282
44.800	-.2250							.1433		.2081	.2282
50.100	-.9668							.1397		.2072	.2282
101.400	-.8680	-.4967	-.5068	-.3293	-.1648	.0240	.1296	.1606	.0000		.2282
115.600	-.5315									.2072	.2282
133.800	-.4234	-.4535	-.4728	-.1988	-.0591	.0449	.1260	.1497			.2282
149.100	-.4512									.2008	.2282
180.000	-.4929	-.2636	-.3848	-.3200	-.1147	.0185	.1142	.1397	.0000	.2008	.2282

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC14)

MACH (1) = .200 ALPHA (6) = 16.950 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2489	-.2481	-.2273	-.0443	-.0104	.0502	.1083	.1528	.0000	.2110	.2329
44.800	-.2527							.1455		.2101	.2329
50.100	-.9665							.1437		.2074	.2329
101.400	-.8795	-.5073	-.5288	-.3489	-.1781	.0203	.1310	.1637	.0000		.2329
115.600	-.5465									.2092	.2329
133.800	-.4404	-.4681	-.4865	-.2104	-.0797	.0203	.1156	.1364			.2329
149.100	-.4573									.2019	.2329
180.000	-.4958	-.2773	-.3912	-.3412	-.1520	-.0196	.0811	.1174	.0000	.2037	.2329

MACH (1) = .200 ALPHA (7) = 21.210 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2837	-.2814	-.2592	-.0557	-.0311	.0311	.0954	.1371	.0000	.2115	.2343
44.800	-.2876							.1326		.2079	.2343
50.100	-.8441							.1244		.2051	.2343
101.400	-.8695	-.5263	-.5601	-.3482	-.1555	.0266	.1126	.1434	.0000		.2343
115.600	-.5877									.2051	.2343
133.800	-.4595	-.4979	-.5478	-.2453	-.1233	-.0250	.0954	.1208			.2343
149.100	-.5862									.2051	.2343
180.000	-.4979	-.3029	-.4434	-.4050	-.2200	-.0766	.0528	.0999	.0000	.2079	.2343

MACH (1) = .200 ALPHA (8) = 25.440 Q(PSF) = 60.617 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3455	-.3524	-.3317	-.0984	-.0884	-.0095	.0590	.1104	.0000	.2035	.2244
44.800	-.3516							.0996		.1972	.2244
50.100	-.6913							.0960		.1936	.2244
101.400	-.8237	-.5804	-.5911	-.3662	-.1749	-.0113	.0707	.1104	.0000		.2244
115.600	-.6898									.2081	.2244
133.800	-.5192	-.5758	-.6538	-.3248	-.1726	-.0502	.0743	.1141			.2244
149.100	-.6209									.2017	.2244
180.000	-.5215	-.3348	-.4970	-.4916	-.2866	-.1197	.0328	.0969	.0000	.2026	.2244

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC15) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 ALPHA (1) = -4.130 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1746	-.1731	-.1685	-.0695	-.0158	.0383	.0836	.1053	.0000	.1488	.1443
44.800	-.1892							.1080		.1560	.1443
50.100	-.8990							.1071		.1588	.1443
101.400	-.8261	-.4708	-.4332	-.2276	-.0764	.0510	.1135	.1325	.0000		.1443
115.600	-.5168									.1705	.1443
133.800	-.4248	-.4708	-.5667	-.2560	-.0887	.0275	.0917	.0981			.1443
149.100	-.4524									.1579	.1443
180.000	-.3933	-.2997	-.4271	-.3887	-.1938	-.0349	.0863	.1262	.0000	.1506	.1443

MACH (1) = .200 ALPHA (2) = .050 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1566	-.1573	-.1527	-.0950	-.0135	.0448	.0983	.1301	.0000	.1845	.1909
44.800	-.1704							.1292		.1845	.1909
50.100	-.9103							.1274		.1845	.1909
101.400	-.8434	-.4742	-.4434	-.2427	-.0835	.0529	.1156	.1428	.0000		.1909
115.600	-.4980									.1918	.1909
133.800	-.4227	-.4634	-.5403	-.2204	-.0597	.0502	.1156	.1328			.1909
149.100	-.4596									.1900	.1909
180.000	-.4173	-.3219	-.4073	-.3342	-.1450	.0085	.1083	.1401	.0000	.1882	.1909

MACH (1) = .200 ALPHA (3) = 4.250 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1502	-.1517	-.1471	-.0611	-.0166	.0474	.1036	.1353	.0000	.1888	.2006
44.800	-.1655							.1317		.1869	.2006
50.100	-.9840							.1317		.1897	.2006
101.400	-.8588	-.4749	-.4550	-.2599	-.0956	.0492	.1181	.1435	.0000		.2006
115.600	-.4887									.1851	.2006
133.800	-.4166	-.4519	-.5087	-.1924	-.0373	.0619	.1244	.1453			.2006

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC15)

MACH (1) = .200 ALPHA (3) = 4.250

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4611										
180.000	-.4204	-.3221	-.3851	-.2891	-.1002	.0320	.1108	.1380	.0000	.1869	.2006
										.1869	.2006

MACH (1) = .200 ALPHA (4) = 8.470 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1707	-.1730	-.1645	-.0598	-.0158	.0521	.1094	.1448	.0000	.2013	.2141
44.800	-.1845							.1394		.2022	.2141
50.100	-.9395							.1385		.2004	.2141
101.400	-.8655	-.4811	-.4619	-.2754	-.1052	.0521	.1257	.1530	.0000		.2141
115.600	-.4927									.1976	.2141
133.800	-.4233	-.4565	-.5027	-.1845	-.0320	.0685	.1376	.1539			.2141
149.100	-.4619									.1985	.2141
180.000	-.4411	-.3009	-.3787	-.3016	-.0983	.0321	.1212	.1457	.0000	.1994	.2141

MACH (1) = .200 ALPHA (5) = 12.660 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2185	-.2177	-.2054	-.0536	-.0135	.0503	.1094	.1530	.0000	.2159	.2351
44.800	-.2269							.1476		.2123	.2351
50.100	-.8618							.1467		.2123	.2351
101.400	-.8579	-.4889	-.4858	-.2994	-.1260	.0494	.1412	.1694	.0000		.2351
115.600	-.5020									.2095	.2351
133.800	-.4257	-.4558	-.5004	-.2100	-.0613	.0476	.1385	.1576			.2351
149.100	-.4681									.2040	.2351
180.000	-.4542	-.2909	-.3803	-.3163	-.1145	.0167	.1130	.1412	.0000	.2059	.2351

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC15)

MACH (1) = .200 ALPHA (6) = 16.950 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2437	-.2453	-.2245	-.0512	-.0189	.0494	.1048	.1547	.0000	.2121	.2368
44.800	-.2476							.1466		.2121	.2368
50.100	-.8558							.1429		.2094	.2368
101.400	-.8488	-.4978	-.5047	-.3107	-.1267	.0521	.1366	.1647	.0000		.2368
115.600	-.5301									.2066	.2368
133.800	-.4524	-.4701	-.5324	-.2599	-.1105	.0139	.1284	.1520			.2368
149.100	-.4747									.2021	.2368
180.000	-.4747	-.2907	-.4000	-.3507	-.1544	-.0205	.0848	.1175	.0000	.2002	.2368

MACH (1) = .200 ALPHA (7) = 21.210 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2807	-.2815	-.2677	-.0657	-.0411	.0347	.0909	.1380	.0000	.2107	.2407
44.800	-.2846							.1308		.2107	.2407
50.100	-.7560							.1317		.2098	.2407
101.400	-.8321	-.5257	-.5349	-.2991	-.1018	.0447	.1272	.1553	.0000		.2407
115.600	-.5994									.2180	.2407
133.800	-.5119	-.5426	-.5771	-.3007	-.1525	-.0105	.1154	.1380			.2407
149.100	-.4673									.2116	.2407
180.000	-.4673	-.3038	-.4412	-.4020	-.2116	-.0703	.0538	.1009	.0000	.2079	.2407

MACH (1) = .200 ALPHA (8) = 25.430 Q(PSF) = 60.646 PO = 2117.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3597	-.3558	-.3313	-.1031	-.0901	-.0177	.0527	.1088	.0000	.1965	.2338
44.800	-.3627							.1006		.1938	.2338
50.100	-.6684							.0979		.1938	.2338
101.400	-.8009	-.5726	-.5512	-.3267	-.1307	.0048	.0798	.1142	.0000		.2338
115.600	-.7105									.2138	.2338
133.800	-.5489	-.6033	-.6576	-.3336	-.1843	-.0638	.0798	.1205			.2338
149.100	-.6454									.2001	.2338
180.000	-.4845	-.3375	-.5060	-.4953	-.2854	-.1289	.0265	.0889	.0000	.2001	.2338

OA176 B26CSPR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC16) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1940	-.1932	-.1839	-.0644	-.0174	.0421	.0931	.1186	.0000	.1668	.1713
44.800	-.2032							.1168		.1659	.1713
50.100	-.6003							.1158		.1641	.1713
101.400	-.7460	-.5024	-.4923	-.2965	-.1284	.0340	.1131	.1350	.0000		.1713
115.600	-.4985									.1686	.1713
133.800	-.3805	-.4353	-.5409	-.2410	-.0876	.0330	.1222	.1350			.1713
149.100	-.4168									.1704	.1713
180.000	-.4214	-.3281	-.4160	-.3512	-.1500	.0012	.1040	.1386	.0000	.1741	.1713

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1782	-.1775	-.1729	-.0713	-.0166	.0403	.0966	.1256	.0000	.1774	.1883
44.800	-.1921							.1229		.1774	.1883
50.100	-.5231							.1229		.1756	.1883
101.400	-.6924	-.5000	-.4823	-.2845	-.1144	.0421	.1147	.1393	.0000		.1883
115.600	-.5031									.1792	.1883
133.800	-.3938	-.4438	-.5416	-.2344	-.0782	.0412	.1220	.1384			.1883
149.100	-.4300									.1838	.1883
180.000	-.4284	-.3222	-.4061	-.3384	-.1451	.0066	.1066	.1393	.0000	.1847	.1883

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1559	-.1566	-.1520	-.0689	-.0181	.0393	.0965	.1283	.0000	.1828	.1938
44.800	-.1690							.1265		.1819	.1938
50.100	-.3913							.1247		.1828	.1938
101.400	-.6291	-.4929	-.4714	-.2736	-.1059	.0457	.1147	.1410	.0000		.1938
115.600	-.4983									.1855	.1938
133.800	-.3998	-.4475	-.5391	-.2297	-.0712	.0439	.1220	.1392			.1938

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC16)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4367									.1865	.1938
180.000	-.4306	-.3136	-.4044	-.3344	-.1397	.0094	.1084	.1401	.0000	.1865	.1938

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1581	-.1589	-.1550	-.0650	-.0150	.0439	.0974	.1301	.0000	.1854	.1936
44.800	-.1719							.1283		.1845	.1936
50.100	-.3442							.1255		.1836	.1936
101.400	-.5657	-.4834	-.4619	-.2611	-.0973	.0475	.1137	.1410	.0000		.1936
115.600	-.4988									.1882	.1936
133.800	-.4073	-.4526	-.5372	-.2258	-.0666	.0466	.1210	.1382			.1936
149.100	-.4442									.1900	.1936
180.000	-.4250	-.3073	-.4034	-.3357	-.1373	.0112	.1083	.1419	.0000	.1882	.1936

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1580	-.1595	-.1549	-.0658	-.0166	.0456	.0992	.1309	.0000	.1817	.1944
44.800	-.1726							.1282		.1835	.1944
50.100	-.3232							.1264		.1835	.1944
101.400	-.5107	-.4754	-.4508	-.2494	-.0842	.0520	.1128	.1391	.0000		.1944
115.600	-.4977									.1899	.1944
133.800	-.4147	-.4577	-.5400	-.2225	-.0619	.0502	.1191	.1354			.1944
149.100	-.4508									.1899	.1944
180.000	-.4254	-.3155	-.4032	-.3386	-.1403	.0103	.1091	.1409	.0000	.1890	.1944

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC16)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1566	-.1573	-.1535	-.0666	-.0181	.0430	.1001	.1292	.0000	.1836	.1918
44.800	-.1704							.1274		.1836	.1918
50.100	-.3189							.1292		.1836	.1918
101.400	-.4665	-.4735	-.4419	-.2435	-.0835	.0529	.1137	.1419	.0000		.1918
115.600	-.4973									.1918	.1918
133.800	-.4219	-.4627	-.5396	-.2204	-.0566	.0511	.1147	.1310			.1918
149.100	-.4604									.1900	.1918
180.000	-.4150	-.3219	-.4050	-.3358	-.1420	.0094	.1074	.1410	.0000	.1891	.1918

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1567	-.1575	-.1537	-.0628	-.0174	.0421	.0921	.1211	.0000	.1693	.1729
44.800	-.1698							.1211		.1766	.1729
50.100	-.3069							.1202		.1738	.1729
101.400	-.4247	-.4640	-.4278	-.2330	-.0821	.0494	.1166	.1430	.0000		.1729
115.600	-.4963									.1902	.1729
133.800	-.4386	-.4747	-.5394	-.2168	-.0528	.0457	.0993	.1139			.1729
149.100	-.4770									.1838	.1729
180.000	-.4131	-.3254	-.4062	-.3415	-.1490	.0030	.1039	.1375	.0000	.1766	.1729

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1592	-.1608	-.1554	-.0652	-.0189	.0358	.0849	.1122	.0000	.1586	.1495
44.800	-.1747							.1140		.1668	.1495
50.100	-.2872							.1113		.1677	.1495
101.400	-.3944	-.4514	-.4082	-.2124	-.0683	.0494	.1113	.1358	.0000		.1495
115.600	-.4969									.1813	.1495
133.800	-.4591	-.4899	-.5447	-.2132	-.0475	.0385	.0831	.1095			.1495
149.100	-.4984									.1604	.1495
180.000	-.4206	-.3365	-.4182	-.3597	-.1562	-.0060	.0967	.1258	.0000	.1549	.1495

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC16)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1647	-.1655	-.1609	-.0652	-.0220	.0349	.0831	.1122	.0000	.1505	.1477
44.800	-.1794							.1113		.1577	.1477
50.100	-.2796							.1131		.1605	.1477
101.400	-.3606	-.4447	-.3822	-.2017	-.0644	.0476	.1059	.1286	.0000		.1477
115.600	-.4948									.1696	.1477
133.800	-.4786	-.5064	-.5503	-.2071	-.0436	.0267	.0758	.1259			.1477
149.100	-.5218									.1350	.1477
180.000	-.4431	-.3537	-.4223	-.3706	-.1593	-.0124	.0913	.1223	.0000	.1423	.1477

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.538 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1715	-.1730	-.1684	-.0682	-.0297	.0312	.0821	.1158	.0000	.1521	.1476
44.800	-.1854							.1158		.1622	.1476
50.100	-.2670							.1158		.1667	.1476
101.400	-.3379	-.4173	-.3626	-.1869	-.0490	.0549	.1130	.1367	.0000		.1476
115.600	-.4828									.1703	.1476
133.800	-.4982	-.5198	-.5483	-.1923	-.0367	.0203	.1021	.1403			.1476
149.100	-.5429									.1358	.1476
180.000	-.4527	-.3672	-.4242	-.3711	-.1545	-.0078	.0976	.1258	.0000	.1412	.1476

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC17) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1562	-.1585	-.1539	-.0618	-.0196	.0447	.0981	.1352	.0000	.1950	.2105
44.800	-.1723							.1270		.1941	.2105
50.100	-.4017							.1234		.1941	.2105
101.400	-.3365	-.5114	-.5152	-.3403	-.1754	.0048	.1080	.1334	.0000		.2105
115.600	-.5198									.1995	.2105
133.800	-.4017	-.4523	-.5375	-.2314	-.0787	.0347	.1107	.1261			.2105
149.100	-.4324									.1950	.2105
180.000	-.4239	-.3365	-.3733	-.2874	-.1025	.0302	.1144	.1424	.0000	.2005	.2105

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1497	-.1513	-.1474	-.0597	-.0135	.0493	.1002	.1374	.0000	.1892	.1938
44.800	-.1659							.1311		.1865	.1938
50.100	-.4014							.1293		.1865	.1938
101.400	-.3468	-.5038	-.4976	-.3160	-.1490	.0230	.1147	.1365	.0000		.1938
115.600	-.5138									.1920	.1938
133.800	-.4060	-.4491	-.5230	-.2136	-.0620	.0448	.1202	.1338			.1938
149.100	-.4398									.1892	.1938
180.000	-.4376	-.3191	-.3737	-.2783	-.0920	.0339	.1138	.1438	.0000	.1892	.1938

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1488	-.1488	-.1449	-.0642	-.0189	.0447	.1010	.1363	.0000	.1871	.1972
44.800	-.1641							.1318		.1853	.1972
50.100	-.3978							.1291		.1871	.1972
101.400	-.3563	-.4969	-.4877	-.3063	-.1388	.0293	.1164	.1409	.0000		.1972
115.600	-.5085									.1899	.1972
133.800	-.4093	-.4508	-.5154	-.2087	-.0542	.0511	.1255	.1400			.1972

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC17)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4439									.1917	.1972
180.000	-.4393	-.2963	-.3778	-.2887	-.0927	.0420	.1227	.1490	.0000	.1926	.1972

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1489	-.1497	-.1458	-.0627	-.0158	.0493	.1038	.1374	.0000	.1909	.2001
44.800	-.1627							.1328		.1873	.2001
50.100	-.3973							.1319		.1891	.2001
101.400	-.3589	-.4912	-.4773	-.2927	-.1258	.0375	.1183	.1437	.0000		.2001
115.600	-.5043									.1891	.2001
133.800	-.4127	-.4527	-.5150	-.2020	-.0474	.0566	.1265	.1437			.2001
149.100	-.4496									.1928	.2001
180.000	-.4327	-.3012	-.3766	-.2904	-.0935	.0430	.1210	.1473	.0000	.1937	.2001

MACH (1) = .200 BETA (5) = 1.020 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1480	-.1503	-.1449	-.0688	-.0143	.0465	.1019	.1363	.0000	.1890	.2017
44.800	-.1618							.1363		.1890	.2017
50.100	-.3801							.1336		.1908	.2017
101.400	-.3586	-.4862	-.4654	-.2817	-.1142	.0411	.1182	.1481	.0000		.2017
115.600	-.4977									.1954	.2017
133.800	-.4162	-.4539	-.5100	-.1964	-.0404	.0611	.1264	.1481			.2017
149.100	-.4554									.1954	.2017
180.000	-.4447	-.2940	-.3809	-.2994	-.0957	.0402	.1218	.1490	.0000	.1954	.2017

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC17)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1495	-.1518	-.1464	-.0611	-.0196	.0474	.1018	.1345	.0000	.1880	.2016
44.800	-.1633							.1318		.1861	.2018
50.100	-.3669							.1308		.1880	.2016
101.400	-.3538	-.4783	-.4583	-.2655	-.0988	.0492	.1163	.1444	.0000		.2016
115.600	-.4890									.1881	.2016
133.800	-.4184	-.4514	-.4990	-.1871	-.0312	.0638	.1254	.1472			.2016
149.100	-.4629									.1861	.2016
180.000	-.4168	-.3254	-.3792	-.2870	-.0919	.0356	.1100	.1372	.0000	.1861	.2016

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1530	-.1553	-.1523	-.0636	-.0236	.0485	.0994	.1349	.0000	.1922	.2059
44.800	-.1692							.1349		.1941	.2059
50.100	-.3472							.1322		.1968	.2059
101.400	-.3449	-.4696	-.4397	-.2432	-.0744	.0612	.1131	.1431	.0000		.2059
115.600	-.4836									.1950	.2059
133.800	-.4351	-.4675	-.5145	-.1885	-.0282	.0667	.1240	.1376			.2059
149.100	-.4767									.1941	.2059
180.000	-.4297	-.3465	-.3742	-.2817	-.0991	.0321	.1103	.1376	.0000	.1931	.2059

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1647	-.1663	-.1632	-.0699	-.0236	.0358	.0913	.1286	.0000	.1905	.2034
44.800	-.1786							.1250		.1915	.2034
50.100	-.3259							.1250		.1933	.2034
101.400	-.3382	-.4686	-.4323	-.2287	-.0598	.0649	.1104	.1323	.0000		.2034
115.600	-.5025									.1979	.2034
133.800	-.4478	-.4740	-.5056	-.1832	-.0282	.0604	.1141	.1304			.2034
149.100	-.4894									.1933	.2034
180.000	-.4269	-.3521	-.3799	-.2951	-.1030	.0303	.1132	.1405	.0000	.1823	.2034

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC17)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1735	-.1750	-.1704	-.0774	-.0335	.0321	.0865	.1219	.0000	.1737	.1827
44.800	-.1866							.1247		.1800	.1827
50.100	-.3066							.1247		.1809	.1827
101.400	-.3258	-.4473	-.3996	-.1997	-.0397	.0702	.1228	.1392	.0000		.1827
115.600	-.4635									.1827	.1827
133.800	-.4573	-.4773	-.4904	-.1481	-.0081	.0538	.1110	.1383			.1827
149.100	-.5089									.1564	.1827
180.000	-.4335	-.3558	-.3843	-.3104	-.1066	.0284	.1101	.1319	.0000	.1455	.1827

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.593 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1807	-.1845	-.1799	-.0890	-.0497	.0139	.0712	.1121	.0000	.1712	.1857
44.800	-.1945							.1121		.1857	.1857
50.100	-.2854							.1112		.1866	.1857
101.400	-.3201	-.4079	-.3409	-.1491	-.0289	.0348	.0803	.1248	.0000		.1857
115.600	-.4287									.1949	.1857
133.800	-.4626	-.4757	-.4487	-.0821	-.0259	.0230	.0730	.1166			.1857
149.100	-.5234									.1485	.1857
180.000	-.4626	-.3640	-.3894	-.3201	-.1121	.0076	.0885	.1130	.0000	.1439	.1857

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC18) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1773	-.1766	-.1673	-.0550	-.0197	.0475	.1074	.1491	.0000	.2010	.2165
44.800	-.1858							.1337		.1937	.2165
50.100	-.4304							.1274		.1927	.2165
101.400	-.3327	-.5057	-.5219	-.3635	-.2035	-.0205	.0956	.1301	.0000		.2165
115.600	-.5488									.2037	.2165
133.800	-.4250	-.4719	-.5403	-.2235	-.0735	.0275	.0947	.1265			.2165
149.100	-.4334									.2000	.2165
180.000	-.4050	-.3273	-.3573	-.2612	-.0850	.0348	.1147	.1401	.0000	.2010	.2165

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1830	-.1815	-.1746	-.0567	-.0174	.0458	.1094	.1521	.0000	.2105	.2297
44.800	-.1931							.1403		.2068	.2297
50.100	-.4173							.1367		.2059	.2297
101.400	-.3441	-.5043	-.5113	-.3410	-.1738	.0076	.1149	.1467	.0000		.2297
115.600	-.5336									.2068	.2297
133.800	-.4188	-.4558	-.5036	-.1961	-.0536	.0412	.1112	.1367			.2297
149.100	-.4342									.2004	.2297
180.000	-.4763	-.2871	-.3834	-.3148	-.1114	.0267	.1203	.1440	.0000	.2013	.2297

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1828	-.1836	-.1728	-.0551	-.0143	.0521	.1056	.1456	.0000	.2056	.2239
44.800	-.1944							.1401		.2020	.2239
50.100	-.4014							.1374		.2029	.2239
101.400	-.3529	-.4983	-.4999	-.3267	-.1605	.0175	.1220	.1510	.0000		.2239
115.600	-.5291									.2038	.2239
133.800	-.4152	-.4491	-.4860	-.1951	-.0520	.0484	.1220	.1456			.2239

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC18)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4406									.2002	.2239
180.000	-.4653	-.2729	-.3783	-.3044	-.1020	.0312	.1220	.1474	.0000	.1993	.2239

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1871	-.1878	-.1778	-.0560	-.0143	.0467	.1086	.1423	.0000	.2070	.2253
44.800	-.1971							.1386		.2070	.2253
50.100	-.3914							.1368		.2042	.2253
101.400	-.3644	-.4955	-.4925	-.3159	-.1454	.0276	.1268	.1559	.0000		.2253
115.600	-.5194									.2042	.2253
133.800	-.4153	-.4477	-.4778	-.1963	-.0513	.0522	.1295	.1505			.2253
149.100	-.4508									.2015	.2253
180.000	-.5040	-.2603	-.3829	-.3151	-.1069	.0303	.1241	.1495	.0000	.2015	.2253

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1895	-.1895	-.1764	-.0606	-.0166	.0486	.1078	.1442	.0000	.2081	.2227
44.800	-.2003							.1387		.2081	.2227
50.100	-.3871							.1387		.2053	.2227
101.400	-.3624	-.4936	-.4851	-.3045	-.1355	.0376	.1305	.1579	.0000		.2227
115.600	-.5121									.2017	.2227
133.800	-.4195	-.4511	-.4866	-.1988	-.0514	.0531	.1360	.1533			.2227
149.100	-.4589									.1989	.2227
180.000	-.4666	-.2752	-.3794	-.3061	-.1046	.0294	.1214	.1478	.0000	.1989	.2227

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC18)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1924	-.1932	-.1808	-.0567	-.0166	.0522	.1095	.1486	.0000	.2133	.2280
44.800	-.2024							.1431		.2106	.2280
50.100	-.3782							.1431		.2106	.2280
101.400	-.3582	-.4869	-.4730	-.2888	-.1153	.0512	.1368	.1622	.0000		.2280
115.600	-.4939									.2060	.2280
133.800	-.4222	-.4553	-.4992	-.1955	-.0467	.0603	.1422	.1577			.2280
149.100	-.4653									.1996	.2280
180.000	-.4553	-.2942	-.3828	-.3104	-.1099	.0249	.1195	.1459	.0000	.1996	.2280

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1988	-.1996	-.1873	-.0552	-.0159	.0522	.1069	.1479	.0000	.1971	.2127
44.800	-.2096							.1461		.1980	.2127
50.100	-.3702							.1442		.1980	.2127
101.400	-.3563	-.4713	-.4559	-.2637	-.0908	.0641	.1360	.1615	.0000		.2127
115.600	-.4937									.1962	.2127
133.800	-.4335	-.4652	-.5084	-.1842	-.0275	.0704	.1406	.1497			.2127
149.100	-.4752									.1962	.2127
180.000	-.3833	-.3270	-.3586	-.2784	-.0861	.0349	.1142	.1379	.0000	.1971	.2127

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2052	-.2044	-.1929	-.0636	-.0266	.0421	.1048	.1502	.0000	.2130	.2304
44.800	-.2144							.1502		.2157	.2304
50.100	-.3807							.1502		.2139	.2304
101.400	-.3537	-.4707	-.4407	-.2421	-.0720	.0766	.1465	.1702	.0000		.2304
115.600	-.5077									.2139	.2304
133.800	-.4400	-.4700	-.5108	-.1775	-.0166	.0811	.1447	.1629			.2304
149.100	-.4815									.2039	.2304
180.000	-.3815	-.3283	-.3476	-.2629	-.0820	.0384	.1211	.1456	.0000	.2020	.2304

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC18)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2088	-.2096	-.2019	-.0830	-.0444	.0322	.0968	.1460	.0000	.2200	.2364
44.800	-.2165							.1487		.2200	.2364
50.100	-.3415							.1487		.2181	.2364
101.400	-.3500	-.4696	-.4411	-.2289	-.0568	.0868	.1524	.1751	.0000		.2364
115.600	-.5182									.2172	.2364
133.800	-.4588	-.4812	-.5128	-.1748	-.0136	.0786	.1414	.1624			.2364
149.100	-.4974									.2071	.2364
180.000	-.4017	-.3377	-.3570	-.2759	-.0876	.0367	.1232	.1451	.0000	.2016	.2364

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.475 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2156	-.2179	-.2079	-.0976	-.0583	.0203	.0840	.1332	.0000	.2125	.2363
44.800	-.2210							.1368		.2134	.2363
50.100	-.3312							.1377		.2143	.2363
101.400	-.3498	-.4685	-.4261	-.2063	-.0321	.0931	.1450	.1732	.0000		.2363
115.600	-.5132									.2180	.2363
133.800	-.4754	-.4924	-.5024	-.1685	-.0012	.0731	.1350	.1714			.2363
149.100	-.5171									.1868	.2363
180.000	-.4654	-.3636	-.3528	-.2757	-.0845	.0331	.1186	.1395	.0000	.1650	.2363

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC19) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.010 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2397	-.2389	-.2243	-.0651	-.0351	.0366	.1011	.1555	.0000	.2184	.2521
44.800	-.2435							.1347		.2129	.2521
50.100	-.3935							.1265		.2120	.2521
101.400	-.3412	-.4943	-.5405	-.3874	-.2389	-.0332	.1020	.1437	.0000		.2521
115.600	-.5651									.2065	.2521
133.800	-.4474	-.4905	-.5466	-.2197	-.0697	.0166	.0811	.1283			.2521
149.100	-.4266									.1910	.2521
180.000	-.4351	-.3089	-.3959	-.3374	-.1358	-.0123	.0847	.1083	.0000	.1955	.2521

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2408	-.2400	-.2184	-.0505	-.0189	.0467	.1076	.1539	.0000	.2132	.2397
44.800	-.2454							.1403		.2113	.2397
50.100	-.3879							.1367		.2123	.2397
101.400	-.3425	-.4981	-.5312	-.3648	-.2084	-.0060	.1167	.1548	.0000		.2397
115.600	-.5497									.2077	.2397
133.800	-.4318	-.4688	-.5081	-.1976	-.0651	.0212	.0957	.1276			.2397
149.100	-.4449									.2031	.2397
180.000	-.4750	-.2939	-.3995	-.3363	-.1414	-.0096	.0912	.1194	.0000	.2040	.2397

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2435	-.2405	-.2228	-.0466	-.0151	.0484	.1083	.1528	.0000	.2101	.2321
44.800	-.2489							.1410		.2092	.2321
50.100	-.4751							.1365		.2101	.2321
101.400	-.3666	-.4989	-.5243	-.3535	-.1920	.0076	.1247	.1564	.0000		.2321
115.600	-.5436									.2101	.2321
133.800	-.4266	-.4582	-.4928	-.1989	-.0674	.0248	.1120	.1310			.2321

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC19)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4982									.2001	.2321
180.000	-.4905	-.2805	-.3897	-.3289	-.1405	-.0114	.0920	.1238	.0000	.2019	.2321

MACH (1) = .200 BETA (4) = -.010 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2442	-.2465	-.2189	-.0427	-.0074	.0538	.1101	.1491	.0000	.2083	.2283
44.800	-.2527							.1455		.2092	.2283
50.100	-.5211							.1437		.2083	.2283
101.400	-.3981	-.4988	-.5157	-.3388	-.1735	.0212	.1292	.1637	.0000		.2283
115.600	-.5357									.2073	.2283
133.800	-.4381	-.4619	-.4727	-.2035	-.0712	.0311	.1183	.1446			.2283
149.100	-.4542									.1991	.2283
180.000	-.4896	-.2727	-.3827	-.3265	-.1381	-.0087	.0892	.1255	.0000	.2000	.2283

MACH (1) = .200 BETA (5) = .970 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2425	-.2432	-.2225	-.0511	-.0127	.0511	.1064	.1517	.0000	.2108	.2327
44.800	-.2501							.1445		.2099	.2327
50.100	-.5167							.1417		.2090	.2327
101.400	-.4184	-.4968	-.5137	-.3308	-.1541	.0384	.1381	.1671	.0000		.2327
115.600	-.5306									.2062	.2327
133.800	-.4630	-.4906	-.4875	-.2202	-.0796	.0302	.1254	.1508			.2327
149.100	-.4568									.2017	.2327
180.000	-.4845	-.2824	-.3884	-.3370	-.1418	-.0132	.0901	.1218	.0000	.2017	.2327

OA176 B26C9PRIM16N28W116E43F8V8R5TC1SX9015 TCONE (RFJC19)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2445	-.2437	-.2206	-.0489	-.0181	.0484	.1048	.1502	.0000	.2167	.2377
44.800	-.2507							.1438		.2130	.2377
50.100	-.5093							.1438		.2103	.2377
101.400	-.4300	-.4947	-.5016	-.3076	-.1306	.0503	.1384	.1647	.0000		.2377
115.600	-.5186									.2085	.2377
133.800	-.4393	-.4655	-.5247	-.2460	-.0982	.0248	.1302	.1529			.2377
149.100	-.4724									.2021	.2377
180.000	-.4601	-.2922	-.3992	-.3415	-.1467	-.0105	.0911	.1229	.0000	.2030	.2377

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2444	-.2444	-.2228	-.0581	-.0289	.0439	.1056	.1519	.0000	.2202	.2504
44.800	-.2505							.1492		.2193	.2504
50.100	-.4883							.1510		.2184	.2504
101.400	-.4352	-.4806	-.4713	-.2613	-.0743	.0693	.1374	.1583	.0000		.2504
115.600	-.5098									.2147	.2504
133.800	-.4359	-.4683	-.5321	-.2228	-.0681	.0439	.1338	.1483			.2504
149.100	-.4798									.1992	.2504
180.000	-.4182	-.2951	-.3905	-.3344	-.1351	-.0123	.0856	.1074	.0000	.1956	.2504

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2414	-.2406	-.2244	-.0790	-.0459	.0312	.1002	.1511	.0000	.2039	.2313
44.800	-.2475							.1529		.2094	.2313
50.100	-.4723							.1556		.2103	.2313
101.400	-.4392	-.4723	-.4492	-.2368	-.0651	.0830	.1529	.1802	.0000		.2313
115.600	-.5362									.2130	.2313
133.800	-.4515	-.4846	-.5308	-.1975	-.0358	.0693	.1393	.1593			.2313
149.100	-.4908									.2020	.2313
180.000	-.4161	-.3461	-.3507	-.2714	-.0905	.0212	.1011	.1275	.0000	.2020	.2313

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC19)

MACH (1) = .200 BETA (9) = 7.970 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2368	-.2391	-.2253	-.0890	-.0574	.0294	.0975	.1493	.0000	.2249	.2514
44.800	-.2422							.1566		.2259	.2514
50.100	-.4655							.1593		.2240	.2514
101.400	-.4463	-.4748	-.4470	-.2222	-.0505	.0957	.1648	.1893	.0000		.2514
115.600	-.5625									.2249	.2514
133.800	-.4671	-.5009	-.5464	-.1991	-.0320	.0784	.1430	.1675			.2514
149.100	-.5102									.2149	.2514
180.000	-.3716	-.3331	-.3446	-.2592	-.0874	.0257	.1093	.1339	.0000	.2085	.2514

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.584 PO = 2117.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2470	-.2455	-.2316	-.1034	-.0650	.0193	.0873	.1417	.0000	.2280	.2609
44.800	-.2508							.1499		.2317	.2609
50.100	-.4490							.1508		.2335	.2609
101.400	-.4467	-.4713	-.4329	-.2024	-.0181	.1036	.1589	.1907	.0000		.2609
115.600	-.5788									.2390	.2609
133.800	-.4997	-.5212	-.5588	-.2078	-.0173	.0973	.1417	.1734			.2609
149.100	-.5396									.2116	.2609
180.000	-.3607	-.3468	-.3584	-.2685	-.0880	.0293	.1127	.1218	.0000	.1980	.2609

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC20) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = .000

MACH (1) = .200 BETA (1) = -4.020 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2651	-.2651	-.2482	-.0830	-.0629	.0094	.0750	.1369	.0000	.2044	.2383
44.800	-.2783							.1150		.2035	.2383
50.100	-.5792							.1078		.2026	.2383
101.400	-.4604	-.5059	-.5700	-.4064	-.2242	-.0206	.0932	.1342	.0000		.2383
115.600	-.5638									.1989	.2383
133.800	-.4666	-.5160	-.5885	-.2574	-.1000	-.0051	.0786	.1087			.2383
149.100	-.4419									.1715	.2383
180.000	-.4218	-.2922	-.4241	-.3801	-.1803	-.0561	.0540	.0813	.0000	.1779	.2383

MACH (1) = .200 BETA (2) = -2.020 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2756	-.2756	-.2540	-.0708	-.0484	.0213	.0824	.1399	.0000	.2075	.2433
44.800	-.2810							.1225		.2066	.2433
50.100	-.5245							.1143		.2038	.2433
101.400	-.4774	-.5299	-.5771	-.3800	-.1952	.0021	.0943	.1326	.0000		.2433
115.600	-.5763									.2047	.2433
133.800	-.4581	-.5013	-.5593	-.2447	-.1133	-.0188	.0797	.1107			.2433
149.100	-.4519									.1992	.2433
180.000	-.4851	.2988	-.4310	-.4024	-.2053	-.0644	.0587	.1034	.0000	.2056	.2433

MACH (1) = .200 BETA (3) = -1.030 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2810	-.2764	-.2502	-.0627	-.0350	.0248	.0892	.1400	.0000	.2036	.2346
44.800	-.2856							.1264		.1990	.2346
50.100	-.5139							.1200		.1999	.2346
101.400	-.4747	-.5308	-.5600	-.3617	-.1749	.0157	.1028	.1382	.0000		.2346
115.600	-.5777									.2063	.2346
133.800	-.4547	-.4916	-.5362	-.2441	-.1188	-.0168	.0910	.1218			.2346

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC20)

MACH (1) = .200 BETA (3) = -1.030

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5062									.1999	.2346
180.000	-.4924	-.3048	-.4286	-.3978	-.2126	-.0713	.0547	.1073	.0000	.2036	.2346

MACH (1) = .200 BETA (4) = -.010 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2842	-.2780	-.2570	-.0578	-.0314	.0287	.0954	.1375	.0000	.2108	.2357
44.800	-.2904							.1293		.2071	.2357
50.100	-.5314							.1247		.2081	.2357
101.400	-.4803	-.5314	-.5640	-.3501	-.1586	.0241	.1119	.1439	.0000		.2357
115.600	-.5826									.2099	.2357
133.800	-.4601	-.5012	-.5485	-.2485	-.1260	-.0225	.0973	.1220			.2357
149.100	-.5950									.2044	.2357
180.000	-.5012	-.3090	-.4431	-.4043	-.2237	-.0765	.0552	.1055	.0000	.2071	.2357

MACH (1) = .200 BETA (5) = .960 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2855	-.2855	-.2586	-.0581	-.0358	.0329	.0928	.1363	.0000	.2117	.2354
44.800	-.2893							.1290		.2071	.2354
50.100	-.5344							.1272		.2062	.2354
101.400	-.4883	-.5352	-.5498	-.3239	-.1341	.0347	.1191	.1508	.0000		.2354
115.600	-.5928									.2081	.2354
133.800	-.4953	-.5306	-.5444	-.2678	-.1403	-.0214	.0982	.1254			.2354
149.100	-.4807									.2044	.2354
180.000	-.4845	-.3070	-.4445	-.4046	-.2202	-.0785	.0511	.1028	.0000	.2053	.2354

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC20)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2834	-.2826	-.2595	-.0635	-.0427	.0311	.0865	.1409	.0000	.2091	.2429
44.800	-.2895							.1355		.2064	.2429
50.100	-.5471							.1337		.2082	.2429
101.400	-.5002	-.5279	-.5355	-.2995	-.1042	.0420	.1219	.1564	.0000		.2429
115.600	-.5986									.2146	.2429
133.800	-.5271	-.5586	-.5740	-.3072	-.1534	-.0123	.1119	.1391			.2429
149.100	-.4771									.2091	.2429
180.000	-.4664	-.3041	-.4371	-.4002	-.2119	-.0731	.0538	.0992	.0000	.2073	.2429

MACH (1) = .200 BETA (7) = 3.960 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2895	-.2903	-.2626	-.0796	-.0558	.0212	.0792	.1355	.0000	.2118	.2438
44.800	-.2941							.1337		.2064	.2438
50.100	-.5463							.1328		.2064	.2438
101.400	-.5025	-.5156	-.4956	-.2603	-.0835	.0484	.1237	.1545	.0000		.2438
115.600	-.6086									.2246	.2438
133.800	-.4310	-.4741	-.5863	-.2880	-.1281	-.0014	.1182	.1482			.2438
149.100	-.4979									.2055	.2438
180.000	-.4079	-.3134	-.4256	-.3933	-.1880	-.0668	.0484	.0856	.0000	.1963	.2438

MACH (1) = .200 BETA (8) = 5.960 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3090	-.3044	-.2829	-.0966	-.0697	.0112	.0775	.1365	.0000	.2002	.2349
44.800	-.3075							.1365		.2038	.2349
50.100	-.5314							.1402		.2038	.2349
101.400	-.5076	-.4830	-.4529	-.2344	-.0597	.0702	.1356	.1629	.0000		.2349
115.600	-.6276									.2120	.2349
133.800	-.4899	-.5276	-.6030	-.2667	-.0882	.0339	.1011	.1338			.2349
149.100	-.5176									.1929	.2349
180.000	-.3937	-.4160	-.4406	-.3244	-.1305	-.0132	.0702	.0966	.0000	.1938	.2349

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC20)

MACH (1) = .200 BETA (9) = 8.020 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3063	-.3163	-.2902	-.1027	-.0688	.0230	.0855	.1400	.0000	.1935	.2227
44.800	-.3132							.1499		.1953	.2227
50.100	-.5138							.1518		.1963	.2227
101.400	-.5084	-.4869	-.4585	-.2287	-.0550	.0756	.1382	.1681	.0000		.2227
115.600	-.6622									.2127	.2227
133.800	-.5123	-.5469	-.6076	-.2571	-.0704	.0230	.1028	.1327			.2227
149.100	-.5377									.1963	.2227
180.000	-.3870	-.3570	-.3716	-.2948	-.1265	-.0132	.0728	.1073	.0000	.1972	.2227

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.498 PO = 2118.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3324	-.3231	-.3030	-.1016	-.0722	.0103	.0777	.1433	.0000	.2246	.2658
44.800	-.3308							.1460		.2301	.2658
50.100	-.4867							.1451		.2319	.2658
101.400	-.4983	-.4929	-.4512	-.2181	-.0329	.0741	.1506	.1743	.0000		.2658
115.600	-.6859									.2457	.2658
133.800	-.5500	-.5755	-.6442	-.2598	-.0537	.0613	.1269	.1679			.2658
149.100	-.5894									.1962	.2658
180.000	-.4142	-.3594	-.3733	-.2907	-.1178	.0003	.0932	.1051	.0000	.1843	.2658

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC21) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 ALPHA (1) = -4.120 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1876	-.1884	-.1784	-.0564	.0002	.0564	.0999	.1243	.0000	.1642	.1714
44.800	-.2060							.1243		.1660	.1714
50.100	-.8098							.1279		.1687	.1714
101.400	-.7400	-.4661	-.4308	-.2245	-.0641	.0637	.1234	.1479	.0000		.1714
115.600	-.4983									.1768	.1714
133.800	-.3963	-.4416	-.5444	-.2375	-.0733	.0474	.1171	.1289			.1714
149.100	-.4285									.1714	.1714
180.000	-.3963	-.2883	-.4132	-.3656	-.1692	-.0096	.1044	.1415	.0000	.1741	.1714

MACH (1) = .200 ALPHA (2) = .070 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1505	-.1536	-.1490	-.0458	.0010	.0602	.1156	.1411	.0000	.1947	.2038
44.800	-.1721							.1429		.1911	.2038
50.100	-.8055							.1411		.1911	.2038
101.400	-.7455	-.4745	-.4568	-.2529	-.0882	.0575	.1247	.1493	.0000		.2038
115.600	-.4899									.1956	.2038
133.800	-.4007	-.4422	-.5307	-.2144	-.0528	.0593	.1320	.1493			.2038
149.100	-.4391									.1993	.2038
180.000	-.4214	-.2991	-.3907	-.3191	-.1220	.0294	.1238	.1520	.0000	.1993	.2038

MACH (1) = .200 ALPHA (3) = 4.270 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1492	-.1530	-.1492	-.0475	-.0074	.0612	.1176	.1467	.0000	.1950	.2041
44.800	-.1746							.1449		.1941	.2041
50.100	-.8583							.1431		.1941	.2041
101.400	-.7581	-.4798	-.4667	-.2818	-.1137	.0439	.1304	.1522	.0000		.2041
115.600	-.4976									.1932	.2041
133.800	-.4028	-.4475	-.5107	-.1931	-.0413	.0658	.1322	.1513			.2041

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC21)

MACH (1) = .200 ALPHA (3) = 4.270

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4467									.1968	.2041
180.000	-.4336	-.2987	-.3704	-.2764	-.0837	.0540	.1258	.1576	.0000	.1932	.2041

MACH (1) = .200 ALPHA (4) = 8.480 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1648	-.1640	-.1556	-.0504	-.0035	.0556	.1163	.1526	.0000	.2071	.2308
44.800	-.1825							.1462		.2089	.2308
50.100	-.8146							.1417		.2107	.2308
101.400	-.7632	-.4859	-.4759	-.3054	-.1310	.0402	.1335	.1535	.0000		.2308
115.600	-.5158									.2107	.2308
133.800	-.4068	-.4467	-.4828	-.1940	-.0388	.0601	.1335	.1553			.2308
149.100	-.4506									.2089	.2308
180.000	-.4782	-.2631	-.3799	-.3023	-.0888	.0456	.1335	.1607	.0000	.2126	.2308

MACH (1) = .200 ALPHA (5) = 12.700 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2235	-.2204	-.2027	-.0450	-.0035	.0538	.1137	.1528	.0000	.2110	.2283
44.800	-.2381							.1491		.2110	.2283
50.100	-.7410							.1464		.2110	.2283
101.400	-.7533	-.4942	-.5019	-.3281	-.1589	.0239	.1319	.1673	.0000		.2283
115.600	-.5342									.2146	.2283
133.800	-.4234	-.4480	-.4680	-.1912	-.0512	.0502	.1246	.1546			.2283
149.100	-.4549									.2055	.2283
180.000	-.5072	-.2611	-.3788	-.3111	-.1127	.0212	.1156	.1446	.0000	.2055	.2283

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC21)

MACH (1) = .200 ALPHA (6) = 16.980 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2479	-.2510	-.2271	-.0373	-.0027	.0565	.1164	.1563	.0000	.2145	.2355
44.800	-.2602							.1490		.2117	.2355
50.100	-.6952							.1481		.2145	.2355
101.400	-.7436	-.5092	-.5330	-.3478	-.1757	.0211	.1300	.1699	.0000		.2355
115.600	-.5453									.2172	.2355
133.800	-.4392	-.4715	-.4884	-.2072	-.0742	.0230	.1127	.1427			.2355
149.100	-.4800									.2081	.2355
180.000	-.5046	-.2779	-.3908	-.3401	-.1511	-.0205	.0828	.1254	.0000	.2099	.2355

MACH (1) = .200 ALPHA (7) = 21.240 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2988	-.2973	-.2782	-.0525	-.0310	.0310	.0933	.1366	.0000	.2090	.2362
44.800	-.3072							.1294		.2044	.2362
50.100	-.6462							.1249		.2044	.2362
101.400	-.7265	-.5322	-.5597	-.3470	-.1542	.0247	.1095	.1429	.0000		.2362
115.600	-.5949									.2099	.2362
133.800	-.4687	-.5069	-.5566	-.2552	-.1244	-.0204	.0996	.1276			.2362
149.100	-.6286									.2108	.2362
180.000	-.5031	-.3134	-.4480	-.4159	-.2261	-.0773	.0563	.1122	.0000	.2126	.2362

MACH (1) = .200 ALPHA (8) = 25.460 Q(PSF) = 60.681 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3530	-.3514	-.3369	-.1029	-.0930	-.0186	.0544	.1104	.0000	.2025	.2261
44.800	-.3606							.0969		.1998	.2261
50.100	-.6061							.0932		.1980	.2261
101.400	-.7040	-.5816	-.5931	-.3706	-.1778	-.0177	.0671	.1050	.0000		.2261
115.600	-.7078									.2134	.2261
133.800	-.5289	-.5809	-.6604	-.3346	-.1778	-.0502	.0725	.1149			.2261
149.100	-.5954									.2044	.2261
180.000	-.5273	-.3430	-.5013	-.4952	-.2910	-.1205	.0382	.1041	.0000	.2044	.2261

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC22) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.960 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1481	-.1496	-.1434	-.0499	-.0043	.0523	.1043	.1307	.0000	.1754	.1836
44.800	-.1643							.1280		.1754	.1836
50.100	-.8066							.1262		.1727	.1836
101.400	-.7332	-.4905	-.4835	-.2911	-.1195	.0450	.1234	.1462	.0000		.1836
115.600	-.4943									.1809	.1836
133.800	-.3738	-.4302	-.5330	-.2300	-.0762	.0441	.1316	.1462			.1836
149.100	-.4124									.1800	.1836
180.000	-.4186	-.3228	-.4055	-.3359	-.1311	.0185	.1170	.1508	.0000	.1809	.1836

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1472	-.1472	-.1448	-.0530	-.0058	.0559	.1051	.1361	.0000	.1880	.1963
44.800	-.1649							.1333		.1871	.1963
50.100	-.8306							.1333		.1844	.1963
101.400	-.7526	-.4885	-.4715	-.2761	-.1078	.0513	.1261	.1488	.0000		.1963
115.600	-.4955									.1980	.1963
133.800	-.3873	-.4375	-.5279	-.2228	-.0645	.0513	.1333	.1479			.1963
149.100	-.4229									.1917	.1963
180.000	-.4113	-.3225	-.3974	-.3256	-.1263	.0213	.1188	.1516	.0000	.1945	.1963

MACH (1) = .200 BETA (3) = -.970 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1439	-.1454	-.1439	-.0552	-.0004	.0549	.1059	.1395	.0000	.1896	.2024
44.800	-.1609							.1377		.1896	.2024
50.100	-.8141							.1350		.1905	.2024
101.400	-.7663	-.4832	-.4663	-.2673	-.0953	.0558	.1250	.1505	.0000		.2024
115.600	-.4932									.1942	.2024
133.800	-.3930	-.4385	-.5279	-.2202	-.0583	.0576	.1323	.1477			.2024

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC22)

MACH (1) = .200 BETA (3) = -.970

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4292									.1997	.2024
180.000	-.4246	-.3058	-.3938	-.3205	-.1192	.0267	.1195	.1496	.0000	.1969	.2024

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1469	-.1453	-.1422	-.0482	-.0020	.0576	.1149	.1422	.0000	.1904	.2041
44.800	-.1661							.1404		.1913	.2041
50.100	-.8104							.1376		.1913	.2041
101.400	-.7565	-.4752	-.4552	-.2579	-.0883	.0558	.1249	.1495	.0000		.2041
115.600	-.4891									.1950	.2041
133.800	-.4004	-.4444	-.5261	-.2162	-.0521	.0567	.1304	.1485			.2041
149.100	-.4390									.2014	.2041
180.000	-.4220	-.3026	-.3873	-.3210	-.1207	.0303	.1222	.1513	.0000	.1968	.2041

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1440	-.1448	-.1417	-.0450	-.0035	.0592	.1118	.1389	.0000	.1906	.1997
44.800	-.1648							.1380		.1924	.1997
50.100	-.7760							.1371		.1943	.1997
101.400	-.7668	-.4635	-.4412	-.2385	-.0765	.0628	.1235	.1462	.0000		.1997
115.600	-.4850									.1952	.1997
133.800	-.4066	-.4496	-.5272	-.2085	-.0480	.0610	.1299	.1462			.1997
149.100	-.4420									.1970	.1997
180.000	-.4189	-.3091	-.3936	-.3168	-.1225	.0266	.1226	.1498	.0000	.1970	.1997

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC22)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1457	-.1457	-.1419	-.0450	-.0066	.0574	.1128	.1409	.0000	.1926	.2045
44.800	-.1649							.1382		.1926	.2045
50.100	-.7614							.1373		.1917	.2045
101.400	-.7591	-.4616	-.4270	-.2310	-.0688	.0656	.1237	.1500	.0000		.2045
115.600	-.4877									.1990	.2045
133.800	-.4124	-.4532	-.5246	-.2064	-.0427	.0647	.1282	.1436			.2045
149.100	-.4516									.1999	.2045
180.000	-.4078	-.3117	-.3940	-.3202	-.1234	.0239	.1209	.1536	.0000	.2008	.2045

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1518	-.1510	-.1456	-.0504	-.0020	.0520	.1082	.1345	.0000	.1861	.1871
44.800	-.1687							.1336		.1898	.1871
50.100	-.7364							.1336		.1907	.1871
101.400	-.7541	-.4560	-.4191	-.2224	-.0703	.0638	.1254	.1517	.0000		.1871
115.600	-.4859									.2025	.1871
133.800	-.4322	-.4652	-.5305	-.2017	-.0427	.0592	.1118	.1272			.1871
149.100	-.4713									.1971	.1871
180.000	-.4153	-.3162	-.3976	-.3239	-.1310	.0193	.1172	.1490	.0000	.1889	.1871

MACH (1) = .200 BETA (8) = 5.990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1581	-.1604	-.1543	-.0474	-.0043	.0493	.1002	.1238	.0000	.1664	.1573
44.800	-.1774							.1219		.1746	.1573
50.100	-.7212							.1238		.1791	.1573
101.400	-.7405	-.4443	-.3997	-.2028	-.0597	.0602	.1228	.1446	.0000		.1573
115.600	-.4851									.1891	.1573
133.800	-.4489	-.4851	-.5343	-.1997	-.0343	.0511	.0965	.1238			.1573
149.100	-.4912									.1691	.1573
180.000	-.4197	-.3320	-.4082	-.3428	-.1374	.0085	.1101	.1392	.0000	.1655	.1573

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9G15 TCONE (RFJC22)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1661	-.1676	-.1645	-.0497	-.0081	.0476	.0957	.1239	.0000	.1539	.1566
44.800	-.1868							.1239		.1676	.1566
50.100	-.6968							.1230		.1657	.1566
101.400	-.7299	-.4349	-.3717	-.1915	-.0497	.0594	.1148	.1385	.0000		.1566
115.600	-.4857									.1703	.1566
133.800	-.4726	-.4996	-.5389	-.1922	-.0312	.0385	.0903	.1376			.1566
149.100	-.5196									.1412	.1566
180.000	-.4349	-.3486	-.4118	-.3555	-.1445	.0057	.1030	.1330	.0000	.1485	.1566

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.512 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1724	-.1740	-.1694	-.0575	-.0143	.0440	.0940	.1286	.0000	.1623	.1641
44.800	-.1910							.1250		.1742	.1641
50.100	-.6476							.1241		.1769	.1641
101.400	-.7070	-.4092	-.3475	-.1678	-.0236	.0640	.1113	.1414	.0000		.1641
115.600	-.4709									.1805	.1641
133.800	-.4910	-.5157	-.5327	-.1740	-.0213	.0303	.1123	.1432			.1641
149.100	-.5396									.1459	.1641
180.000	-.4509	-.3645	-.4154	-.3614	-.1393	.0076	.1095	.1359	.0000	.1496	.1641

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC25) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1662	-.1700	-.1562	-.0421	.0210	.0931	.1340	.1504	.0000	.1959	.2014
44.800	-.1808							.1486		.1914	.2014
50.100	-.8523							.1449		.1895	.2014
101.400	-.3281	-.5038	-.4899	-.2911	-.1199	.0558	.1386	.1613	.0000		.2014
115.600	-.3913									.1959	.2014
133.800	-.3666	-.4213	-.5347	-.2371	-.0822	.0494	.1440	.1595			.2014
149.100	-.3612									.2014	.2014
180.000	-.3743	-.3936	-.4946	-.3797	-.1238	.0421	.1395	.1731	.0000	.2069	.2014

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1612	-.1627	-.1550	-.0404	.0241	.0974	.1382	.1510	.0000	.1891	.1900
44.800	-.1727							.1446		.1873	.1900
50.100	-.8233							.1455		.1836	.1900
101.400	-.3242	-.4903	-.4627	-.2588	-.0866	.0729	.1437	.1637	.0000		.1900
115.600	-.3896									.1873	.1900
133.800	-.3619	-.4142	-.5173	-.2196	-.0597	.0620	.1473	.1591			.1900
149.100	-.3488									.1991	.1900
180.000	-.3619	-.3896	-.4826	-.3704	-.1066	.0420	.1337	.1664	.0000	.2019	.1900

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1639	-.1616	-.1554	-.0405	.0288	.1004	.1413	.1513	.0000	.1850	.1859
44.800	-.1739							.1486		.1831	.1859
50.100	-.8037							.1468		.1831	.1859
101.400	-.3227	-.4792	-.4445	-.2410	-.0667	.0794	.1458	.1659	.0000		.1859
115.600	-.3874									.1877	.1859
133.800	-.3604	-.4090	-.5069	-.2109	-.0521	.0694	.1431	.1559			.1859

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC25)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3512									.1968	.1859
180.000	-.3643	-.3851	-.4761	-.3558	-.1007	.0403	.1277	.1640	.0000	.1968	.1859

MACH (1) = .200 BETA (4) = -.010 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1582	-.1628	-.1551	-.0389	.0287	.1056	.1410	.1537	.0000	.1810	.1837
44.800	-.1682							.1492		.1810	.1837
50.100	-.7776							.1510		.1810	.1837
101.400	-.3121	-.4667	-.4259	-.2259	-.0528	.0875	.1438	.1656	.0000		.1837
115.600	-.3852									.1910	.1837
133.800	-.3605	-.4028	-.4983	-.2036	-.0428	.0720	.1392	.1492			.1837
149.100	-.3475									.1983	.1837
180.000	-.3628	-.3882	-.4736	-.3436	-.0905	.0393	.1229	.1628	.0000	.1965	.1837

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1599	-.1599	-.1499	-.0443	.0241	.1021	.1466	.1539	.0000	.1848	.1739
44.800	-.1684							.1521		.1885	.1739
50.100	-.7546							.1512		.1894	.1739
101.400	-.3124	-.4511	-.4102	-.2046	-.0343	.0921	.1494	.1666	.0000		.1739
115.600	-.3848									.2022	.1739
133.800	-.3594	-.4072	-.4911	-.1946	-.0343	.0757	.1385	.1494			.1739
149.100	-.3502									.2049	.1739
180.000	-.3632	-.3887	-.4765	-.3471	-.1013	.0439	.1294	.1639	.0000	.1967	.1739

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC25)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1582	-.1574	-.1497	-.0428	.0249	.0956	.1420	.1538	.0000	.1855	.1238
44.800	-.1643							.1510		.1928	.1238
50.100	-.7253							.1519		.1956	.1238
101.400	-.3005	-.4475	-.3960	-.1920	-.0258	.0965	.1474	.1710	.0000		.1238
115.600	-.3813									.2129	.1238
133.800	-.3636	-.4121	-.4937	-.1936	-.0320	.0775	.1274	.1410			.1238
149.100	-.3575									.2038	.1238
180.000	-.3613	-.3906	-.4791	-.3536	-.1136	.0511	.1320	.1683	.0000	.1910	.1238

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1539	-.1562	-.1477	-.0449	.0186	.0881	.1352	.1497	.0000	.1950	.1551
44.800	-.1608							.1533		.2077	.1551
50.100	-.7016							.1533		.2086	.1551
101.400	-.2912	-.4254	-.3717	-.1677	-.0196	.0981	.1551	.1777	.0000		.1551
115.600	-.3832									.2277	.1551
133.800	-.3732	-.4124	-.4891	-.1838	-.0327	.0573	.1044	.1144			.1551
149.100	-.3763									.2023	.1551
180.000	-.3725	-.4009	-.4921	-.3771	-.1270	.0465	.1279	.1578	.0000	.1886	.1551

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1527	-.1527	-.1465	-.0466	.0095	.0756	.1228	.1437	.0000	.1936	.1564
44.800	-.1565							.1482		.2100	.1564
50.100	-.6740							.1482		.2091	.1564
101.400	-.2772	-.3926	-.3334	-.1358	.0018	.1019	.1518	.1736	.0000		.1564
115.600	-.3833									.2301	.1564
133.800	-.3826	-.4164	-.4810	-.1780	-.0312	.0357	.0910	.1364			.1564
149.100	-.4003									.1881	.1564
180.000	-.3780	-.4049	-.5025	-.3879	-.1319	.0384	.1264	.1591	.0000	.1809	.1564

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC25)

MACH (1) = .200 BETA (9) = 7.970 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1490	-.1498	-.1406	-.0505	.0025	.0666	.1148	.1348	.0000	.1811	.1311
44.800	-.1521							.1393		.1957	.1311
50.100	-.6549							.1411		.1948	.1311
101.400	-.2615	-.3685	-.2938	-.1098	.0179	.1084	.1530	.1766	.0000		.1311
115.600	-.3831									.2186	.1311
133.800	-.3978	-.4301	-.4825	-.1737	-.0428	.0166	.1148	.1766			.1311
149.100	-.4440									.1775	.1311
180.000	-.3785	-.4070	-.5156	-.4008	-.1367	.0312	.1293	.1629	.0000	.1575	.1311

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.549 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1432	-.1448	-.1378	-.0537	-.0058	.0577	.1041	.1269	.0000	.1697	.1542
44.800	-.1448							.1333		.1761	.1542
50.100	-.6195							.1324		.1752	.1542
101.400	-.2583	-.3470	-.2668	-.0962	.0249	.1051	.1497	.1761	.0000		.1542
115.600	-.3741									.2145	.1542
133.800	-.4196	-.4466	-.4775	-.1749	-.0715	-.0178	.1451	.1798			.1542
149.100	-.4960									.1670	.1542
180.000	-.3841	-.4126	-.5130	-.4003	-.1355	.0240	.1160	.1579	.0000	.1460	.1542

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC26) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1615	-.1623	-.1592	-.0644	-.0051	.0812	.1449	.1686	.0000	.2069	.2114
44.800	-.1700							.1658		.1986	.2114
50.100	-.8667							.1631		.1977	.2114
101.400	-.3157	-.5068	-.5045	-.3265	-.1561	.0276	.1294	.1567	.0000		.2114
115.600	-.4028									.2014	.2114
133.800	-.3943	-.4390	-.5292	-.2270	-.0683	.0549	.1349	.1549			.2114
149.100	-.3812									.2032	.2114
180.000	-.3504	-.3658	-.4259	-.2995	-.0698	.0721	.1476	.1731	.0000	.2151	.2114

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1638	-.1638	-.1584	-.0644	-.0058	.0785	.1430	.1703	.0000	.1976	.1894
44.800	-.1684							.1685		.1912	.1894
50.100	-.8371							.1685		.1894	.1894
101.400	-.3171	-.4966	-.4773	-.2870	-.1129	.0621	.1412	.1621	.0000		.1894
115.600	-.3957									.1995	.1894
133.800	-.3779	-.4172	-.4958	-.1915	-.0359	.0748	.1449	.1612			.1894
149.100	-.3595									.2077	.1894
180.000	-.3564	-.3679	-.4180	-.2701	-.0436	.0676	.1349	.1621	.0000	.2123	.1894

MACH (1) = .200 BETA (3) = -.970 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1640	-.1664	-.1594	-.0645	-.0074	.0777	.1405	.1688	.0000	.1925	.1834
44.800	-.1687							.1660		.1916	.1834
50.100	-.8123							.1670		.1934	.1834
101.400	-.3122	-.4882	-.4619	-.2713	-.0938	.0713	.1433	.1660	.0000		.1834
115.600	-.3894									.2026	.1834
133.800	-.3686	-.4064	-.4751	-.1756	-.0220	.0804	.1396	.1606			.1834

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC26)

MACH (1) = .200 BETA (3) = -.970

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3500									.2117	.1834
180.000	-.3570	-.3662	-.4164	-.2335	-.0128	.0449	.0996	.1369	.0000	.2154	.1834

MACH (1) = .200 BETA (4) = -.010 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1649	-.1634	-.1580	-.0630	-.0035	.0805	.1479	.1716	.0000	.1963	.1899
44.800	-.1680							.1680		.1944	.1899
50.100	-.8005							.1680		.1963	.1899
101.400	-.3109	-.4769	-.4437	-.2506	-.0761	.0832	.1516	.1734	.0000		.1899
115.600	-.3827									.2119	.1899
133.800	-.3626	-.4036	-.4669	-.1719	-.0174	.0869	.1525	.1725			.1899
149.100	-.3487									.2164	.1899
180.000	-.3634	-.3758	-.4236	-.2754	-.0344	.0614	.1397	.1725	.0000	.2146	.1899

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1654	-.1647	-.1577	-.0652	-.0051	.0758	.1413	.1677	.0000	.1969	.1550
44.800	-.1701							.1650		.2015	.1550
50.100	-.7784							.1641		.2005	.1550
101.400	2.8270	-.4646	-.4222	-.2287	-.0629	.0831	.1513	.1732	.0000		.1550
115.600	-.3759									.2161	.1550
133.800	-.3582	-.3975	-.4538	-.1554	-.0066	.0867	.1395	.1632			.1550
149.100	-.3451									.2152	.1550
180.000	-.3613	-.3751	-.4229	-.2394	-.0020	.1213	.1049	.1377	.0000	.2060	.1550

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC26)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1623	-.1654	-.1592	-.0636	-.0035	.0785	.1394	.1676	.0000	.2032	.1376
44.800	-.1661							.1695		.2123	.1376
50.100	-.7572							.1685		.2123	.1376
101.400	-.3041	-.4505	-.4143	-.2108	-.0459	.0958	.1567	.1795	.0000		.1376
115.600	-.3750									.2251	.1376
133.800	-.3573	-.3889	-.4459	-.1492	-.0020	.0949	.1522	.1676			.1376
149.100	-.3480									.2151	.1376
180.000	-.3627	-.3773	-.4282	-.2725	-.0313	.0640	.1294	.1585	.0000	.1995	.1376

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1601	-.1593	-.1508	-.0637	-.0035	.0758	.1386	.1650	.0000	.1978	.0904
44.800	-.1624							.1650		.2170	.0904
50.100	-.7037							.1677		.2207	.0904
101.400	-.2958	-.4330	-.3775	-.1786	-.0097	.1049	.1577	.1823	.0000		.0904
115.600	-.3629									.2363	.0904
133.800	-.3606	-.3922	-.4492	-.1500	.0002	.0895	.4824	.1514			.0904
149.100	.2663									.1987	.0904
180.000	-.3513	-.3636	-.4261	-.2873	-.0614	.0740	.1322	.1577	.0000	.1796	.0904

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1544	-.1560	-.1490	-.0659	-.0089	.0712	.1330	.1584	.0000	.1975	.1720
44.800	-.1583							.1602		.2112	.1720
50.100	-.6333							.1602		.2112	.1720
101.400	-.2838	-.4093	-.3554	-.1490	.0095	.1121	.1557	.1757	.0000		.1720
115.600	-.3700									.2222	.1720
133.800	-.3623	-.3939	-.4370	-.1436	-.0035	.0721	.0067	.1302			.1720
149.100	-.3300									.1875	.1720
180.000	-.3608	-.3769	-.4462	-.3107	-.0682	.0748	.1339	.1575	.0000	.1775	.1720

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC26)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1541	-.1564	-.1471	-.0645	-.0105	.0650	.1251	.1461	.0000	.1862	.1698
44.800	-.1525							.1515		.1981	.1698
50.100	-.5618							.1534		.1990	.1698
101.400	-.2776	-.3927	-.3263	-.1302	.0774	.1197	.1652	.1825	.0000		.1698
115.600	-.3556									.2182	.1698
133.800	-.3656	-.3927	-.4212	-.1309	-.0105	.0477	.1115	.1625			.1698
149.100	-.4066									.1033	.1698
180.000	-.3788	-.3942	-.4676	-.3355	-.0877	.0513	.1288	.1670	.0000	.1461	.1698

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.456 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1560	-.1560	-.1506	-.0690	-.0197	.0530	.1093	.1348	.0000	.1757	.1493
44.800	-.1529							.1402		.1802	.1493
50.100	-.5294							.1402		.1802	.1493
101.400	-.2692	-.3546	-.2853	-.1036	.0210	.1012	.1520	.1757	.0000		.1493
115.600	-.3415									.2176	.1493
133.800	-.3793	-.4016	-.4185	-.1244	-.0266	.0385	.1357	.1720			.1493
149.100	-.4486									.1202	.1493
180.000	-.3839	-.4031	-.4801	-.3516	-.1052	.0157	.1039	.1357	.0000	.1002	.1493

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC27) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 ALPHA (1) = .060 Q(PSF) = 60.543 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1607	-.1591	-.1499	-.0428	.0249	.0976	.1448	.1548	.0000	.1848	.1821
44.800	-.1668							.1512		.1848	.1821
50.100	-.7785							.1503		.1839	.1821
101.400	-.3086	-.4588	-.4187	-.2184	-.0497	.0867	.1457	.1694	.0000		.1821
115.600	-.3787									.1985	.1821
133.800	-.3533	-.3979	-.4919	-.1938	-.0382	.0757	.1412	.1557			.1821
149.100	-.3425									.2004	.1821
180.000	-.3571	-.3764	-.4603	-.3294	-.0829	.0403	.1248	.1630	.0000	.1949	.1821

MACH (1) = .200 ALPHA (2) = 5.320 Q(PSF) = 60.543 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1645	-.1630	-.1591	-.0636	-.0035	.0785	.1457	.1721	.0000	.1976	.1821
44.800	-.1653							.1685		.1976	.1821
50.100	-.8000							.1703		.1994	.1821
101.400	-.3155	-.4780	-.4464	-.2500	-.0759	.0839	.1512	.1730	.0000		.1821
115.600	-.3833									.2150	.1821
133.800	-.3663	-.4025	-.4657	-.1691	-.0174	.0885	.1539	.1721			.1821
149.100	-.3471									.2168	.1821
180.000	-.3609	-.3771	-.4310	-.2716	-.0366	.0603	.1439	.1757	.0000	.2132	.1821

MACH (1) = .200 ALPHA (3) = 10.600 Q(PSF) = 60.543 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1802	-.1840	-.1763	-.0730	-.0190	.0722	.1487	.1869	.0000	.2235	.2217
44.800	-.1809							.1815		.2244	.2217
50.100	-.7055							.1815		.2263	.2217
101.400	-.3129	-.4880	-.4695	-.2781	-.0992	.0795	.1632	.1915	.0000		.2217
115.600	-.4031									.2363	.2217
133.800	-.3738	-.4062	-.4432	-.1640	-.0182	.0850	.1642	.1878			.2217

0A176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC27)

MACH (1) = .200 ALPHA (3) = 10.600

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3522									.2290	.2217
180.000	-.3823	-.3908	-.4687	-.3275	-.0791	.0777	.1678	.1942	.0000	.2290	.2217

MACH (1) = .200 ALPHA (4) = 21.220 Q(PSF) = 60.543 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2560	-.2514	-.2422	-.0733	-2.3314	.0401	.1171	.1688	.0000	.2497	.2579
44.800	-4.1496							.1579		.2434	.2579
50.100	-.5039							.1552		.2379	.2579
101.400	-.3473	-.5124	-.5254	-.2936	-.1071	-2.3365	.1407	.1660	.0000		.2579
115.600	-.4433									-1.1762	.2579
133.800	-.4149	-.4502	-.5024	-.2192	-.0872	.0266	.1380	.1651			.2579
149.100	-.5116									.2534	.2579
180.000	-.4157	-.4364	-.5538	-.4471	-.1989	-.0032	.1289	.1742	.0000	.2561	.2579

0A176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC28) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -2.600 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1325	-.1340	-.1309	-.0560	.0087	.0796	.1215	.1351	.0000	.1643	.1698
44.800	-.1456							.1360		.1661	.1698
50.100	-.8512							.1351		.1679	.1698
101.400	-.3231	-.4914	-.4691	-.2760	-.1077	.0531	.1196	.1488	.0000		.1698
115.600	-.3895									.1716	.1698
133.800	-.3587	-.4235	-.5293	-.2251	-.0838	-.0443	.0732	.1269			.1698
149.100	-.3919									.1725	.1698
180.000	-.4922	-.4181	-.3486	-.2714	-.1626	-.0525	.0650	.1078	.0000	.1643	.1698

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1371	-.1379	-.1386	-.0583	.0087	.0750	.1288	.1397	.0000	.1679	.1588
44.800	-.1479							.1379		.1679	.1588
50.100	-.8366							.1379		.1652	.1588
101.400	-.3247	-.4884	-.4637	-.2645	-.1070	.0504	.1233	.1488	.0000		.1588
115.600	-.3942									.1689	.1588
133.800	-.3695	-.4266	-.5309	-.2213	-.0730	.0367	.0659	.1087			.1588
149.100	-.4019									.1643	.1588
180.000	-.4946	-.4359	-.3765	-.2645	-.2645	-.0780	.0477	.1206	.0000	.1634	.1588

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1539	-.1523	-.1469	-.0590	.0002	.0722	.1240	.1368	.0000	.1650	.1586
44.800	-.1608							.1359		.1631	.1586
50.100	-.8184							.1349		.1641	.1586
101.400	-.3250	-.4877	-.4553	-.2541	-.0891	.0531	.1195	.1440	.0000		.1586
115.600	-.3990									.1522	.1586
133.800	-.3767	-.4314	-.5231	-.2071	-.0621	.0039	.0594	.1013			.1586

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC28)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4098									.1668	.1586
180.000	-.4823	-.3844	-.2495	-.2132	-.1939	-.1297	.0176	.0822	.0000	.1631	.1586

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1606	-.1621	-.1591	-.0536	-.0004	.0712	.1239	.1366	.0000	.1666	.1602
44.800	-.1668							.1366		.1611	.1602
50.100	-.7951							.1348		.1620	.1602
101.400	-.3208	-.4717	-.4486	-.2307	-.0705	.0584	.1157	.1357	.0000		.1602
115.600	-.4016									.1539	.1602
133.800	-.3824	-.4370	-.5194	-.1883	-.0351	-.0042	.0321	.0639			.1602
149.100	-.4209									.1611	.1602
180.000	-.4647	-.3893	-.2607	-.1360	-.0944	-.0696	-.0205	.0485	.0000	.1602	.1602

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1603	-.1595	-.1525	-.0560	.0033	.0741	.1279	.1470	.0000	.1725	.1698
44.800	-.1649							.1461		.1725	.1698
50.100	-.7671							.1479		.1698	.1698
101.400	-.3170	-.4660	-.4266	-.2189	-.0622	.0659	.1215	.1397	.0000		.1698
115.600	-.4073									.1825	.1698
133.800	-.3981	-.4428	-.5092	-.1796	-.0491	-.0242	.0458	.0896			.1698
149.100	-.4452									.1761	.1698
180.000	-.4675	-.3849	-.2722	-.1695	-.1448	-.0716	.0185	.0914	.0000	.1707	.1698

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC28)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1538	-.1569	-.1500	-.0590	.0049	.0767	.1340	.1504	.0000	.1768	.1677
44.800	-.1646							.1468		.1786	.1677
50.100	-.7459							.1449		.1786	.1677
101.400	-.3219	-.4653	-.4198	-.2132	-.0567	.0703	.1286	.1531	.0000		.1677
115.600	-.4159									.1895	.1677
133.800	-.4152	-.4576	-.5092	-.1785	-.0783	-.0151	.0594	.1049			.1677
149.100	-.4645									.1813	.1677
180.000	-.5316	-.4391	-.3173	-.2556	-.1446	-.0324	.0767	.1131	.0000	.1786	.1677

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.459 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1584	-.1592	-.1523	-.0528	.0103	.0840	.1285	.1476	.0000	.1813	.1704
44.800	-.1661							.1476		.1840	.1704
50.100	-.7164							.1458		.1813	.1704
101.400	-.3149	-.4513	-.4012	-.1946	-.0436	.0749	.1331	.1585	.0000		.1704
115.600	-.4297									.1995	.1704
133.800	-.4482	-.4806	-.5175	-.1669	-.0960	.0012	.0876	.1313			.1704
149.100	-.5075									.1895	.1704
180.000	-.5014	-.4844	-.4050	-.2779	-.1314	.0094	.0685	.1376	.0000	.1831	.1704

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1685	-.1708	-.1616	-.0511	.0102	.0845	.1280	.1424	.0000	.1823	.1642
44.800	-.1723							.1443		.1896	.1642
50.100	-.6910							.1415		.1896	.1642
101.400	-.3112	-.4301	-.3687	-.1654	-.0219	.0818	.1388	.1669	.0000		.1642
115.600	-.4370									.2150	.1642
133.800	-.4700	-.4976	-.5084	-.1516	-.0764	.0184	.1071	.1560			.1642
149.100	-.5483									.1959	.1642
180.000	-.6096	-.5245	-.4416	-.2981	-.1163	.0202	.1162	.1515	.0000	.1859	.1642

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC28)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1772	-.1772	-.1672	-.0560	.0033	.0750	.1279	.1433	.0000	.1843	.1251
44.800	-.1796							.1433		.1907	.1251
50.100	-.6644							.1443		.1926	.1251
101.400	-.3054	-.4236	-.3394	-.1495	-.0082	.0887	.1443	.1780	.0000		.1251
115.600	-.4429									.2375	.1251
133.800	-.4977	-.5177	-.4884	-.1533	-.0746	.0212	.1333	.1789			.1251
149.100	-.5903									.1816	.1251
180.000	-.6583	-.5926	-.4683	-.3162	-.1062	.0285	.1206	.1616	.0000	.1679	.1251

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.458 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1838	-.1838	-.1761	-.0713	-.0182	.0603	.1194	.1449	.0000	.1913	.1030
44.800	-.1846							.1467		.2004	.1030
50.100	-.6330							.1458		.2004	.1030
101.400	-.3187	-.3965	-.3241	-.1430	-.0120	.0794	.1421	.1767	.0000		.1030
115.600	-.4466									.2736	.1030
133.800	-.5290	-.5344	-.4627	-.1684	-.0613	.0312	.1340	.1803			.1030
149.100	-.6330									.1831	.1030
180.000	-.6985	-.6222	-.4643	-.3187	-.1045	.0267	.1258	.1667	.0000	.1540	.1030

0A176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC29) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1304	-.1281	-.1297	-.0781	-.0266	.0557	.1228	.1546	.0000	.1836	.1773
44.800	-.1373							.1501		.1809	.1773
50.100	-.8881							.1410		.1836	.1773
101.400	-.3112	-.4973	-.4950	-.3181	-.1573	.0148	.1092	.1364	.0000		.1773
115.600	-.3858									.1764	.1773
133.800	-.3643	-.4173	-.5104	-.2035	-.0574	.0094	.0675	.1128			.1773
149.100	-.3758									.1800	.1773
180.000	-.3750	-.3812	-.3981	-.2750	-.1235	-.0359	.0357	.1192	.0000	.1773	.1773

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1306	-.1298	-.1306	-.0875	-.0343	.0457	.1103	.1357	.0000	.1648	.1612
44.800	-.1375							.1348		.1703	.1612
50.100	-.8584							.1294		.1666	.1612
101.400	-.3154	-.4941	-.4803	-.3000	-.1445	.0121	.0957	.1166	.0000		.1612
115.600	-.3825									.1548	.1612
133.800	-.3532	-.3940	-.4564	-.1868	-.1406	-.1169	.0012	.0685			.1612
149.100	-.3309									.1484	.1612
180.000	-.2977	-.3070	-.3147	-.3478	-.3378	-.1432	-.0105	.0676	.0000	.1503	.1612

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1482	-.1489	-.1474	-.0866	-.0358	.0393	.1002	.1265	.0000	.1637	.1574
44.800	-.1536							.1301		.1674	.1574
50.100	-.8361							.1256		.1656	.1574
101.400	-.3182	-.4867	-.4652	-.2790	-.1274	.0121	.0902	.1220	.0000		.1574
115.600	-.3875									.1492	.1574
133.800	-.3652	-.3990	-.4560	-.1505	-.0943	-.1168	.0012	.0557			.1574

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC29)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3605									.1528	.1574
180.000	-.3844	-.3759	-.2336	-.1982	-.2167	-.1685	-.0414	.0611	.0000	.1538	.1574

MACH (1) = .200 BETA (4) = .010 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1559	-.1597	-.1536	-.0859	-.0335	.0403	.1011	.1274	.0000	.1665	.1565
44.800	-.1636							.1302		.1683	.1565
50.100	-.8193							.1274		.1683	.1565
101.400	-.3168	-.4791	-.4507	-.2636	-.1120	.0330	.0938	.1220	.0000		.1565
115.600	-.3845									.1529	.1565
133.800	-.3698	-.4037	-.4522	-.1367	-.0612	-.0795	.0275	.0675			.1565
149.100	-.4022									.1520	.1565
180.000	-.4330	-.3929	-.2198	-.1551	-.1613	-.1313	-.0305	.0430	.0000	.1592	.1565

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1645	-.1652	-.1614	-.0798	-.0289	.0457	.1048	.1366	.0000	.1702	.1639
44.800	-.1691							.1312		.1711	.1639
50.100	-.7936							.1302		.1693	.1639
101.400	-.3162	-.4740	-.4348	-.2430	-.0913	.0330	.0975	.1257	.0000		.1639
115.600	-.3878									.1611	.1639
133.800	-.3778	-.4155	-.4378	-.1144	-.0952	-.0805	.0166	.0703			.1639
149.100	-.4055									.1575	.1639
180.000	-.4686	-.4001	-.2207	-.1506	-.0805	-.1087	-.0151	.0539	.0000	.1493	.1639

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC29)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1481	-.1481	-.1458	-.0804	-.0327	.0439	.1029	.1355	.0000	.1673	.1537
44.800	-.1512							.1319		.1664	.1537
50.100	-.7680							.1301		.1682	.1537
101.400	-.3158	-.4658	-.4312	-.2435	-.1066	.0103	.0956	.1274	.0000		.1537
115.600	-.3796									.1519	.1537
133.800	-.3589	-.3819	-.4165	-.2304	-.2727	-.1757	.0112	.0457			.1537
149.100	-.3558									.1510	.1537
180.000	-.3081	-.2996	-.2835	-.2958	-.3312	-.2165	-.0395	.0584	.0000	.1464	.1537

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1526	-.1533	-.1495	-.0796	-.0250	.0556	.1127	.1445	.0000	.1717	.1626
44.800	-.1564							.1454		.1753	.1626
50.100	-.6989							.1445		.1780	.1626
101.400	-.3216	-.4546	-.4146	-.2171	-.0696	.0601	.1145	.1490	.0000		.1626
115.600	-.4000									.1780	.1626
133.800	-.4115	-.4207	-.4461	-.2686	-.1902	-.0803	.0338	.1073			.1626
149.100	-.4131									.1572	.1626
180.000	-.3485	-.3969	-.4238	-.3424	-.2310	-.0975	-.0087	.0819	.0000	.1590	.1626

MACH (1) = .200 BETA (8) = 5.990 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1731	-.1747	-.1654	-.0760	-.0189	.0612	.1268	.1513	.0000	.1813	.1531
44.800	-.1747							.1504		.1877	.1531
50.100	-.6110							.1540		.1905	.1531
101.400	-.3196	-.4499	-.3952	-.1301	-.0174	.0876	.1240	.1559	.0000		.1531
115.600	-.4237									.2023	.1531
133.800	-.4329	-.4584	-.4383	-.1700	-.1130	-.0133	.0958	.1431			.1531
149.100	-.4784									.1777	.1531
180.000	-.4846	-.4429	-.4537	-.3265	-.1554	-.0087	.0731	.1304	.0000	.1659	.1531

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC29)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1834	-.1857	-.1780	-.0745	-.0190	.0622	.1251	.1533	.0000	.1889	.1178
44.800	-.1857							.1542		.1980	.1178
50.100	-.5308							.1552		.1980	.1178
101.400	-.3223	-.4320	-.3633	-.1587	-.0035	.0850	.1379	.1688	.0000		.1178
115.600	-.4157									.2393	.1178
133.800	-.4721	-.4875	-.4289	-.1541	-.0622	.0386	.1178	.1606			.1178
149.100	-.5632									.1761	.1178
180.000	-.5856	-.5632	-.4806	-.2830	-.0985	.0285	.1114	.1533	.0000	.1497	.1178

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.528 PO = 2066.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1988	-.2004	-.1911	-.0830	-.0329	.0458	.1114	.1479	.0000	.1834	.0795
44.800	-.1980							.1488		.1971	.0795
50.100	-.5060							.1460		.1971	.0795
101.400	-.3246	-.3964	-.3061	-.1201	-.0236	.0404	.1023	.1561	.0000		.0795
115.600	-.4126									.2484	.0795
133.800	-.4968	-.4960	-.3725	-.1579	-.0568	.0112	.0896	.1442			.0795
149.100	-.6118									.1442	.0795
180.000	-.6650	-.6326	-.4836	-.2938	-.0838	.0294	.1178	.1570	.0000	.1269	.0795

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC30) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -2.440 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1319	-.1288	-.1265	-.0535	.0071	.0774	.1200	.1345	.0000	.1663	.1599
44.800	-.1395							.1336		.1626	.1599
50.100	-.8305							.1345		.1608	.1599
101.400	-.3163	-.4869	-.4608	-.2640	-.1080	.0502	.1218	.1427	.0000		.1599
115.600	-.3870									.1599	.1599
133.800	-.3632	-.4162	-.5207	-.2172	-.0673	.0275	.0638	.1091			.1599
149.100	-.3901									.1581	.1599
180.000	-.4831	-.4009	-.3363	-.2902	-.1864	-.0631	.0411	.0792	.0000	.1635	.1599

MACH (1) = .200 BETA (2) = -1.950 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1347	-.1370	-.1347	-.0537	.0056	.0713	.1232	.1359	.0000	.1632	.1623
44.800	-.1478							.1323		.1623	.1623
50.100	-.8335							.1314		.1623	.1623
101.400	-.3221	-.4895	-.4633	-.2650	-.1023	.0467	.1241	.1414	.0000		.1623
115.600	-.3915									.1642	.1623
133.800	-.3769	-.4270	-.5288	-.2249	-.0675	.0130	.0576	.1050			.1623
149.100	-.3977									.1596	.1623
180.000	-.4633	-.4139	-.3861	-.2882	-.2103	-.0624	.0340	.0922	.0000	.1687	.1623

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1447	-.1455	-.1455	-.0544	.0018	.0759	.1214	.1405	.0000	.1633	.1605
44.800	-.1547							.1378		.1642	.1605
50.100	-.8059							.1350		.1596	.1605
101.400	-.3183	-.4796	-.4510	-.2489	-.0915	.0577	.1214	.1414	.0000		.1605
115.600	-.3955									.1523	.1605
133.800	-.3800	-.4286	-.5174	-.2080	-.0629	.0203	.0686	.0986			.1605

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC30)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4186										
180.000	-.5096	-.4009	-.2442	-.2033	-.1625	-.1061	.0231	.0750	.0000	.1587 .1624	.1605 .1605

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1562	-.1562	-.1493	-.0544	.0064	.0767	.1259	.1423	.0000	.1650	.1659
44.800	-.1632							.1395		.1641	.1659
50.100	-.7940							.1386		.1659	.1659
101.400	-.3174	-.4739	-.4400	-.2364	-.0729	.0622	.1268	.1468	.0000		.1659
115.600	-.3999									.1559	.1659
133.800	-.3922	-.4439	-.5264	-.2033	-.0452	.0240	.0740	.0949			.1659
149.100	-.4392									.1632	.1659
180.000	-.5171	-.4107	-.3097	-.1562	-.0876	-.0970	-.0069	.0676	.0000	.1677	.1659

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1607	-.1607	-.1530	-.0505	.0079	.0812	.1294	.1430	.0000	.1694	.1666
44.800	-.1676							.1412		.1712	.1666
50.100	-.7561							.1412		.1685	.1666
101.400	-.3124	-.4641	-.4241	-.2184	-.0590	.0694	.1221	.1457	.0000		.1666
115.600	-.4025									.1803	.1666
133.800	-.4048	-.4495	-.5227	-.1876	-.0266	.0239	.0639	.0966			.1666
149.100	-.4580									.1721	.1666
180.000	-.4996	-.4302	-.3055	-.1784	-.0882	-.0251	.0467	.0939	.0000	.1712	.1666

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC30)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1619	-.1626	-.1534	-.0481	.0156	.0874	.1282	.1409	.0000	.1745	.1600
44.800	-.1657							.1418		.1781	.1600
50.100	-.7361							.1418		.1799	.1600
101.400	-.3126	-.4594	-.4125	-.2095	-.0504	.0729	.1300	.1554	.0000		.1600
115.600	-.4125									.1981	.1600
133.800	-.4163	-.4586	-.5224	-.1857	-.0343	.0239	.0756	.1119			.1600
149.100	-.4725									.1872	.1600
180.000	-.5340	-.4402	-.3310	-.2188	-.1227	-.0223	.0847	.1282	.0000	.1836	.1600

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1639	-.1647	-.1539	-.0477	.0204	.0872	.1292	.1365	.0000	.1823	.1704
44.800	-.1670							.1429		.1859	.1704
50.100	-.7102							.1429		.1905	.1704
101.400	-.3143	-.4522	-.3980	-.1934	-.0384	.0780	.1402	.1658	.0000		.1704
115.600	-.4243									.2062	.1704
133.800	-.4445	-.4840	-.5235	-.1717	-.0617	.0122	.1000	.1466			.1704
149.100	-.5126									.1960	.1704
180.000	-.5932	-.5196	-.4204	-.3065	-.1244	.0113	.1091	.1521	.0000	.1914	.1704

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1740	-.1732	-.1639	-.0467	.0157	.0858	.1250	.1359	.0000	.1796	.1541
44.800	-.1778							.1368		.1878	.1541
50.100	-.6907							.1386		.1878	.1541
101.400	-.3097	-.4346	-.3675	-.1662	-.0197	.0840	.1414	.1696	.0000		.1541
115.600	-.4363									.2125	.1541
133.800	-.4716	-.4994	-.5233	-.1539	-.0683	.0203	.1195	.1641			.1541
149.100	-.5511									.1887	.1541
180.000	-.6182	-.5403	-.4662	-.3259	-.1200	.0230	.1131	.1550	.0000	.1805	.1541

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC30)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1868	-.1853	-.1775	-.0515	.0064	.0788	.1253	.1417	.0000	.1801	.1208
44.800	-.1876							.1427		.1874	.1208
50.100	-.6671							.1408		.1874	.1208
101.400	-.3082	-.4211	-.3407	-.1489	-.0066	.0961	.1454	.1764	.0000		.1208
115.600	-.4474									.2296	.1208
133.800	-.5047	-.5240	-.5147	-.1536	-.0731	.0377	.1463	.1801			.1208
149.100	-.5982									.1773	.1208
180.000	-.6585	-.6029	-.4969	-.3252	-.1056	.0222	.1226	.1609	.0000	.1655	.1208

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.435 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1910	-.1902	-.1817	-.0583	-.0012	.0704	.1241	.1414	.0000	.1760	.0904
44.800	-.1910							.1423		.1815	.0904
50.100	-.6323							.1432		.1815	.0904
101.400	-.3175	-.3962	-.3237	-.1416	-.0082	.0850	.1441	.1724	.0000		.0904
115.600	-.4464									.2638	.0904
133.800	-.5343	-.5382	-.4718	-.1756	-.0622	.0404	.1369	.1787			.0904
149.100	-.6477									.1769	.0904
180.000	-.7233	-.6508	-.4880	-.3222	-.1069	.0258	.1241	.1660	.0000	.1532	.0904

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC31) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -2.450 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1294	-.1271	-.1271	-.0823	-.0298	.0477	.1124	.1397	.0000	.1707	.1661
44.800	-.1348							.1351		.1698	.1651
50.100	-.8659							.1360		.1707	.1661
101.400	-.3185	-.4892	-.4861	-.3031	-.1518	.0121	.0969	.1251	.0000		.1661
115.600	-.3849									.1625	.1661
133.800	-.3540	-.4104	-.4845	-.1880	-.1162	-.0998	.0367	.0759			.1661
149.100	-.3556									.1524	.1661
180.000	-.3301	-.3363	-.3533	-.3510	-.2838	-.1545	.0167	.0905	.0000	.1579	.1661

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1293	-.1285	-.1309	-.0822	-.0290	.0467	.1114	.1387	.0000	.1670	.1579
44.800	-.1363							.1323		.1670	.1579
50.100	-.8563							.1314		.1660	.1579
101.400	-.3153	-.4944	-.4789	-.2960	-.1432	.0167	.0987	.1214	.0000		.1579
115.600	-.3855									.1551	.1579
133.800	-.3578	-.3987	-.4666	-.1826	-.1432	-.1326	.0076	.0513			.1579
149.100	-.3315									.1460	.1579
180.000	-.3138	-.3114	-.3686	-.3701	-.3361	-.1654	-.0005	.0713	.0000	.1460	.1579

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1478	-.1509	-.1486	-.0845	-.0321	.0422	.1013	.1277	.0000	.1660	.1569
44.800	-.1555							.1268		.1651	.1569
50.100	-.8352							.1250		.1651	.1569
101.400	-.3191	-.4903	-.4679	-.2812	-.1223	.0203	.0941	.1168	.0000		.1569
115.600	-.3854									.1532	.1569
133.800	-.3677	-.4093	-.4610	-.1555	-.0799	-.0943	.0067	.0558			.1569

0A176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC31)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3800									.1578	.1569
180.000	-.4394	-.3700	-.2411	-.2087	-.2056	-.1553	-.0215	.0312	.0000	.1469	.1569

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1608	-.1608	-.1554	-.0791	-.0297	.0476	.1059	.1377	.0000	.1696	.1650
44.800	-.1631							.1322		.1668	.1650
50.100	-.8163							.1268		.1677	.1650
101.400	-.3158	-.4762	-.4461	-.2580	-.1076	.0321	.0958	.1277	.0000		.1650
115.600	-.3868									.1550	.1650
133.800	-.3775	-.4099	-.4515	-.1423	-.0544	-.0697	.0303	.0667			.1650
149.100	-.4084									.1541	.1650
180.000	-.4847	-.4053	-.2125	-.1454	-.1099	-.1061	-.0123	.0494	.0000	.1595	.1650

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1662	-.1678	-.1608	-.0775	-.0236	.0494	.1095	.1350	.0000	.1704	.1577
44.800	-.1693							.1322		.1732	.1577
50.100	-.7931							.1322		.1723	.1577
101.400	-.3158	-.4754	-.4368	-.2456	-.1022	.0303	.1086	.1240	.0000		.1577
115.600	-.3890									.1604	.1577
133.800	-.3844	-.4214	-.4546	-.1223	-.2634	-.0870	.0258	.0767			.1577
149.100	-.4083									.1468	.1577
180.000	-.4877	-.4006	-.2202	-.2341	-.2826	-.0697	-.0051	.0622	.0000	.1441	.1577

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC31)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1470	-.1462	-.1446	-.0806	-.0336	.0412	.1040	.1350	.0000	.1714	.1459
44.800	-.1547							.1377		.1705	.1459
50.100	-.7677							.1341		.1668	.1459
101.400	-.3158	-.4623	-.4307	-.2364	-.0937	.0176	.0895	.1332	.0000		.1459
115.600	-.3806									.1459	.1459
133.800	-.3590	-.3960	-.4168	-.1901	-.2757	-.1752	-.0060	.0494			.1459
149.100	-.3590									.1495	.1459
180.000	-.2919	-.3644	-.3081	-.2996	-.2919	-.2144	-.0406	.0676	.0000	.1432	.1459

MACH (1) = .200 BETA (7) = 4.000 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1535	-.1559	-.1543	-.0770	-.0182	.0550	.1171	.1463	.0000	.1801	.1636
44.800	-.1613							.1499		.1773	.1636
50.100	-.6987							.1454		.1819	.1636
101.400	-.3206	-.4574	-.4103	-.2108	-.0538	.0623	.1198	.1499	.0000		.1636
115.600	-.4056									.1819	.1636
133.800	-.4095	-.4373	-.4698	-.2525	-.1767	-.0498	.0651	.1034			.1636
149.100	-.4536									.1645	.1636
180.000	-.4311	-.4049	-.4265	-.2989	-.2077	-.1146	.0441	.1052	.0000	.1563	.1636

MACH (1) = .200 BETA (8) = 5.990 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1761	-.1753	-.1638	-.0744	-.0135	.0657	.1257	.1512	.0000	.1830	.1494
44.800	-.1753							.1521		.1894	.1494
50.100	-.6152							.1512		.1885	.1494
101.400	-.3171	-.4472	-.3972	-.1861	-.0212	.0830	.1294	.1639	.0000		.1494
115.600	-.4218									.2059	.1494
133.800	-.4372	-.4627	-.4565	-.1792	-.1037	.0157	.1148	.1412			.1494
149.100	-.5027									.1703	.1494
180.000	-.4850	-.4603	-.4596	-.3317	-.1514	-.0214	.0821	.1276	.0000	.1639	.1494

OA176 326C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC31)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1866	-.1866	-.1758	-.0715	-.0159	.0614	.1270	.1535	.0000	.1872	.1106
44.800	-.1874							.1544		.1954	.1106
50.100	-.5350							.1525		.2000	.1106
101.400	-.3195	-.4307	-.3597	-.1565	-.0012	.0869	.1380	.1699	.0000		.1106
115.600	-.4168									.2394	.1106
133.800	-.4763	-.4941	-.4477	-.1472	-.0653	.0413	.1225	.1617			.1106
149.100	-.5682									.1699	.1106
180.000	-.6038	-.5713	-.4987	-.2994	-.1063	.0322	.1161	.1553	.0000	.1489	.1106

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.392 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1985	-.1993	-.1892	-.0778	-.0283	.0496	.1153	.1436	.0000	.1829	.0779
44.800	-.1993							.1473		.1911	.0779
50.100	-.5033							.1473		.1948	.0779
101.400	-.3161	-.3880	-.2952	-.1087	-.0159	.0395	.1098	.1528	.0000		.0779
115.600	-.4058									.2278	.0779
133.800	-.4932	-.4986	-.4104	-.1559	-.0693	.0213	.0934	.1445			.0779
149.100	-.6085									.1272	.0779
180.000	-.6526	-.6193	-.5195	-.3207	-.0886	.0295	.1135	.1555	.0000	.1208	.0779

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC32) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -1.990 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1660	-.1675	-.1636	-.0813	-.0274	.0593	.1320	.1675	.0000	.2076	.2057
44.800	-.1667							.1611		.2057	.2057
50.100	-.7372							.1593		.2039	.2057
101.400	-.3122	-.4993	-.4916	-.3122	-.1421	.0394	.1338	.1593	.0000		.2057
115.600	-.4131									.2103	.2057
133.800	-.4008	-.4431	-.4985	-.1891	-.0412	.0584	.1311	.1556			.2057
149.100	-.4354									.2012	.2057
180.000	-.5871	-.5300	-.3777	-.2329	-.0767	.0457	.1302	.1629	.0000	.2012	.2057

MACH (1) = .200 BETA (2) = -.980 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1633	-.1679	-.1587	-.0873	-.0435	.0375	.1018	.1372	.0000	.1762	.1635
44.800	-.1656							.1318		.1735	.1635
50.100	-.7111							.1281		.1698	.1635
101.400	-.3131	-.4921	-.4768	-.2978	-.1395	.0193	.0946	.1309	.0000		.1635
115.600	-.3946									.1635	.1635
133.800	-.3608	-.3915	-.4284	-.1602	-.1203	-.0631	.0619	.0846			.1635
149.100	-.3846									.1662	.1635
180.000	-.3746	-.3477	-.3016	-.2686	-.2640	-.1220	.0211	.0928	.0000	.1662	.1635

MACH (1) = .200 BETA (3) = .000 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1822	-.1792	-.1707	-.0921	-.0405	.0385	.1057	.1403	.0000	.1739	.1730
44.800	-.1807							.1312		.1721	.1730
50.100	-.6853							.1330		.1703	.1730
101.400	-.3101	-.4819	-.4619	-.2778	-.1121	.0430	.0976	.1394	.0000		.1730
115.600	-.3972									.1630	.1730
133.800	-.3671	-.41[illegible]	-.4233	-.1360	-.0374	-.0642	.0294	.0885			.1730

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC32)

MACH (1) = .200 BETA (3) = .000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4041									.1667	.1730
180.000	-.4965	-.4203	-.2238	-.1345	-.0798	-.0678	.0094	.0721	.0000	.1676	.1730

MACH (1) = .200 BETA (4) = 1.010 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1807	-.1846	-.1761	-.0836	-.0336	.0512	.1203	.1476	.0000	.1922	.1940
44.800	-.1799							.1503		.1922	.1940
50.100	-.6615							.1539		.1922	.1940
101.400	-.3125	-.4827	-.4535	-.2601	-.0836	.0685	.1376	.1649	.0000		.1940
115.600	-.3972									.1912	.1940
133.800	-.3941	-.4265	-.4504	-.1491	-.0212	.0312	.1103	.1421			.1940
149.100	-.4442									.1931	.1940
180.000	-.5721	-.4789	-.2801	-.1769	-.0713	.0276	.1021	.1394	.0000	.1894	.1940

MACH (1) = .200 BETA (5) = 1.990 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1706	-.1691	-.1714	-.0828	-.0312	.0494	.1166	.1539	.0000	.1939	.1930
44.800	-.1752							.1557		.2003	.1930
50.100	-.6411							.1502		.1976	.1930
101.400	-.3162	-.4686	-.4401	-.2469	-.0659	.0766	.1412	.1693	.0000		.1930
115.600	-.3916									.2067	.1930
133.800	-.4024	-.4317	-.4694	-.1475	-.0459	.0121	.0993	.1457			.1930
149.100	-.4355									.2021	.1930
180.000	-.5549	-.4779	-.3239	-.2315	-.1098	-.0114	.1084	.1493	.0000	.1948	.1930

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC32)

MACH (1) = .200 BETA (6) = 4.000 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1776	-.1807	-.1745	-.0840	-.0298	.0587	.1299	.1619	.0000	.1948	.1975
44.800	-.1768							.1609		.1975	.1975
50.100	-.6084							.1637		.1984	.1975
101.400	-.3199	-.4583	-.4042	-.2062	-.0345	.0961	.1591	.1783	.0000		.1975
115.600	-.4019									.1966	.1975
133.800	-.4119	-.4521	-.4715	-.1358	-.0670	.0295	.1345	.1637			.1975
149.100	-.4831									.1902	.1975
180.000	-.5334	-.5202	-.3918	-.2518	-.0840	.0468	.1144	.1573	.0000	.1819	.1975

MACH (1) = .200 BETA (7) = 5.980 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2115	-.2130	-.2030	-.0752	-.0297	.0630	.1366	.1676	.0000	.2040	.1912
44.800	-.2069							.1694		.2122	.1912
50.100	-.5589							.1703		.2104	.1912
101.400	-.3201	-.4595	-.4064	-.1938	-.0220	.1130	.1721	.1949	.0000		.1912
115.600	-.4272									.2150	.1912
133.800	-.4511	-.4796	-.4850	-.1175	-.0097	.0776	.1630	.1848			.1912
149.100	-.5181									.1866	.1912
180.000	-.6067	-.5481	-.4072	-.2431	-.0420	.0657	.1348	.1685	.0000	.1794	.1912

MACH (1) = .200 BETA (8) = 8.000 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2142	-.2165	-.2073	-.0822	-.0305	.0595	.1342	.1670	.0000	.1980	.1606
44.800	-.2103							.1724		.2136	.1606
50.100	-.5059							.1697		.2090	.1606
101.400	-.3215	-.4558	-.4125	-.1887	-.0159	.1160	.1779	.2044	.0000		.1606
115.600	-.4434									.2099	.1606
133.800	-.4758	-.4990	-.4913	-.1285	-.0606	.0440	.1578	.1897			.1606
149.100	-.5615									.1396	.1606
180.000	-.6163	-.6062	-.4658	-.2798	-.1038	.0203	.1205	.1597	.0000	.1214	.1606

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC32)

MACH (1) = .200 BETA (9) = 9.990 Q(PSF) = 60.498 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2229	-.2229	-.2152	-.0851	-.0366	.0521	.1275	.1638	.0000	.1993	.1456
44.800	-.2160							.1684		.2094	.1456
50.100	-.4677							.1693		.2085	.1456
101.400	-.3330	-.4646	-.4046	-.1860	-.0128	.1075	.1656	.1975	.0000		.1456
115.600	-.4516									.2322	.1456
133.800	-.5062	-.5139	-.4685	-.2106	-.1167	.0384	.1429	.1874			.1456
149.100	-.5755									.1175	.1456
180.000	-.5970	-.5986	-.5332	-.3630	-.1121	.0303	.1320	.1629	.0000	.0966	.1456

0A176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC33) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -1.970 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1991	-.2022	-.1899	-.0802	-.0334	.0537	.1315	.1723	.0000	.2250	.2268
44.800	-.1899							.1650		.2204	.2268
50.100	-.6186							.1650		.2223	.2268
101.400	-.2988	-.4882	-.5113	-.3364	-.1653	.0320	.1388	.1723	.0000		.2268
115.600	-.4100									.2250	.2268
133.800	-.4108	-.4568	-.5059	-.1930	-.0488	.0474	.1288	.1614			.2263
149.100	-.4476									.2141	.2268
180.000	-.5780	-.5235	-.3632	-.2382	-.1032	.0130	.1125	.1524	.0000	.2141	.2268

MACH (1) = .200 BETA (2) = -.980 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2013	-.1982	-.1851	-.0828	-.0412	.0475	.1220	.1629	.0000	.2038	.2047
44.800	-.1913							.1520		.2011	.2047
50.100	-.6123							.1538		.2002	.2047
101.400	-.3060	-.4876	-.4938	-.3144	-.1459	.0375	.1284	.1583	.0000		.2047
115.600	-.4068									.1947	.2047
133.800	-.3929	-.4307	-.4530	-.1767	-.0497	-.0005	.0938	.1229			.2047
149.100	-.4745									.1901	.2047
180.000	-.5438	-.4076	-.3014	-.2182	-.1220	-.0323	.0630	.1175	.0000	.1910	.2047

MACH (1) = .200 BETA (3) = .000 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2008	-.1993	-.1885	-.0775	-.0374	.0512	.1249	.1704	.0000	.1931	.1995
44.800	-.1939							.1567		.2014	.1995
50.100	-.6116							.1595		.1959	.1995
101.400	-.3110	-.4898	-.4906	-.2956	-.1191	.0658	.1513	.1722	.0000		.1995
115.600	-.4089									.1977	.1995
133.800	-.4166	-.4505	-.4521	-.1808	-.0320	.0558	.1031	.1394			.1995

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC33)

MACH (1) = .200 BETA (3) = .000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4428									.1941	.1995
180.000	-.6000	-.4667	-.3103	-.1923	-.0821	.0185	.0831	.1176	.0000	.1904	.1995

MACH (1) = .200 BETA (4) = 1.010 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2022	-.2007	-.1914	-.0790	-.0374	.0530	.1366	.1775	.0000	.2195	.2231
44.800	-.1930							.1739		.2186	.2231
50.100	-.6019							.1720		.2204	.2231
101.400	-.3192	-.4871	-.4779	-.2784	-.0905	.0830	.1566	.1811	.0000		.2231
115.600	-.4132									.2103	.2231
133.800	-.4663	-.4917	-.4925	-.1991	-.0466	.0503	.1293	.1593			.2231
149.100	-.4571									.2113	.2231
180.000	-.6411	-.5249	-.3354	-.2253	-.0859	.0285	.1212	.1566	.0000	.2140	.2231

MACH (1) = .200 BETA (5) = 2.000 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1965	-.1934	-.1865	-.0819	-.0350	.0529	.1346	.1736	.0000	.2200	.2210
44.800	-.1873							.1690		.2228	.2210
50.100	-.5893							.1700		.2228	.2210
101.400	-.3233	-.4786	-.4640	-.2541	-.0619	.0901	.1545	.1799	.0000		.2210
115.600	-.4048									.2200	.2210
133.800	-.4179	-.4433	-.4948	-.2034	-.0635	.0239	.1237	.1509			.2210
149.100	-.4571									.2137	.2210
180.000	-.5924	-.4948	-.3472	-.2357	-.1011	.0230	.1155	.1554	.0000	.2100	.2210

OA176 B26C9PRIM16N28W116E43F8 TC19X8 TAILCONE (RFJC33)

MACH (1) = .200 BETA (6) = 4.000 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1934	-.1950	-.1796	-.0750	-.0320	.0575	.1400	.1772	.0000	.2301	.2347
44.800	-.1881							.1781		.2301	.2347
50.100	-.5471							.1781		.2310	.2347
101.400	-.3295	-.4618	-.4249	-.1981	-.0097	.1028	.1582	.1800	.0000		.2347
115.600	-.4218									.2237	.2347
133.800	-.4303	-.4649	-.4987	-.1565	-.0466	.0484	.1382	.1645			.2347
149.100	-.4979									.2027	.2347
180.000	-.6225	-.5694	-.3903	-.2588	-.0935	.0284	.1155	.1418	.0000	.2073	.2347

MACH (1) = .200 BETA (7) = 5.980 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2030	-.2015	-.1969	-.0764	-.0380	.0564	.1325	.1705	.0000	.2069	.2078
44.800	-.1953							.1742		.2023	.2078
50.100	-.4961							.1714		.2060	.2078
101.400	-.3312	-.4509	-.4094	-.1838	-.0212	.1117	.1705	.1859	.0000		.2078
115.600	-.4409									.2032	.2078
133.800	-.4371	-.4685	-.4770	-.1255	-.0580	.0483	.1316	.1597			.2078
149.100	-.5007									.1932	.2078
180.000	-.6135	-.4984	-.3511	-.2460	-.0710	.0419	.1180	.1452	.0000	.1996	.2078

MACH (1) = .200 BETA (8) = 8.000 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2130	-.2107	-.2045	-.0767	-.0389	.0566	.1330	.1766	.0000	.2049	.2122
44.800	-.2076							.1775		.2095	.2122
50.100	-.4633							.1775		.2095	.2122
101.400	-.3239	-.4610	-.4071	-.1822	-.0081	.1175	.1775	.2003	.0000		.2122
115.600	-.4849									.2122	.2122
133.800	-.4826	-.5019	-.4749	-.1237	-.0443	.0621	.1494	.1775			.2122
149.100	-.5435									.1666	.2122
180.000	-.6220	-.5388	-.3871	-.2354	-.0636	.0403	.1212	.1439	.0000	.1594	.2122

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC33)

MACH (1) = .200 BETA (9) = 9.980 Q(PSF) = 60.621 PO = 2066.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2299	-.2276	-.2191	-.0779	-.0380	.0492	.1271	.1669	.0000	.1950	.1787
44.800	-.2222							.1742		.2005	.1787
50.100	-.4240							.1751		.2023	.1787
101.400	-.3435	-.4578	-.4010	-.1493	.0248	.1198	.1814	.2060	.0000		.1787
115.600	-.5077									.2133	.1787
133.800	-.5200	-.5292	-.5146	-.1278	-.0073	.0863	.1551	.1923			.1787
149.100	-.5929									.0963	.1787
180.000	-.6842	-.5913	-.4087	-.2798	-.0810	.0293	.1207	.1126	.0000	.0881	.1787

OA176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC34) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = -11.700
SIM = 2.000

MACH (1) = .200 BETA (1) = -1.960 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2439	-.2447	-.2271	-.0793	-.0517	.0319	.1033	.1557	.0000	.2310	.2446
44.800	-.2271							.1449		.2282	.2446
50.100	-.5448							.1412		.2255	.2446
101.400	-.3412	-.5157	-.5494	-.3442	-.1428	.0301	.1187	.1467	.0000		.2446
115.600	-.4376									.2373	.2446
133.800	-.4476	-.4973	-.5716	-.2462	-.0954	.0238	.1132	.1485			.2446
149.100	-.4629									.2282	.2446
180.000	-.6038	-.4973	-.4032	-.3228	-.1605	-.0249	.0888	.1394	.0000	.2264	.2446

MACH (1) = .200 BETA (2) = -.990 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2440	-.2440	-.2249	-.0778	-.0495	.0301	.1052	.1449	.0000	.2002	.2111
44.800	-.2325							.1395		.1974	.2111
50.100	-.5236							.1377		.1956	.2111
101.400	-.3467	-.5213	-.5367	-.3237	-.1299	.0401	.1241	.1522	.0000		.2111
115.600	-.4455									.2056	.2111
133.800	-.4486	-.4907	-.5428	-.2348	-.0924	.0148	.1223	.1449			.2111
149.100	-.5206									.1983	.2111
180.000	-.6041	-.4945	-.3934	-.3038	-.1544	-.0285	.0789	.1269	.0000	.1983	.2111

MACH (1) = .200 BETA (3) = .000 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2355	-.2355	-.2194	-.0755	-.0448	.0337	.1069	.1512	.0000	.1937	.2128
44.800	-.2202							.1440		.1928	.2128
50.100	-.5005							.1413		.1919	.2128
101.400	-.3481	-.5142	-.5135	-.3006	-.1115	.0545	.1277	.1593	.0000		.2128
115.600	-.4538									.2010	.2128
133.800	-.4568	-.4989	-.5365	-.2286	-.0908	.0129	.1169	.1422			.2128

0A176 B26C9PRIM16N28W116E43F8 TC19X9 TAILCONE (RFJC34)

MACH (1) = .200 BETA (3) = .000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5931									.1983	.2128
180.000	-.6222	-.5066	-.4017	-.3121	-.1505	-.0177	.0798	.1277	.0000	.2001	.2128

MACH (1) = .200 BETA (4) = 1.010 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2296	-.2365	-.2181	-.0773	-.0481	.0357	.1056	.1510	.0000	.2037	.2265
44.800	-.2219							.1482		.2028	.2265
50.100	-.4842							.1455		.2073	.2265
101.400	-.3596	-.5119	-.5026	-.2827	-.0866	.0593	.1355	.1582	.0000		.2265
115.600	-.4765									.2210	.2265
133.800	-.4988	-.5303	-.5226	-.2488	-.0927	.0139	.1047	.1419			.2265
149.100	-.5073									.2110	.2265
180.000	-.6472	-.5280	-.3927	-.3158	-.1550	-.0178	.0892	.1382	.0000	.2110	.2265

MACH (1) = .200 BETA (5) = 2.000 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2316	-.2293	-.2155	-.0754	-.0509	.0319	.1033	.1547	.0000	.2236	.2418
44.800	-.2216							.1484		.2245	.2418
50.100	-.4826							.1448		.2245	.2418
101.400	-.3701	-.5079	-.4880	-.2484	-.0578	.0662	.1340	.1584	.0000		.2418
115.600	-.4972									.2354	.2418
133.800	-.5699	-.5989	-.6211	-.2913	-.1038	.0021	.1060	.1394			.2418
149.100	-.5002									.2227	.2418
180.000	-.6433	-.5163	-.3854	-.3158	-.1596	-.0195	.0951	.1394	.0000	.2191	.2418

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC34)

MACH (1) = .200 BETA (6) = 3.990 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2353	-.2407	-.2230	-.0757	-.0519	.0293	.1072	.1588	.0000	.2416	.2470
44.800	-.2307							.1570		.2388	.2470
50.100	-.4495							.1561		.2406	.2470
101.400	-.3796	-.5017	-.4533	-.2115	-.0311	.0800	.1461	.1769	.0000		.2470
115.600	-.5577									.2534	.2470
133.800	-.4380	-.4809	-.5707	-.2376	-.0895	.0057	.1280	.1642			.2470
149.100	-.5186									.2160	.2470
180.000	-.6068	-.5078	-.3773	-.3290	-.1355	-.0277	.0818	.1153	.0000	.2142	.2470

MACH (1) = .200 BETA (7) = 5.980 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2404	-.2442	-.2242	-.0820	-.0512	.0275	.1010	.1455	.0000	.1863	.1854
44.800	-.2288							.1500		.1891	.1854
50.100	-.4080							.1509		.1872	.1854
101.400	-.3673	-.4557	-.3849	-.1673	-.0020	.0983	.1518	.1718	.0000		.1854
115.600	-.5326									.1918	.1854
133.800	-.4826	-.5149	-.5226	-.1665	-.1058	.0057	.1092	.1464			.1854
149.100	-.5172									.1800	.1854
180.000	-.5334	-.3857	-.3296	-.2888	-.1366	-.0277	.0629	.1101	.0000	.1791	.1854

MACH (1) = .200 BETA (8) = 8.000 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2490	-.2666	-.2398	-.0733	-.0503	.0383	.1171	.1614	.0000	.1977	.1877
44.800	-.2375							.1687		.1977	.1877
50.100	-.3686							.1687		.1968	.1877
101.400	-.3295	-.4653	-.4139	-.1792	-.0234	.0790	.1487	.1714	.0000		.1877
115.600	-.5757									.2141	.1877
133.800	-.5220	-.5497	-.5312	-.1738	-.1086	.0048	.1017	.1343			.1877
149.100	-.5573									.1759	.1877
180.000	-.6049	-.4952	-.4047	-.2750	-.1155	-.0105	.0745	.1153	.0000	.1687	.1877

OA176 B26C9PR1M16N28W116E43F8 TC19X9 TAILCONE (RFJC34)

MACH (1) = .200 BETA (9) = 10.000 Q(PSF) = 60.795 PO = 2066.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2827	-.2804	-.2620	-.0700	-.0440	.0391	.1158	.1619	.0000	.2062	.1682
44.800	-.2658							.1727		.2107	.1682
50.100	-.3201							.1745		.2126	.1682
101.400	-.3584	-.4747	-.4135	-.1785	.0010	.0987	.1673	.1917	.0000		.1682
115.600	-.6047									.2298	.1682
133.800	-.5710	-.5917	-.5947	-.1595	-.0165	.0617	.1348	.1799			.1682
149.100	-.6246									.1059	.1682
180.000	-.6728	-.5657	-.4318	-.2972	-.1022	.0057	.0887	.0960	.0000	.0987	.1682

0A176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC35) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1391	-.1645	-.1537	-.0197	.0588	.1166	.1339	.1475	.1412	.0000	.0000
44.800	-.1645							.1485		.0000	.0000
50.100	-.9155							.1448		.0000	.0000
101.400	-.2531	-.5049	-.4795	-.2739	-.0929	.0830	.1512	.1712	.1721		.0000
115.600	-.3940									.0000	.0000
133.800	-.3640	-.4110	-.5188	-.2115	-.0497	.0766	.1584	.1703			.0000
149.100	-.4010									.0000	.0000
180.000	-.4287	-.2993	-.3678	-.2954	-.0867	.0666	.1557	.1812	.1766	.0000	.0000

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1417	-.1425	-.1317	-.0182	.0581	.1178	.1360	.1460	.1442	.0000	.0000
44.800	-.1494							.1479		.0000	.0000
50.100	-.8696							.1424		.0000	.0000
101.400	-.2590	-.4960	-.4543	-.2475	-.0668	.0914	.1524	.1670	.1743		.0000
115.600	-.3918									.0000	.0000
133.800	-.3741	-.4227	-.5107	-.1996	-.0367	.0868	.1606	.1752			.0000
149.100	-.4072									.0000	.0000
180.000	-.4273	-.2999	-.3602	-.2853	-.0823	.0668	.1552	.1834	.1761	.0000	.0000

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1394	-.1410	-.1348	-.0190	.0597	.1178	.1370	.1497	.1479	.0000	.0000
44.800	-.1479							.1470		.0000	.0000
50.100	-.8506							.1443		.0000	.0000
101.400	-.2591	-.4908	-.4445	-.2352	-.0506	.0960	.1534	.1680	.1762		.0000
115.600	-.3958									.0000	.0000
133.800	-.3780	-.4275	-.5070	-.1943	-.0290	.0896	.1607	.1743			.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC35)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4143									.0000	.0000
180.000	-.4259	-.2877	-.3541	-.2823	-.0815	.0723	.1543	.1816	.1807	.0000	.0000

MACH (1) = .200 BETA (4) = 1.000 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1401	-.1401	-.1309	-.0197	.0543	.1196	.1424	.1515	.1533	.0000	.0000
44.800	-.1463							.1560		.0000	.0000
50.100	-.7868							.1487		.0000	.0000
101.400	-.2582	-.4673	-.4148	-.2003	-.0220	.1005	.1542	.1697	.1742		.0000
115.600	-.4009									.0000	.0000
133.800	-.3909	-.4357	-.5043	-.1826	-.0128	.0996	.1615	.1733			.0000
149.100	-.4249									.0000	.0000
180.000	-.4040	-.2937	-.3600	-.2806	-.0807	.0704	.1542	.1806	.1770	.0000	.0000

MACH (1) = .200 BETA (5) = 1.990 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1391	-.1406	-.1291	-.0197	.0526	.1203	.1439	.1530	.1476	.0000	.0000
44.800	-.1453							.1567		.0000	.0000
50.100	-.7592							.1548		.0000	.0000
101.400	-.2554	-.4650	-.4056	-.1923	-.0197	.1048	.1567	.1703	.1830		.0000
115.600	-.4033									.0000	.0000
133.800	-.3979	-.4365	-.5019	-.1769	-.0081	.1003	.1567	.1785			.0000
149.100	-.4357									.0000	.0000
180.000	-.4064	-.3001	-.3610	-.2832	-.0829	.0657	.1539	.1785	.1758	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC35)

MACH (1) = .200 BETA (6) = 3.990 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1424	-.1424	-.1324	-.0190	.0535	.1168	.1350	.1514	.1442	.0000	.0000
44.800	-.1455							.1523		.0000	.0000
50.100	-.7272							.1487		.0000	.0000
101.400	-.2543	-.4526	-.3908	-.1794	-.0190	.1059	.1615	.1660	.1998		.0000
115.600	-.4124									.0000	.0000
133.800	-.4171	-.4518	-.5050	-.1709	-.0004	.0995	.1460	.1888			.0000
149.100	-.4541									.0000	.0000
180.000	-.4055	-.3106	-.3654	-.2975	-.0876	.0622	.1560	.1778	.1678	.0000	.0000

MACH (1) = .200 BETA (7) = 5.990 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1454	-.1469	-.1353	-.0236	.0534	.1167	.1377	.1531	.1477	.0000	.0000
44.800	-.1477							.1495		.0000	.0000
50.100	-.6965							.1486		.0000	.0000
101.400	-.2571	-.4282	-.3558	-.1531	.0041	.1104	.1631	.1731	.1950		.0000
115.600	-.4121									.0000	.0000
133.800	-.4329	-.4637	-.5015	-.1585	.0133	.0913	.1386	.1904			.0000
149.100	-.4745									.0000	.0000
180.000	-.4198	-.3242	-.3743	-.3095	-.1022	.0558	.1549	.1740	.1631	.0000	.0000

MACH (1) = .200 BETA (8) = 8.050 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1478	-.1493	-.1377	-.0274	.0481	.1150	.1405	.1541	.1587	.0000	.0000
44.800	-.1485							.1532		.0000	.0000
50.100	-.6654							.1578		.0000	.0000
101.400	-.2450	-.4108	-.3175	-.1254	.0272	.1077	.1514	.1651	.1869		.0000
115.600	-.4155									.0000	.0000
133.800	-.4440	-.4702	-.4941	-.1393	.0226	.0749	.1487	.1796			.0000
149.100	-.4903									.0000	.0000
180.000	-.4340	-.3368	-.3738	-.3198	-.1023	.0495	.1487	.1632	.1523	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC35)

MACH (1) = .200 BETA (9) = 9.980 Q(PSF) = 60.433 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1516	-.1516	-.1431	-.0359	.0342	.1113	.1468	.1596	.1605	.0000	.0000
44.800	-.1501							.1578		.0000	.0000
50.100	-.6267							.1596		.0000	.0000
101.400	-.2696	-.3776	-.2966	-.1061	.0288	.0986	.1550	.1623	.1851		.0000
115.600	-.4115									.0000	.0000
133.800	-.4640	-.4817	-.4902	-.1177	.0203	.0649	.1459	.1687			.0000
149.100	-.5172									.0000	.0000
180.000	-.4655	-.3537	-.3776	-.3252	-.1022	.0494	.1459	.1605	.1496	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC39) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.960 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2509	-.2563	-.2117	-.0865	-.0450	.0447	.1444	.1861	.1898	.0000	.0000
44.800	-.2532							.1825		.0000	.0000
50.100	-.5305							.1916		.0000	.0000
101.400	-.2639	-.5382	-.5597	-.3715	-.1449	.0347	.1399	.1852	.1599		.0000
115.600	-.4168									.0000	.0000
133.800	-.4614	-.5128	-.5781	-.2386	-.0619	.0610	.1272	.1725			.0000
149.100	-.4329									.0000	.0000
180.000	-.4429	-.2808	-.4053	-.3546	-.1441	-.0032	.1136	.1472	.0991	.0000	.0000

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2608	-.2578	-.2255	-.0796	-.0450	.0465	.1417	.1934	.1907	.0000	.0000
44.800	-.2554							.1934		.0000	.0000
50.100	-.4843							.1907		.0000	.0000
101.400	-.2931	-.5327	-.5473	-.3223	-.0796	.0311	.1236	.1916	.1444		.0000
115.600	-.4452									.0000	.0000
133.800	-.4529	-.4989	-.5519	-.2155	-.0573	.0773	.1172	.1526			.0000
149.100	-.4467									.0000	.0000
180.000	-.5166	-.2831	-.4045	-.3699	-.1648	-.0078	.1308	.1644	.1 -	.0000	.0000

MACH (1) = .200 BETA (3) = -.980 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2551	-.2544	-.2223	-.0723	-.0448	.0526	.1429	.1890	.1917	.0000	.0000
44.800	-.2536							.1872		.0000	.0000
50.100	-.4708							.1872		.0000	.0000
101.400	-.3026	-.5351	-.5397	-.3110	-.0907	.0743	.1465	.1953	.1763		.0000
115.600	-.4525									.0000	.0000
133.800	-.4502	-.4923	-.5351	-.2223	-.0708	.0716	.1330	.1727			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC39)

MACH (1) = .200 BETA (3) = -.980

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4586									.0000	.0000
180.000	-.5091	-.2995	-.4035	-.3737	-.1718	-.0068	.1411	.1862	.1592	.0000	.0000

MACH (1) = .200 BETA (4) = .010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2550	-.2504	-.2183	-.0723	-.0379	.0544	.1456	.1980	.2007	.0000	.0000
44.800	-.2497							.1989		.0000	.0000
50.100	-.4546							.1971		.0000	.0000
101.400	-.3078	-.5265	-.5234	-.2910	-.0830	.0842	.1555	.2079	.1898		.0000
115.600	-.4645									.0000	.0000
133.800	-.4561	-.4936	-.5303	-.2183	-.0799	.0607	.1456	.1889			.0000
149.100	-.6136									.0000	.0000
180.000	-.5104	-.3009	-.4095	-.3758	-.1809	-.0077	.1447	.1989	.1835	.0000	.0000

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2547	-.2516	-.2194	-.0734	-.0388	.0538	.1499	.1980	.1989	.0000	.0000
44.800	-.2493							.2035		.0000	.0000
50.100	-.4414							.2044		.0000	.0000
101.400	-.3223	-.5251	-.5090	-.2747	-.0642	.0864	.1617	.2135	.2098		.0000
115.600	-.4752									.0000	.0000
133.800	-.4821	-.5167	-.5320	-.2309	-.0842	.0438	.1571	.2025			.0000
149.100	-.5036									.0000	.0000
180.000	-.5013	-.2985	-.4114	-.3784	-.1779	-.0087	.1426	.1934	.1680	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC39)

MACH (1) = .200 BETA (6) = 2.010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2568	-.2545	-.2160	-.0767	-.0405	.0521	.1466	.1948	.1975	.0000	.0000
44.800	-.2530							.1994		.0000	.0000
50.100	-.4247							.2030		.0000	.0000
101.400	-.3323	-.5248	-.4917	-.2553	-.0451	.0857	.1657	.2149	.2140		.0000
115.600	-.4924									.0000	.0000
133.800	-.5040	-.5263	-.5240	-.2538	-.0867	.0612	.1648	.2112			.0000
149.100	-.4724									.0000	.0000
180.000	-.4871	-.3023	-.4131	-.3785	-.1698	-.0114	.1357	.1811	.1393	.0000	.0000

MACH (1) = .200 BETA (7) = 4.010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2564	-.2572	-.2180	-.0765	-.0466	.0502	.1445	.2009	.2027	.0000	.0000
44.800	-.2533							.2082		.0000	.0000
50.100	-.3986							.2109		.0000	.0000
101.400	-.3425	-.5040	-.4594	-.2195	-.0320	.0955	.1699	.2191	.2200		.0000
115.600	-.5408									.0000	.0000
133.800	-.4371	-.4663	-.5731	-.2749	-.1065	.0447	.1745	.2145			.0000
149.100	-.4886									.0000	.0000
180.000	-.4025	-.3164	-.3963	-.3663	-.1549	-.0150	.1228	.1609	.1346	.0000	.0000

MACH (1) = .200 BETA (8) = 6.010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2679	-.2710	-.2278	-.0829	-.0536	.0421	.1294	.1722	.1749	.0000	.0000
44.800	-.2633							.1777		.0000	.0000
50.100	-.3688							.1786		.0000	.0000
101.400	-.3457	-.4860	-.4097	-.1877	-.0166	.1094	.1667	.1922	.1950		.0000
115.600	-.5261									.0000	.0000
133.800	-.4775	-.5207	-.5877	-.2324	-.0413	.0776	.1449	.1904			.0000
149.100	-.5053									.0000	.0000
180.000	-.3951	-.4166	-.4197	-.2987	-.0906	.0312	.1276	.1996	.2023	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC39)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2668	-.2622	-.2215	-.0749	-.0457	.0483	.1461	.1715	.1697	.0000	.0000
44.800	-.2614							.1851		.0000	.0000
50.100	-.3497							.1869		.0000	.0000
101.400	-.2891	-.4664	-.4188	-.1908	-.0204	.1081	.1742	.1842	.1688		.0000
115.600	-.5654									.0000	.0000
133.800	-.5063	-.5393	-.5884	-.2154	-.0235	.0682	.1443	.1724			.0000
149.100	-.5293									.0000	.0000
180.000	-.3904	-.3505	-.3390	-.2630	-.0872	.0365	.1416	.2088	.2170	.0000	.0000

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.715 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2670	-.2609	-.2218	-.0709	-.0387	.0545	.1495	.1874	.1829	.0000	.0000
44.800	-.2578							.2047		.0000	.0000
50.100	-.2977							.2056		.0000	.0000
101.400	-.3275	-.4708	-.4195	-.1858	-.0004	.1033	.1757	.2302	.2147		.0000
115.600	-.5972									.0000	.0000
133.800	-.5466	-.5719	-.6079	-.2134	.0010	.0916	.1485	.1992			.0000
149.100	-.5750									.0000	.0000
180.000	-.4126	-.3528	-.3398	-.2716	-.0839	.0355	.1377	.1350	.0925	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC40) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.960 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2117	-.2071	-.1840	-.0719	-.0219	.0755	.1762	.2244	.2262	.0000	.0000
44.800	-.2155							.2189		.0000	.0000
50.100	-.6764							.2189		.0000	.0000
101.400	-.2363	-.4913	-.5128	-.3538	-.1779	.0447	.1635	.2117	.1889		.0000
115.600	-.4298									.0000	.0000
133.800	-.4306	-.4759	-.5251	-.1863	-.0227	.0882	.1399	.1870			.0000
149.100	-.3983									.0000	.0000
180.000	-.4314	-.2785	-.3461	-.3008	-.0980	.0366	.1481	.1635	.1181	.0000	.0000

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2086	-.2102	-.1879	-.0696	-.0219	.0837	.1834	.2272	.2299	.0000	.0000
44.800	-.2117							.2272		.0000	.0000
50.100	-.6289							.2254		.0000	.0000
101.400	-.2517	-.4975	-.5067	-.3239	-.1372	.0764	.1771	.2171	.1825		.0000
115.600	-.4176									.0000	.0000
133.800	-.4099	-.4552	-.4852	-.1625	-.0173	.0891	.1490	.1861			.0000
149.100	-.4122									.0000	.0000
180.000	-.4952	-.2709	-.3607	-.3039	-.0988	.0429	.1590	.1889	.1417	.0000	.0000

MACH (1) = .200 BETA (3) = -.980 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2166	-.2120	-.1874	-.0697	-.0197	.0829	.1846	.2256	.2293	.0000	.0000
44.800	-.2181							.2247		.0000	.0000
50.100	-.6020							.2229		.0000	.0000
101.400	-.2612	-.4997	-.5020	-.3104	-.1204	.0838	.1873	.2192	.1973		.0000
115.600	-.4197									.0000	.0000
133.800	-.4097	-.4481	-.4666	-.1704	-.0251	.0893	.1664	.1992			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC40)

MACH (1) = .200 BETA (3) = -.980

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5027									.0000	.0000
180.000	-.4904	-.2681	-.3474	-.2943	-.0950	.0466	.1664	.1937	.1591	.0000	.0000

MACH (1) = .200 BETA (4) = .020 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2141	-.2103	-.1918	-.0711	-.0204	.0855	.1844	.2291	.2327	.0000	.0000
44.800	-.2164							.2245		.0000	.0000
50.100	-.5784							.2245		.0000	.0000
101.400	-.2648	-.5031	-.4900	-.2971	-.1088	.0937	.1844	.2227	.2172		.0000
115.600	-.4170									.0000	.0000
133.800	-.4208	-.4485	-.4485	-.1688	-.0258	.0883	.1726	.2081			.0000
149.100	-.4424									.0000	.0000
180.000	-.5000	-.2625	-.3371	-.2833	-.0965	.0493	.1672	.2036	.1708	.0000	.0000

MACH (1) = .200 BETA (5) = 1.020 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2169	-.2108	-.1847	-.0718	-.0158	.0836	.1806	.2288	.2288	.0000	.0000
44.800	-.2154							.2252		.0000	.0000
50.100	-.5478							.2243		.0000	.0000
101.400	-.2668	-.4964	-.4795	-.2784	-.0764	.1090	.1851	.2161	.2024		.0000
115.600	-.4204									.0000	.0000
133.800	-.4365	-.4519	-.4457	-.1847	-.0342	.0981	.1761	.2088			.0000
149.100	-.4411									.0000	.0000
180.000	-.4949	-.2645	-.3536	-.2991	-.0972	.0492	.1661	.1933	.1453	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC40)

MACH (1) = .200 BETA (6) = 2.010 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2158	-.2119	-.1881	-.0704	-.0204	.0820	.1800	.2274	.2256	.0000	.0000
44.800	-.2158							.2247		.0000	.0000
50.100	-.5373							.2210		.0000	.0000
101.400	-.2819	-.4896	-.4758	-.2550	-.0520	.1183	.1873	.2147	.1946		.0000
115.600	-.4204									.0000	.0000
133.800	-.4419	-.4665	-.5011	-.2173	-.0466	.0947	.1827	.2037			.0000
149.100	-.4496									.0000	.0000
180.000	-.4658	-.2804	-.3573	-.3027	-.1020	.0439	.1609	.1818	.1392	.0000	.0000

MACH (1) = .200 BETA (7) = 4.010 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2171	-.2163	-.1879	-.0711	-.0204	.0819	.1807	.2244	.2299	.0000	.0000
44.800	-.2171							.2235		.0000	.0000
50.100	-.5051							.2244		.0000	.0000
101.400	-.2846	-.4751	-.4344	-.2017	-.0012	.1136	.1626	.2016	.1743		.0000
115.600	-.4268									.0000	.0000
133.800	-.4229	-.4559	-.5028	-.1879	-.0219	.0973	.1743	.1752			.0000
149.100	-.4606									.0000	.0000
180.000	-.4068	-.2908	-.3446	-.3046	-.0949	.0375	.1499	.1598	.1054	.0000	.0000

MACH (1) = .200 BETA (8) = 6.020 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2114	-.2091	-.1853	-.0726	-.0211	.0782	.1651	.2005	.1941	.0000	.0000
44.800	-.2129							.2032		.0000	.0000
50.100	-.4646							.2032		.0000	.0000
101.400	-.2828	-.4546	-.4070	-.1869	-.0073	.1298	.1923	.2168	.2105		.0000
115.600	-.4400									.0000	.0000
133.800	-.4362	-.4669	-.5060	-.1608	.0087	.1153	.1823	.2077			.0000
149.100	-.4692									.0000	.0000
180.000	-.4185	-.3472	-.3165	-.2352	-.0472	.0673	.1587	.1841	.1723	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC40)

MACH (1) = .200 BETA (9) = 8.030 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2111	-.2057	-.1833	-.0706	-.0236	.0768	.1715	.2117	.2107	.0000	.0000
44.800	-.2041							.2135		.0000	.0000
50.100	-.4271							.2135		.0000	.0000
101.400	-.2751	-.4633	-.4070	-.1841	-.0043	.1387	.1997	.2272	.2171		.0000
115.600	-.4734									.0000	.0000
133.800	-.4579	-.4865	-.5150	-.1601	.0226	.1214	.1815	.2126			.0000
149.100	-.4942									.0000	.0000
180.000	-.3715	-.3183	-.3083	-.2211	-.0444	.0722	.1642	.1760	.1496	.0000	.0000

MACH (1) = .200 BETA (10) = 10.010 Q(PSF) = 60.635 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2136	-.2128	-.1836	-.0720	-.0243	.0738	.1655	.2111	.2138	.0000	.0000
44.800	-.2097							.2138		.0000	.0000
50.100	-.3905							.2184		.0000	.0000
101.400	-.2959	-.4575	-.4013	-.1605	.0272	.1265	.1774	.2284	.2111		.0000
115.600	-.4936									.0000	.0000
133.800	-.4813	-.5036	-.5283	-.1551	.0533	.1165	.1428	.1992			.0000
149.100	-.5275									.0000	.0000
180.000	-.3782	-.3467	-.3321	-.2351	-.0474	.0702	.1474	.1201	.0593	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC41) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.960 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1541	-.1549	-.1511	-.0627	-.0074	.0946	.1726	.2017	.2026	.0000	.0000
44.800	-.1595							.1999		.0000	.0000
50.100	-.8236							.1972		.0000	.0000
101.400	-.2487	-.5008	-.4985	-.3263	-.1434	.0538	.1536	.1817	.1862		.0000
115.600	-.4247									.0000	.0000
133.800	-.4108	-.4531	-.5146	-.1872	-.0220	.0865	.1445	.1753			.0000
149.100	-.4139									.0000	.0000
180.000	-.3839	-.3086	-.3163	-.2210	-.0389	.0865	.1645	.1844	.1762	.0000	.0000

MACH (1) = .200 BETA (2) = -.970 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1682	-.1713	-.1559	-.0666	-.0027	.0984	.1801	.2039	.2029	.0000	.0000
44.800	-.1744							.2029		.0000	.0000
50.100	-.7255							.2039		.0000	.0000
101.400	-.2583	-.5000	-.4653	-.2822	-.0905	.0893	.1711	.1993	.1865		.0000
115.600	-.4099									.0000	.0000
133.800	-.3968	-.4330	-.4553	-.1582	-.0066	.0993	.1656	.1947			.0000
149.100	-.4238									.0000	.0000
180.000	-.4838	-.2514	-.3376	-.2621	-.0566	.0848	.1756	.1865	.1538	.0000	.0000

MACH (1) = .200 BETA (3) = .030 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1764	-.1764	-.1602	-.0691	-.0043	.0950	.1797	.2035	.2053	.0000	.0000
44.800	-.1787							.2044		.0000	.0000
50.100	-.6912							.2053		.0000	.0000
101.400	-.2605	-.4936	-.4650	-.2729	-.0776	.0987	.1752	.2026	.1943		.0000
115.600	-.4095									.0000	.0000
133.800	-.3979	-.4272	-.4488	-.1610	-.0058	.1050	.1724	.1962			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC41)

MACH (1) = .200 BETA (3) = .030

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4272									.0000	.0000
180.000	-.4944	-.2420	-.3377	-.2744	-.0599	.0832	.1779	.1888	.1524	.0000	.0000

MACH (1) = .200 BETA (4) = 1.020 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1819	-.1819	-.1664	-.0676	-.0035	.0941	.1780	.2063	.2054	.0000	.0000
44.800	-.1842							.2091		.0000	.0000
50.100	-.6729							.2045		.0000	.0000
101.400	-.2714	-.4915	-.4606	-.2552	-.0614	.1078	.1780	.2027	.1944		.0000
115.600	-.4158									.0000	.0000
133.800	-.4058	-.4351	-.4583	-.1618	-.0097	.1105	.1771	.1972			.0000
149.100	-.4444									.0000	.0000
180.000	-.4737	-.2622	-.3417	-.2660	-.0599	.0796	.1780	.1853	.1561	.0000	.0000

MACH (1) = .200 BETA (5) = 2.010 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1821	-.1829	-.1660	-.0633	-.0043	.0962	.1767	.2039	.2057	.0000	.0000
44.800	-.1859							.2030		.0000	.0000
50.100	-.6443							.2057		.0000	.0000
101.400	-.2710	-.4826	-.4389	-.2358	-.0441	.1134	.1731	.2012	.1894		.0000
115.600	-.4044									.0000	.0000
133.800	-.4052	-.4305	-.4611	-.1629	-.0050	.1088	.1830	.1948			.0000
149.100	-.4435									.0000	.0000
180.000	-.4389	-.2810	-.3423	-.2726	-.0656	.0718	.1731	.1812	.1459	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC41)

MACH (1) = .200 BETA (6) = 4.020 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1916	-.1893	-.1709	-.0665	-.0050	.0927	.1715	.2015	.2033	.0000	.0000
44.800	-.1901							.2024		.0000	.0000
50.100	-.5901							.2006		.0000	.0000
101.400	-.2669	-.4588	-.4120	-.1993	-.0081	.1244	.1715	.1997	.1879		.0000
115.600	-.4020									.0000	.0000
133.800	-.4143	-.4465	-.4780	-.1463	.0179	.1217	.1815	.1915			.0000
149.100	-.4527									.0000	.0000
180.000	-.3912	-.3221	-.3183	-.2377	-.0365	.0818	.1679	.1797	.1616	.0000	.0000

MACH (1) = .200 BETA (7) = 6.000 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1937	-.1821	-.1637	-.0628	.0002	.0966	.1775	.2030	.2030	.0000	.0000
44.800	-.1921							.2067		.0000	.0000
50.100	-.5324							.2039		.0000	.0000
101.400	-.2591	-.4301	-.3808	-.1821	.0010	.1302	.1838	.2030	.1993		.0000
115.600	-.4131									.0000	.0000
133.800	-.4216	-.4285	-.4632	-.1359	.0341	.1275	.1847	.2003			.0000
149.100	-.4593									.0000	.0000
180.000	-.3561	-.2961	-.2976	-.2129	-.0297	.0884	.1666	.1811	.1420	.0000	.0000

MACH (1) = .200 BETA (8) = 8.070 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1981	-.1958	-.1757	-.0730	-.0035	.0923	.1816	.2082	.2045	.0000	.0000
44.800	-.1974							.2091		.0000	.0000
50.100	-.4838							.2091		.0000	.0000
101.400	-.2591	-.4584	-.4097	-.1850	.0010	.1324	.1926	.2082	.2137		.0000
115.600	-.4259									.0000	.0000
133.800	-.4383	-.4614	-.4923	-.1363	.0334	.1215	.1816	.2155			.0000
149.100	-.4777									.0000	.0000
180.000	-.3734	-.3062	-.3240	-.2329	-.0414	.0878	.1698	.1680	.1078	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC41)

MACH (1) = .200 BETA (9) = 10.010 Q(PSF) = 60.566 PO = 2119.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2009	-.1970	-.1778	-.0719	-.0166	.0828	.1725	.2025	.2071	.0000	.0000
44.800	-.1978							.2071		.0000	.0000
50.100	-.4497							.2071		.0000	.0000
101.400	-.2792	-.4474	-.3867	-.1609	.0164	.1308	.1797	.2016	.2153		.0000
115.600	-.4374									.0000	.0000
133.800	-.4528	-.4681	-.4666	-.1202	.0463	.1000	.1652	.1961			.0000
149.100	-.4912									.0000	.0000
180.000	-.4574	-.3514	-.3099	-.2339	-.0434	.0719	.1526	.1362	.0991	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC44) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 ALPHA (1) = -4.140 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1898	-.1882	-.1790	-.0451	.0195	.0884	.1411	.1592	.0000	.1847	.1874
44.800	-.2067							.1538		.1883	.1874
50.100	-.8808							.1520		.1874	.1874
101.400	-.2236	-.4807	-.4268	-.2159	-.0505	.0802	.1392	.1601	.0000		.1874
115.600	-.4168									.1938	.1874
133.800	-.3860	-.4360	-.5353	-.2290	-.0643	.0593	.1302	.1420			.1874
149.100	-.4168									.1892	.1874
180.000	-.3875	-.2836	-.4006	-.3537	-.1574	.0048	.1220	.1601	.0000	.1883	.1874

MACH (1) = .200 ALPHA (2) = .080 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1839	-.1877	-.1785	-.0459	.0226	.0967	.1304	.1404	.0000	.1768	.1740
44.800	-.2032							.1395		.1804	.1740
50.100	-.9030							.1404		.1795	.1740
101.400	-.2371	-.4945	-.4444	-.2394	-.0636	.0758	.1395	.1595	.0000		.1740
115.600	-.4144									.1877	.1740
133.800	-.3951	-.4429	-.5223	-.2062	-.0451	.0685	.1422	.1531			.1740
149.100	-.4298									.1877	.1740
180.000	-.4228	-.2957	-.3843	-.3095	-.1091	.0376	.1304	.1595	.0000	.1859	.1740

MACH (1) = .200 ALPHA (3) = 4.280 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1853	-.1853	-.1791	-.0651	-.0020	.0794	.1330	.1566	.0000	.1821	.1848
44.800	-.1976							.1521		.1839	.1848
50.100	-.9179							.1539		.1848	.1848
101.400	-.2446	-.5034	-.4580	-.2616	-.0859	.0712	.1376	.1639	.0000		.1848
115.600	-.4133									.1912	.1848
133.800	-.4010	-.4418	-.4973	-.1845	-.0251	.0812	.1457	.1612			.1848

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC44)

MACH (1) = .200 ALPHA (3) = 4.280

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4364									.1949	.1848
180.000	-.4357	-.2870	-.3563	-.2616	-.0621	.0648	.1357	.1585	.0000	.1958	.1848

MACH (1) = .200 ALPHA (4) = 8.500 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2029	-.1976	-.1906	-.0767	-.0174	.0657	.1393	.1702	.0000	.1994	.1966
44.800	-.2068							.1666		.2021	.1966
50.100	-.8220							.1657		.2003	.1966
101.400	-.2422	-.5048	-.4655	-.2761	-.0936	.0694	.1457	.1693	.0000		.1966
115.600	-.4209									.2131	.1966
133.800	-.4031	-.4378	-.4740	-.1737	-.0243	.0812	.1502	.1684			.1966
149.100	-.4447									.2021	.1966
180.000	-.4717	-.2599	-.3631	-.2830	-.0767	.0630	.1530	.1784	.0000	.2003	.1966

MACH (1) = .200 ALPHA (5) = 12.720 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2416	-.2424	-.2270	-.0834	-.0327	.0592	.1353	.1761	.0000	.2225	.2235
44.800	-.2408							.1734		.2235	.2235
50.100	-.7170							.1725		.2198	.2235
101.400	-.2308	-.5035	-.4827	-.2946	-.1141	.0674	.1489	.1816	.0000		.2235
115.600	-.4320									.2253	.2235
133.800	-.4144	-.4382	-.4505	-.1709	-.0289	.0746	.1471	.1734			.2235
149.100	-.4382									.2134	.2235
180.000	-.4950	-.2585	-.3668	-.2961	-.0911	.0402	.1399	.1698	.0000	.2125	.2235

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC44)

MACH (1) = .200 ALPHA (6) = 16.980 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2735	-.2674	-.2504	-.0845	-.0452	.0504	.1405	.1869	.0000	.2437	.2474
44.800	-.2674							.1787		.2446	.2474
50.100	-.6222							.1760		.2419	.2474
101.400	-.2404	-.5158	-.5127	-.3160	-.1300	.0631	.1560	.1897	.0000		.2474
115.600	-.4348									.2364	.2474
133.800	-.4301	-.4579	-.4757	-.1864	-.0529	.0549	.1478	.1742			.2474
149.100	-.4595									.2336	.2474
180.000	-.4880	-.2705	-.3761	-.3206	-.1331	.0067	.1223	.1614	.0000	.2336	.2474

MACH (1) = .200 ALPHA (7) = 21.240 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3203	-.3157	-.2919	-.0827	-.0566	.0284	.1092	.1600	.0000	.2411	.2539
44.800	-.3111							.1446		.2365	.2539
50.100	-.5572							.1419		.2356	.2539
101.400	-.2834	-.5372	-.5356	-.3088	-.1142	.0575	.1328	.1627	.0000		.2539
115.600	-.4741									.2411	.2539
133.800	-.4626	-.5018	-.5395	-.2319	-.0943	.0212	.1319	.1600			.2539
149.100	-.6079									.2347	.2539
180.000	-.5041	-.3088	-.4272	-.3918	-.1965	-.0432	.1037	.1573	.0000	.2374	.2539

MACH (1) = .200 ALPHA (8) = 25.500 Q(PSF) = 60.602 PO = 2123.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3663	-.3602	-.3319	-.1035	-.0944	-.0176	.0589	.1166	.0000	.2177	.2485
44.800	-.3533							.0877		.2123	.2485
50.100	-.5214							.0895		.2105	.2485
101.400	-.3579	-.5863	-.5741	-.3380	-.1364	.0093	.0769	.1202	.0000		.2485
115.600	-.5687									.2313	.2485
133.800	-.5236	-.5779	-.6474	-.3121	-.1440	-.0068	.0922	.1400			.2485
149.100	-.6092									.2277	.2485
180.000	-.5259	-.3365	-.4877	-.4771	-.2670	-.0879	.0760	.1418	.0000	.2322	.2485

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC45) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1803	-.1818	-.1703	-.0435	.0264	.0955	.1255	.1327	.0000	.1708	.1763
44.800	-.1941							.1309		.1699	.1763
50.100	-1.0143							.1309		.1735	.1763
101.400	-.2272	-.5208	-.4885	-.2956	-.1180	.0556	.1318	.1572	.0000		.1763
115.600	-.3955									.1844	.1763
133.800	-.3702	-.4247	-.5262	-.2287	-.0735	.0493	.1391	.1554			.1763
149.100	-.4047									.1817	.1763
180.000	-.4218	-.3148	-.3878	-.3210	-.1188	.0311	.1309	.1627	.0000	.1826	.1763

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1816	-.1831	-.1724	-.0457	.0248	.0936	.1271	.1380	.0000	.1715	.1778
44.800	-.1954							.1334		.1724	.1778
50.100	-.9522							.1316		.1715	.1778
101.400	-.2315	-.5108	-.4702	-.2691	-.0925	.0682	.1343	.1561	.0000		.1778
115.600	-.4057									.1833	.1778
133.800	-.3804	-.4333	-.5216	-.2176	-.0603	.0601	.1398	.1570			.1778
149.100	-.4172									.1805	.1778
180.000	-.4233	-.3121	-.3865	-.3098	-.1156	.0338	.1280	.1606	.0000	.1814	.1778

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1836	-.1844	-.1705	-.0435	.0218	.0911	.1320	.1393	.0000	.1738	.1801
44.800	-.1928							.1383		.1720	.1801
50.100	-.9225							.1374		.1738	.1801
101.400	-.2306	-.5007	-.4561	-.2544	-.0766	.0748	.1374	.1565	.0000		.1801
115.600	-.4045									.1819	.1801
133.800	-.3814	-.4345	-.5176	-.2105	-.0497	.0675	.1402	.1565			.1801

OA176 B26C9PR1MI6N28W116E43F8V8R5TC19X9 TAILCONE (RFJC45)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4199									.1847	.1801
180.000	-.4207	-.3029	-.3783	-.3044	-.1105	.0366	.1284	.1592	.0000	.1847	.1801

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1838	-.1845	-.1730	-.0443	.0210	.0921	.1330	.1403	.0000	.1776	.1721
44.800	-.1946							.1412		.1776	.1721
50.100	-.9079							.1421		.1757	.1721
101.400	-.2323	-.4958	-.4457	-.2354	-.0636	.0767	.1357	.1612	.0000		.1721
115.600	-.4056									.1857	.1721
133.800	-.3910	-.4395	-.5204	-.2077	-.0451	.0712	.1367	.1548			.1721
149.100	-.4303									.1876	.1721
180.000	-.4195	-.2970	-.3818	-.3101	-.1121	.0385	.1267	.1594	.0000	.1839	.1721

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1810	-.1825	-.1718	-.0458	.0210	.0928	.1281	.1417	.0000	.1798	.1680
44.800	-.1902							.1426		.1825	.1680
50.100	-.8724							.1399		.1834	.1680
101.400	-.2348	-.4829	-.4291	-.2209	-.0496	.0810	.1354	.1589	.0000		.1680
115.600	-.4130									.1907	.1680
133.800	-.4015	-.4445	-.5182	-.2009	-.0388	.0737	.1381	.1508			.1680
149.100	-.4368									.1880	.1680
180.000	-.4153	-.3016	-.3823	-.3077	-.1134	.0356	.1308	.1608	.0000	.1861	.1680

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC45)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1812	-.1774	-.1674	-.0420	.0233	.0902	.1247	.1401	.0000	.1819	.1710
44.800	-.1874							.1392		.1855	.1710
50.100	-.8483							.1383		.1837	.1710
101.400	-.2266	-.4782	-.4190	-.2120	-.0435	.0829	.1374	.1628	.0000		.1710
115.600	-.4167									.1946	.1710
133.800	-.4082	-.4505	-.5198	-.1982	-.0312	.0747	.1347	.1501			.1710
149.100	-.4467									.1937	.1710
180.000	-.4151	-.3074	-.3851	-.3097	-.1151	.0357	.1301	.1601	.0000	.1901	.1710

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1774	-.1774	-.1689	-.0427	.0241	.0893	.1192	.1310	.0000	.1837	.1819
44.800	-.1843							.1374		.1910	.1819
50.100	-.7905							.1374		.1919	.1819
101.400	-.2304	-.4620	-.4020	-.1966	-.0381	.0847	.1428	.1673	.0000		.1819
115.600	-.4228									.2056	.1819
133.800	-.4235	-.4589	-.5174	-.1889	-.0235	.0729	.1201	.1365			.1819
149.100	-.4651									.1992	.1819
180.000	-.4243	-.3174	-.3851	-.3181	-.1189	.0312	.1319	.1655	.0000	.1955	.1819

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1775	-.1767	-.1682	-.0466	.0218	.0848	.1184	.1338	.0000	.1838	.1592
44.800	-.1805							.1356		.1920	.1592
50.100	-.7516							.1356		.1938	.1592
101.400	-.2367	-.4337	-.3645	-.1690	-.0158	.0893	.1438	.1701	.0000		.1592
115.600	-.4230									.2166	.1592
133.800	-.4345	-.4676	-.5130	-.1744	-.0112	.0693	.1120	.1556			.1592
149.100	-.4792									.1929	.1592
180.000	-.4353	-.3306	-.3930	-.3314	-.1259	.0257	.1320	.1656	.0000	.1801	.1592

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC45)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1808	-.1808	-.1715	-.0521	.0087	.0767	.1194	.1349	.0000	.1813	.1385
44.800	-.1846							.1349		.1922	.1385
50.100	-.7047							.1349		.1913	.1385
101.400	-.2231	-.4266	-.3333	-.1453	.0002	.0940	.1358	.1685	.0000		.1385
115.600	-.4289									.2242	.1385
133.800	-.4559	-.4828	-.5136	-.1607	.0025	.0594	.1240	.1649			.1385
149.100	-.5029									.1867	.1385
180.000	-.4574	-.3495	-.4011	-.3426	-.1260	.0221	.1312	.1594	.0000	.1703	.1385

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.592 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1827	-.1835	-.1758	-.0558	.0025	.0711	.1183	.1356	.0000	.1818	.1237
44.800	-.1835							.1365		.1873	.1237
50.100	-.6520							.1365		.1882	.1237
101.400	-.2551	-.3927	-.3120	-.1312	.0110	.0856	.1383	.1700	.0000		.1237
115.600	-.4243									.2475	.1237
133.800	-.4720	-.4920	-.5058	-.1420	.0033	.0475	.1346	.1664			.1237
149.100	-.5212									.1855	.1237
180.000	-.4766	-.3635	-.4020	-.3474	-.1258	.0203	.1283	.1564	.0000	.1601	.1237

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC46) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1799	-.1823	-.1761	-.0763	-.0105	.0779	.1382	.1619	.0000	.1866	.1921
44.800	-.1946							.1573		.1847	.1921
50.100	-1.0163							.1592		.1847	.1921
101.400	-.2287	-.5281	-.5088	-.3285	-.1529	.0332	.1327	.1528	.0000		.1921
115.600	-.4159									.2031	.1921
133.800	-.3950	-.4430	-.5273	-.2155	-.0616	.0560	.1363	.1519			.1921
149.100	-.4229									.1957	.1921
180.000	-.4167	-.3308	-.3548	-.2620	-.0770	.0551	.1400	.1656	.0000	.1948	.1921

MACH (1) = .200 BETA (2) = -1.960 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1806	-.1852	-.1745	-.0682	-.0058	.0766	.1366	.1584	.0000	.1829	.1884
44.800	-.1914							.1575		.1811	.1884
50.100	-.9768							.1584		.1811	.1884
101.400	-.2368	-.5163	-.4886	-.2984	-.1175	.0575	.1366	.1566	.0000		.1884
115.600	-.4124									.1957	.1884
133.800	-.3931	-.4401	-.5071	-.2006	-.0420	.0684	.1402	.1566			.1884
149.100	-.4239									.1939	.1884
180.000	-.4270	-.3092	-.3492	-.2507	-.0659	.0594	.1257	.1575	.0000	.1948	.1884

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1870	-.1847	-.1785	-.0714	-.0081	.0740	.1377	.1595	.0000	.1850	.1895
44.800	-.1924							.1568		.1841	.1895
50.100	-.9533							.1577		.1822	.1895
101.400	-.2402	-.5116	-.4776	-.2849	-.1068	.0649	.1377	.1631	.0000		.1895
115.600	-.4121									.1978	.1895
133.800	-.3982	-.4414	-.5046	-.1947	-.0382	.0776	.1449	.1613			.1895

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC46)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4345									.1959	.1895
180.000	-.4368	-.2818	-.3581	-.2641	-.0652	.0713	.1395	.1650	.0000	.1941	.1895

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1850	-.1866	-.1766	-.0727	-.0097	.0747	.1364	.1564	.0000	.1827	.1864
44.800	-.1942							.1555		.1873	.1864
50.100	-.9233							.1564		.1873	.1864
101.400	-.2504	-.5019	-.4596	-.2688	-.0904	.0702	.1401	.1646	.0000		.1864
115.600	-.4134									.1973	.1864
133.800	-.4019	-.4427	-.4942	-.1835	-.0266	.0802	.1491	.1637			.1864
149.100	-.4342									.1973	.1864
180.000	-.4396	-.2858	-.3573	-.2635	-.0689	.0656	.1410	.1664	.0000	.1964	.1864

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1859	-.1851	-.1759	-.0705	-.0058	.0739	.1374	.1556	.0000	.1865	.1865
44.800	-.1913							.1547		.1938	.1865
50.100	-.8786							.1556		.1938	.1865
101.400	-.2375	-.4892	-.4430	-.2513	-.0712	.0748	.1411	.1674	.0000		.1865
115.600	-.4060									.2038	.1865
133.800	-.4014	-.4407	-.4861	-.1751	-.0174	.0866	.1492	.1692			.1865
149.100	-.4376									.2011	.1865
180.000	-.4337	-.2806	-.3591	-.2721	-.0666	.0684	.1420	.1701	.0000	.1974	.1865

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC46)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1843	-.1843	-.1797	-.0674	-.0074	.0738	.1328	.1564	.0000	.1882	.1791
44.800	-.1874							.1574		.1964	.1791
50.100	-.8374							.1564		.1946	.1791
101.400	-.2343	-.4843	-.4320	-.2358	-.0558	.0856	.1437	.1719	.0000		.1791
115.600	-.4082									.1992	.1791
133.800	-.4059	-.4397	-.4797	-.1643	-.0074	.0893	.1465	.1673			.1791
149.100	-.4482									.1992	.1791
180.000	-.4151	-.3212	-.3582	-.2635	-.0620	.0620	.1292	.1592	.0000	.1946	.1791

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1881	-.1835	-.1765	-.0676	-.0058	.0732	.1343	.1579	.0000	.1917	.1807
44.800	-.1881							.1570		.1981	.1807
50.100	-.7495							.1570		.1999	.1807
101.400	-.2344	-.4692	-.4105	-.2043	-.0306	.0887	.1434	.1689	.0000		.1807
115.600	-.4089									.2045	.1807
133.800	-.4190	-.4491	-.4954	-.1626	-.0020	.0923	.1470	.1598			.1807
149.100	-.4607									.1999	.1807
180.000	-.4228	-.3302	-.3510	-.2522	-.0715	.0550	.1352	.1607	.0000	.1954	.1807

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1870	-.1893	-.1800	-.0698	-.0105	.0722	.1322	.1540	.0000	.1913	.1777
44.800	-.1870							.1558		.1950	.1777
50.100	-.6649							.1549		.1959	.1777
101.400	-.2378	-.4568	-.3905	-.1770	-.0066	.0958	.1376	.1595	.0000		.1777
115.600	-.4228									.2106	.1777
133.800	-.4259	-.4552	-.4807	-.1531	.0025	.0849	.1395	.1568			.1777
149.100	-.4660									.1968	.1777
180.000	-.4383	-.3365	-.3473	-.2625	-.0714	.0576	.1404	.1704	.0000	.1895	.1777

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC46)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1894	-.1894	-.1817	-.0745	-.0159	.0649	.1286	.1532	.0000	.1906	.1223
44.800	-.1894							.1523		.1979	.1223
50.100	-.5712							.1523		.1970	.1223
101.400	-.2681	-.4416	-.3676	-.1647	-.0074	.0904	.1405	.1650	.0000		.1223
115.600	-.4108									.2317	.1223
133.800	-.4378	-.4617	-.4540	-.1084	.0149	.0667	.1286	.1614			.1223
149.100	-.4918									.1887	.1223
180.000	-.4725	-.3483	-.3576	-.2843	-.0783	.0504	.1323	.1587	.0000	.1623	.1223

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.483 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1905	-.1921	-.1828	-.0751	-.0228	.0539	.1193	.1447	.0000	.1828	.0884
44.800	-.1874							.1465		.1919	.0884
50.100	-.5276							.1456		.1929	.0884
101.400	-.2852	-.3952	-.3067	-.1174	-.0174	.0457	.1075	.1520	.0000		.0884
115.600	-.3914									.2513	.0884
133.800	-.4414	-.4552	-.3967	-.0582	-.0289	.0239	.0929	.1392			.0884
149.100	-.5068									.1510	.0884
180.000	-.4952	-.3706	-.3683	-.3013	-.0920	.0239	.1129	.1483	.0000	.1356	.0884

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC47) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2059	-.2059	-.1960	-.0825	-.0273	.0600	.1342	.1659	.0000	.2049	.2076
44.800	-.2121							.1596		.2031	.2076
50.100	-.8938							.1596		.2040	.2076
101.400	-.2213	-.5165	-.5142	-.3486	-.1799	.0102	.1215	.1523	.0000		.2076
115.600	-.4390									.2186	.2076
133.800	-.4160	-.4621	-.5318	-.2105	-.0579	.0537	.1243	.1487			.2076
149.100	-.4176									.2040	.2076
180.000	-.3930	-.3133	-.3409	-.2404	-.0656	.0582	.1387	.1650	.0000	.2004	.2076

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2062	-.2077	-.1969	-.0844	-.0289	.0621	.1376	.1740	.0000	.2123	.2132
44.800	-.2131							.1676		.2105	.2132
50.100	-.8156							.1667		.2114	.2132
101.400	-.2270	-.5151	-.4951	-.3202	-.1384	.0412	.1376	.1640	.0000		.2132
115.600	-.4327									.2287	.2132
133.800	-.4111	-.4458	-.4966	-.1823	-.0336	.0648	.1376	.1640			.2132
149.100	-.4219									.2059	.2132
180.000	-.4774	-.2847	-.3726	-.3009	-.0960	.0458	.1467	.1731	.0000	.2041	.2132

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2148	-.2094	-.2033	-.0834	-.0289	.0601	.1390	.1735	.0000	.2071	.2117
44.800	-.2186							.1662		.2044	.2117
50.100	-.7794							.1635		.2071	.2117
101.400	-.2340	-.5121	-.4898	-.3039	-.1226	.0538	.1435	.1735	.0000		.2117
115.600	-.4307									.2244	.2117
133.800	-.4107	-.4452	-.4775	-.1817	-.0350	.0737	.1453	.1689			.2117

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC47)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4337									.2071	.2117
180.000	-.4783	-.2662	-.3592	-.2901	-.0834	.0565	.1481	.1744	.0000	.2016	.2117

MACH (1) = .200 BETA (4) = .020 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2152	-.2129	-.2029	-.0839	-.0298	.0605	.1425	.1726	.0000	.2083	.2156
44.800	-.2168							.1680		.2083	.2156
50.100	-.7421							.1690		.2101	.2156
101.400	-.2353	-.5119	-.4763	-.2901	-.1055	.0678	.1525	.1790	.0000		.2156
115.600	-.4230									.2248	.2156
133.800	-.4053	-.4431	-.4632	-.1828	-.0275	.0796	.1535	.1790			.2156
149.100	-.4416									.2119	.2156
180.000	-.4910	-.2631	-.3682	-.2994	-.0823	.0577	.1489	.1808	.0000	.2110	.2156

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2188	-.2172	-.2088	-.0842	-.0312	.0602	.1400	.1699	.0000	.2109	.2091
44.800	-.2195							.1681		.2109	.2091
50.100	-.7246							.1663		.2127	.2091
101.400	-.2418	-.5032	-.4671	-.2733	-.0904	.0756	.1545	.1808	.0000		.2091
115.600	-.4240									.2218	.2091
133.800	-.4094	-.4440	-.4717	-.1803	-.0266	.0810	.1600	.1772			.2091
149.100	-.4486									.2063	.2091
180.000	-.4601	-.2733	-.3656	-.2872	-.0835	.0538	.1500	.1781	.0000	.2073	.2091

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC47)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2229	-.2214	-.2106	-.0867	-.0305	.0593	.1366	.1702	.0000	.2094	.2076
44.800	-.2222							.1684		.2149	.2076
50.100	-.6918							.1675		.2149	.2076
101.400	-.2945	-.4939	-.4539	-.2583	-.0713	.0857	.1538	.1793	.0000		.2076
115.600	-.4162									.2240	.2076
133.800	-.4123	-.4470	-.4801	-.1783	-.0251	.0884	.1638	.1802			.2076
149.100	-.4523									.2066	.2076
180.000	-.4500	-.2891	-.3677	-.2914	-.0897	.0475	.1466	.1775	.0000	.2057	.2076

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2320	-.2282	-.2166	-.0866	-.0281	.0566	.1329	.1665	.0000	.2047	.2093
44.800	-.2274							.1665		.2102	.2093
50.100	-.6560							.1646		.2129	.2093
101.400	-.2436	-.4744	-.4221	-.2236	-.0366	.1020	.1556	.1819	.0000		.2093
115.600	-.4144									.2166	.2093
133.800	-.4236	-.4559	-.4890	-.1628	-.0012	.1002	.1655	.1783			.2093
149.100	-.4659									.2065	.2093
180.000	-.3959	-.3236	-.3451	-.2605	-.0651	.0593	.1410	.1692	.0000	.2047	.2093

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2315	-.2292	-.2200	-.0826	-.0273	.0592	.1398	.1661	.0000	.2106	.2152
44.800	-.2300							.1679		.2152	.2152
50.100	-.5977							.1679		.2152	.2152
101.400	-.2338	-.4664	-.4127	-.2054	-.0258	.1063	.1697	.1897	.0000		.2152
115.600	-.4211									.2225	.2152
133.800	-.4265	-.4603	-.4956	-.1547	.0094	.1063	.1661	.1851			.2152
149.100	-.4726									.2097	.2152
180.000	-.3758	-.3229	-.3282	-.2384	-.0595	.0637	.1462	.1733	.0000	.2033	.2152

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC47)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2327	-.2320	-.2196	-.0846	-.0313	.0577	.1351	.1679	.0000	.2126	.2154
44.800	-.2273							.1697		.2181	.2154
50.100	-.5383							.1724		.2172	.2154
101.400	-.2350	-.4696	-.4125	-.1988	-.0236	.1123	.1742	.1989	.0000		.2154
115.600	-.4395									.2273	.2154
133.800	-.4473	-.4704	-.4912	-.1509	.0126	.1032	.1633	.1888			.2154
149.100	-.4882									.2016	.2154
180.000	-.4017	-.3246	-.3346	-.2559	-.0629	.0613	.1478	.1751	.0000	.1934	.2154

MACH (1) = .200 BETA (10) = 10.010 Q(PSF) = 60.567 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2308	-.2308	-.2200	-.0883	-.0367	.0512	.1285	.1640	.0000	.2150	.1858
44.800	-.2293							.1649		.2169	.1858
50.100	-.4951							.1649		.2150	.1858
101.400	-.2624	-.4597	-.4019	-.1769	-.0035	.1121	.1640	.1849	.0000		.1858
115.600	-.4496									.2406	.1858
133.800	-.4627	-.4805	-.4874	-.1407	.0203	.0976	.1576	.1876			.1858
149.100	-.5043									.1749	.1858
180.000	-.4835	-.3657	-.3418	-.2593	-.0690	.0503	.1412	.1640	.0000	.1512	.1858

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC48) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2684	-.2615	-.2484	-.0882	-.0428	.0475	.1366	.1802	.0000	.2378	.2423
44.800	-.2684							.1675		.2360	.2423
50.100	-.7482							.1639		.2369	.2423
101.400	-.2068	-.4995	-.5357	-.3747	-.2107	.0030	.1284	.1721	.0000		.2423
115.600	-.4363									.2451	.2423
133.800	-.4417	-.4856	-.5488	-.2099	-.0536	.0439	.1075	.1639			.2423
149.100	-.4178									.2113	.2423
180.000	-.4479	-.2885	-.3793	-.3223	-.1167	.0103	.1121	.1348	.0000	.2085	.2423

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2729	-.2706	-.2475	-.0874	-.0420	.0475	.1383	.1792	.0000	.2367	.2413
44.800	-.2690							.1701		.2376	.2413
50.100	-.7000							.1719		.2404	.2413
101.400	-.2205	-.5191	-.5176	-.3483	-.1690	.0357	.1456	.1792	.0000		.2413
115.600	-.4360									.2413	.2413
133.800	-.4252	-.4660	-.5099	-.1836	-.0497	.0502	.1247	.1692			.2413
149.100	-.4283									.2267	.2413
180.000	-.4714	-.2867	-.3875	-.3244	-.1259	.0139	.1247	.1620	.0000	.2239	.2413

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2719	-.2650	-.2550	-.0858	-.0489	.0511	.1392	.1873	.0000	.2384	.2384
44.800	-.2696							.1791		.2393	.2384
50.100	-.6680							.1718		.2356	.2384
101.400	-.2327	-.5111	-.5150	-.3289	-.1566	.0484	.1519	.1827	.0000		.2384
115.600	-.4373									.2293	.2384
133.800	-.4227	-.4596	-.4873	-.1789	-.0504	.0538	.1392	.1700			.2384

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC48)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5196										
180.000	-.4888	-.2789	-.3750	-.3119	-.1243	.0148	.1237	.1655	.0000	.2229 .2238	.2384 .2384

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2718	-.2664	-.2518	-.0876	-.0428	.0531	.1440	.1841	.0000	.2390	.2417
44.800	-.2695							.1750		.2344	.2417
50.100	-.6349							.1759		.2344	.2417
101.400	-.2410	-.5177	-.5069	-.3127	-.1323	.0603	.1531	.1905	.0000		.2417
115.600	-.4291									.2344	.2417
133.800	-.4322	-.4607	-.4692	-.1909	-.0513	.0585	.1468	.1759			.2417
149.100	-.4545									.2261	.2417
180.000	-.4977	-.2680	-.3743	-.3181	-.1207	.0139	.1277	.1650	.0000	.2271	.2417

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2699	-.2660	-.2491	-.0882	-.0405	.0539	.1420	.1838	.0000	.2386	.2395
44.800	-.2691							.1774		.2386	.2395
50.100	-.6224							.1774		.2395	.2395
101.400	-.2437	-.5062	-.4970	-.2976	-.1097	.0748	.1611	.1874	.0000		.2395
115.600	-.4323									.2340	.2395
133.800	-.4454	-.4669	-.4654	-.2006	-.0543	.0630	.1547	.1784			.2395
149.100	-.4485									.2249	.2395
180.000	-.4762	-.2729	-.3769	-.3207	-.1282	.0166	.1257	.1620	.0000	.2249	.2395

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC48)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2709	-.2655	-.2501	-.0888	-.0388	.0502	.1399	.1825	.0000	.2372	.2418
44.800	-.2655							.1771		.2381	.2418
50.100	-.6043							.1753		.2409	.2418
101.400	-.2555	-.5044	-.4829	-.2809	-.0888	.0873	.1626	.1871	.0000		.2418
115.600	-.4284									.2418	.2418
133.800	-.4437	-.4722	-.5183	-.2355	-.0727	.0610	.1580	.1807			.2418
149.100	-.4652									.2244	.2418
180.000	-.4660	-.2932	-.3900	-.3270	-.1249	.0130	.1245	.1644	.0000	.2235	.2418

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2694	-.2648	-.2471	-.0885	-.0433	.0473	.1314	.1784	.0000	.2375	.2411
44.800	-.2648							.1739		.2347	.2411
50.100	-.5850							.1703		.2366	.2411
101.400	-.2640	-.4816	-.4418	-.2249	-.0357	.0970	.1549	.1703	.0000		.2411
115.600	-.4379									.2411	.2411
133.800	-.4303	-.4663	-.5145	-.2065	-.0418	.0726	.1576	.1667			.2411
149.100	-.4724									.2138	.2411
180.000	-.4241	-.3015	-.3751	-.3199	-.1138	.0093	.1160	.1468	.0000	.2111	.2411

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2668	-.2630	-.2460	-.0882	-.0443	.0503	.1357	.1774	.0000	.2213	.2304
44.800	-.2599							.1756		.2240	.2304
50.100	-.5386							.1747		.2222	.2304
101.400	-.2622	-.4708	-.4308	-.2129	-.0328	.1084	.1747	.1975	.0000		.2304
115.600	-.4516									.2222	.2304
133.800	-.4439	-.4824	-.5201	-.1767	-.0112	.0930	.1593	.1820			.2304
149.100	-.4847									.2103	.2304
180.000	-.4431	-.3592	-.3376	-.2568	-.0713	.0421	.1257	.1493	.0000	.2112	.2304

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC48)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2603	-.2588	-.2380	-.0858	-.0435	.0502	.1355	.1745	.0000	.2274	.2383
44.800	-.2526							.1736		.2246	.2383
50.100	-.4856							.1763		.2246	.2383
101.400	-.2480	-.4756	-.4187	-.2019	-.0266	.1137	.1772	.2027	.0000		.2383
115.600	-.4802									.2274	.2383
133.800	-.4633	-.4964	-.5294	-.1796	.0002	.1010	.1618	.1836			.2383
149.100	-.4979									.2192	.2383
180.000	-.3764	-.3280	-.3280	-.2442	-.0689	.0448	.1355	.1573	.0000	.2155	.2383

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.598 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2643	-.2612	-.2435	-.0866	-.0458	.0457	.1301	.1746	.0000	.2302	.2293
44.800	-.2589							.1764		.2275	.2293
50.100	-.4481							.1755		.2284	.2293
101.400	-.2943	-.4635	-.4166	-.1812	-.0081	.1147	.1737	.2019	.0000		.2293
115.600	-.5066									.2384	.2293
133.800	-.4920	-.5158	-.5412	-.1850	.0095	.1065	.1546	.1909			.2293
149.100	-.5358									.1882	.2293
180.000	-.3973	-.3620	-.3497	-.2589	-.0735	.0420	.1319	.1446	.0000	.1782	.2293

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC49) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3208	-.3177	-.2894	-.0955	-.0656	.0166	.1034	.1522	.0000	.2457	.2566
44.800	-.3154							.1341		.2430	.2566
50.100	-.6511							.1305		.2384	.2566
101.400	-.2342	-.5323	-.5744	-.3836	-.1890	.0093	.1161	.1540	.0000		.2566
115.600	-.4357									.2475	.2566
133.800	-.4679	-.5269	-.5928	-.2495	-.0855	.0202	.1025	.1405			.2566
149.100	-.4426									.2102	.2566
180.000	-.4426	-.2978	-.4204	-.3683	-.1621	-.0322	.0808	.1151	.0000	.2102	.2566

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3213	-.3167	-.2861	-.0931	-.0617	.0184	.1024	.1530	.0000	.2401	.2574
44.800	-.3144							.1322		.2347	.2574
50.100	-.5978							.1313		.2356	.2574
101.400	-.2693	-.5473	-.5641	-.3520	-.1406	.0229	.1133	.1485	.0000		.2574
115.600	-.4523									.2465	.2574
133.800	-.4607	-.5105	-.5603	-.2386	-.0931	.0193	.1042	.1440			.2574
149.100	-.4531									.2337	.2574
180.000	-.4875	-.2991	-.4255	-.3972	-.1911	-.0475	.0934	.1422	.0000	.2347	.2574

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3237	-.3168	-.2840	-.0929	-.0616	.0228	.1067	.1536	.0000	.2369	.2532
44.800	-.3092							.1338		.2342	.2532
50.100	-.5629							.1374		.2342	.2532
101.400	-.2710	-.5484	-.5476	-.3375	-.1326	.0499	.1229	.1581	.0000		.2532
115.600	-.4536									.2441	.2532
133.800	-.4575	-.5033	-.5446	-.2381	-.0975	.0246	.1211	.1563			.2532

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC49)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4613									.2351	.2532
180.000	-.5117	-.3046	-.4261	-.3963	-.1991	-.0402	.0968	.1563	.0000	.2342	.2532

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3180	-.3188	-.2858	-.0894	-.0618	.0265	.1044	.1569	.0000	.2387	.2541
44.800	-.3142							.1424		.2359	.2541
50.100	-.5527							.1397		.2323	.2541
101.400	-.2881	-.5412	-.5389	-.3142	-.1178	.0528	.1306	.1641	.0000		.2541
115.600	-.4768									.2405	.2541
133.800	-.4653	-.5105	-.5451	-.2359	-.0994	.0175	.1279	.1623			.2541
149.100	-.6233									.2350	.2541
180.000	-.5075	-.3073	-.4300	-.3970	-.2022	-.0458	.0990	.1569	.0000	.2368	.2541

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3239	-.3178	-.2904	-.0889	-.0622	.0228	.1029	.1561	.0000	.2365	.2510
44.800	-.3178							.1407		.2356	.2510
50.100	-.5368							.1389		.2347	.2510
101.400	-.3056	-.5330	-.5269	-.2942	-.0966	.0579	.1362	.1633	.0000		.2510
115.600	-.4948									.2428	.2510
133.800	-.4910	-.5292	-.5467	-.2461	-.1088	.0102	.1326	.1624			.2510
149.100	-.5086									.2365	.2510
180.000	-.4918	-.3148	-.4368	-.3995	-.2026	-.0455	.0975	.1534	.0000	.2347	.2510

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC49)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3254	-.3216	-.2895	-.0914	-.0654	.0201	.1004	.1510	.0000	.2379	.2542
44.800	-.3200							.1374		.2352	.2542
50.100	-.5104							.1374		.2361	.2542
101.400	-.3147	-.5303	-.5104	-.2719	-.0700	.0644	.1338	.1663	.0000		.2542
115.600	-.5028									.2461	.2542
133.800	-.5081	-.5334	-.5372	-.2673	-.1082	.0346	.1320	.1636			.2542
149.100	-.4806									.2388	.2542
180.000	-.4730	-.3147	-.4355	-.4003	-.1977	-.0429	.0932	.1474	.0000	.2343	.2542

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3265	-.3211	-.2897	-.0940	-.0672	.0184	.0999	.1524	.0000	.2378	.2551
44.800	-.3204							.1397		.2360	.2551
50.100	-.4738							.1415		.2351	.2551
101.400	-.3380	-.5175	-.4738	-.2390	-.0472	.0682	.1379	.1687	.0000		.2551
115.600	-.5528									.2469	.2551
133.800	-.4423	-.4761	-.5850	-.2950	-.1232	.0157	.1433	.1696			.2551
149.100	-.4983									.2296	.2551
180.000	-.4009	-.3257	-.4216	-.3886	-.1731	-.0485	.0809	.1225	.0000	.2214	.2551

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3322	-.3314	-.2969	-.0964	-.0703	.0157	.0964	.1462	.0000	.2225	.2353
44.800	-.3261							.1399		.2198	.2353
50.100	-.4343							.1390		.2162	.2353
101.400	-.3460	-.4843	-.4228	-.2001	-.0327	.0873	.1444	.1661	.0000		.2353
115.600	-.5396									.2162	.2353
133.800	-.4858	-.5288	-.5979	-.2439	-.0611	.0519	.1199	.1526			.2353
149.100	-.5158									.1998	.2353
180.000	-.4159	-.4390	-.4397	-.3138	-.1133	-.0014	.0918	.1172	.0000	.2007	.2353

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC49)

MACH (1) = .200 BETA (9) = 8.030 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3283	-.3253	-.2922	-.0911	-.0649	.0248	.1099	.1562	.0000	.2052	.2171
44.800	-.3184							.1589		.2007	.2171
50.100	-.3913							.1580		.2025	.2171
101.400	-.2684	-.4696	-.4213	-.2047	-.0365	.0918	.1534	.1770	.0000		.2171
115.600	-.5695									.2143	.2171
133.800	-.5080	-.5487	-.5956	-.2347	-.0411	.0556	.1199	.1453			.2171
149.100	-.5357									.2016	.2171
180.000	-.3875	-.3560	-.3591	-.2807	-.1087	.0048	.0954	.1317	.0000	.1988	.2171

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.831 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3323	-.3300	-.2939	-.0826	-.0573	.0311	.1109	.1617	.0000	.2336	.2272
44.800	-.3231							.1635		.2299	.2272
50.100	-.3247							.1653		.2290	.2272
101.400	-.3247	-.4776	-.4284	-.2033	-.0273	.0873	.1553	.1862	.0000		.2272
115.600	-.5989									.2472	.2272
133.800	-.5467	-.5751	-.6205	-.2332	-.0250	.0801	.1336	.1744			.2272
149.100	-.5820									.1871	.2272
180.000	-.4184	-.3585	-.3592	-.2893	-.1049	.0084	.1037	.1182	.0000	.1744	.2272

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC51) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 ALPHA (1) = -4.150 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1895	-.1887	-.1787	-.0421	.0211	.0950	.1496	.1705	.0000	.1970	.2025
44.800	-.1987							.1669		.1998	.2025
50.100	-.9062							.1669		.2007	.2025
101.400	-.2195	-.4641	-.4086	-.2010	-.0375	.0913	.1514	.1696	.0000		.2025
115.600	-.4024									.2043	.2025
133.800	-.3692	-.4209	-.5158	-.2195	-.0544	.0704	.1387	.1487			.2025
149.100	-.3962									.2016	.2025
180.000	-.3870	-.2651	-.3823	-.3407	-.1455	.0149	.1278	.1687	.0000	.1998	.2025

MACH (1) = .200 ALPHA (2) = .060 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1647	-.1662	-.1547	-.0351	.0342	.1031	.1413	.1486	.0000	.1832	.1814
44.800	-.1763							.1468		.1832	.1814
50.100	-.8826							.1477		.1859	.1814
101.400	-.2310	-.4747	-.4253	-.2241	-.0506	.0858	.1477	.1668	.0000		.1814
115.600	-.3960									.1914	.1814
133.800	-.3775	-.4253	-.5063	-.1948	-.0336	.0786	.1486	.1614			.1814
149.100	-.4130									.1932	.1814
180.000	-.4207	-.2780	-.3644	-.2935	-.1022	.0476	.1359	.1650	.0000	.1923	.1814

MACH (1) = .200 ALPHA (3) = 4.260 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1563	-.1594	-.1532	-.0552	.0095	.0886	.1451	.1633	.0000	.1851	.1860
44.800	-.1663							.1605		.1869	.1860
50.100	-.9146							.1596		.1888	.1860
101.400	-.2404	-.4857	-.4471	-.2504	-.0714	.0813	.1487	.1687	.0000		.1860
115.600	-.3978									.1997	.1860
133.800	-.3831	-.4309	-.4896	-.1763	-.0166	.0877	.1505	.1687			.1860

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC51)

MACH (1) = .200 ALPHA (3) = 4.260

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4240									.2025	.1860
180.000	-.4271	-.2681	-.3337	-.2450	-.0498	.0759	.1414	.1633	.0000	.2007	.1860

MACH (1) = .200 ALPHA (4) = 8.490 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1654	-.1670	-.1647	-.0667	-.0112	.0794	.1477	.1777	.0000	.2051	.2069
44.800	-.1708							.1741		.2060	.2069
50.100	-.8354							.1723		.2042	.2069
101.400	-.2387	-.4877	-.4569	-.2649	-.0829	.0849	.1522	.1768	.0000		.2069
115.600	-.4083									.2234	.2069
133.800	-.3921	-.4276	-.4599	-.1662	-.0151	.0904	.1604	.1759			.2069
149.100	-.4253									.2106	.2069
180.000	-.4700	-.2425	-.3389	-.2726	-.0613	.0740	.1604	.1804	.0000	.2079	.2069

MACH (1) = .200 ALPHA (5) = 12.700 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2242	-.2172	-.2095	-.0763	-.0198	.0652	.1483	.1885	.0000	.2271	.2271
44.800	-.2226							.1830		.2280	.2271
50.100	-.7027							.1785		.2326	.2271
101.400	-.2296	-.4905	-.4751	-.2877	-.1050	.0770	.1574	.1858	.0000		.2271
115.600	-.4201									.2400	.2271
133.800	-.4054	-.4309	-.4441	-.1669	-.0221	.0871	.1556	.1812			.2271
149.100	-.4286									.2216	.2271
180.000	-.4913	-.2420	-.3465	-.2768	-.0833	.0542	.1483	.1776	.0000	.2198	.2271

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC51)

MACH (1) = .200 ALPHA (6) = 16.960 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2428	-.2405	-.2213	-.0789	-.0358	.0630	.1474	.1929	.0000	.2504	.2540
44.800	-.2444							.1828		.2467	.2540
50.100	-.5884							.1810		.2486	.2540
101.400	-.2390	-.4953	-.4945	-.2967	-.1159	.0739	.1656	.1910	.0000		.2540
115.600	-.4206									.2449	.2540
133.800	-.4129	-.4422	-.4568	-.1774	-.0420	.0657	.1583	.1828			.2540
149.100	-.4360									.2394	.2540
180.000	-.4791	-.2528	-.3490	-.3029	-.1128	.0185	.1320	.1683	.0000	.2403	.2540

MACH (1) = .200 ALPHA (7) = 21.230 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2884	-.2861	-.2563	-.0770	-.0487	.0355	.1133	.1684	.0000	.2447	.2601
44.800	-.2838							.1512		.2438	.2601
50.100	-.5305							.1503		.2401	.2601
101.400	-.2800	-.5236	-.5136	-.2961	-.1038	.0663	.1404	.1720	.0000		.2601
115.600	-.4639									.2510	.2601
133.800	-.4524	-.4922	-.5221	-.2172	-.0855	.0310	.1413	.1720			.2601
149.100	-.5979									.2410	.2601
180.000	-.5014	-.2884	-.4072	-.3765	-.1835	-.0303	.1115	.1666	.0000	.2447	.2601

MACH (1) = .200 ALPHA (8) = 25.460 Q(PSF) = 60.549 PO = 2119.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3274	-.3190	-.2892	-.1005	-.0852	-.0086	.0679	.1247	.0000	.2241	.2558
44.800	-.3236							.0976		.2186	.2558
50.100	-.5199							.0949		.2186	.2558
101.400	-.3556	-.5680	-.5542	-.3236	-.1204	.0183	.0859	.1256	.0000		.2558
115.600	-.5634									.2404	.2558
133.800	-.5176	-.5711	-.6322	-.3022	-.1326	.0030	.0994	.1490			.2558
149.100	-.6024									.2377	.2558
180.000	-.5275	-.3236	-.4672	-.4618	-.2495	-.0753	.0823	.1499	.0000	.2386	.2558

OA175 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC52) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1926	-.1934	-.1787	-.0367	.0350	.1041	.1351	.1415	.0000	.1852	.1888
44.800	-.2027							.1396		.1843	.1888
50.100	-1.0115							.1378		.1861	.1888
101.400	-.2189	-.5021	-.4712	-.2783	-.1062	.0640	.1442	.1652	.0000		.1888
115.600	-.3817									.1962	.1888
133.800	-.3532	-.4141	-.5098	-.2158	-.0637	.0613	.1497	.1652			.1888
149.100	-.3871									.1953	.1888
180.000	-.4126	-.3007	-.3779	-.3076	-.1093	.0458	.1378	.1715	.0000	.1953	.1888

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1822	-.1845	-.1707	-.0374	.0341	.1039	.1357	.1448	.0000	.1821	.1866
44.800	-.1907							.1439		.1812	.1866
50.100	-.9456							.1430		.1830	.1866
101.400	-.2277	-.4911	-.4503	-.2539	-.0767	.0794	.1448	.1666	.0000		.1866
115.600	-.3887									.1921	.1866
133.800	-.3655	-.4179	-.5057	-.2053	-.0490	.0721	.1485	.1648			.1866
149.100	-.4002									.1921	.1866
180.000	-.4225	-.2955	-.3655	-.2993	-.1037	.0457	.1366	.1676	.0000	.1912	.1866

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1691	-.1652	-.1551	-.0383	.0343	.0998	.1400	.1463	.0000	.1819	.1865
44.800	-.1776							.1436		.1810	.1865
50.100	-.9131							.1418		.1819	.1865
101.400	-.2263	-.4885	-.4429	-.2418	-.0631	.0824	.1445	.1655	.0000		.1865
115.600	-.3918									.1911	.1865
133.800	-.3740	-.4220	-.5063	-.2008	-.0407	.0788	.1482	.1628			.1865

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC52)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4096									.1929	.1865
180.000	-.4251	-.2866	-.3655	-.2944	-.0994	.0487	.1354	.1646	.0000	.1911	.1865

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1659	-.1651	-.1574	-.0389	.0326	.1029	.1411	.1483	.0000	.1819	.1819
44.800	-.1713							.1456		.1846	.1819
50.100	-.8831							.1438		.1846	.1819
101.400	-.2259	-.4706	-.4268	-.2236	-.0481	.0893	.1438	.1647	.0000		.1819
115.600	-.3921									.1929	.1819
133.800	-.3775	-.4275	-.5029	-.1959	-.0320	.0802	.1465	.1592			.1819
149.100	-.4106									.1947	.1819
180.000	-.4175	-.2790	-.3637	-.2944	-.1005	.0502	.1338	.1638	.0000	.1929	.1819

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1625	-.1617	-.1548	-.0344	.0326	.1023	.1351	.1469	.0000	.1870	.1769
44.800	-.1710							.1460		.1888	.1769
50.100	-.8500							.1487		.1897	.1769
101.400	-.2219	-.4619	-.4132	-.2080	-.0352	.0904	.1433	.1651	.0000		.1769
115.600	-.3963									.1961	.1769
133.800	-.3862	-.4271	-.5020	-.1887	-.0244	.0841	.1442	.1551			.1769
149.100	-.4217									.1989	.1769
180.000	-.4024	-.2859	-.3685	-.2929	-.1023	.0476	.1369	.1651	.0000	.1961	.1769

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC52)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1600	-.1607	-.1515	-.0367	.0303	.1003	.1340	.1467	.0000	.1895	.1840
44.800	-.1723							.1458		.1922	.1840
50.100	-.8258							.1458		.1922	.1840
101.400	-.2201	-.4597	-.4027	-.1993	-.0359	.0867	.1449	.1713	.0000		.1840
115.600	-.4004									.1986	.1840
133.800	-.3942	-.4343	-.5037	-.1862	-.0243	.0821	.1422	.1576			.1840
149.100	-.4305									.2005	.1840
180.000	-.3942	-.2941	-.3696	-.2995	-.1045	.0467	.1367	.1685	.0000	.1986	.1840

MACH (1) = .200 BETA (7) = 3.960 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1567	-.1598	-.1521	-.0358	.0356	.1020	.1220	.1384	.0000	.1902	.1847
44.800	-.1644							.1411		.1938	.1847
50.100	-.7772							.1393		.1948	.1847
101.400	-.2252	-.4477	-.3892	-.1844	-.0274	.0930	.1502	.1729	.0000		.1847
115.600	-.4115									.2094	.1847
133.800	-.4092	-.4485	-.5024	-.1829	-.0151	.0811	.1257	.1429			.1847
149.100	-.4485									.2057	.1847
180.000	-.3961	-.3084	-.3792	-.3107	-.1128	.0375	.1347	.1702	.0000	.1975	.1847

MACH (1) = .200 BETA (8) = 5.960 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1608	-.1608	-.1500	-.0390	.0303	.0949	.1240	.1367	.0000	.1895	.1677
44.800	-.1646							.1395		.1987	.1677
50.100	-.7566							.1395		.1968	.1677
101.400	-.2340	-.4236	-.3558	-.1546	-.0097	.0976	.1504	.1768	.0000		.1677
115.600	-.4128									.2197	.1677
133.800	-.4259	-.4575	-.5046	-.1654	-.0020	.0767	.1213	.1649			.1677
149.100	-.4676									.1941	.1677
180.000	-.4074	-.3257	-.3905	-.3280	-.1199	.0294	.1358	.1677	.0000	.1840	.1677

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC52)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1634	-.1619	-.1534	-.0419	.0179	.0865	.1255	.1391	.0000	.1845	.1436
44.800	-.1657							.1400		.1936	.1436
50.100	-.7108							.1409		.1808	.1436
101.400	-.2165	-.4094	-.3225	-.1357	.0056	.0992	.1427	.1718	.0000		.1436
115.600	-.4163									.2301	.1436
133.800	-.4417	-.4686	-.4994	-.1496	.0087	.0638	.1318	.1708			.1436
149.100	-.4863									.1872	.1436
180.000	-.4340	-.3448	-.3963	-.3356	-.1219	.0257	.1318	.1600	.0000	.1718	.1436

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.463 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1657	-.1649	-.1572	-.0483	.0126	.0814	.1260	.1415	.0000	.1825	.1397
44.800	-.1649							.1434		.1908	.1397
50.100	-.6560							.1452		.1898	.1397
101.400	-.2630	-.3780	-.3031	-.1248	.0103	.0951	.1479	.1771	.0000		.1397
115.600	-.4159									.2549	.1397
133.800	-.4630	-.4830	-.4946	-.1356	.0087	.0531	.1470	.1762			.1397
149.100	-.5101									.1926	.1397
180.000	-.4583	-.3587	-.3927	-.3386	-.1178	.0276	.1324	.1625	.0000	.1753	.1397

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC53) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1602	-.1610	-.1548	-.0619	.0010	.0846	.1480	.1652	.0000	.1925	.2007
44.800	-.1732							.1634		.1888	.2007
50.100	-.9950							.1625		.1879	.2007
101.400	-.2209	-.5058	-.4874	-.3107	-.1371	.0411	.1399	.1616	.0000		.2007
115.600	-.3944									.2071	.2007
133.800	-.3752	-.4290	-.5058	-.2017	-.0488	.0665	.1417	.1589			.2007
149.100	-.4036									.2016	.2007
180.000	-.3960	-.3099	-.3414	-.2477	-.0626	.0674	.1426	.1707	.0000	.2016	.2007

MACH (1) = .200 BETA (2) = -.010 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1586	-.1594	-.1532	-.0583	.0025	.0850	.1460	.1650	.0000	.1888	.1925
44.800	-.1640							.1670		.1925	.1925
50.100	-.9111							.1651		.1916	.1925
101.400	-.2389	-.4805	-.4434	-.2536	-.0753	.0832	.1487	.1706	.0000		.1925
115.600	-.3971									.2035	.1925
133.800	-.3863	-.4264	-.4774	-.1695	-.0112	.0923	.1542	.1715			.1925
149.100	-.4226									.2044	.1925
180.000	-.4396	-.2698	-.3338	-.2489	-.0498	.0804	.1478	.1715	.0000	.2053	.1925

MACH (1) = .200 BETA (3) = 1.020 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1571	-.1594	-.1517	-.0568	.0041	.0850	.1442	.1642	.0000	.1952	.1907
44.800	-.1679							.1651		.1980	.1907
50.100	-.8733							.1651		.1989	.1907
101.400	-.2273	-.4751	-.4257	-.2358	-.0568	.0859	.1487	.1761	.0000		.1907
115.600	-.3948									.2090	.1907
133.800	-.3871	-.4280	-.4743	-.1610	-.0058	.0968	.1569	.1770			.1907

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC53)

MACH (1) = .200 BETA (3) = 1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4241									.2090	.1907
180.000	-.4264	-.2644	-.3431	-.2551	-.0552	.0813	.1497	.1779	.0000	.2026	.1907

MACH (1) = .200 BETA (4) = 1.970 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1603	-.1603	-.1549	-.0599	.0002	.0842	.1443	.1644	.0000	.1954	.1835
44.800	-.1665							.1625		.2018	.1835
50.100	-.8485							.1625		.2000	.1835
101.400	-.2314	-.4708	-.4199	-.2221	-.0445	.0933	.1516	.1771	.0000		.1835
115.600	-.3951									.2046	.1835
133.800	-.3928	-.4284	-.4631	-.1518	.0041	.0969	.1562	.1744			.1835
149.100	-.4307									.2073	.1835
180.000	-.3789	-.3109	-.3434	-.2437	-.0514	.0714	.1398	.1662	.0000	.2027	.1835

MACH (1) = .200 BETA (5) = 3.970 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1582	-.1574	-.1535	-.0604	.0048	.0847	.1437	.1637	.0000	.1965	.1819
44.800	-.1643							.1637		.2029	.1819
50.100	-.7621							.1637		.2038	.1819
101.400	-.2266	-.4536	-.3959	-.1920	-.0181	.0956	.1465	.1746	.0000		.1819
115.600	-.3920									.2120	.1819
133.800	-.4036	-.4367	-.4767	-.1512	.0064	.0983	.1501	.1655			.1819
149.100	-.4451									.2056	.1819
180.000	-.3820	-.3151	-.3367	-.2397	-.0604	.0675	.1392	.1683	.0000	.2001	.1819

OA176 B26C9PRIM16N28WI16E43F8V8R5TC19X9 TAILCONE (RFJC53)

MACH (1) = .200 BETA (6) = 5.960 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1594	-.1579	-.1548	-.0589	-.0004	.0795	.1424	.1624	.0000	.1934	.1743
44.800	-.1625							.1624		.1980	.1743
50.100	-.6634							.1615		.1989	.1743
101.400	-.2297	-.4466	-.3833	-.1702	.0041	.0987	.1406	.1661	.0000		.1743
115.600	-.4095									.2145	.1743
133.800	-.4180	-.4442	-.4651	-.1417	.0095	.0941	.1424	.1633			.1743
149.100	-.4589									.1989	.1743
180.000	-.4172	-.3285	-.3393	-.2582	-.0650	.0677	.1479	.1752	.0000	.1918	.1743

MACH (1) = .200 BETA (7) = 7.970 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1600	-.1600	-.1569	-.0675	-.0074	.0740	.1367	.1622	.0000	.1922	.1267
44.800	-.1607							.1631		.1995	.1267
50.100	-.5614							.1622		.1995	.1267
101.400	-.2655	-.4258	-.3565	-.1522	.0033	.0958	.1413	.1722	.0000		.1267
115.600	-.3973									.2407	.1267
133.800	-.4289	-.4474	-.4389	-.0929	.0241	.0694	.1294	.1676			.1267
149.100	-.4813									.1913	.1267
180.000	-.4443	-.3403	-.3518	-.2763	-.0706	.0567	.1349	.1594	.0000	.1649	.1267

MACH (1) = .200 BETA (8) = 9.950 Q(PSF) = 60.467 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1678	-.1670	-.1639	-.0691	-.0143	.0540	.1268	.1550	.0000	.1887	.1049
44.800	-.1678							.1568		.1951	.1049
50.100	-.5040							.1559		.2006	.1049
101.400	-.2811	-.3768	-.2912	-.1082	-.0105	.0485	.1059	.1596	.0000		.1049
115.600	-.3791									.2518	.1049
133.800	-.4331	-.4400	-.3814	-.0560	-.0274	.0276	.0986	.1495			.1049
149.100	-.4947									.1586	.1049
180.000	-.4755	-.3552	-.3613	-.2919	-.0891	.0267	.1140	.1504	.0000	.1432	.1049

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC54) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1759	-.1752	-.1682	-.0712	-.0166	.0702	.1474	.1765	.0000	.2121	.2166
44.800	-.1829							.1665		.2093	.2166
50.100	-.9002							.1656		.2084	.2166
101.400	-.2167	-.5023	-.4946	-.3291	-.1652	.0212	.1293	.1602	.0000		.2166
115.600	-.4176									.2185	.2166
133.800	-.3999	-.4499	-.5131	-.1929	-.0420	.0621	.1302	.1574			.2166
149.100	-.4045									.2093	.2166
180.000	-.3714	-.3075	-.3206	-.2252	-.0489	.0684	.1465	.1720	.0000	.2084	.2166

MACH (1) = .200 BETA (2) = -2.010 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1835	-.1812	-.1727	-.0746	-.0159	.0696	.1498	.1808	.0000	.2174	.2220
44.800	-.1866							.1744		.2174	.2220
50.100	-.8154							.1735		.2165	.2220
101.400	-.2206	-.5026	-.4840	-.3064	-.1248	.0559	.1471	.1726	.0000		.2220
115.600	-.4137									.2367	.2220
133.800	-.3960	-.4361	-.4763	-.1688	-.0228	.0787	.1462	.1708			.2220
149.100	-.4060									.2101	.2220
180.000	-.4632	-.2685	-.3442	-.2816	-.0761	.0614	.1525	.1781	.0000	.2101	.2220

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1829	-.1868	-.1737	-.0720	-.0189	.0730	.1475	.1793	.0000	.2122	.2195
44.800	-.1898							.1766		.2149	.2195
50.100	-.7627							.1748		.2131	.2195
101.400	-.2253	-.4955	-.4663	-.2869	-.1082	.0675	.1520	.1793	.0000		.2195
115.600	-.4124									.2277	.2195
133.800	-.3947	-.4278	-.4501	-.1621	-.0151	.0839	.1539	.1784			.2195

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC54)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4162										
180.000	-.4740	-.2514	-.3385	-.2668	-.0651	.0684	.1548	.1829	.0000	.2131	.2195
										.2149	.2195

MACH (1) = .200 BETA (4) = .010 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1898	-.1921	-.1797	-.0723	-.0190	.0696	.1489	.1790	.0000	.2148	.2175
44.800	-.1952							.1763		.2184	.2175
50.100	-.7261							.1772		.2166	.2175
101.400	-.2300	-.4927	-.4626	-.2779	-.0932	.0751	.1572	.1836	.0000		.2175
115.600	-.4100									.2304	.2175
133.800	-.3946	-.4247	-.4479	-.1635	-.0174	.0897	.1644	.1827			.2175
149.100	-.4216									.2157	.2175
180.000	-.4765	-.2385	-.3466	-.2810	-.0692	.0678	.1599	.1836	.0000	.2138	.2175

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1926	-.1918	-.1825	-.0753	-.0197	.0713	.1487	.1797	.0000	.2153	.2153
44.800	-.1957							.1769		.2190	.2153
50.100	-.7011							.1769		.2172	.2153
101.400	-.2365	-.4881	-.4534	-.2612	-.0768	.0877	.1624	.1870	.0000		.2153
115.600	-.4086									.2291	.2153
133.800	-.3978	-.4279	-.4518	-.1640	-.0190	.0904	.1678	.1824			.2153
149.100	-.4318									.2135	.2153
180.000	-.4580	-.2528	-.3446	-.2682	-.0699	.0659	.1533	.1797	.0000	.2099	.2153

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC54)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1981	-.1966	-.1843	-.0750	-.0197	.0675	.1464	.1791	.0000	.2147	.2119
44.800	-.1997							.1773		.2211	.2119
50.100	-.6666							.1764		.2183	.2119
101.400	-.2420	-.4781	-.4312	-.2427	-.0604	.0947	.1619	.1864	.0000		.2119
115.600	-.4027									.2293	.2119
133.800	-.3973	-.4327	-.4612	-.1612	-.0112	.0956	.1700	.1846			.2119
149.100	-.4381									.2129	.2119
180.000	-.4197	-.2812	-.3573	-.2789	-.0743	.0548	.1501	.1818	.0000	.2138	.2119

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2024	-.1993	-.1862	-.0737	-.0174	.0658	.1449	.1741	.0000	.2133	.2170
44.800	-.2078							.1732		.2179	.2170
50.100	-.6172							.1741		.2197	.2170
101.400	-.2348	-.4568	-.4083	-.2055	-.0266	.1058	.1641	.1895	.0000		.2170
115.600	-.3936									.2225	.2170
133.800	-.4052	-.4360	-.4699	-.1446	.0110	.1076	.1722	.1813			.2170
149.100	-.4445									.2142	.2170
180.000	-.3736	-.3219	-.3196	-.2363	-.0467	.0722	.1495	.1722	.0000	.2142	.2170

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2007	-.1983	-.1868	-.0697	-.0181	.0684	.1430	.1757	.0000	.2195	.2241
44.800	-.2030							.1757		.2213	.2241
50.100	-.5603							.1748		.2222	.2241
101.400	-.2253	-.4478	-.3978	-.1876	-.0174	.1166	.1739	.1966	.0000		.2241
115.600	-.4109									.2286	.2241
133.800	-.4140	-.4455	-.4756	-.1437	.0172	.1148	.1757	.1921			.2241
149.100	-.4525									.2113	.2241
180.000	-.3531	-.3054	-.3154	-.2268	-.0482	.0748	.1521	.1775	.0000	.2094	.2241

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC54)

MACH (1) = .200 BETA (9) = 8.030 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2002	-.2041	-.1894	-.0768	-.0213	.0686	.1441	.1760	.0000	.2199	.2208
44.800	-.2041							.1778		.2217	.2208
50.100	-.5073							.1805		.2217	.2208
101.400	-.2348	-.4540	-.3969	-.1833	-.0128	.1177	.1787	.2034	.0000		.2208
115.600	-.4270									.2345	.2208
133.800	-.4340	-.4533	-.4710	-.1408	.0211	.1077	.1714	.1915			.2208
149.100	-.4679									.2071	.2208
180.000	-.3777	-.3113	-.3221	-.2427	-.0537	.0686	.1523	.1787	.0000	.1997	.2208

MACH (1) = .200 BETA (10) = 9.950 Q(PSF) = 60.471 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1960	-.1983	-.1906	-.0790	-.0274	.0648	.1366	.1757	.0000	.2195	.1848
44.800	-.2022							.1739		.2213	.1848
50.100	-.4640							.1711		.2204	.1848
101.400	-.2615	-.4440	-.3855	-.1629	.0072	.1184	.1666	.1893	.0000		.1848
115.600	-.4332									.2469	.1848
133.800	-.4494	-.4663	-.4678	-.1298	.0318	.0903	.1611	.1902			.1848
149.100	-.4886									.1775	.1848
180.000	-.4609	-.3600	-.3277	-.2468	-.0582	.0530	.1421	.1630	.0000	.1511	.1848

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC55) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2390	-.2374	-.2151	-.0774	-.0320	.0575	.1419	.1837	.0000	.2421	.2412
44.800	-.2474							.1728		.2440	.2412
50.100	-.7252							.1710		.2430	.2412
101.400	-.2043	-.4867	-.5098	-.3551	-.1928	.0112	.1410	.1801	.0000		.2412
115.600	-.4259									.2485	.2412
133.800	-.4213	-.4705	-.5252	-.1912	-.0420	.0557	.1192	.1719			.2412
149.100	-.3974									.2166	.2412
180.000	-.4167	-.2759	-.3605	-.2982	-.1082	.0230	.1201	.1465	.0000	.2129	.2412

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2404	-.2366	-.2126	-.0798	-.0321	.0595	.1505	.1897	.0000	.2474	.2483
44.800	-.2420							.1797		.2447	.2483
50.100	-.6640							.1779		.2465	.2483
101.400	-.2157	-.4950	-.5043	-.3284	-.1517	.0495	.1505	.1888	.0000		.2483
115.600	-.4156									.2501	.2483
133.800	-.4109	-.4511	-.4819	-.1694	-.0321	.0659	.1341	.1769			.2483
149.100	-.4109									.2364	.2483
180.000	-.4750	-.2636	-.3616	-.3029	-.1108	.0294	.1314	.1669	.0000	.2346	.2483

MACH (1) = .200 BETA (3) = -1.020 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2344	-.2344	-.2144	-.0766	-.0305	.0648	.1483	.1911	.0000	.2431	.2486
44.800	-.2390							.1820		.2404	.2486
50.100	-.6347							.1801		.2450	.2486
101.400	-.2267	-.4977	-.4938	-.3152	-.1313	.0621	.1583	.1911	.0000		.2486
115.600	-.4176									.2459	.2486
133.800	-.4053	-.4407	-.4653	-.1752	-.0343	.0648	.1483	.1792			.2486

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC55)

MACH (1) = .200 BETA (3) = -1.020

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4900									.2358	.2486
180.000	-.4807	-.2552	-.3499	-.2952	-.0990	.0275	.1320	.1720	.0000	.2340	.2486

MACH (1) = .200 BETA (4) = .020 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2351	-.2359	-.2120	-.0781	-.0312	.0657	.1510	.1919	.0000	.2467	.2467
44.800	-.2397							.1864		.2458	.2467
50.100	-.6137							.1864		.2458	.2467
101.400	-.2343	-.4929	-.4883	-.2967	-.1128	.0729	.1637	.1965	.0000		.2467
115.600	-.4121									.2421	.2467
133.800	-.4121	-.4359	-.4506	-.1728	-.0397	.0720	.1574	.1837			.2467
149.100	-.4313									.2367	.2467
180.000	-.4860	-.2482	-.3498	-.2928	-.1058	.0303	.1338	.1710	.0000	.2330	.2467

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2374	-.2366	-.2151	-.0781	-.0343	.0638	.1501	.1910	.0000	.2421	.2467
44.800	-.2374							.1873		.2439	.2467
50.100	-.5952							.1837		.2421	.2467
101.400	-.2413	-.4898	-.4790	-.2836	-.0943	.0875	.1646	.1937	.0000		.2467
115.600	-.4159									.2385	.2467
133.800	-.4321	-.4528	-.4428	-.1866	-.0397	.0766	.1601	.1846			.2467
149.100	-.4344									.2312	.2467
180.000	-.4667	-.2589	-.3567	-.3020	-.1066	.0257	.1329	.1719	.0000	.2330	.2467

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC55)

MACH (1) = .200 BETA (6) = 1.960 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2346	-.2307	-.2146	-.0772	-.0311	.0628	.1489	.1933	.0000	.2480	.2498
44.800	-.2400							.1869		.2480	.2498
50.100	-.6000							.1824		.2461	.2498
101.400	-.2469	-.4810	-.4664	-.2592	-.0688	.0945	.1679	.1960	.0000		.2498
115.600	-.4112									.2480	.2498
133.800	-.4311	-.4518	-.4956	-.2146	-.0588	.0728	.1679	.1860			.2498
149.100	-.4442									.2352	.2498
180.000	-.4365	-.2699	-.3689	-.3098	-.1102	.0275	.1308	.1688	.0000	.2307	.2498

MACH (1) = .200 BETA (7) = 3.960 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2417	-.2394	-.2140	-.0767	-.0351	.0576	.1440	.1859	.0000	.2435	.2481
44.800	-.2386							.1804		.2435	.2481
50.100	-.5655							.1822		.2435	.2481
101.400	-.2571	-.4760	-.4306	-.2124	-.0220	.1095	.1622	.1822	.0000		.2481
115.600	-.4205									.2471	.2481
133.800	-.4144	-.4537	-.4992	-.1924	-.0259	.0876	.1649	.1759			.2481
149.100	-.4583									.2215	.2481
180.000	-.3851	-.2949	-.3627	-.3057	-.0999	.0221	.1213	.1495	.0000	.2206	.2481

MACH (1) = .200 BETA (8) = 5.960 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2409	-.2301	-.2148	-.0757	-.0319	.0556	.1444	.1843	.0000	.2253	.2326
44.800	-.2401							.1798		.2253	.2326
50.100	-.5297							.1798		.2299	.2326
101.400	-.2609	-.4537	-.4137	-.1979	-.0189	.1127	.1789	.1980	.0000		.2326
115.600	-.4398									.2290	.2326
133.800	-.4329	-.4629	-.5028	-.1687	.0048	.0991	.1698	.1825			.2326
149.100	-.4667									.2171	.2326
180.000	-.4106	-.3484	-.3269	-.2393	-.0596	.0529	.1345	.1562	.0000	.2190	.2326

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC55)

MACH (1) = .200 BETA (9) = 8.020 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2312	-.2242	-.2057	-.0776	-.0305	.0568	.1460	.1879	.0000	.2365	.2456
44.800	-.2312							.1870		.2383	.2456
50.100	-.4789							.1852		.2355	.2456
101.400	-.2466	-.4535	-.4079	-.1872	-.0143	.1178	.1861	.2090	.0000		.2456
115.600	-.4697									.2392	.2456
133.800	-.4535	-.4812	-.5121	-.1640	.0072	.1096	.1688	.1907			.2456
149.100	-.4913									.2209	.2456
180.000	-.3624	-.3192	-.3169	-.2296	-.0599	.0558	.1396	.1606	.0000	.2126	.2456

MACH (1) = .200 BETA (10) = 9.950 Q(PSF) = 60.557 PO = 2120.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2289	-.2304	-.2043	-.0774	-.0358	.0548	.1374	.1764	.0000	.2338	.2338
44.800	-.2273							.1800		.2357	.2338
50.100	-.4296							.1836		.2329	.2338
101.400	-.2866	-.4535	-.3996	-.1650	.0110	.1228	.1737	.2037	.0000		.2338
115.600	-.4889									.2448	.2338
133.800	-.4773	-.4981	-.5204	-.1635	.0287	.1147	.1519	.1973			.2338
149.100	-.5196									.1909	.2338
180.000	-.3773	-.3504	-.3373	-.2481	-.0597	.0529	.1319	.1428	.0000	.1746	.2338

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC56) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 5.000

MACH (1) = .200 BETA (1) = -4.010 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2861	-.2731	-.2377	-.0918	-.0580	.0211	.1109	.1661	.0000	.2480	.2663
44.800	-.2853							.1463		.2517	.2663
50.100	-.6194							.1453		.2471	.2663
101.400	-.2285	-.5080	-.5411	-.3752	-.1732	.0211	.1263	.1661	.0000		.2663
115.600	-.4220									.2553	.2663
133.800	-.4520	-.4958	-.5641	-.2347	-.0672	.0347	.1154	.1544			.2663
149.100	-.4236									.2253	.2663
180.000	-.4167	-.2792	-.3959	-.3522	-.1402	-.0195	.0900	.1217	.0000	.2234	.2663

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2821	-.2767	-.2375	-.0848	-.0542	.0284	.1126	.1642	.0000	.2479	.2670
44.800	-.2851							.1461		.2469	.2670
50.100	-.5698							.1470		.2488	.2670
101.400	-.2598	-.5207	-.5337	-.3342	-.1232	.0338	.1253	.1570	.0000		.2670
115.600	-.4340									.2561	.2670
133.800	-.4386	-.4816	-.5307	-.2191	-.0756	.0374	.1108	.1515			.2670
149.100	-.4386									.2460	.2670
180.000	-.4931	-.2805	-.3926	-.3665	-.1700	-.0286	.1008	.1533	.0000	.2451	.2670

MACH (1) = .200 BETA (3) = -1.030 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2806	-.2698	-.2407	-.0795	-.0519	.0320	.1180	.1678	.0000	.2497	.2588
44.800	-.2813							.1479		.2488	.2588
50.100	-.5453							.1452		.2424	.2588
101.400	-.2691	-.5231	-.5346	-.3143	-.1133	.0583	.1371	.1633	.0000		.2588
115.600	-.4410									.2524	.2588
133.800	-.4371	-.4824	-.5239	-.2146	-.0833	.0356	.1280	.1615			.2588

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC56)

MACH (1) = .200 BETA (3) = -1.030

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4548										
180.000	-.4939	-.2867	-.4026	-.3719	-.1793	-.0268	.1099	.1633	.0000	.2452 .2433	.2588 .2588

MACH (1) = .200 BETA (4) = -.030 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2779	-.2749	-.2365	-.0763	-.0480	.0365	.1170	.1649	.0000	.2467	.2567
44.800	-.2779							.1505		.2431	.2567
50.100	-.5225							.1505		.2431	.2567
101.400	-.2741	-.5194	-.5156	-.2940	-.0970	.0672	.1405	.1722	.0000		.2567
115.600	-.4535									.2513	.2567
133.800	-.4420	-.4849	-.5194	-.2205	-.0809	.0347	.1396	.1695			.2567
149.100	-.5900									.2458	.2567
180.000	-.5056	-.2841	-.4014	-.3707	-.1837	-.0249	.1079	.1658	.0000	.2449	.2567

MACH (1) = .200 BETA (5) = .960 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2825	-.2771	-.2410	-.0796	-.0527	.0329	.1146	.1663	.0000	.2473	.2601
44.800	-.2825							.1518		.2464	.2601
50.100	-.5123							.1509		.2419	.2601
101.400	-.2963	-.5185	-.5046	-.2764	-.0819	.0710	.1427	.1744	.0000		.2601
115.600	-.4700									.2510	.2601
133.800	-.4762	-.5115	-.5231	-.2279	-.0904	.0266	.1400	.1735			.2601
149.100	-.4831									.2464	.2601
180.000	-.4854	-.2925	-.4109	-.3747	-.1818	-.0304	.1100	.1654	.0000	.2464	.2601

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC56)

MACH (1) = .200 BETA (6) = 1.950 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2859	-.2775	-.2369	-.0808	-.0532	.0292	.1141	.1620	.0000	.2454	.2609
44.800	-.2844							.1493		.2463	.2609
50.100	-.4980							.1475		.2454	.2609
101.400	-.3051	-.5079	-.4834	-.2546	-.0578	.0753	.1448	.1746	.0000		.2609
115.600	-.4819									.2554	.2609
133.800	-.4903	-.5087	-.5179	-.2507	-.0953	.0436	.1430	.1737			.2609
149.100	-.4620									.2445	.2609
180.000	-.4650	-.2890	-.4122	-.3755	-.1780	-.0276	.1033	.1566	.0000	.2409	.2609

MACH (1) = .200 BETA (7) = 3.950 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2850	-.2766	-.2390	-.0833	-.0549	.0274	.1116	.1632	.0000	.2487	.2614
44.800	-.2873							.1506		.2478	.2614
50.100	-.4569							.1506		.2450	.2614
101.400	-.3226	-.4975	-.4569	-.2206	-.0365	.0772	.1469	.1786	.0000		.2614
115.600	-.5313									.2541	.2614
133.800	-.4216	-.4576	-.5635	-.2666	-.0986	.0329	.1524	.1777			.2614
149.100	-.4791									.2332	.2614
180.000	-.3840	-.3195	-.4032	-.3640	-.1500	-.0304	.0872	.1279	.0000	.2314	.2614

MACH (1) = .200 BETA (8) = 5.940 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2959	-.2913	-.2476	-.0849	-.0588	.0257	.1072	.1570	.0000	.2288	.2434
44.800	-.2952							.1497		.2261	.2434
50.100	-.4249							.1488		.2242	.2434
101.400	-.3335	-.4656	-.4042	-.1869	-.0173	.0972	.1534	.1751	.0000		.2434
115.600	-.5216									.2279	.2434
133.800	-.4725	-.5139	-.5776	-.2315	-.0434	.0637	.1298	.1624			.2434
149.100	-.4986									.2097	.2434
180.000	-.4088	-.4387	-.4210	-.2929	-.0956	.0121	.0981	.1253	.0000	.2115	.2434

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PR1M18N28W116E43F8V8R5TC19X9 TAILCONE (RFJC56)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2906	-.2876	-.2416	-.0793	-.0502	.0373	.1196	.1657	.0000	.2128	.2228
44.800	-.2914							.1666		.2155	.2228
50.100	-.3795							.1666		.2137	.2228
101.400	-.2661	-.4591	-.4116	-.1919	-.0219	.0997	.1611	.1855	.0000		.2228
115.600	-.5586									.2246	.2228
133.800	-.4997	-.5303	-.5786	-.2164	-.0280	.0635	.1313	.1530			.2228
149.100	-.5188									.2092	.2228
180.000	-.3710	-.3396	-.3366	-.2623	-.0961	.0157	.1051	.1358	.0000	.2037	.2228

MACH (1) = .200 BETA (10) = 9.940 Q(PSF) = 60.784 PO = 2120.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2994	-.2917	-.2443	-.0746	-.0501	.0391	.1212	.1681	.0000	.2433	.2306
44.800	-.2956							.1663		.2406	.2306
50.100	-.3070							.1681		.2370	.2306
101.400	-.3231	-.4668	-.4118	-.1870	-.0134	.0959	.1609	.1880	.0000		.2306
115.600	-.5853									.2533	.2306
133.800	-.5334	-.5639	-.6045	-.2160	-.0104	.0851	.1392	.1808			.2306
149.100	-.5639									.1871	.2306
180.000	-.4072	-.3537	-.3491	-.2726	-.0914	.0192	.1050	.1203	.0000	.1708	.2306

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC58) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 3.000

MACH (1) = .200 ALPHA (1) = -3.100 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1961	-.1953	-.1838	-.0220	.0318	.0894	.1276	.1448	.0000	.1930	.2031
44.800	-.2076							.1448		.1949	.2031
50.100	-.9163							.1448		.1949	.2031
101.400	-.3193	-.4957	-.4387	-.2307	-.0597	.0776	.1403	.1612	.0000		.2031
115.600	-.4164									.2013	.2031
133.800	-.3817	-.4372	-.5311	-.2277	-.0644	.0576	.1330	.1494			.2031
149.100	-.4156									.1994	.2031
180.000	-.3979	-.2862	-.3994	-.3463	-.1476	.0112	.1212	.1594	.0000	.1967	.2031

MACH (1) = .200 ALPHA (2) = .090 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1720	-.1751	-.1666	-.0258	.0272	.0920	.1247	.1428	.0000	.1919	.1965
44.800	-.1874							.1401		.1928	.1965
50.100	-.9121							.1365		.1910	.1965
101.400	-.3212	-.4967	-.4482	-.2451	-.0704	.0784	.1392	.1610	.0000		.1965
115.600	-.4074									.1946	.1965
133.800	-.3851	-.4374	-.5167	-.2074	-.0474	.0684	.1410	.1574			.1965
149.100	-.4236									.1955	.1965
180.000	-.4105	-.2943	-.3789	-.3074	-.1066	.0421	.1283	.1610	.0000	.1955	.1965

MACH (1) = .200 ALPHA (3) = 4.300 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1692	-.1692	-.1623	-.0382	.0103	.0776	.1322	.1577	.0000	.1941	.2023
44.800	-.1831							.1540		.1950	.2023
50.100	-.9377							.1522		.1950	.2023
101.400	-.3218	-.4999	-.4590	-.2694	-.0906	.0694	.1413	.1631	.0000		.2023
115.600	-.4097									.1977	.2023
133.800	-.3943	-.4382	-.4930	-.1862	-.0282	.0785	.1467	.1622			.2023

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC58)

MACH (1) = .200 ALPHA (3) = 4.300

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4282									.1959	.2023
180.000	-.4220	-.2879	-.3504	-.2579	-.0613	.0658	.1340	.1604	.0000	.1987	.2023

MACH (1) = .200 ALPHA (4) = 8.510 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1778	-.1824	-.1685	-.0413	-.0043	.0722	.1350	.1695	.0000	.2088	.2198
44.800	-.1893							.1650		.2051	.2198
50.100	-.9218							.1632		.2042	.2198
101.400	-.3204	-.5124	-.4731	-.2834	-.1061	.0685	.1486	.1768	.0000		.2198
115.600	-.4214									.2152	.2198
133.800	-.3991	-.4415	-.4808	-.1832	-.0297	.0731	.1495	.1732			.2198
149.100	-.4384									.2088	.2198
180.000	-.4654	-.2487	-.3651	-.2919	-.0752	.0594	.1504	.1741	.0000	.2097	.2198

MACH (1) = .200 ALPHA (5) = 10.620 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2104	-.2066	-.1958	-.0522	-.0105	.0632	.1333	.1743	.0000	.2255	.2356
44.800	-.2166							.1625		.2274	.2356
50.100	-.8373							.1615		.2264	.2356
101.400	-.3200	-.5215	-.4852	-.3000	-.1162	.0632	.1524	.1789	.0000		.2356
115.600	-.4335									.2283	.2356
133.800	-.4111	-.4459	-.4690	-.1834	-.0352	.0732	.1552	.1779			.2356
149.100	-.4397									.2191	.2356
180.000	-.4845	-.2544	-.3694	-.2922	-.0869	.0531	.1488	.1770	.0000	.2200	.2356

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC58)

MACH (1) = .200 ALPHA (6) = 12.730 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2401	-.2447	-.2255	-.0513	-.0120	.0649	.1303	.1749	.0000	.2334	.2480
44.800	-.2447							.1658		.2334	.2480
50.100	-.7742							.1640		.2325	.2480
101.400	-.3203	-.5206	-.4929	-.3072	-.1253	.0640	.1494	.1840	.0000		.2480
115.600	-.4390									.2334	.2480
133.800	-.4212	-.4505	-.4590	-.1831	-.0390	.0731	.1431	.1731			.2480
149.100	-.4428									.2261	.2480
180.000	-.4968	-.2548	-.3711	-.3018	-.0945	.0358	.1367	.1685	.0000	.2252	.2480

MACH (1) = .200 ALPHA (7) = 16.990 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2601	-.2594	-.2441	-.0472	-.0165	.0627	.1314	.1820	.0000	.2384	.2575
44.800	-.2624							.1675		.2420	.2575
50.100	-.7076							.1694		.2420	.2575
101.400	-.3452	-.5214	-.5176	-.3237	-.1345	.0636	.1531	.1856	.0000		.2575
115.600	-.4364									.2411	.2575
133.800	-.4318	-.4624	-.4785	-.1958	-.0602	.0473	.1413	.1721			.2575
149.100	-.4662									.2384	.2575
180.000	-.4854	-.2709	-.3758	-.3245	-.1322	.0012	.1133	.1585	.0000	.2393	.2575

MACH (1) = .200 ALPHA (8) = 21.270 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3102	-.3079	-.2840	-.0404	-.0235	.0411	.1037	.1554	.0000	.2255	.2555
44.800	-.3086							.1309		.2245	.2555
50.100	-.5984							.1318		.2255	.2555
101.400	-.3855	-.5515	-.5484	-.3163	-.1142	.0547	.1282	.1608	.0000		.2555
115.600	-.4846									.2428	.2555
133.800	-.4693	-.5139	-.5523	-.2448	-.1027	.0139	.1255	.1581			.2555
149.100	-.6191									.2382	.2555
180.000	-.5062	-.3102	-.4385	-.4032	-.2087	-.0486	.0919	.1499	.0000	.2391	.2555

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC58)

MACH (1) = .200 ALPHA (9) = 25.510 Q(PSF) = 60.594 PO = 2115.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3482	-.3459	-.3184	-.0631	-.0593	.0003	.0607	.1185	.0000	.1961	.2433
44.800	-.3467							.0788		.1925	.2433
50.100	-.5844							.0797		.1943	.2433
101.400	-.4384	-.6051	-.5875	-.3543	-.1426	.0066	.0770	.1176	.0000		.2433
115.600	-.5860									.2269	.2433
133.800	-.5340	-.5928	-.6639	-.3291	-.1548	-.0149	.0869	.1419			.2433
149.100	-.6249									.2233	.2433
180.000	-.5432	-.3414	-.5003	-.4935	-.2810	-.0952	.0661	.1347	.0000	.2269	.2433

OA176 B26C9PR1M16N28W116R43F8V8R5TC19X9 TAILCONE (RFJC59) (12 DEC 80)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO	ALPHA =	.000	ELEVON =	.000
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO	AILRON =	.000	RUDDER =	.000
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO	SPDBRK =	.000	BDFLAP =	-11.700
SCALE =	.0405					SIM =	3.000		

PARAMETRIC DATA

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1877	-.1908	-.1823	-.0544	-.0012	.0694	.1331	.1649	.0000	.2187	.2270
44.800	-.2023							.1567		.2206	.2270
50.100	-1.0054							.1513		.2206	.2270
101.400	-.3149	-.5198	-.4875	-.3048	-.1376	.0348	.1367	.1585	.0000		.2270
115.600	-.3904									.2261	.2270
133.800	-.3580	-.4212	-.5214	-.2262	-.0767	.0394	.1403	.1594			.2270
149.100	-.3950									.2261	.2270
180.000	-.4104	-.3133	-.3965	-.3249	-.1207	.0330	.1349	.1694	.0000	.2242	.2270

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1773	-.1719	-.1642	-.0381	.0110	.0729	.1310	.1537	.0000	.1937	.2010
44.800	-.1866							.1491		.1900	.2010
50.100	-.9433							.1464		.1927	.2010
101.400	-.3227	-.5126	-.4696	-.2727	-.1050	.0593	.1337	.1600	.0000		.2010
115.600	-.3988									.2028	.2010
133.800	-.3757	-.4342	-.5234	-.2181	-.0643	.0547	.1410	.1628			.2010
149.100	-.4119									.2010	.2010
180.000	-.4150	-.3119	-.3842	-.3104	-.1158	.0339	.1319	.1655	.0000	.1982	.2010

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1720	-.1743	-.1651	-.0335	.0187	.0784	.1274	.1528	.0000	.1964	.2028
44.800	-.1866							.1474		.1955	.2028
50.100	-.9305							.1465		.1955	.2028
101.400	-.3235	-.5089	-.4605	-.2651	-.0897	.0666	.1383	.1619	.0000		.2028
115.600	-.4043									.2019	.2028
133.800	-.3812	-.4351	-.5189	-.2135	-.0535	.0638	.1419	.1601			.2028

OA176 B26C9PRIM16N28W11SE43F8V8R5TC19X9 TAILCONE (RFJC59)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4189									.2001	.2028
180.000	-.4251	-.3020	-.3812	-.3066	-.1097	.0384	.1292	.1637	.0000	.2019	.2028

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1745	-.1737	-.1661	-.0273	.0286	.0835	.1225	.1433	.0000	.1922	.1922
44.800	-.1845							.1396		.1913	.1922
50.100	-.9145							.1351		.1885	.1922
101.400	-.3271	-.4943	-.4513	-.2443	-.0725	.0745	.1378	.1596	.0000		.1922
115.600	-.4091									.1949	.1922
133.800	-.3877	-.4383	-.5173	-.2052	3.4321	.0673	.1406	.1550			.1922
149.100	-.4229									.1922	.1922
180.000	-.4122	-.2949	-.3800	-.3056	-.1101	.0374	.1288	.1577	.0000	.1931	.1922

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.572 PO = 2115.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1715	-.1708	-.1654	-.0259	.0280	.0849	.1231	.1449	.0000	.1950	.1931
44.800	-.1823							.1385		.1931	.1931
50.100	-.8952							.1376		.1886	.1931
101.400	-.3311	-.4852	-.4382	-.2286	-.0544	.0812	.1385	.1576	.0000		.1931
115.600	-.4151									.1968	.1931
133.800	-.3958	-.4443	-.5214	-.2024	-.0413	.0712	.1404	.1513			.1931
149.100	-.4328									.1968	.1931
180.000	-.4035	-.3072	-.3865	-.3095	-.1114	.0376	.1331	.1585	.0000	.1977	.1931

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC59)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1711	-.1742	-.1627	-.0266	.0241	.0820	.1201	.1446	.0000	.1918	.1936
44.800	-.1819							.1400		.1927	.1936
50.100	-.8662							.1400		.1927	.1936
101.400	-.3326	-.4849	-.4249	-.2188	-.0458	.0838	.1400	.1609	.0000		.1936
115.600	-.4157									.1991	.1936
133.800	-.4026	-.4510	-.5187	-.2004	-.0350	.0747	.1355	.1500			.1936
149.100	-.4403									.1991	.1936
180.000	-.3972	-.3134	-.3849	-.3103	-.1150	.0339	.1282	.1600	.0000	.2009	.1936

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1720	-.1705	-.1635	-.0397	.0072	.0711	.1229	.1583	.0000	.2019	.2147
44.800	-.1835							.1546		.2074	.2147
50.100	-.8429							.1528		.2083	.2147
101.400	-.3290	-.4759	-.4090	-.1989	-.0412	.0875	.1492	.1719	.0000		.2147
115.600	-.4321									.2202	.2147
133.800	-.4236	-.4613	-.5159	-.1935	-.0243	.0747	.1229	.1428			.2147
149.100	-.4597									.2111	.2147
180.000	-.3936	-.3174	-.3851	-.3182	-.1205	.0303	.1319	.1655	.0000	.2129	.2147

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1792	-.1792	-.1738	-.0605	-.0112	.0639	.1276	.1640	.0000	.2178	.2306
44.800	-.1869							.1594		.2223	.2306
50.100	-.8441							.1558		.2251	.2306
101.400	-.3233	-.4596	-.3826	-.1730	-.0143	.0967	.1521	.1812	.0000		.2306
115.600	-.4404									.2324	.2306
133.800	-.4473	-.4797	-.5267	-.1853	-.0128	.0712	.1149	.1630			.2306
149.100	-.4843									.2214	.2306
180.000	-.4273	-.3394	-.4003	-.3394	-.1276	.0239	.1294	.1640	.0000	.2159	.2306

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC59)

MACH (1) = .200 BETA (9) = 9.980 Q(PSF) = 60.572 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1884	-.1892	-.1884	-.0906	-.0544	.0230	.0885	.1412	.0000	.2470	.2809
44.800	-.2000							.1303		.2534	.2809
50.100	-.8325							.1312		.2516	.2809
101.400	-.3302	-.4188	-.3271	-.1183	.0172	.0803	.1376	.1849	.0000		.2809
115.600	-.4542									.2763	.2809
133.800	-.4904	-.5082	-.5166	-.1430	.0041	.0476	.1349	.1785			.2809
149.100	-.5320									.2571	.2809
180.000	-.4712	-.3718	-.4042	-.3471	-.1214	.0194	.1239	.1621	.0000	.2507	.2809

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC60) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 938.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 3.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1682	-.1675	-.1651	-.0651	-.0235	.0512	.1211	.1629	.0000	.2203	.2285
44.800	-.1798							.1511		.2194	.2285
50.100	-.9848							.1439		.2175	.2285
101.400	-.3068	-.5246	-.4992	-.3337	-.1698	.0112	.1265	.1529	.0000		.2285
115.600	-.4114									.2230	.2285
133.800	-.3891	-.4407	-.5284	-.2183	-.0651	.0484	.1275	.1456			.2285
149.100	-.4176									.2230	.2285
180.000	-.4184	-.3314	-.3599	-.2675	-.0759	.0530	.1374	.1656	.0000	.2221	.2285

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1683	-.1706	-.1652	-.0528	-.0089	.0621	.1221	.1575	.0000	.2039	.2122
44.800	-.1799							.1521		.2021	.2122
50.100	-.9599							.1521		.2030	.2122
101.400	-.3169	-.5248	-.4886	-.3077	-.1290	.0485	.1330	.1548	.0000		.2122
115.600	-.4140									.2076	.2122
133.800	-.3939	-.4386	-.5133	-.2060	-.0474	.0648	.1357	.1493			.2122
149.100	-.4263									.2021	.2122
180.000	-.4263	-.3115	-.3523	-.2576	-.0659	.0585	.1302	.1593	.0000	.2058	.2122

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1715	-.1722	-.1692	-.0497	.0010	.0658	.1230	.1585	.0000	.2031	.2095
44.800	-.1838							.1503		.2022	.2095
50.100	-.9657							.1494		.2004	.2095
101.400	-.3255	-.5174	-.4842	-.2955	-.1121	.0585	.1403	.1594	.0000		.2095
115.600	-.4188									.2086	.2095
133.800	-.3980	-.4434	-.5043	-.1977	-.0436	.0703	.1458	.1567			.2095

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC60)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4311									.2050	.2095
180.000	-.4349	-.2855	-.3587	-.2670	-.0667	.0676	.1421	.1658	.0000	.2013	.2095

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1722	-.1699	-.1676	-.0451	.0002	.0712	.1330	.1612	.0000	.1986	.2095
44.800	-.1846							.1521		.1967	.2095
50.100	-.9495							.1521		.1976	.2095
101.400	-.3278	-.5058	-.4665	-.2762	-.0952	.0694	.1467	.1648	.0000		.2095
115.600	-.4126									.2031	.2095
133.800	-.3941	-.4434	-.4966	-.1876	-.0305	.0757	.1467	.1621			.2095
149.100	-.4357									.2040	.2095
180.000	-.4295	-.2870	-.3548	-.2685	-.0651	.0676	.1421	.1658	.0000	.2059	.2095

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1753	-.1761	-.1722	-.0413	.0064	.0748	.1266	.1530	.0000	.1976	.1985
44.800	-.1830							.1466		.1976	.1985
50.100	-.9240							.1457		.1967	.1985
101.400	-.3363	-.5034	-.4580	-.2608	-.0813	.0794	.1421	.1648	.0000		.1985
115.600	-.4202									.2022	.1985
133.800	-.4079	-.4472	-.4926	-.1830	-.0243	.0830	.1521	.1657			.1985
149.100	-.4403									.2003	.1985
180.000	-.4333	-.2839	-.3655	-.2777	-.0690	.0621	.1412	.1675	.0000	.1994	.1985

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC60)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1723	-.1777	-.1692	-.0436	.0018	.0749	.1221	.1512	.0000	.1977	.1894
44.800	-.1861							.1449		.1977	.1894
50.100	-.9035							.1440		.1977	.1894
101.400	-.3356	-.4982	-.4450	-.2416	-.0629	.0840	.1458	.1685	.0000		.1894
115.600	-.4165									.1949	.1894
133.800	-.4088	-.4481	-.4851	-.1723	-.0135	.0849	.1476	.1685			.1894
149.100	-.4474									.1995	.1894
180.000	-.4042	-.3187	-.3626	-.2640	-.0675	.0576	.1294	.1594	.0000	.1949	.1894

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1756	-.1795	-.1702	-.0560	-.0097	.0622	.1223	.1560	.0000	.2080	.2227
44.800	-.1856							.1496		.2099	.2227
50.100	-.8646							.1469		.2089	.2227
101.400	-.3492	-.4850	-.4271	-.2149	-.0321	.0914	.1405	.1678	.0000		.2227
115.600	-.4163									.2135	.2227
133.800	-.4287	-.4603	-.5020	-.1717	-.0058	.0877	.1460	.1587			.2227
149.100	-.4657									.2181	.2227
180.000	-.4055	-.3322	-.3508	-.2582	-.0737	.0531	.1332	.1587	.0000	.2163	.2227

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1806	-.1829	-.1776	-.0767	-.0320	.0457	.1139	.1566	.0000	.2359	.2442
44.800	-.1906							.1484		.2341	.2442
50.100	-.8106							.1484		.2332	.2442
101.400	-.3439	-.4894	-.4155	-.1883	-.0020	.0948	.1375	.1657	.0000		.2442
115.600	-.4378									.2341	.2442
133.800	-.4402	-.4671	-.4871	-.1622	-.0027	.0830	.1339	.1575			.2442
149.100	-.4810									.2341	.2442
180.000	-.4309	-.3408	-.3578	-.2769	-.0767	.0548	.1384	.1675	.0000	.2295	.2442

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X3 TAILCONE (RFJC60)

MACH (1) = .200 BETA (9) = 8.020 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1859	-.1874	-.1851	-.0889	-.0504	.0257	.0929	.1401	.0000	.2522	.2732
44.800	-.1935							.1347		.2531	.2732
50.100	-.7675							.1347		.2522	.2732
101.400	-.3390	-.4682	-.3913	-.1674	.0010	.0893	.1383	.1737	.0000		.2732
115.600	-.4336									.2613	.2732
133.800	-.4559	-.4759	-.4697	-.1120	.0110	.0575	.1120	.1619			.2732
149.100	-.5028									.2421	.2732
180.000	-.4705	-.3582	-.3690	-.2913	-.0843	.0430	.1256	.1519	.0000	.2312	.2732

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.520 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1989	-.1981	-.1989	-.0958	-.0697	.0021	.0611	.1147	.0000	.2357	.2768
44.800	-.2074							.0920		.2530	.2768
50.100	-.7597							.0938		.2558	.2768
101.400	-.3320	-.4159	-.3020	-.0997	-.0189	.0148	.0992	.1555	.0000		.2768
115.600	-.4128									.2649	.2768
133.800	-.4589	-.4712	-.4066	-.0743	-.0412	.0085	.0775	.1401			.2768
149.100	-.5243									.2293	.2768
180.000	-.5005	-.3789	-.3782	-.3112	-.1051	.0121	.1020	.1392	.0000	.2184	.2768

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC61) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 3.000

MACH (1) = .200 BETA (1) = -1.950 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2008	-.2024	-.1908	-.0590	-.0189	.0576	.1240	.1658	.0000	.2389	.2471
44.800	-.2047							.1549		.2398	.2471
50.100	-.8760							.1522		.2380	.2471
101.400	-.3172	-.5253	-.5014	-.3288	-.1477	.0385	.1395	.1658	.0000		.2471
115.600	-.4359									.2471	.2471
133.800	-.4074	-.4536	-.4999	-.1862	-.0413	.0621	.1367	.1604			.2471
149.100	-.4174									.2297	.2471
180.000	-.4644	-.2833	-.3758	-.3057	-.0999	.0376	.1376	.1686	.0000	.2261	.2471

MACH (1) = .200 BETA (2) = -.980 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2059	-.2006	-.1936	-.0535	-.0120	.0602	.1229	.1720	.0000	.2349	.2449
44.800	-.2098							.1529		.2331	.2449
50.100	-.8579							.1483		.2294	.2449
101.400	-.3222	-.5207	-.4930	-.3098	-.1321	.0548	.1420	.1720	.0000		.2449
115.600	-.4345									.2358	.2449
133.800	-.4130	-.4522	-.4823	-.1805	-.0366	.0730	.1429	.1701			.2449
149.100	-.4330									.2267	.2449
180.000	-.4607	-.2706	-.3691	-.2906	-.0859	.0521	.1483	.1738	.0000	.2267	.2449

MACH (1) = .200 BETA (3) = .000 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2086	-.2094	-.2001	-.0505	-.0151	.0631	.1249	.1686	.0000	.2289	.2389
44.800	-.2124							.1604		.2289	.2389
50.100	-.8338							.1586		.2234	.2389
101.400	-.3273	-.5200	-.4892	-.2972	-.1153	.0658	.1477	.1795	.0000		.2389
115.600	-.4337									.2289	.2389
133.800	-.4136	-.4437	-.4691	-.1816	-.0359	.0758	.1540	.1741			.2389

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC61)

MACH (1) = .200 BETA (3) = .000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4383									.2252	.2389
180.000	-.4846	-.2533	-.3651	-.2995	-.0891	.0540	.1486	.1741	.0000	.2234	.2389

MACH (1) = .200 BETA (4) = 1.010 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2133	-.2110	-.2033	-.0519	-.0081	.0629	.1273	.1661	.0000	.2200	.2364
44.800	-.2210							.1554		.2227	.2364
50.100	-.8258							.1554		.2227	.2364
101.400	-.3355	-.5223	-.4800	-.2879	-.0996	.0747	.1545	.1808	.0000		.2364
115.600	-.4300									.2263	.2364
133.800	-.4162	-.4515	-.4715	-.1910	-.0358	.0728	.1563	.1780			.2364
149.100	-.4523									.2200	.2364
180.000	-.4546	-.2702	-.3655	-.2963	-.0873	.0502	.1427	.1726	.0000	.2200	.2364

MACH (1) = .200 BETA (5) = 1.990 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2190	-.2190	-.2082	-.0510	-.0104	.0609	.1252	.1650	.0000	.2213	.2386
44.800	-.2282							.1541		.2240	.2386
50.100	-.8095							.1523		.2231	.2386
101.400	-.3417	-.5066	-.4674	-.2696	-.0833	.0799	.1550	.1786	.0000		.2386
115.600	-.4214									.2249	.2386
133.800	-.4153	-.4529	-.4874	-.1875	-.0311	.0799	.1596	.1777			.2386
149.100	-.4575									.2177	.2386
180.000	-.4444	-.3010	-.3739	-.3003	-.0932	.0428	.1387	.1695	.0000	.2213	.2386

OA176 B2CCSPRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC61)

MACH (1) = .200 BETA (6) = 4.020 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2262	-.2216	-.2131	-.0603	-.0235	.0501	.1190	.1598	.0000	.2170	.2316
44.800	-.2308							.1525		.2107	.2316
50.100	-.7699							.1480		.2143	.2316
101.400	-.3583	-.4842	-.4412	-.2285	-.0465	.0982	.1607	.1788	.0000		.2316
115.600	-.4251									.2225	.2316
133.800	-.4274	-.4604	-.4996	-.1717	-.0097	.0936	.1634	.1725			.2316
149.100	-.4666									.2189	.2316
180.000	-.3898	-.3352	-.3429	-.2561	-.0657	.0538	.1353	.1607	.0000	.2198	.2316

MACH (1) = .200 BETA (7) = 5.980 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2271	-.2263	-.2172	-.0801	-.0433	.0401	.1151	.1621	.0000	.2392	.2555
44.800	-.2348							.1621		.2401	.2555
50.100	-.7180							.1603		.2419	.2555
101.400	-.3726	-.4883	-.4339	-.2195	-.0334	.1105	.1783	.1983	.0000		.2555
115.600	-.4492									.2410	.2555
133.800	-.4385	-.4737	-.5036	-.1658	.0010	.1015	.1684	.1883			.2555
149.100	-.4768									.2365	.2555
180.000	-.3772	-.3228	-.3305	-.2409	-.0648	.0563	.1440	.1693	.0000	.2365	.2555

MACH (1) = .200 BETA (8) = 8.000 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2316	-.2316	-.2232	-.0788	-.0519	.0275	.0973	.1480	.0000	.2472	.2700
44.800	-.2370							.1453		.2472	.2700
50.100	-.6917							.1471		.2481	.2700
101.400	-.3706	-.5081	-.4459	-.2132	-.0204	.1208	.1789	.1989	.0000		.2700
115.600	-.4705									.2545	.2700
133.800	-.4620	-.4859	-.5051	-.1656	.0079	.0946	.1616	.1852			.2700
149.100	-.4951									.2435	.2700
180.000	-.3998	-.3307	-.3430	-.2623	-.0696	.0547	.1417	.1625	.0000	.2371	.2700

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC61)

MACH (1) = .200 BETA (9) = 9.990 Q(PSF) = 60.650 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2347	-.2340	-.2263	-.0842	-.0634	.0121	.0792	.1317	.0000	.2573	.2800
44.800	-.2394							.1200		.2563	.2800
50.100	-.6788							.1245		.2573	.2800
101.400	-.3684	-.5059	-.4337	-.1902	-.0035	.1181	.1671	.1962	.0000		.2800
115.600	-.4790									.2746	.2800
133.800	-.4806	-.5013	-.5036	-.1556	.0164	.0737	.1390	.1871			.2800
149.100	-.5167									.2263	.2800
180.000	-.4844	-.3792	-.3477	-.2678	-.0757	.0384	.1281	.1472	.0000	.2126	.2800

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC62) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 3.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2607	-.2607	-.2438	-.0703	-.0411	.0329	.1099	.1643	.0000	.2535	.2717
44.800	-.2661							.1416		.2498	.2717
50.100	-.7406							.1416		.2471	.2717
101.400	-.3037	-.5187	-.5325	-.3751	-.2154	-.0114	.1226	.1652	.0000		.2717
115.600	-.4419									.2443	.2717
133.800	-.4396	-.4933	-.5448	-.2193	-.0642	.0374	.1027	.1616			.2717
149.100	-.4204									.2325	.2717
180.000	-.4473	-.2968	-.3843	-.3214	-.1210	.0093	.1036	.1308	.0000	.2298	.2717

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2628	-.2559	-.2436	-.0549	-.0265	.0474	.1225	.1759	.0000	.2496	.2606
44.800	-.2598							.1569		.2487	.2606
50.100	-.7094							.1542		.2469	.2606
101.400	-.3334	-.5214	-.5275	-.3511	-.1761	.0347	.1397	.1732	.0000		.2606
115.600	-.4370									.2478	.2606
133.800	-.4270	-.4738	-.5114	-.1922	-.0518	.0492	.1207	.1642			.2606
149.100	-.4216									.2424	.2606
180.000	-.4784	-.2904	-.3894	-.3380	-.1339	.0075	.1144	.1515	.0000	.2424	.2606

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2619	-.2604	-.2419	-.0512	-.0158	.0566	.1274	.1791	.0000	.2420	.2594
44.800	-.2589							.1646		.2429	.2594
50.100	-.7088							.1655		.2411	.2594
101.400	-.3450	-.5219	-.5265	-.3365	-.1581	.0502	.1482	.1827	.0000		.2594
115.600	-.4365									.2457	.2594
133.800	-.4257	-.4573	-.4904	-.1935	-.0558	.0520	.1364	.1673			.2594

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC62)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5196									.2375	.2594
180.000	-.5004	-.2773	-.3788	-.3265	-.1296	.0076	.1165	.1546	.0000	.2384	.2594

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2645	-.2591	-.2483	-.0505	-.0151	.0584	.1311	.1811	.0000	.2395	.2523
44.800	-.2630							.1656		.2395	.2523
50.100	-.7295							.1684		.2386	.2523
101.400	-.3492	-.5224	-.5170	-.3153	-.1382	.0621	.1547	.1829	.0000		.2523
115.600	-.4393									.2386	.2523
133.800	-.4308	-.4562	-.4747	-.1929	-.0597	.0521	.1448	.1693			.2523
149.100	-.4554									.2322	.2523
180.000	-.5009	-.2699	-.3808	-.3138	-.1313	.0130	.1166	.1584	.0000	.2341	.2523

MACH (1) = .200 BETA (5) = 1.020 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2633	-.2656	-.2410	-.0473	-.0120	.0602	.1309	.1699	.0000	.2355	.2546
44.800	-.2664							.1608		.2327	.2546
50.100	-.7183							.1645		.2327	.2546
101.400	-.3609	-.5223	-.5023	-.3017	-.1126	.0756	.1608	.1844	.0000		.2546
115.600	-.4408									.2327	.2546
133.800	-.4485	-.4700	-.4762	-.2079	-.0642	.0565	.1509	.1781			.2546
149.100	-.4500									.2327	.2546
180.000	-.4685	-.2771	-.3863	-.3248	-.1288	.0075	.1191	.1599	.0000	.2309	.2546

0A176 B26C9PR1M16N28W116E43F8V6R5TC19X9 TAILCONE (RFJC62)

MACH (1) = .200 BETA (6) = 2.000 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2667	-.2644	-.2459	-.0497	-.0166	.0557	.1247	.1737	.0000	.2348	.2641
44.800	-.2659							.1574		.2376	.2641
50.100	-.6937							.1610		.2358	.2641
101.400	-.3636	-.5244	-.4983	-.2851	-.0920	.0838	.1610	.1837	.0000		.2641
115.600	-.4429									.2376	.2641
133.800	-.4490	-.4706	-.5221	-.2405	-.0820	.0548	.1583	.1765			.2641
149.100	-.4613									.2330	.2641
180.000	-.4552	-.2944	-.3959	-.3367	-.1274	.0057	.1147	.1519	.0000	.2339	.2641

MACH (1) = .200 BETA (7) = 4.010 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2640	-.2617	-.2495	-.0625	-.0364	.0437	.1151	.1649	.0000	.2539	.2657
44.800	-.2656							.1459		.2539	.2657
50.100	-.6518							.1459		.2484	.2657
101.400	-.3897	-.5008	-.4625	-.2318	-.0326	.0880	.1432	.1667	.0000		.2657
115.600	-.4479									.2484	.2657
133.800	-.4410	-.4763	-.5284	-.2073	-.0464	.0672	.1495	.1622			.2657
149.100	-.4763									.2311	.2657
180.000	-.4089	-.3092	-.3797	-.3238	-.1177	.0003	.1061	.1332	.0000	.2311	.2657

MACH (1) = .200 BETA (8) = 5.990 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2629	-.2629	-.2476	-.0741	-.0503	.0320	.1045	.1570	.0000	.2224	.2515
44.800	-.2675							.1497		.2233	.2515
50.100	-.6014							.1488		.2251	.2515
101.400	-.4049	-.4947	-.4517	-.2284	-.0403	.1054	.1751	.2005	.0000		.2515
115.600	-.4771									.2342	.2515
133.800	-.4602	-.4932	-.5308	-.1915	-.0227	.0809	.1506	.1778			.2515
149.100	-.4939									.2306	.2515
180.000	-.4295	-.3596	-.3404	-.2568	-.0749	.0365	.1189	.1488	.0000	.2297	.2515

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC62)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2602	-.2571	-.2464	-.0681	-.0512	.0248	.0946	.1490	.0000	.2491	.2811
44.800	-.2602							.1381		.2455	.2811
50.100	-.5614							.1354		.2464	.2811
101.400	-.3985	-.5053	-.4585	-.2195	-.0235	.1200	.1735	.2035	.0000		.2811
115.600	-.5123									.2610	.2811
133.800	-.4846	-.5130	-.5491	-.1987	-.0150	.0964	.1572	.1835			.2811
149.100	-.5146									.2464	.2811
180.000	-.3916	-.3432	-.3416	-.2617	-.0811	.0366	.1227	.1400	.0000	.2391	.2811

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.659 PO = 2116.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2691	-.2660	-.2545	-.0697	-.0628	.0103	.0730	.1293	.0000	.2432	.2761
44.800	-.2714							.1075		.2414	.2761
50.100	-.5755							.1093		.2404	.2761
101.400	-.3900	-.5116	-.4439	-.1744	.0318	.0966	.1493	.1966	.0000		.2761
115.600	-.5440									.2660	.2761
133.800	-.5116	-.5401	-.5701	-.1983	.0033	.1002	.1248	.1756			.2761
149.100	-.5509									.2158	.2761
180.000	-.4008	-.3761	-.3653	-.2760	-.0859	.0275	.1093	.1139	.0000	.2048	.2761

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC63) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 3.000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3351	-.3290	-.3105	-.0611	-.0526	.0121	.0791	.1389	.0000	.2315	.2734
44.800	-.3351							.1036		.2306	.2734
50.100	-.6452							.0990		.2297	.2734
101.400	-.3950	-.5662	-.5846	-.3927	-.2046	.0030	.0981	.1335	.0000		.2734
115.600	-.4894									.2470	.2734
133.800	-.4971	-.5531	-.6337	-.2852	-.1125	.0166	.0882	.1289			.2734
149.100	-.4687									.2206	.2734
180.000	-.4410	-.3259	-.4510	-.3942	-.1770	-.0467	.0646	.1017	.0000	.2188	.2734

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3290	-.3275	-.3053	-.0495	-.0433	.0229	.0853	.1422	.0000	.2310	.2610
44.800	-.3306							.1133		.2310	.2610
50.100	-.6232							.1097		.2283	.2610
101.400	-.4087	-.5642	-.5795	-.3650	-.1605	.0256	.0988	.1332	.0000		.2610
115.600	-.4976									.2438	.2610
133.800	-.4853	-.5366	-.5987	-.2693	-.1146	.0175	.0898	.1296			.2610
149.100	-.4830									.2374	.2610
180.000	-.5129	-.3137	-.4493	-.4217	-.2157	-.0611	.0753	.1286	.0000	.2365	.2610

MACH (1) = .200 BETA (3) = -.980 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3258	-.3243	-.2990	-.0479	-.0341	.0301	.0906	.1448	.0000	.2182	.2536
44.800	-.3273							.1168		.2209	.2536
50.100	-.6121							.1159		.2173	.2536
101.400	-.4100	-.5646	-.5677	-.3419	-.1436	.0373	.1123	.1439	.0000		.2536
115.600	-.5072									.2364	.2536
133.800	-.4820	-.5279	-.5776	-.2607	-.1145	.0111	.1051	.1430			.2536

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC63)

MACH (1) = .200 BETA (3) = -.980

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4950									.2309	.2536
180.000	-.5218	-.3166	-.4444	-.4176	-.2186	-.0610	.0825	.1394	.0000	.2355	.2536

MACH (1) = .200 BETA (4) = .010 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3115	-.3062	-.2862	-.0404	-.0266	.0375	.1009	.1562	.0000	.2199	.2618
44.800	-.3146							.1272		.2199	.2618
50.100	-.6073							.1281		.2208	.2618
101.400	-.4099	-.5589	-.5504	-.3246	-.1180	.0483	.1263	.1589	.0000		.2618
115.600	-.4898									.2417	.2618
133.800	-.4736	-.5166	-.5574	-.2516	-.1095	.0103	.1218	.1562			.2618
149.100	-.6288									.2399	.2618
180.000	-.5120	-.3138	-.4421	-.4099	-.2086	-.0540	.0900	.1490	.0000	.2399	.2618

MACH (1) = .200 BETA (5) = 1.040 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3099	-.3076	-.2846	-.0396	-.0227	.0393	.0991	.1498	.0000	.2180	.2581
44.800	-.3107							.1272		.2171	.2581
50.100	-.5979							.1226		.2153	.2581
101.400	-.4090	-.5473	-.5350	-.3007	-.0957	.0538	.1308	.1616	.0000		.2581
115.600	-.5050									.2417	.2581
133.800	-.5050	-.5365	-.5534	-.2577	-.1187	.0021	.1236	.1571			.2581
149.100	-.5104									.2390	.2581
180.000	-.4981	-.3161	-.4374	-.4075	-.2086	-.0540	.0882	.1471	.0000	.2371	.2581

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC63)

MACH (1) = .200 BETA (6) = 2.000 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3037	-.2991	-.2799	-.0434	-.0258	.0347	.0972	.1461	.0000	.2170	.2625
44.800	-.3052							.1208		.2178	.2625
50.100	-.5992							.1235		.2170	.2625
101.400	-.4127	-.5539	-.5240	-.2837	-.0734	.0583	.1335	.1624	.0000		.2625
115.600	-.5217									.2470	.2625
133.800	-.5232	-.5554	-.5547	-.2845	-.1233	.0220	.1289	.1588			.2625
149.100	-.4864									.2398	.2625
180.000	-.4718	-.3182	-.4441	-.4119	-.2023	-.0540	.0854	.1380	.0000	.2379	.2625

MACH (1) = .200 BETA (7) = 4.010 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3126	-.3057	-.2896	-.0633	-.0472	.0211	.0845	.1397	.0000	.2304	.2714
44.800	-.3103							.1107		.2241	.2714
50.100	-.5665							.1071		.2232	.2714
101.400	-.4115	-.5381	-.4944	-.2528	-.0641	.0664	.1361	.1659	.0000		.2714
115.600	-.5811									.2505	.2714
133.800	-.4407	-.4836	-.5926	-.2965	-.1255	.0139	.1388	.1632			.2714
149.100	-.5013									.2386	.2714
180.000	-.4069	-.3418	-.4323	-.3924	-.1730	-.0503	.0691	.1134	.0000	.2332	.2714

MACH (1) = .200 BETA (8) = 6.000 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3317	-.3217	-.3048	-.0642	-.0619	.0094	.0710	.1282	.0000	.1953	.2446
44.800	-.3278							.0919		.1935	.2446
50.100	-.5553							.0883		.1917	.2446
101.400	-.4278	-.5015	-.4477	-.2210	-.0473	.0828	.1454	.1681	.0000		.2446
115.600	-.5669									.2227	.2446
133.800	-.5023	-.5476	-.6160	-.2579	-.0765	.0393	.1100	.1454			.2446
149.100	-.5261									.2108	.2446
180.000	-.4293	-.4531	-.4424	-.3163	-.1257	-.0069	.0792	.1137	.0000	.2127	.2446

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC63)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.733 PO = 2116.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3233	-.3195	-.3033	-.0519	-.0527	.0139	.0720	.1282	.0000	.1927	.2501
44.800	-.3264							.1010		.1936	.2501
50.100	-.5608							.1028		.1963	.2501
101.400	-.4125	-.5201	-.4732	-.2341	-.0450	.0838	.1518	.1872	.0000		.2501
115.600	-.6170									.2437	.2501
133.800	-.5393	-.5708	-.6262	-.2610	-.0619	.0384	.1128	.1418			.2501
149.100	-.5578									.2264	.2501
180.000	-.4017	-.3648	-.3679	-.2972	-.1234	-.0060	.0828	.1128	.0000	.2182	.2501

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC64) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 ALPHA (1) = -4.150 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1678	-.1693	-.1639	-.0467	.0195	.0886	.1377	.1614	.0000	.1905	.1942
44.800	-.1793							.1568		.1933	.1942
50.100	-.8102							.1577		.1942	.1942
101.400	-.3205	-.4778	-.4161	-.2094	-.0459	.0840	.1414	.1668	.0000		.1942
115.600	-.4076									.1969	.1942
133.800	-.3768	-.4277	-.5233	-.2225	-.0598	.0640	.1332	.1450			.1942
149.100	-.4076									.1923	.1942
180.000	-.3760	-.2719	-.3968	-.3451	-.1500	.0112	.1231	.1623	.0000	.1914	.1942

MACH (1) = .200 ALPHA (2) = .060 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1619	-.1642	-.1565	-.0443	.0241	.0965	.1328	.1464	.0000	.1782	.1791
44.800	-.1742							.1428		.1800	.1791
50.100	-.8040							.1464		.1800	.1791
101.400	-.3226	-.4810	-.4257	-.2319	-.0558	.0801	.1391	.1627	.0000		.1791
115.600	-.3957									.1863	.1791
133.800	-.3780	-.4234	-.4972	-.1950	-.0381	.0738	.1437	.1573			.1791
149.100	-.4149									.1891	.1791
180.000	-.4018	-.2873	-.3657	-.2942	-.1004	.0466	.1328	.1618	.0000	.1863	.1791

MACH (1) = .200 ALPHA (3) = 5.320 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1588	-.1634	-.1588	-.0630	-.0097	.0796	.1388	.1616	.0000	.1917	.1890
44.800	-.1719							.1580		.1899	.1890
50.100	-.8468							.1616		.1871	.1890
101.400	-.3248	-.4916	-.4476	-.2545	-.0831	.0741	.1406	.1671	.0000		.1890
115.600	-.4028									.1954	.1890
133.800	-.3927	-.4321	-.4839	-.1734	-.0197	.0841	.1525	.1662			.1890

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC64)

MACH (1) = .200 ALPHA (3) = 5.320

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4236									.2000	.1890
180.000	-.4206	-.2785	-.3410	-.2576	-.0591	.0705	.1470	.1689	.0000	.2009	.1890

MACH (1) = .200 ALPHA (4) = 10.590 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1943	-.1974	-.1905	-.0817	-.0296	.0645	.1378	.1730	.0000	.2148	.2166
44.800	-.1997							.1685		.2148	.2166
50.100	-.7009							.1667		.2121	.2166
101.400	-.3269	-.5024	-.4664	-.2832	-.0993	.0708	.1486	.1785	.0000		.2166
115.600	-.4212									.2257	.2166
133.800	-.4020	-.4357	-.4564	-.1744	-.0288	.0799	.1540	.1767			.2166
149.100	-.4319									.2166	.2166
180.000	-.4802	-.2480	-.3591	-.2909	-.0809	.0573	.1522	.1794	.0000	.2093	.2166

MACH (1) = .200 ALPHA (5) = 16.980 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2412	-.2405	-.2290	-.0848	-.0403	.0492	.1378	.1831	.0000	.2422	.2504
44.800	-.2397							.1749		.2440	.2504
50.100	-.5901							.1759		.2450	.2504
101.400	-.3501	-.5065	-.5004	-.3102	-.1239	.0673	.1559	.1904	.0000		.2504
115.600	-.4237									.2431	.2504
133.800	-.4207	-.4513	-.4674	-.1868	-.0518	.0573	.1478	.1740			.2504
149.100	-.4506									.2349	.2504
180.000	-.4835	-.2612	-.3616	-.3133	-.1254	.0084	.1206	.1650	.0000	.2340	.2504

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC64)

MACH (1) = .200 ALPHA (6) = 20.180 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2742	-.2665	- 2566	-.0817	-.0549	.0320	.1170	.1695	.0000	.2468	.2568
44.800	-.2734							.1541		.2450	.2568
50.100	-.5280							.1523		.2422	.2568
101.400	-.3808	-.5234	-.5273	-.3041	-.1078	.0645	.1460	.1722	.0000		.2568
115.600	-.4537									.2468	.2568
133.800	-.4437	-.4843	-.5150	-.2129	-.0771	.0347	.1388	.1659			.2568
149.100	-.5695									.2441	.2568
180.000	-.4928	-.2903	-.4030	-.3685	-.1768	-.0250	.1125	.1605	.0000	.2450	.2568

MACH (1) = .200 ALPHA (7) = 21.240 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2928	-.2890	-.2729	-.0856	-.0565	.0266	.1054	.1579	.0000	.2406	.2579
44.800	-.2898							.1425		.2388	.2579
50.100	-.5093							.1389		.2388	.2579
101.400	-.3865	-.5285	-.5231	-.3036	-.1056	.0601	.1316	.1642	.0000		.2579
115.600	-.4701									.2497	.2579
133.800	-.4571	-.5008	-.5361	-.2330	-.0925	.0266	.1307	.1651			.2579
149.100	-.6106									.2415	.2579
180.000	-.5024	-.3020	-.4225	-.3926	-.1969	-.0367	.1035	.1624	.0000	.2442	.2579

MACH (1) = .200 ALPHA (8) = 25.480 Q(PSF) = 60.646 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3271	-.3240	-.3048	-.1065	-.0973	-.0168	.0565	.1191	.0000	.2182	.2519
44.800	-.3286							.0874		.2154	.2519
50.100	-.5154							.0856		.2136	.2519
101.400	-.4409	-.5861	-.5669	-.3363	-.1257	.0094	.0792	.1209	.0000		.2519
115.600	-.5754									.2355	.2519
133.800	-.5231	-.5823	-.6499	-.3125	-.1403	-.0014	.0955	.1445			.2519
149.100	-.5938									.2328	.2519
180.000	-.5354	-.3356	-.4878	-.4755	-.2648	-.0849	.0783	.1454	.0000	.2355	.2519

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC65) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1801	-.1847	-.1717	-.0442	.0225	.0963	.1262	.1380	.0000	.1770	.1833
44.800	-.1970							.1371		.1788	.1833
50.100	-.9188							.1344		.1779	.1833
101.400	-.3306	-.5126	-.4780	-.2861	-.1171	.0538	.1380	.1571	.0000		.1833
115.600	-.3867									.1842	.1833
133.800	-.3559	-.4151	-.5126	-.2200	-.0703	.0519	.1407	.1589			.1833
149.100	-.3959									.1842	.1833
180.000	-.4181	-.3099	-.3805	-.3099	-.1118	.0374	.1317	.1634	.0000	.1870	.1833

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1646	-.1646	-.1553	-.0436	.0280	.0958	.1258	.1394	.0000	.1785	.1812
44.800	-.1753							.1367		.1767	.1812
50.100	-.8465							.1367		.1740	.1812
101.400	-.3310	-.5028	-.4566	-.2609	-.0867	.0703	.1349	.1622	.0000		.1812
115.600	-.3949									.1876	.1812
133.800	-.3749	-.4235	-.5144	-.2093	-.0551	.0658	.1440	.1612			.1812
149.100	-.4080									.1858	.1812
180.000	-.4096	-.3025	-.3765	-.3025	-.1075	.0412	.1358	.1612	.0000	.1849	.1812

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1633	-.1680	-.1610	-.0383	.0242	.0969	.1315	.1415	.0000	.1752	.1807
44.800	-.1734							.1424		.1752	.1807
50.100	-.8203							.1406		.1779	.1807
101.400	-.3316	-.4953	-.4459	-.2490	-.0715	.0777	.1379	.1615	.0000		.1807
115.600	-.3911									.1852	.1807
133.800	-.3741	-.4297	-.5123	-.2058	-.0514	.0732	.1433	.1579			.1807

0A176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC65)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4104									.1889	.1807
180.000	-.4096	-.2961	-.3702	-.2984	-.1062	.0413	.1333	.1652	.0000	.1825	.1807

MACH (1) = .200 BETA (4) = -.010 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1688	-.1657	-.1619	-.0445	.0249	.0923	.1370	.1498	.0000	.1753	.1798
44.800	-.1773							.1425		.1771	.1798
50.100	-.8137							.1434		.1817	.1798
101.400	-.3333	-.4878	-.4314	-.2368	-.0599	.0805	.1397	.1607	.0000		.1798
115.600	-.3974									.1917	.1798
133.800	-.3827	-.4314	-.5055	-.2043	-.0421	.0732	.1425	.1561			.1798
149.100	-.4214									.1899	.1798
180.000	-.4005	-.2908	-.3735	-.2962	-.1062	.0450	.1352	.1634	.0000	.1862	.1798

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1635	-.1658	-.1573	-.0458	.0179	.0938	.1346	.1464	.0000	.1800	.1727
44.800	-.1758							.1473		.1827	.1727
50.100	-.7833							.1500		.1809	.1727
101.400	-.3334	-.4741	-.4203	-.2165	-.0466	.0820	.1373	.1618	.0000		.1727
115.600	-.3988									.1891	.1727
133.800	-.3903	-.4303	-.5072	-.1950	-.0289	.0765	.1391	.1537			.1727
149.100	-.4295									.1918	.1727
180.000	-.3965	-.2957	-.3757	-.3003	-.1050	.0429	.1310	.1600	.0000	.1918	.1727

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC65)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1636	-.1644	-.1582	-.0412	.0256	.0948	.1265	.1420	.0000	.1792	.1720
44.800	-.1713							.1411		.1829	.1720
50.100	-.7578							.1438		.1856	.1720
101.400	-.3329	-.4699	-.4083	-.2105	-.0389	.0884	.1365	.1629	.0000		.1720
115.600	-.4076									.1974	.1720
133.800	-.3983	-.4414	-.5084	-.1944	-.0289	.0839	.1411	.1520			.1720
149.100	-.4299									.1974	.1720
180.000	-.3914	-.3075	-.3722	-.3044	-.1113	.0430	.1320	.1647	.0000	.1901	.1720

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1628	-.1628	-.1559	-.0397	.0272	.0911	.1238	.1392	.0000	.1846	.1783
44.800	-.1713							.1383		.1892	.1783
50.100	-.7368							.1401		.1910	.1783
101.400	-.3244	-.4598	-.3890	-.1897	-.0351	.0847	.1465	.1674	.0000		.1783
115.600	-.4098									.2056	.1783
133.800	-.4121	-.4513	-.5091	-.1851	-.0189	.0748	.1220	.1429			.1783
149.100	-.4567									.1983	.1783
180.000	-.4013	-.3152	-.3798	-.3144	-.1128	.0375	.1320	.1683	.0000	.1919	.1783

MACH (1) = .200 BETA (8) = 5.960 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1620	-.1643	-.1566	-.0412	.0225	.0884	.1247	.1347	.0000	.1801	.1619
44.800	-.1689							.1383		.1864	.1619
50.100	-.7074							.1383		.1910	.1619
101.400	-.3112	-.4351	-.3597	-.1666	-.0143	.0911	.1465	.1710	.0000		.1619
115.600	-.4143									.2147	.1619
133.800	-.4259	-.4605	-.5051	-.1751	-.0074	.0738	.1201	.1583			.1619
149.100	-.4690									.1891	.1619
180.000	-.4174	-.3297	-.3889	-.3297	-.1205	.0284	.1338	.1664	.0000	.1819	.1619

OA176 B26C9PR1M1SN28W116E43F8V8R5TC19X9 TAILCONE (RFJC65)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1635	-.1635	-.1573	-.0489	.0141	.0802	.1246	.1355	.0000	.1782	.1373
44.800	-.1688							.1400		.1854	.1373
50.100	-.6710							.1391		.1863	.1373
101.400	-.3119	-.4157	-.3242	-.1396	.0041	.0929	.1364	.1673	.0000		.1373
115.600	-.4180									.2256	.1373
133.800	-.4449	-.4741	-.5010	-.1550	.0033	.0602	.1273	.1645			.1373
149.100	-.4918									.1800	.1373
180.000	-.4449	-.3442	-.3949	-.3365	-.1235	.0257	.1292	.1582	.0000	.1645	.1373

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.537 PO = 2117.6

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1653	-.1630	-.1576	-.0536	.0041	.0730	.1221	.1394	.0000	.1812	.1312
44.800	-.1661							.1430		.1839	.1312
50.100	-.6160							.1421		.1849	.1312
101.400	-.3001	-.3795	-.3024	-.1260	.0095	.0858	.1403	.1703	.0000		.1312
115.600	-.4157									.2488	.1312
133.800	-.4627	-.4835	-.4935	-.1368	.0064	.0503	.1367	.1703			.1312
149.100	-.5120									.1830	.1312
180.000	-.4635	-.3610	-.3957	-.3402	-.1206	.0248	.1276	.1567	.0000	.1676	.1312

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC66) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 BETA (1) = -1.990 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1617	-.1625	-.1571	-.0668	-.0066	.0759	.1396	.1624	.0000	.1861	.1934
44.800	-.1695							.1588		.1870	.1934
50.100	-.8772							.1570		.1861	.1934
101.400	-.3246	-.5091	-.4751	-.2945	-.1139	.0622	.1360	.1570	.0000		.1934
115.600	-.4010									.1971	.1934
133.800	-.3887	-.4350	-.4975	-.1934	-.0398	.0704	.1406	.1551			.1934
149.100	-.4195									.1971	.1934
180.000	-.4195	-.3007	-.3439	-.2420	-.0545	.0668	.1351	.1615	.0000	.1980	.1934

MACH (1) = .200 BETA (2) = -1.010 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1634	-.1627	-.1604	-.0638	-.0089	.0760	.1389	.1626	.0000	.1890	.1954
44.800	-.1689							.1598		.1890	.1954
50.100	-.8603							.1598		.1854	.1954
101.400	-.3319	-.4987	-.4624	-.2770	-.1001	.0705	.1389	.1598	.0000		.1954
115.600	-.4014									.1991	.1954
133.800	-.3890	-.4307	-.4956	-.1858	-.0313	.0787	.1462	.1607			.1954
149.100	-.4238									.1991	.1954
180.000	-.4238	-.2755	-.3481	-.2569	-.0553	.0714	.1453	.1680	.0000	.2009	.1954

MACH (1) = .200 BETA (3) = -.010 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1598	-.1636	-.1559	-.0674	-.0043	.0784	.1365	.1620	.0000	.1902	.1865
44.800	-.1729							.1593		.1892	.1865
50.100	-.8410							.1583		.1911	.1865
101.400	-.3306	-.4907	-.4484	-.2560	-.0843	.0730	.1411	.1665	0000		.1865
115.600	-.4030									.1993	.1865
133.800	-.3915	-.4330	-.4869	-.1782	-.0220	.0848	.1502	.1665			.1865

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC66)

MACH (1) = .200 BETA (3) = -.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4238									.1966	.1865
180.000	-.4284	-.2760	-.3476	-.2537	-.0620	.0702	.1447	.1656	.0000	.1984	.1865

MACH (1) = .200 BETA (4) = .990 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1643	-.1651	-.1613	-.0651	-.0066	.0766	.1365	.1592	.0000	.1919	.1874
44.800	-.1736							.1574		.1947	.1874
50.100	-.8246							.1601		.1929	.1874
101.400	-.3352	-.4845	-.4383	-.2413	-.0689	.0784	.1456	.1692	.0000		.1874
115.600	-.4029									.2011	.1874
133.800	-.3898	-.4337	-.4822	-.1682	-.0166	.0884	.1538	.1674			.1874
149.100	-.4260									.2011	.1874
180.000	-.4198	-.2705	-.3521	-.2644	-.0612	.0702	.1429	.1692	.0000	.1983	.1874

MACH (1) = .200 BETA (5) = 1.980 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1633	-.1625	-.1564	-.0604	-.0066	.0755	.1372	.1590	.0000	.1898	.1843
44.800	-.1710							.1553		.1944	.1843
50.100	-.7895							.1553		.1989	.1843
101.400	-.3385	-.4737	-.4222	-.2302	-.0534	.0846	.1472	.1698	.0000		.1843
115.600	-.3961									.1998	.1843
133.800	-.3938	-.4314	-.4706	-.1625	.0010	.0919	.1535	.1707			.1843
149.100	-.4314									.2007	.1843
180.000	-.3938	-.3131	-.3515	-.2501	-.0527	.0665	.1354	.1590	.0000	.2007	.1843

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC66)

MACH (1) = .200 BETA (6) = 3.980 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1599	-.1599	-.1576	-.0682	-.0066	.0757	.1375	.1603	.0000	.1930	.1884
44.800	-.1668							.1584		.2031	.1884
50.100	-.7236							.1593		.2012	.1884
101.400	-.3455	-.4656	-.4055	-.2030	-.0297	.0912	.1421	.1712	.0000		.1884
115.600	-.3978									.2040	.1884
133.800	-.4102	-.4479	-.4887	-.1568	-.0027	.0921	.1475	.1621			.1884
149.100	-.4541									.2003	.1884
180.000	-.4025	-.3239	-.3439	-.2477	-.0636	.0603	.1348	.1621	.0000	.1939	.1884

MACH (1) = .200 BETA (7) = 8.000 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1616	-.1647	-.1600	-.0698	-.0143	.0667	.1304	.1577	.0000	.1896	.1322
44.800	-.1701							.1559		.1951	.1322
50.100	-.5448							.1541		.1941	.1322
101.400	-.3204	-.4314	-.3620	-.1608	-.0028	.0904	.1386	.1659	.0000		.1322
115.600	-.4021									.2307	.1322
133.800	-.4307	-.4538	-.4469	-.1099	.0195	.0713	.1277	.1641			.1322
149.100	-.4831									.1859	.1322
180.000	-.4469	-.3451	-.3543	-.2788	-.0729	.0522	.1331	.1568	.0000	.1641	.1322

MACH (1) = .200 BETA (8) = 9.990 Q(PSF) = 60.505 PO = 2117.5

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1714	-.1737	-.1683	-.0744	-.0205	.0557	.1239	.1502	.0000	.1847	.1102
44.800	-.1760							.1520		.1948	.1102
50.100	-.4909							.1511		.1948	.1102
101.400	-.3069	-.3862	-.3023	-.1136	-.0181	.0439	.1066	.1548	.0000		.1102
115.600	-.3823									.2414	.1102
133.800	-.4355	-.4447	-.3916	-.0566	-.0343	.0248	.0948	.1420			.1102
149.100	-.4986									.1539	.1102
180.000	-.4824	-.3608	-.3662	-.2946	-.0928	.0221	.1084	.1429	.0000	.1420	.1102

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC67) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1844	-.1852	-.1744	-.0805	-.0243	.0621	.1384	.1684	.0000	.2121	.2139
44.800	-.1890							.1620		.2094	.2139
50.100	-.8542							.1575		.2075	.2139
101.400	-.3346	-.5185	-.5039	-.3438	-.1729	.0130	.1202	.1511	.0000		.2139
115.600	-.4292									.2222	.2139
133.800	-.4123	-.4616	-.5301	-.2052	-.0551	.0530	.1248	.1529			.2139
149.100	-.4131									.2103	.2139
180.000	-.3769	-.3130	-.3338	-.2352	-.0559	.0612	.1420	.1656	.0000	.2039	.2139

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1866	-.1874	-.1789	-.0781	-.0243	.0638	.1392	.1719	.0000	.2166	.2193
44.800	-.1936							.1655		.2138	.2193
50.100	-.7806							.1646		.2138	.2193
101.400	-.3751	-.5113	-.4813	-.3128	-.1328	.0457	.1392	.1637	.0000		.2193
115.600	-.4205									.2339	.2193
133.800	-.4005	-.4405	-.4851	-.1759	-.0297	.0693	.1419	.1637			.2193
149.100	-.4067									.2083	.2193
180.000	-.4482	-.2720	-.3590	-.2897	-.0851	.0493	.1474	.1737	.0000	.2092	.2193

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1878	-.1924	-.1847	-.0768	-.0251	.0649	.1359	.1714	.0000	.2152	.2207
44.800	-.1924							.1677		.2134	.2207
50.100	-.7353							.1641		.2134	.2207
101.400	-.4153	-.5001	-.4755	-.2973	-.1169	.0613	.1459	.1714	.0000		.2207
115.600	-.4215									.2280	.2207
133.800	-.3968	-.4361	-.4639	-.1755	-.0282	.0767	.1477	.1714			.2207

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC67)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4176									.2134	.2207
180.000	-.4623	-.2626	-.3482	-.2811	-.0729	.0613	.1495	.1777	.0000	.2079	.2207

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1938	-.1946	-.1846	-.0759	-.0243	.0630	.1412	.1731	.0000	.2123	.2169
44.800	-.1962							.1685		.2141	.2169
50.100	-.7001							.1685		.2141	.2169
101.400	-.4150	-.4990	-.4643	-.2848	-.0983	.0703	.1503	.1794	.0000		.2169
115.600	-.4127									.2288	.2169
133.800	-.4003	-.4312	-.4551	-.1730	-.0228	.0794	.1540	.1767			.2169
149.100	-.4296									.2150	.2169
180.000	-.4859	-.2455	-.3541	-.2871	-.0775	.0621	.1512	.1785	.0000	.2141	.2169

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1976	-.1991	-.1876	-.0813	-.0289	.0612	.1393	.1721	.0000	.2140	.2195
44.800	-.2022							.1666		.2140	.2195
50.100	-.6697							.1702		.2168	.2195
101.400	-.3878	-.4995	-.4571	-.2669	-.0836	.0794	.1575	.1830	.0000		.2195
115.600	-.4132									.2268	.2195
133.800	-.3978	-.4332	-.4579	-.1768	-.0251	.0848	.1612	.1793			.2195
149.100	-.4340									.2149	.2195
180.000	-.4556	-.2553	-.3555	-.2815	-.0759	.0575	.1475	.1757	.0000	.2104	.2195

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC67)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2015	-.1961	-.1907	-.0767	-.0274	.0603	.1366	.1757	.0000	.2150	.2140
44.800	-.2030							.1712		.2159	.2140
50.100	-.6428							.1721		.2140	.2140
101.400	-.3817	-.4826	-.4410	-.2477	-.0659	.0875	.1557	.1821	.0000		.2140
115.600	-.4071									.2277	.2140
133.800	-.4040	-.4325	-.4672	-.1730	-.0182	.0903	.1639	.1784			.2140
149.100	-.4456									.2150	.2140
180.000	-.4348	-.2816	-.3601	-.2885	-.0828	.0530	.1475	.1748	.0000	.2122	.2140

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2021	-.1982	-.1967	-.0812	-.0243	.0611	.1347	.1692	.0000	.2084	.2111
44.800	-.2059							.1683		.2166	.2111
50.100	-.5946							.1665		.2157	.2111
101.400	-.3791	-.4553	-.4114	-.2144	-.0289	.1020	.1583	.1801	.0000		.2111
115.600	-.4006									.2212	.2111
133.800	-.4122	-.4399	-.4776	-.1536	.0018	.1020	.1692	.1747			.2111
149.100	-.4476									.2093	.2111
180.000	-.3760	-.3214	-.3329	-.2444	-.0574	.0639	.1447	.1683	.0000	.2066	.2111

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2055	-.2078	-.1940	-.0799	-.0267	.0603	.1386	.1677	.0000	.2124	.2198
44.800	-.2063							.1704		.2188	.2198
50.100	-.5417							.1723		.2179	.2198
101.400	-.3844	-.4546	-.4029	-.1986	-.0213	.1122	.1704	.1914	.0000		.2198
115.600	-.4160									.2234	.2198
133.800	-.4206	-.4523	-.4831	-.1485	.0103	.1104	.1723	.1887			.2198
149.100	-.4607									.2079	.2198
180.000	-.3682	-.3142	-.3158	-.2325	-.0552	.0649	.1477	.1741	.0000	.2033	.2198

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC67)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2047	-.2047	-.1962	-.0811	-.0265	.0601	.1335	.1688	.0000	.2152	.2134
44.800	-.2062							.1697		.2179	.2134
50.100	-.4849							.1715		.2179	.2134
101.400	-.3805	-.4626	-.4012	-.1885	-.0181	.1154	.1743	.1951	.0000		.2134
115.600	-.4327									.2279	.2134
133.800	-.4365	-.4596	-.4788	-.1471	.0133	.1036	.1706	.1869			.2134
149.100	-.4711									.2043	.2134
180.000	-.3797	-.3122	-.3283	-.2477	-.0626	.0619	.1489	.1733	.0000	.1915	.2134

MACH (1) = .200 BETA (10) = 9.960 Q(PSF) = 60.545 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2065	-.2058	-.1950	-.0827	-.0320	.0538	.1328	.1664	.0000	.2192	.1863
44.800	-.2073							.1664		.2201	.1863
50.100	-.4426							.1673		.2192	.1863
101.400	-.3749	-.4588	-.3865	-.1688	.0041	.1174	.1627	.1854	.0000		.1863
115.600	-.4372									.2411	.1863
133.800	-.4518	-.4726	-.4741	-.1373	.0264	.0983	.1609	.1909			.1863
149.100	-.4934									.1773	.1863
180.000	-.4611	-.3572	-.3342	-.2504	-.0627	.0511	.1391	.1609	.0000	.1564	.1863

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC68) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2491	-.2468	-.2284	-.0826	-.0396	.0447	.1343	.1733	.0000	.2397	.2415
44.800	-.2514							.1660		.2370	.2415
50.100	-.6996							.1633		.2370	.2415
101.400	-.3596	-.5085	-.5231	-.3619	-.1984	.0057	.1289	.1715	.0000		.2415
115.600	-.4310									.2461	.2415
133.800	-.4310	-.4809	-.5400	-.2053	-.0511	.0501	.1108	.1651			.2415
149.100	-.4103									.2169	.2415
180.000	-.4310	-.2852	-.3703	-.3151	-.1140	.0175	.1099	.1407	.0000	.2115	.2415

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2364	-.2372	-.2211	-.0835	-.0404	.0547	.1373	.1817	.0000	.2447	.2492
44.800	-.2457							.1681		.2419	.2492
50.100	-.6377							.1708		.2374	.2492
101.400	-.3748	-.5094	-.5070	-.3302	-.1573	.0393	.1464	.1808	.0000		.2492
115.600	-.4225									.2456	.2492
133.800	-.4110	-.4555	-.4909	-.1749	-.0358	.0547	.1282	.1681			.2492
149.100	-.4110									.2337	.2492
180.000	-.4655	-.2710	-.3702	-.3164	-.1104	.0184	.1255	.1618	.0000	.2346	.2492

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2420	-.2405	-.2219	-.0869	-.0383	.0549	.1387	.1834	.0000	.2410	.2465
44.800	-.2428							.1752		.2410	.2465
50.100	-.6125							.1724		.2401	.2465
101.400	-.3786	-.5052	-.4967	-.3192	-.1409	.0559	.1533	.1861	.0000		.2465
115.600	-.4226									.2429	.2465
133.800	-.4095	-.4496	-.4705	-.1780	-.0437	.0568	.1415	.1752			.2465

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC68)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5021									.2319	.2465
180.000	-.4859	-.2621	-.3647	-.3061	-.1124	.0222	.1278	.1679	.0000	.2310	.2465

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2392	-.2399	-.2245	-.0813	-.0413	.0575	.1402	.1857	.0000	.2378	.2478
44.800	-.2469							.1766		.2396	.2478
50.100	-.5919							.1775		.2387	.2478
101.400	-.3832	-.5041	-.4910	-.3077	-.1244	.0630	.1566	.1884	.0000		.2478
115.600	-.4217									.2378	.2478
133.800	-.4186	-.4471	-.4563	-.1845	-.0451	.0639	.1493	.1766			.2478
149.100	-.4409									.2305	.2478
180.000	-.4856	-.2615	-.3632	-.3046	-.1113	.0221	.1275	.1675	.0000	.2314	.2478

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2456	-.2410	-.2256	-.0899	-.0405	.0522	.1422	.1859	.0000	.2390	.2454
44.800	-.2471							.1795		.2426	.2454
50.100	-.5910							.1777		.2408	.2454
101.400	-.3828	-.4985	-.4892	-.2911	-.1022	.0785	.1613	.1859	.0000		.2454
115.600	-.4206									.2371	.2454
133.800	-.4376	-.4576	-.4499	-.1924	-.0490	.0713	.1550	.1786			.2454
149.100	-.4383									.2307	.2454
180.000	-.4715	-.2680	-.3651	-.3127	-.1176	.0221	.1240	.1650	.0000	.2307	.2454

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC68)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2437	-.2430	-.2261	-.0849	-.0434	.0528	.1380	.1814	.0000	.2406	.2452
44.800	-.2468							.1796		.2415	.2452
50.100	-.5883							.1778		.2424	.2452
101.400	-.3865	-.4824	-.4732	-.2668	-.0764	.0881	.1624	.1869	.0000		.2452
115.600	-.4225									.2397	.2452
133.800	-.4387	-.4555	-.5016	-.2215	-.0595	.0700	.1651	.1796			.2452
149.100	-.4448									.2324	.2452
180.000	-.4525	-.2798	-.3750	-.3151	-.1171	.0184	.1253	.1615	.0000	.2315	.2452

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2423	-.2393	-.2247	-.0834	-.0404	.0510	.1371	.1779	.0000	.2407	.2453
44.800	-.2408							.1716		.2398	.2453
50.100	-.5480							.1716		.2389	.2453
101.400	-.3951	-.4719	-.4358	-.2170	-.0319	.1045	.1589	.1734	.0000		.2453
115.600	-.4236									.2426	.2453
133.800	-.4166	-.4550	-.5042	-.1970	-.0396	.0764	.1598	.1688			.2453
149.100	-.4596									.2180	.2453
180.000	-.3928	-.2938	-.3667	-.3107	-.1095	.0139	.1163	.1417	.0000	.2134	.2453

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2385	-.2370	-.2193	-.0780	-.0388	.0520	.1363	.1743	.0000	.2207	.2299
44.800	-.2385							.1761		.2198	.2299
50.100	-.4974							.1752		.2207	.2299
101.400	-.3898	-.4490	-.4137	-.2001	-.0227	.1100	.1707	.1934	.0000		.2299
115.600	-.4398									.2226	.2299
133.800	-.4367	-.4644	-.5089	-.1717	-.0043	.0964	.1653	.1798			.2299
149.100	-.4644									.2125	.2299
180.000	-.4190	-.3484	-.3276	-.2485	-.0657	.0465	.1254	.1508	.0000	.2125	.2299

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC68)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2303	-.2319	-.2141	-.0799	-.0382	.0540	.1387	.1787	.0000	.2327	.2418
44.800	-.2311							.1805		.2327	.2418
50.100	-.4587							.1796		.2290	.2418
101.400	-.3900	-.4587	-.4124	-.1918	-.0228	.1177	.1796	.2052	.0000		.2418
115.600	-.4710									.2309	.2418
133.800	-.4564	-.4849	-.5196	-.1717	-.0012	.1023	.1660	.1869			.2418
149.100	-.4903									.2153	.2418
180.000	-.3661	-.3229	-.3221	-.2388	-.0660	.0504	.1332	.1541	.0000	.2135	.2418

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.577 PO = 2117.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2339	-.2339	-.2147	-.0821	-.0428	.0494	.1331	.1731	.0000	.2324	.2306
44.800	-.2347							.1740		.2315	.2306
50.100	-.4158							.1749		.2306	.2306
101.400	-.3795	-.4612	-.4027	-.1738	.0025	.1203	.1731	.2041	.0000		.2306
115.600	-.4936									.2397	.2306
133.800	-.4828	-.5082	-.5298	-.1761	.0164	.1149	.1558	.1931			.2306
149.100	-.5244									.1904	.2306
180.000	-.3772	-.3534	-.3418	-.2524	-.0675	.0476	.1294	.1394	.0000	.1776	.2306

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC69) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 6.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2853	-.2822	-.2584	-.0872	-.0642	.0184	.1018	.1552	.0000	.2434	.2598
44.800	-.2906							.1323		.2416	.2598
50.100	-.6069							.1308		.2407	.2598
101.400	-.4035	-.5148	-.5540	-.3758	-.1916	.0148	.1262	.1588	.0000		.2598
115.600	-.4242									.2489	.2598
133.800	-.4549	-.5156	-.5839	-.2430	-.0826	.0266	.1099	.1552			.2598
149.100	-.4273									.2152	.2598
180.000	-.4281	-.2922	-.4004	-.3567	-.1524	-.0259	.0818	.1208	.0000	.2143	.2598

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2871	-.2825	-.2540	-.0880	-.0604	.0211	.1055	.1545	.0000	.2482	.2610
44.800	-.2871							.1372		.2427	.2610
50.100	-.5576							.1336		.2400	.2610
101.400	-.4185	-.5245	-.5484	-.3386	-.1372	.0375	.1200	.1499	.0000		.2610
115.600	-.4369									.2519	.2610
133.800	-.4446	-.4946	-.5514	-.2287	-.0857	.0311	.1100	.1481			.2610
149.100	-.4400									.2400	.2610
180.000	-.4915	-.2894	-.4131	-.3816	-.1803	-.0332	.0973	.1463	.0000	.2391	.2610

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2823	-.2808	-.2516	-.0842	-.0580	.0266	.1072	.1589	.0000	.2381	.2563
44.800	-.2885							.1390		.2381	.2563
50.100	-.5350							.1372		.2362	.2563
101.400	-.4229	-.5289	-.5350	-.3238	-.1226	.0483	.1263	.1580	.0000		.2563
115.600	-.4475									.2490	.2563
133.800	-.4467	-.4905	-.5312	-.2309	-.0895	.0275	.1245	.1571			.2563

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC69)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4590									.2408	.2563
180.000	-.5012	-.2938	-.4129	-.3837	-.1871	-.0350	.1018	.1580	.0000	.2417	.2563

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2869	-.2815	-.2493	-.0857	-.0565	.0266	.1081	.1598	.0000	.2408	.2563
44.800	-.2884							.1426		.2389	.2563
50.100	-.5127							.1399		.2380	.2563
101.400	-.4213	-.5265	-.5219	-.3007	-.1041	.0592	.1335	.1616	.0000		.2563
115.600	-.4620									.2471	.2563
133.800	-.4528	-.4935	-.5250	-.2270	-.0903	.0266	.1335	.1652			.2563
149.100	-.5995									.2417	.2563
180.000	-.5042	-.2984	-.4190	-.3844	-.1932	-.0341	.1036	.1598	.0000	.2417	.2563

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2845	-.2838	-.2508	-.0849	-.0557	.0284	.1081	.1562	.0000	.2398	.2553
44.800	-.2869							.1417		.2407	.2553
50.100	-.4949							.1407		.2398	.2553
101.400	-.4166	-.5264	-.5065	-.2838	-.0864	.0637	.1371	.1688	.0000		.2553
115.600	-.4711									.2508	.2553
133.800	-.4757	-.5180	-.5310	-.2385	-.1010	.0220	.1344	.1697			.2553
149.100	-.4873									.2416	.2553
180.000	-.4804	-.2984	-.4251	-.3874	-.1939	-.0340	.1009	.1607	.0000	.2389	.2553

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC69)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2833	-.2794	-.2496	-.0871	-.0572	.0256	.1025	.1541	.0000	.2376	.2567
44.800	-.2840							.1405		.2394	.2567
50.100	-.4780							.1396		.2403	.2567
101.400	-.4190	-.5201	-.4902	-.2610	-.0595	.0672	.1378	.1676	.0000		.2567
115.600	-.4887									.2540	.2567
133.800	-.4933	-.5194	-.5163	-.2557	-.1016	.0392	.1387	.1676			.2567
149.100	-.4649									.2449	.2567
180.000	-.4557	-.2994	-.4197	-.3845	-.1852	-.0367	.0989	.1532	.0000	.2367	.2567

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2881	-.2866	-.2533	-.0901	-.0615	.0231	.1016	.1554	.0000	.2406	.2608
44.800	-.2889							.1427		.2415	.2608
50.100	-.4389							.1436		.2397	.2608
101.400	-.4126	-.5062	-.4598	-.2294	-.0437	.0751	.1399	.1737	.0000		.2608
115.600	-.5395									.2516	.2608
133.800	-.4273	-.4660	-.5704	-.2819	-.1095	.0313	.1481	.1764			.2608
149.100	-.4869									.2342	.2608
180.000	-.3949	-.3222	-.4088	-.3778	-.1636	-.0379	.0815	.1281	.0000	.2296	.2608

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3015	-.2938	-.2555	-.0916	-.0609	.0184	.0997	.1467	.0000	.2210	.2410
44.800	-.3007							.1377		.2210	.2410
50.100	-.4064							.1404		.2183	.2410
101.400	-.4179	-.4646	-.3980	-.1927	-.0219	.0916	.1476	.1684	.0000		.2410
115.600	-.5259									.2265	.2410
133.800	-.4730	-.5106	-.5772	-.2348	-.0525	.0627	.1223	.1558			.2410
149.100	-.5021									.2074	.2410
180.000	-.4041	-.4309	-.4332	-.3045	-.1008	.0075	.0934	.1205	.0000	.2056	.2410

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC69)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2960	-.2906	-.2537	-.0847	-.0519	.0284	.1153	.1588	.0000	.2060	.2133
44.800	-.2960							.1570		.2078	.2133
50.100	-.3627							.1570		.2097	.2133
101.400	-.3980	-.4664	-.4165	-.2023	-.0334	.0927	.1516	.1787	.0000		.2133
115.600	-.5569									.2215	.2133
133.800	-.5047	-.5431	-.5861	-.2269	-.0388	.0592	.1244	.1498			.2133
149.100	-.5232									.2006	.2133
180.000	-.3865	-.3528	-.3520	-.2691	-.1087	.0121	.0954	.1307	.0000	.1978	.2133

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.674 PO = 2117.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3056	-.2987	-.2595	-.0804	-.0527	.0293	.1128	.1654	.0000	.2373	.2310
44.800	-.3018							.1645		.2346	.2310
50.100	-.2856							.1636		.2319	.2310
101.400	-.3879	-.4655	-.4140	-.1941	-.0173	.0910	.1572	.1835	.0000		.2310
115.600	-.5931									.2510	.2310
133.800	-.5408	-.5693	-.6085	-.2272	-.0173	.0837	.1364	.1772			.2310
149.100	-.5785									.1899	.2310
180.000	-.4148	-.3571	-.3540	-.2833	-.0965	.0139	.1010	.1173	.0000	.1763	.2310

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC71) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 ALPHA (1) = -4.160 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1718	-.1725	-.1617	-.0552	.0018	.0768	.1314	.1578	.0000	.2053	.2117
44.800	-.1833							.1496		.2044	.2117
50.100	-.8053							.1478		.2044	.2117
101.400	-.2752	-.4758	-.4164	-.2111	-.0521	.0786	.1424	.1633	.0000		.2117
115.600	-.4125									.2071	.2117
133.800	-.3778	-.4295	-.5260	-.2265	-.0645	.0622	.1333	.1460			.2117
149.100	-.4056									.2044	.2117
180.000	-.3809	-.2767	-.3963	-.3492	-.1525	.0085	.1241	.1642	.0000	.2044	.2117

MACH (1) = .200 ALPHA (2) = .040 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1654	-.1654	-.1585	-.0598	-.0058	.0749	.1249	.1549	.0000	.2014	.2042
44.800	-.1739							.1458		.1996	.2042
50.100	-.8029							.1486		.1968	.2042
101.400	-.2826	-.4853	-.4429	-.2332	-.0652	.0776	.1331	.1631	.0000		.2042
115.600	-.3997									.1987	.2042
133.800	-.3843	-.4267	-.5138	-.1985	-.0374	.0740	.1404	.1568			.2042
149.100	-.4198									.2014	.2042
180.000	-.4082	-.2872	-.3766	-.3011	-.0999	.0449	.1340	.1595	.0000	.2042	.2042

MACH (1) = .200 ALPHA (3) = 4.250 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1617	-.1617	-.1555	-.0791	-.0205	.0595	.1269	.1596	.0000	.1970	.2025
44.800	-.1709							.1505		.1988	.2025
50.100	-.8406							.1487		.2034	.2025
101.400	-.2890	-.4935	-.4479	-.2666	-.0853	.0686	.1350	.1605	.0000		.2025
115.600	-.3970									.2025	.2025
133.800	-.3916	-.4364	-.4919	-.1848	-.0251	.0813	.1396	.1605			.2025

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC71)

MACH (1) = .200 ALPHA (3) = 4.250

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4310									.2016	.2025
180.000	-.4240	-.2882	-.3523	-.2520	-.0614	.0695	.1350	.1605	.0000	.1998	.2025

MACH (1) = .200 ALPHA (4) = 8.470 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1753	-.1769	-.1707	-.0844	-.0359	.0521	.1248	.1694	.0000	.2214	.2306
44.800	-.1807							.1612		.2187	.2306
50.100	-.7762							.1603		.2196	.2306
101.400	-.2932	-.5020	-.4642	-.2747	-.0975	.0703	.1448	.1667	.0000		.2306
115.600	-.4149									.2269	.2306
133.800	-.3972	-.4334	-.4681	-.1769	-.0259	.0794	.1503	.1721			.2306
149.100	-.4357									.2205	.2306
180.000	-.4611	-.2554	-.3602	-.2816	-.0767	.0639	.1521	.1785	.0000	.2214	.2306

MACH (1) = .200 ALPHA (5) = 12.680 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2126	-.2180	-.1972	-.0873	-.0443	.0502	.1255	.1745	.0000	.2328	.2492
44.800	-.2226							.1627		.2328	.2492
50.100	-.7162							.1636		.2319	.2492
101.400	-.2803	-.5078	-.4802	-.2964	-.1104	.0611	.1473	.1817	.0000		.2492
115.600	-.4202									.2365	.2492
133.800	-.4110	-.4386	-.4486	-.1765	-.0281	.0701	.1418	.1772			.2492
149.100	-.4379									.2365	.2492
180.000	-.4832	-.2534	-.3618	-.2995	-.0904	.0429	.1409	.1681	.0000	.2337	.2492

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC71)

MACH (1) = .200 ALPHA (6) = 16.950 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2428	-.2352	-.2175	-.0894	-.0503	.0428	.1243	.1841	.0000	.2459	.2569
44.800	-.2459							.1678		.2450	.2569
50.100	-.6049							.1678		.2441	.2569
101.400	-.2965	-.5128	-.5067	-.3126	-.1285	.0600	.1524	.1850	.0000		.2569
115.600	-.4315									.2423	.2569
133.800	-.4254	-.4591	-.4706	-.1891	-.0541	.0519	.1478	.1714			.2569
149.100	-.4499									.2414	.2569
180.000	-.4837	-.2651	-.3725	-.3180	-.1308	.0093	.1225	.1632	.0000	.2405	.2569

MACH (1) = .200 ALPHA (7) = 20.150 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2700	-.2654	-.2331	-.0857	-.0596	.0257	.1090	.1589	.0000	.2380	.2681
44.800	-.2723							.1471		.2371	.2681
50.100	-.5542							.1489		.2399	.2681
101.400	-.3169	-.5257	-.5204	-.3130	-.1179	.0592	.1426	.1671	.0000		.2681
115.600	-.4459									.2462	.2681
133.800	-.4351	-.4781	-.5050	-.2170	-.0826	.0266	.1371	.1625			.2681
149.100	-.5480									.2444	.2681
180.000	-.4881	-.2953	-.4067	-.3660	-.1748	-.0223	.1027	.1625	.0000	.2481	.2681

MACH (1) = .200 ALPHA (8) = 21.210 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2862	-.2855	-.2471	-.0896	-.0550	.0248	.0991	.1553	.0000	.2317	.2564
44.800	-.2878							.1463		.2345	.2564
50.100	-.5382							.1435		.2372	.2564
101.400	-.3323	-.5306	-.5344	-.3162	-.1095	.0529	.1299	.1617	.0000		.2564
115.600	-.4660									.2482	.2564
133.800	-.4568	-.4968	-.5306	-.2340	-.0965	.0193	.1263	.1581			.2564
149.100	-.6120									.2418	.2564
180.000	-.4952	-.3047	-.4238	-.3892	-.1987	-.0386	.0991	.1544	.0000	.2390	.2564

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC71)

MACH (1) = .200 ALPHA (9) = 24.410 Q(PSF) = 60.618 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3174	-.3167	-.2686	-.0990	-.0791	-.0068	.0625	.1175	.0000	.2105	.2449
44.800	-.3228							.1040		.2105	.2449
50.100	-.5084							.1022		.2114	.2449
101.400	-.3824	-.5794	-.5680	-.3396	-.1303	.0156	.0895	.1229	.0000		.2449
115.600	-.5558									.2340	.2449
133.800	-.5107	-.5672	-.6184	-.2968	-.1311	.0012	.0949	.1409			.2449
149.100	-.6314									.2286	.2449
180.000	-.5321	-.3365	-.4771	-.4603	-.2510	-.0771	.0796	.1400	.0000	.2268	.2449

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC72) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1647	-.1631	-.1577	-.0675	-.0105	.0731	.1359	.1541	.0000	.1877	.1996
44.800	-.1731							.1504		.1859	.1996
50.100	-.8809							.1486		.1877	.1996
101.400	-.2595	-.5062	-.4769	-.2949	-.1276	.0458	.1359	.1568	.0000		.1996
115.600	-.3813									.1969	.1996
133.800	-.3582	-.4114	-.5147	-.2209	-.0698	.0522	.1404	.1586			.1996
149.100	-.3952									.1960	.1996
180.000	-.4106	-.3165	-.3836	-.3158	-.1099	.0394	.1368	.1722	.0000	.1969	.1996

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1623	-.1646	-.1584	-.0675	-.0043	.0749	.1285	.1513	.0000	.1931	.1959
44.800	-.1723							.1467		.1931	.1959
50.100	-.8235							.1449		.1922	.1959
101.400	-.2648	-.5014	-.4597	-.2678	-.0945	.0649	.1331	.1585	.0000		.1959
115.600	-.3942									.2004	.1959
133.800	-.3727	-.4189	-.5152	-.2101	-.0598	.0667	.1449	.1585			.1959
149.100	-.4004									.1986	.1959
180.000	-.4189	-.3072	-.3827	-.3033	-.1122	.0412	.1358	.1667	.0000	.1931	.1959

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1654	-.1646	-.1585	-.0644	-.0043	.0713	.1304	.1568	.0000	.2005	.2042
44.800	-.1747							.1513		.1959	.2042
50.100	-.8191							.1459		.1978	.2042
101.400	-.2679	-.4907	-.4537	-.2533	-.0791	.0694	.1368	.1595	.0000		.2042
115.600	-.3959									.2033	.2042
133.800	-.3766	-.4260	-.5100	-.2055	-.0490	.0685	.1404	.1586			.2042

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC72)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4152									.2033	.2042
180.000	-.4198	-.2934	-.3743	-.3011	-.1030	.0440	.1358	.1622	.0000	.1996	.2042

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1651	-.1690	-.1597	-.0651	-.0104	.0693	.1265	.1592	.0000	.2020	.2093
44.800	-.1721							.1529		.2020	.2093
50.100	-.8147							.1538		.2002	.2093
101.400	-.2698	-.4860	-.4376	-.2367	-.0659	.0775	.1356	.1601	.0000		.2093
115.600	-.4037									.2020	.2093
133.800	-.3837	-.4268	-.5068	-.2036	-.0412	.0720	.1420	.1565			.2093
149.100	-.4199									.2057	.2093
180.000	-.4060	-.2906	-.3745	-.3021	-.1036	.0448	.1338	.1629	.0000	.2038	.2093

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1676	-.1684	-.1584	-.0679	-.0104	.0682	.1261	.1578	.0000	.2022	.2140
44.800	-.1730							.1569		.2040	.2140
50.100	-.7650							.1578		.2056	.2140
101.400	-.2581	-.4759	-.4184	-.2221	-.0434	.0836	.1333	.1614	.0000		.2140
115.600	-.4023									.2040	.2140
133.800	-.3931	-.4330	-.5035	-.1960	-.0303	.0799	.1388	.1560			.2140
149.100	-.4276									.2113	.2140
180.000	-.4023	-.2995	-.3762	-.3011	-.1040	.0492	.1315	.1659	.0000	.2095	.2140

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC72)

MACH (1) = .200 BETA (6) = 2.000 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1644	-.1682	-.1574	-.0635	-.0074	.0729	.1265	.1547	.0000	.2047	.2139
44.800	-.1728							.1592		.2057	.2139
50.100	-.7462							.1574		.2038	.2139
101.400	-.2613	-.4714	-.4099	-.2082	-.0374	.0829	.1392	.1665	.0000		.2139
115.600	-.4099									.2093	.2139
133.800	-.3999	-.4399	-.5061	-.1928	-.0274	.0784	.1402	.1547			.2139
149.100	-.4322									.2139	.2139
180.000	-.3937	-.3075	-.3814	-.3067	-.1097	.0412	.1356	.1656	.0000	.2093	.2139

MACH (1) = .200 BETA (7) = 4.000 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1645	-.1676	-.1591	-.0636	-.0081	.0739	.1294	.1512	.0000	.2031	.2186
44.800	-.1737							.1575		.2113	.2186
50.100	-.6951							.1566		.2113	.2186
101.400	-.2669	-.4602	-.3948	-.1899	-.0351	.0866	.1493	.1739	.0000		.2186
115.600	-.4179									.2186	.2186
133.800	-.4155	-.4564	-.5141	-.1853	-.0212	.0766	.1221	.1457			.2186
149.100	-.4587									.2159	.2186
180.000	-.3948	-.3177	-.3878	-.3147	-.1144	.0366	.1339	.1703	.0000	.2140	.2186

MACH (1) = .200 BETA (8) = 5.990 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1685	-.1677	-.1616	-.0710	-.0104	.0646	.1262	.1479	.0000	.1905	.1742
44.800	-.1731							.1497		.1987	.1742
50.100	-.6151							.1506		.2023	.1742
101.400	-.2690	-.4324	-.3549	-.1554	-.0066	.0918	.1425	.1714	.0000		.1742
115.600	-.4248									.2233	.1742
133.800	-.4378	-.4677	-.5084	-.1708	-.0027	.0691	.1180	.1633			.1742
149.100	-.4785									.2005	.1742
180.000	-.4248	-.3365	-.3918	-.3296	-.1178	.0293	.1307	.1633	.0000	.1878	.1742

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC72)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1693	-.1693	-.1601	-.0757	-.0181	.0637	.1253	.1470	.0000	.1887	.1289
44.800	-.1747							.1488		.1942	.1289
50.100	-.4963							.1498		.1942	.1289
101.400	-.2583	-.4272	-.3244	-.1378	.0056	.0936	.1353	.1733	.0000		.1289
115.600	-.4349									.2379	.1289
133.800	-.4625	-.4855	-.5078	-.1563	.0025	.0555	.1325	.1742			.1289
149.100	-.5047									.1905	.1289
180.000	-.4525	-.3543	-.3980	-.3389	-.1217	.0266	.1289	.1588	.0000	.1724	.1289

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.562 PO = 2116.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1681	-.1704	-.1650	-.0785	-.0205	.0605	.1234	.1453	.0000	.1872	.1124
44.800	-.1720							.1489		.1891	.1124
50.100	-.4563							.1489		.1900	.1124
101.400	-.3080	-.3953	-.3196	-.1418	-.0066	.0887	.1435	.1708	.0000		.1124
115.600	-.4339									.2551	.1124
133.800	-.4857	-.5073	-.5143	-.1426	-.0004	.0431	.1471	.1781			.1124
149.100	-.5297									.1827	.1124
180.000	-.4756	-.3760	-.4053	-.3466	-.1217	.0240	.1252	.1617	.0000	.1644	.1124

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC73) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1589	-.1650	-.1604	-.0850	-.0358	.0529	.1274	.1628	.0000	.2055	.2083
44.800	-.1696							.1582		.2019	.2083
50.100	-.9126							.1546		.2037	.2083
101.400	-.2612	-.5134	-.4888	-.3242	-.1543	.0230	.1283	.1555	.0000		.2083
115.600	-.4004									.2165	.2083
133.800	-.3819	-.4365	-.5158	-.2127	-.0589	.0548	.1301	.1510			.2083
149.100	-.4088									.2083	.2083
180.000	-.4112	-.3219	-.3496	-.2535	-.0674	.0575	.1373	.1682	.0000	.2083	.2083

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1627	-.1643	-.1596	-.0800	-.0267	.0541	.1261	.1608	.0000	.2019	.2065
44.800	-.1697							.1562		.1992	.2065
50.100	-.8883							.1571		.2001	.2065
101.400	-.2701	-.5104	-.4749	-.2972	-.1241	.0523	.1389	.1544	.0000		.2065
115.600	-.4092									.2074	.2065
133.800	-.3837	-.4293	-.4989	-.1975	-.0360	.0678	.1398	.1508			.2065
149.100	-.4154									.2037	.2065
180.000	-.4185	-.2987	-.3489	-.2454	-.0561	.0623	.1334	.1635	.0000	.2092	.2065

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1609	-.1624	-.1609	-.0753	-.0290	.0567	.1268	.1596	.0000	.1970	.2062
44.800	-.1725							.1532		.1952	.2062
50.100	-.8599							.1560		.1952	.2062
101.400	-.2712	-.5034	-.4641	-.2805	-.1023	.0613	.1396	.1560	.0000		.2062
115.600	-.4016									.2025	.2062
133.800	-.3854	-.4278	-.4880	-.1871	-.0305	.0786	.1432	.1578			.2062

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC73)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4194									.2025	.2062
180.000	-.4386	-.2805	-.3461	-.2566	-.0568	.0749	.1414	.1669	.0000	.2034	.2062

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1612	-.1605	-.1589	-.0801	-.0290	.0550	.1225	.1663	.0000	.2047	.2167
44.800	-.1697							.1545		.2047	.2167
50.100	-.8477							.1508		.2075	.2167
101.400	-.2803	-.4937	-.4535	-.2687	-.0870	.0715	.1381	.1581	.0000		.2167
115.600	-.4071									.2102	.2167
133.800	-.3955	-.4364	-.4875	-.1860	-.0229	.0824	.1463	.1645			.2167
149.100	-.4303									.2102	.2167
180.000	-.4295	-.2911	-.3475	-.2679	-.0615	.0705	.1444	.1700	.0000	.2112	.2167

MACH (1) = .200 BETA (5) = 1.010 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1624	-.1647	-.1616	-.0779	-.0311	.0546	.1217	.1588	.0000	.2042	.2151
44.800	-.1685							.1552		.2042	.2151
50.100	-.8132							.1615		.2078	.2151
101.400	-.2736	-.4924	-.4348	-.2460	-.0726	.0773	.1370	.1651	.0000		.2151
115.600	-.4033									.2069	.2151
133.800	-.3980	-.4271	-.4855	-.1731	-.0142	.0872	.1434	.1660			.2151
149.100	-.4371									.2087	.2151
180.000	-.4241	-.2798	-.3581	-.2652	-.0626	.0709	.1443	.1706	.0000	.2115	.2151

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC73)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1622	-.1591	-.1561	-.0771	-.0265	.0555	.1197	.1586	.0000	.1994	.2103
44.800	-.1668							.1559		.1994	.2103
50.100	-.7648							.1523		.2012	.2103
101.400	-.2695	-.4765	-.4167	-.2297	-.0503	.0835	.1342	.1677	.0000		.2103
115.600	-.4014									.2049	.2103
133.800	-.4052	-.4359	-.4620	-.1637	-.0004	.0890	.1451	.1695			.2103
149.100	-.4428									.2076	.2103
180.000	-.3876	-.3132	-.3554	-.2580	-.0587	.0627	.1360	.1631	.0000	.2058	.2103

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1584	-.1615	-.1584	-.0783	-.0297	.0548	.1230	.1558	.0000	.2059	.2196
44.800	-.1661							.1603		.2123	.2196
50.100	-.6576							.1585		.2123	.2196
101.400	-.2686	-.4627	-.4042	-.1984	-.0236	.0876	.1403	.1649	.0000		.2196
115.600	-.4072									.2141	.2196
133.800	-.4157	-.4450	-.4850	-.1591	.0010	.0912	.1430	.1567			.2196
149.100	-.4565									.2178	.2196
180.000	-.4011	-.3310	-.3425	-.2478	-.0667	.0630	.1349	.1630	.0000	.2159	.2196

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1617	-.1610	-.1602	-.0872	-.0335	.0483	.1227	.1562	.0000	.2025	.1807
44.800	-.1641							.1571		.2089	.1807
50.100	-.4882							.1562		.2089	.1807
101.400	-.2754	-.4575	-.3876	-.1748	-.0027	.0946	.1372	.1635	.0000		.1807
115.600	-.4222									.2235	.1807
133.800	-.4268	-.4490	-.4567	-.1433	.0095	.0746	.1345	.1607			.1807
149.100	-.4698									.2089	.1807
180.000	-.4206	-.3377	-.3507	-.2654	-.0734	.0565	.1417	.1662	.0000	.1943	.1807

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC73)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1614	-.1637	-.1606	-.0863	-.0334	.0482	.1178	.1495	.0000	.1948	.1251
44.800	-.1682							.1522		.2039	.1251
50.100	-.4395							.1513		.2048	.1251
101.400	-.3062	-.4288	-.3499	-.1499	-.0020	.0699	.1197	.1531	.0000		.1251
115.600	-.4104									.2448	.1251
133.800	-.4410	-.4571	-.4449	-.0932	.0163	.0491	.1016	.1477			.1251
149.100	-.4931									.1784	.1251
180.000	-.4702	-.3522	-.3598	-.2855	-.0817	.0410	.1160	.1432	.0000	.1567	.1251

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.558 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1609	-.1633	-.1602	-.0869	-.0390	.0395	.1078	.1405	.0000	.1888	.1068
44.800	-.1671							.1460		.1971	.1068
50.100	-.4750							.1433		.1998	.1068
101.400	-.3107	-.3793	-.2906	-.1146	-.0236	.0194	.0868	.1442	.0000		.1068
115.600	-.3901									.2337	.1068
133.800	-.4542	-.4588	-.3917	-.0722	-.0398	.0058	.0649	.1241			.1068
149.100	-.5198									.1305	.1068
180.000	-.5051	-.3763	-.3763	-.3076	-.1031	.0094	.0941	.1305	.0000	.1205	.1068

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC74) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1842	-.1873	-.1765	-.0912	-.0443	.0439	.1255	.1646	.0000	.2210	.2283
44.800	-.1927							.1546		.2164	.2283
50.100	-.7864							.1537		.2155	.2283
101.400	-.2550	-.5095	-.4949	-.3434	-.1788	.0012	.1146	.1464	.0000		.2283
115.600	-.4265									.2292	.2283
133.800	-.4096	-.4572	-.5226	-.2111	-.0558	.0466	.1219	.1482			.2283
149.100	-.4165									.2155	.2283
180.000	-.3726	-.3150	-.3357	-.2404	-.0627	.0584	.1382	.1691	.0000	.2164	.2283

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1868	-.1861	-.1784	-.0867	-.0405	.0494	.1257	.1712	.0000	.2323	.2369
44.800	-.1899							.1621		.2287	.2369
50.100	-.7290							.1603		.2259	.2369
101.400	-.2615	-.5080	-.4887	-.3070	-.1360	.0448	.1348	.1657	.0000		.2369
115.600	-.4217									.2369	.2369
133.800	-.4009	-.4394	-.4849	-.1737	-.0305	.0666	.1339	.1603			.2369
149.100	-.4125									.2204	.2369
180.000	-.4479	-.2739	-.3640	-.2916	-.0875	.0476	.1448	.1694	.0000	.2223	.2369

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1913	-.1913	-.1790	-.0874	-.0412	.0466	.1256	.1692	.0000	.2276	.2367
44.800	-.1944							.1611		.2276	.2367
50.100	-.7017							.1611		.2249	.2367
101.400	-.2698	-.5062	-.4723	-.2991	-.1205	.0548	.1438	.1747	.0000		.2367
115.600	-.4199									.2322	.2367
133.800	-.4007	-.4338	-.4661	-.1713	-.0274	.0711	.1474	.1711			.2367

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC74)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4199									.2249	.2367
180.000	-.4754	-.2583	-.3514	-.2798	-.0789	.0584	.1474	.1765	.0000	.2249	.2367

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1932	-.1932	-.1801	-.0906	-.0451	.0440	.1222	.1713	.0000	.2389	.2499
44.800	-.1970							.1604		.2353	.2499
50.100	-.6749							.1586		.2334	.2499
101.400	-.2749	-.5046	-.4691	-.2810	-.1060	.0658	.1477	.1786	.0000		.2499
115.600	-.4182									.2380	.2499
133.800	-.4044	-.4344	-.4576	-.1747	-.0297	.0785	.1568	.1777			.2499
149.100	-.4298									.2344	.2499
180.000	-.4861	-.2494	-.3674	-.2887	-.0821	.0558	.1522	.1786	.0000	.2334	.2499

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1969	-.1907	-.1846	-.0883	-.0428	.0448	.1230	.1685	.0000	.2315	.2461
44.800	-.1984							.1594		.2306	.2461
50.100	-.6568							.1576		.2278	.2461
101.400	-.2778	-.4974	-.4588	-.2678	-.0860	.0758	.1512	.1776	.0000		.2461
115.600	-.4165									.2379	.2461
133.800	-.4072	-.4334	-.4581	-.1761	-.0235	.0821	.1594	.1749			.2461
149.100	-.4404									.2351	.2461
180.000	-.4427	-.2616	-.3587	-.2870	-.0798	.0558	.1512	.1767	.0000	.2342	.2461

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC74)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1952	-.1929	-.1828	-.0855	-.0368	.0495	.1252	.1699	.0000	.2322	.2478
44.800	-.2006							.1663		.2359	.2478
50.100	-.6358							.1654		.2340	.2478
101.400	-.2764	-.4881	-.4495	-.2516	-.0723	.0860	.1544	.1800	.0000		.2478
115.600	-.4070									.2386	.2478
133.800	-.4062	-.4340	-.4750	-.1720	-.0259	.0869	.1626	.1772			.2478
149.100	-.4464									.2285	.2478
180.000	-.4116	-.2864	-.3699	-.2895	-.0847	.0495	.1471	.1718	.0000	.2267	.2478

MACH (1) = .200 BETA (7) = 4.000 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1939	-.1916	-.1823	-.0867	-.0405	.0449	.1203	.1604	.0000	.2123	.2279
44.800	-.1977							.1622		.2169	.2279
50.100	-.5476							.1622		.2169	.2279
101.400	-.2786	-.4682	-.4143	-.2178	-.0351	.0994	.1549	.1785	.0000		.2279
115.600	-.4089									.2206	.2279
133.800	-.4158	-.4451	-.4836	-.1584	.0010	.1003	.1631	.1722			.2279
149.100	-.4559									.2160	.2279
180.000	-.3642	-.3310	-.3310	-.2393	-.0552	.0603	.1413	.1676	.0000	.2142	.2279

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1907	-.1899	-.1791	-.0913	-.0405	.0466	.1275	.1648	.0000	.2150	.2296
44.800	-.1968							.1684		.2214	.2296
50.100	-.4518							.1694		.2232	.2296
101.400	-.2793	-.4726	-.4141	-.2084	-.0328	.1048	.1721	.1921	.0000		.2296
115.600	-.4287									.2268	.2296
133.800	-.4302	-.4603	-.4888	-.1537	.0079	.1057	.1657	.1866			.2296
149.100	-.4680									.2122	.2296
180.000	-.3663	-.3162	-.3216	-.2377	-.0574	.0639	.1448	.1703	.0000	.2095	.2296

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC74)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1885	-.1885	-.1793	-.0879	-.0380	.0492	.1253	.1615	.0000	.2115	.2197
44.800	-.1939							.1652		.2170	.2197
50.100	-.4994							.1652		.2179	.2197
101.400	-.2829	-.4725	-.4142	-.2023	-.0273	.1036	.1652	.1878	.0000		.2197
115.600	-.4410									.2252	.2197
133.800	-.4464	-.4671	-.4779	-.1470	.0164	.0854	.1525	.1787			.2197
149.100	-.4840									.1960	.2197
180.000	-.3881	-.3251	-.3305	-.2514	-.0657	.0565	.1398	.1615	.0000	.1842	.2197

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.508 PO = 2116.7

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1918	-.1918	-.1818	-.0915	-.0460	.0422	.1187	.1551	.0000	.2117	.1934
44.800	-.1965							.1597		.2145	.1934
50.100	-.4905							.1597		.2136	.1934
101.400	-.3099	-.4728	-.4087	-.1895	-.0166	.1005	.1579	.1797	.0000		.1934
115.600	-.4527									.2337	.1934
133.800	-.4720	-.4859	-.4882	-.1432	.0110	.0722	.1478	.1788			.1934
149.100	-.5122									.1570	.1934
180.000	-.4743	-.3840	-.3454	-.2652	-.0753	.0385	.1251	.1397	.0000	.1305	.1934

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC75) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2308	-.2308	-.2069	-.0883	-.0497	.0412	.1248	.1739	.0000	.2415	.2461
44.800	-.2308							.1639		.2360	.2461
50.100	-.6375							.1630		.2378	.2461
101.400	-.2408	-.5004	-.5250	-.3625	-.1999	.0085	.1230	.1648	.0000		.2461
115.600	-.4303									.2442	.2461
133.800	-.4326	-.4773	-.5381	-.2154	-.0567	.0494	.1094	.1612			.2461
149.100	-.4079									.2177	.2461
180.000	-.4395	-.2901	-.3656	-.3070	-.1129	.0148	.1076	.1357	.0000	.2132	.2461

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2320	-.2320	-.2020	-.0858	-.0535	.0384	.1228	.1719	.0000	.2457	.2494
44.800	-.2358							.1655		.2457	.2494
50.100	-.6127							.1664		.2421	.2494
101.400	-.2543	-.5112	-.5112	-.3389	-.1604	.0366	.1401	.1755	.0000		.2494
115.600	-.4273									.2430	.2494
133.800	-.4181	-.4581	-.5004	-.1797	-.0443	.0584	.1210	.1664			.2494
149.100	-.4150									.2357	.2494
180.000	-.4797	-.2797	-.3820	-.3181	-.1227	.0184	.1210	.1601	.0000	.2357	.2494

MACH (1) = .200 BETA (3) = -.980 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2331	-.2262	-.2046	-.0883	-.0536	.0376	.1285	.1794	.0000	.2489	.2498
44.800	-.2347							.1694		.2452	.2498
50.100	-.6245							.1676		.2434	.2498
101.400	-.2670	-.5089	-.5074	-.3217	-.1422	.0485	.1476	.1785	.0000		.2498
115.600	-.4219									.2406	.2498
133.800	-.4142	-.4504	-.4797	-.1807	-.0451	.0539	.1349	.1676			.2498

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC75)

MACH (1) = .200 BETA (3) = -.980

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.5097									.2379	.2498
180.000	-.4889	-.2709	-.3687	-.3117	-.1237	.0176	.1221	.1621	.0000	.2370	.2498

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2338	-.2315	-.2030	-.0952	-.0490	.0403	.1230	.1812	.0000	.2378	.2570
44.800	-.2354							.1730		.2433	.2570
50.100	-.6236							.1685		.2433	.2570
101.400	-.2800	-.5057	-.4926	-.3139	-.1306	.0585	.1539	.1803	.0000		.2570
115.600	-.4333									.2424	.2570
133.800	-.4194	-.4526	-.4603	-.1853	-.0497	.0576	.1430	.1748			.2570
149.100	-.4495									.2369	.2570
180.000	-.4988	-.2654	-.3678	-.3093	-.1191	.0139	.1221	.1666	.0000	.2378	.2570

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2345	-.2337	-.2023	-.0910	-.0519	.0419	.1271	.1751	.0000	.2415	.2515
44.800	-.2345							.1705		.2424	.2515
50.100	-.6190							.1687		.2369	.2515
101.400	-.2798	-.5054	-.4854	-.2920	-.1063	.0736	.1588	.1841	.0000		.2515
115.600	-.4286									.2351	.2515
133.800	-.4402	-.4616	-.4578	-.1938	-.0557	.0628	.1561	.1778			.2515
149.100	-.4356									.2351	.2515
180.000	-.4678	-.2698	-.3749	-.3135	-.1248	.0148	.1207	.1633	.0000	.2342	.2515

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC75)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2368	-.2284	-.2060	-.0882	-.0505	.0385	.1248	.1766	.0000	.2432	.2551
44.800	-.2345							.1693		.2441	.2551
50.100	-.5910							.1666		.2432	.2551
101.400	-.2884	-.4986	-.4763	-.2746	-.0821	.0839	.1593	.1811	.0000		.2551
115.600	-.4301									.2451	.2551
133.800	-.4370	-.4594	-.5063	-.2314	-.0667	.0612	.1584	.1766			.2551
149.100	-.4563									.2405	.2551
180.000	-.4386	-.2915	-.3862	-.3269	-.1259	.0121	.1257	.1584	.0000	.2387	.2551

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2352	-.2345	-.2037	-.0882	-.0536	.0366	.1266	.1711	.0000	.2368	.2486
44.800	-.2352							.1720		.2386	.2486
50.100	-.3961							.1720		.2386	.2486
101.400	-.2999	-.4831	-.4392	-.2245	-.0351	.0939	.1511	.1738	.0000		.2486
115.600	-.4308									.2413	.2486
133.800	-.4246	-.4592	-.5124	-.2029	-.0420	.0702	.1547	.1665			.2486
149.100	-.4669									.2185	.2486
180.000	-.4015	-.3045	-.3646	-.3145	-.1090	.0112	.1084	.1402	.0000	.2158	.2486

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2324	-.2324	-.2017	-.0880	-.0465	.0411	.1263	.1662	.0000	.2062	.2217
44.800	-.2339							.1707		.2080	.2217
50.100	-.5005							.1698		.2089	.2217
101.400	-.3000	-.4651	-.4237	-.2132	-.0358	.0982	.1653	.1888	.0000		.2217
115.600	-.4452									.2125	.2217
133.800	-.4398	-.4705	-.5074	-.1748	-.0104	.0873	.1508	.1734			.2217
149.100	-.4759									.2053	.2217
180.000	-.3975	-.3430	-.3230	-.2455	-.0657	.0429	.1199	.1471	.0000	.2034	.2217

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC75)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2338	-.2315	-.1984	-.0851	-.0436	.0457	.1321	.1721	.0000	.2222	.2405
44.800	-.2338							.1766		.2241	.2405
50.100	-.4910							.1757		.2268	.2405
101.400	-.2892	-.4733	-.4248	-.2145	-.0397	.1048	.1757	.2012	.0000		.2405
115.600	-.4717									.2268	.2405
133.800	-.4594	-.4910	-.5233	-.1806	-.0074	.0984	.1593	.1875			.2405
149.100	-.4979									.2012	.2405
180.000	-.3786	-.3354	-.3347	-.2499	-.0751	.0421	.1248	.1430	.0000	.1866	.2405

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.555 PO = 2116.8

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2328	-.2328	-.2027	-.0869	-.0514	.0367	.1187	.1597	.0000	.2173	.2319
44.800	-.2366							.1643		.2154	.2319
50.100	-.4782							.1652		.2163	.2319
101.400	-.3223	-.4744	-.4234	-.1934	-.0136	.1050	.1606	.1898	.0000		.2319
115.600	-.4921									.2209	.2319
133.800	-.4821	-.5091	-.5361	-.1849	.0041	.0987	.1433	.1779			.2319
149.100	-.5292									.1752	.2319
180.000	-.3655	-.3578	-.3509	-.2613	-.0753	.0340	.1169	.1224	.0000	.1633	.2319

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC76) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.0100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 7.000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3187	-.3110	-.2521	-.0945	-.0700	.0084	.0870	.1402	.0000	.2298	.2507
44.800	-.3194							.1249		.2298	.2507
50.100	-.5711							.1231		.2298	.2507
101.400	-.3095	-.5512	-.5749	-.3852	-.1955	.0048	.1014	.1384	.0000		.2507
115.600	-.4778									.2389	.2507
133.800	-.4862	-.5367	-.6162	-.2789	-.1037	.0174	.0860	.1339			.2507
149.100	-.4609									.2062	.2507
180.000	-.4219	-.3164	-.4326	-.3783	-.1733	-.0402	.0662	.1041	.0000	.2071	.2507

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIAPLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3146	-.3046	-.2478	-.0919	-.0719	.0012	.0819	.1354	.0000	.2335	.2536
44.800	-.3139							.1209		.2317	.2536
50.100	-.5459							.1190		.2290	.2536
101.400	-.3300	-.5466	-.5612	-.3538	-.1502	.0248	.1027	.1345	.0000		.2536
115.600	-.4867									.2445	.2536
133.800	-.4736	-.5220	-.5881	-.2562	-.0980	.0275	.0909	.1345			.2536
149.100	-.4736									.2335	.2536
180.000	-.4913	-.3046	-.4329	-.4083	-.2002	-.0531	.0855	.1354	.0000	.2345	.2536

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3039	-.2986	-.2419	-.0909	-.0740	.0120	.0808	.1441	.0000	.2303	.2594
44.800	-.3078							.1242		.2312	.2594
50.100	-.5285							.1233		.2285	.2594
101.400	-.3269	-.5431	-.5385	-.3323	-.1323	.0392	.1088	.1441	.0000		.2594
115.600	-.4910									.2421	.2594
133.800	-.4733	-.5147	-.5599	-.2488	-.1024	.0238	.1043	.1468			.2594

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC76)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4818									.2385	.2594
180.000	-.5155	-.3016	-.4304	-.4020	-.2035	-.0485	.0889	.1504	.0000	.2385	.2594

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3009	-.3002	-.2385	-.0906	-.0667	.0176	.0876	.1458	.0000	.2260	.2571
44.800	-.3032							.1312		.2278	.2571
50.100	-.5136							.1294		.2251	.2571
101.400	-.3294	-.5475	-.5305	-.3148	-.1183	.0485	.1203	.1540	.0000		.2571
115.600	-.4989									.2406	.2571
133.800	-.4766	-.5228	-.5529	-.2470	-.1029	.0212	.1158	.1594			.2571
149.100	-.6392									.2370	.2571
180.000	-.5013	-.3125	-.4342	-.4049	-.2038	-.0460	.0949	.1567	.0000	.2388	.2571

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2988	-.2819	-.2269	-.0915	-.0655	.0138	.0888	.1483	.0000	.2289	.2607
44.800	-.2995							.1375		.2325	.2607
50.100	-.5030							.1375		.2307	.2607
101.400	-.3401	-.5344	-.5068	-.2957	-.0938	.0517	.1249	.1628	.0000		.2607
115.600	-.4961									.2471	.2607
133.800	-.4976	-.5152	-.5305	-.2391	-.1060	.0102	.1267	.1637			.2607
149.100	-.5137									.2443	.2607
180.000	-.4907	-.3049	-.4296	-.3890	-.2001	-.0493	.0942	.1574	.0000	.2416	.2607

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC76)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2836	-.2783	-.2307	-.0887	-.0687	.0157	.0854	.1470	.0000	.2370	.2634
44.800	-.2821							.1352		.2324	.2634
50.100	-.4794							.1325		.2306	.2634
101.400	-.3435	-.5239	-.5039	-.2691	-.0741	.0637	.1325	.1633	.0000		.2634
115.600	-.4963									.2488	.2634
133.800	-.5016	-.5154	-.5239	-.2583	-.1017	.0302	.1334	.1615			.2634
149.100	-.4709									.2434	.2634
180.000	-.4525	-.3067	-.4341	-.3919	-.1938	-.0467	.0945	.1470	.0000	.2452	.2634

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2909	-.2810	-.2311	-.0901	-.0664	.0120	.0926	.1450	.0000	.2321	.2476
44.800	-.2917							.1378		.2330	.2476
50.100	-.3614							.1360		.2330	.2476
101.400	-.3530	-.5071	-.4657	-.2365	-.0487	.0654	.1351	.1640	.0000		.2476
115.600	-.5316									.2439	.2476
133.800	-.4320	-.4672	-.5699	-.2879	-.1192	.0148	.1396	.1631			.2476
149.100	-.4848									.2239	.2476
180.000	-.3806	-.3385	-.4174	-.3814	-.1645	-.0457	.0772	.1179	.0000	.2185	.2476

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2913	-.2829	-.2314	-.0895	-.0664	.0103	.0854	.1398	.0000	.2078	.2197
44.800	-.2913							.1398		.2078	.2197
50.100	-.4417							.1370		.2060	.2197
101.400	-.3596	-.4755	-.4218	-.2076	-.0419	.0782	.1425	.1633	.0000		.2197
115.600	-.5269									.2078	.2197
133.800	-.4755	-.5100	-.5852	-.2414	-.0664	.0447	.1144	.1425			.2197
149.100	-.5085									.1914	.2197
180.000	-.4080	-.4264	-.4302	-.3097	-.1209	-.0060	.0845	.1108	.0000	.1905	.2197

0A176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC76)

MACH (1) = .200 BETA (9) = 7.990 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2861	-.2815	-.2278	-.0864	-.0657	.0193	.1000	.1498	.0000	.2025	.2198
44.800	-.2846							.1580		.1998	.2198
50.100	-.4305							.1553		.2025	.2198
101.400	-.3153	-.4781	-.4428	-.2216	-.0542	.0810	.1489	.1761	.0000		.2198
115.600	-.5603									.2134	.2198
133.800	-.5050	-.5419	-.5987	-.2439	-.0565	.0529	.1217	.1435			.2198
149.100	-.5326									.1943	.2198
180.000	-.3883	-.3506	-.3606	-.2907	-.1187	-.0041	.0873	.1163	.0000	.1870	.2198

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.759 PO = 2117.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2873	-.2842	-.2290	-.0879	-.0610	.0220	.0981	.1460	.0000	.2159	.2132
44.800	-.2888							.1533		.2177	.2132
50.100	-.4177							.1533		.2168	.2132
101.400	-.3617	-.5021	-.4584	-.2313	-.0480	.0637	.1424	.1714	.0000		.2132
115.600	-.5888									.2350	.2132
133.800	-.5312	-.5612	-.6233	-.2643	-.0595	.0600	.1207	.1578			.2132
149.100	-.5788									.1669	.2132
180.000	-.4123	-.3663	-.3694	-.3019	-.1178	-.0078	.0827	.0971	.0000	.1451	.2132

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC77) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = .000
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1495	-.1426	-.2059	-.2314	-.1804	-.0078	.0869	.1562	.1416	.0000	.0000
44.800	-.1518							.1516		.0000	.0000
50.100	-.5148							.1571		.0000	.0000
101.400	-.3797	-.5334	-.4932	-.3179	-.1480	.0459	.1297	.1489	.1407		.0000
115.600	-.4152									.0000	.0000
133.800	-.3905	-.4407	-.5202	-.2113	-.0553	.0650	.1370	.1489			.0000
149.100	-.4191									.0000	.0000
180.000	-.4183	-.3256	-.3557	-.2638	-.0684	.0595	.1498	.1744	.1443	.0000	.0000

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1282	-.1220	-.1790	-.2144	-.1836	-.0259	.0857	.1374	.1338	.0000	.0000
44.800	-.1090							.1411		.0000	.0000
50.100	-.4730							.1374		.0000	.0000
101.400	-.3937	-.5323	-.4869	-.3037	-.1290	.0384	.1093	.1393	.1465		.0000
115.600	-.4222									.0000	.0000
133.800	-.3983	-.4430	-.5099	-.1975	-.0466	.0675	.1393	.1383			.0000
149.100	-.4260									.0000	.0000
180.000	-.4345	-.3091	-.3529	-.2590	-.0628	.0648	.1393	.1574	.1565	.0000	.0000

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.498 PO = 2123..

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1213	-.1167	-.1590	-.2183	-.1844	-.0414	.0648	.1338	.1266	.0000	.0000
44.800	-.1182							.1184		.0000	.0000
50.100	-.4608							.1384		.0000	.0000
101.400	-.3985	-.5224	-.4731	-.2907	-.1236	.0412	.1229	.1393	.1475		.0000
115.600	-.4169									.0000	.0000
133.800	-.3977	-.4400	-.5039	-.1991	-.0412	.0721	.1402	.1402			.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC77)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4308									.0000	.0000
180.000	-.4493	-.2822	-.3592	-.2607	-.0690	.0684	.1475	.1711	.1656	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1066	-.1082	-.1620	-.2166	-.1851	-.0532	.0920	.1283	.1229	.0000	.0000
44.800	-.1212							.1220		.0000	.0000
50.100	-.4459							.1301		.0000	.0000
101.400	-.4036	-.5182	-.4667	-.2851	-.1158	.0484	.1192	.1456	.1410		.0000
115.600	-.4159									.0000	.0000
133.800	-.3990	-.4421	-.4944	-.1805	-.0335	.0738	.1374	.1438			.0000
149.100	-.4375									.0000	.0000
180.000	-.4428	-.2913	-.3551	-.2690	-.0651	.0675	.1428	.1637	.1565	.0000	.0000

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1122	-.1130	-.1623	-.2016	-.1839	-.0387	.0967	.1358	.1458	.0000	.0000
44.800	-.1222							.1340		.0000	.0000
50.100	-.4174							.1267		.0000	.0000
101.400	-.3966	-.5091	-.4536	-.2679	-.1076	.0558	.1285	.1458	.1558		.0000
115.600	-.4166									.0000	.0000
133.800	-.3997	-.4428	-.4952	-.1792	-.0212	.0749	.1413	.1522			.0000
149.100	-.4397									.0000	.0000
180.000	-.4390	-.2740	-.3596	-.2748	-.0713	.0649	.1513	.1685	.1513	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC77)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1324	-.1300	-.1617	-.2326	-.1810	-.0205	.0749	.1523	.1368	.0000	.0000
44.800	-.1393							.1487		.0000	.0000
50.100	-.4016							.1450		.0000	.0000
101.400	-.3885	-.5096	-.4494	-.2535	-.0930	.0640	.1378	.1541	.1614		.0000
115.600	-.4162									.0000	.0000
133.800	-.4054	-.4417	-.4849	-.1694	-.0120	.0859	.1441	.1560			.0000
149.100	-.4448									.0000	.0000
180.000	-.4031	-.3136	-.3592	-.2550	-.0583	.0667	.1387	.1587	.1632	.0000	.0000

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1504	-.1520	-.1881	-.2350	-.1758	-.0032	.1228	.1555	.1501	.0000	.0000
44.800	-.1397							.1537		.0000	.0000
50.100	-.3566							.1573		.0000	.0000
101.400	-.3712	-.5012	-.4358	-.2404	-.0720	.0656	.1446	.1564	.1664		.0000
115.600	-.4135									.0000	.0000
133.800	-.4181	-.4573	-.5042	-.1697	-.0104	.0802	.1473	.1646			.0000
149.100	-.4612									.0000	.0000
180.000	-.4104	-.3319	-.3481	-.2520	-.0658	.0620	.1437	.1655	.1501	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1684	-.1769	-.2185	-.2547	-.1761	.0057	.1285	.1667	.1658	.0000	.0000
44.800	-.1838							.1731		.0000	.0000
50.100	-.3264							.1676		.0000	.0000
101.400	-.3580	-.4967	-.4281	-.2293	-.0536	.0758	.1376	.1640	.1694		.0000
115.600	-.4366									.0000	.0000
133.800	-.4327	-.4605	-.4851	-.1638	-.0027	.0858	.1376	.1694			.0000
149.100	-.4705									.0000	.0000
180.000	-.4289	-.3372	-.3480	-.2640	-.0690	.0658	.1503	.1703	.1376	.0000	.0000

0A176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC77)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1929	-.2091	-.2522	-.2876	-.1637	.0285	.1375	.1693	.1666	.0000	.0000
44.800	-.2075							.1784		.0000	.0000
50.100	-.3045							.1738		.0000	.0000
101.400	-.3400	-.4708	-.4039	-.1998	-.0351	.0875	.1420	.1611	.1620		.0000
115.600	-.4193									.0000	.0000
133.800	-.4431	-.4654	-.4662	-.1175	.0095	.0593	.1130	.1502			.0000
149.100	-.4916									.0000	.0000
180.000	-.4485	-.3423	-.3592	-.2814	-.0774	.0584	.1338	.1211	.0948	.0000	.0000

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.498 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2542	-.2620	-.2967	-.3113	-.1524	.0449	.1268	.1469	.1405	.0000	.0000
44.800	-.2566							.1623		.0000	.0000
50.100	-.2951							.1596		.0000	.0000
101.400	-.3237	-.4255	-.3322	-.1200	-.0043	.0431	.0749	.1141	.1196		.0000
115.600	-.4016									.0000	.0000
133.800	-.4510	-.4633	-.4062	.0575	-.0259	.0121	.0658	.1041			.0000
149.100	-.5104									.0000	.0000
180.000	-.4787	-.3599	-.3738	-.2982	-.0922	.0303	.1114	.0986	.0504	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC78) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = 16.300
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1816	-.1878	-.2564	-.3304	-.3574	-.2252	-.0142	.0321	.0312	.0000	.0000
44.800	-.1939							.0376		.0000	.0000
50.100	-.3096							.0094		.0000	.0000
101.400	-.2780	-.5532	-.5246	-.3882	-.2556	-.0860	.0358	.0312	.0612		.0000
115.600	-.4337									.0000	.0000
133.800	-.4067	-.4560	-.5439	-.2479	-.0999	.0057	.0785	.0694			.0000
149.100	-.4321									.0000	.0000
180.000	-.4345	-.3435	-.3813	-.2980	-.1145	.0221	.1213	.1377	.0967	.0000	.0000

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1642	-.1750	-.2350	-.2888	-.3572	-.2446	-.0341	.0339	.0466	.0000	.0000
44.800	-.1927							.0257		.0000	.0000
50.100	-.2934							.0248		.0000	.0000
101.400	-.2673	-.5572	-.5233	-.3749	-.2304	-.0695	.0420	.0448	.0629		.0000
115.600	-.4341									.0000	.0000
133.800	-.4072	-.4595	-.5356	-.2350	-.0881	.0130	.0801	.0684			.0000
149.100	-.4426									.0000	.0000
180.000	-.4610	-.3265	-.3795	-.2903	-.1042	.0266	.1110	.1346	.1092	.0000	.0000

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1831	-.1777	-.2286	-.2887	-.3465	-.2225	-.0224	.0349	.0512	.0000	.0000
44.800	-.1777							.0303		.0000	.0000
50.100	-.2787							.0239		.0000	.0000
101.400	-.2664	-.5477	-.5138	-.3597	-.2355	-.0742	.0358	.0549	.0603		.0000
115.600	-.4306									.0000	.0000
133.800	-.4105	-.4560	-.5269	-.2240	-.0860	.0148	.0949	.0667			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC78)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4452									.0000	.0000
180.000	-.4529	-.3026	-.3835	-.2934	-.1060	.0258	.1195	.1395	.1104	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1665	-.1681	-.2299	-.3009	-.3473	-.2211	-.0005	.0523	.0404	.0000	.0000
44.800	-.1580							.0322		.0000	.0000
50.100	-.2793							.0450		.0000	.0000
101.400	-.2569	-.5396	-.5072	-.3573	-.2314	-.0671	.0377	.0668	.0623		.0000
115.600	-.4346									.0000	.0000
133.800	-.4153	-.4616	-.5257	-.2221	-.0761	.0222	.0969	.0823			.0000
149.100	-.4485									.0000	.0000
180.000	-.4438	-.3056	-.3836	-.3040	-.1101	.0222	.1234	.1361	.0869	.0000	.0000

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1712	-.1665	-.2281	-.3004	-.3442	-.2183	-.0051	.0511	.0493	.0000	.0000
44.800	-.1827							.0420		.0000	.0000
50.100	-.2811							.0302		.0000	.0000
101.400	-.2504	-.5418	-.5042	-.3527	-.2158	-.0541	.0547	.0720	.0684		.0000
115.600	-.4326									.0000	.0000
133.800	-.4165	-.4649	-.5272	-.2181	-.0766	.0230	.0992	.0929			.0000
149.100	-.4542									.0000	.0000
180.000	-.4396	-.2957	-.3919	-.3104	-.1081	.0266	.1228	.1428	.0929	.0000	.0000

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC78)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1677	-.2147	-.2317	-.3203	-.3396	-.2389	-.0233	.0494	.0176	.0000	.0000
44.800	-.1739							.0230		.0000	.0000
50.100	-.2741							.0367		.0000	.0000
101.400	-.2494	-.5393	-.4992	-.3442	-.1985	-.0415	.0676	.0840	.0840		.0000
115.600	-.4337										.0000
133.800	-.4229	-.4660	-.5192	-.2109	-.0606	.0285	.1049	.1040		.0000	.0000
149.100	-.4622										.0000
180.000	-.4267	-.3311	-.3967	-.2972	-.1053	.0339	.1104	.1331	.1186	.0000	.0000

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1930	-.1876	-.2369	-.3240	-.3502	-.2178	-.0005	.0539	.0385	.0000	.0000
44.800	-.1876							.0303		.0000	.0000
50.100	-.3040							.0321		.0000	.0000
101.400	-.2624	-.5366	-.4904	-.3248	-.1884	-.0314	.0639	.0676	.1176		.0000
115.600	-.4349									.0000	.0000
133.800	-.4426	-.4796	-.5366	-.2123	-.0628	.0357	.1121	.1139			.0000
149.100	-.4765									.0000	.0000
180.000	-.4249	-.3471	-.3818	-.2932	-.1137	.0248	.1130	.1303	.0748	.0000	.0000

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1937	-.2145	-.2454	-.3131	-.3509	-.2041	.0094	.0521	.0403	.0000	.0000
44.800	-.2030							.0494		.0000	.0000
50.100	-.3278							.0421		.0000	.0000
101.400	-.2615	-.5365	-.4833	-.3124	-.1745	-.0187	.0594	.0621	.1212		.0000
115.600	-.4579									.0000	.0000
133.800	-.4510	-.4880	-.5265	-.2099	-.0613	.0376	.1030	.1284			.0000
149.100	-.4903									.0000	.0000
180.000	-.4410	-.3578	-.3840	-.3047	-.1167	.0203	.1157	.1303	.0448	.0000	.0000

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC78)

MACH (1) = .200 BETA (9) = 8.020 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1981	-.1958	-.2599	-.3039	-.3456	-.2110	-.0060	.0340	.0285	.0000	.0000
44.800	-.1904							.0386		.0000	.0000
50.100	-.3703							.0094		.0000	.0000
101.400	-.2746	-.5139	-.4645	-.2915	-.1603	-.0096	.0422	.0586	.1069		.0000
115.600	-.4498									.0000	.0000
133.800	-.4691	-.4946	-.5155	-.1958	-.0506	.0231	.0914	.1224			.0000
149.100	-.5155									.0000	.0000
180.000	-.4676	-.3719	-.4004	-.3371	-.1302	.0058	.1005	.0595	-.0361	.0000	.0000

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.485 PO = 2123.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2077	-.2239	-.2532	-.3148	-.3472	-.2452	-.0351	.0285	.0176	.0000	.0000
44.800	-.1831							.0021		.0000	.0000
50.100	-.4112							.0139		.0000	.0000
101.400	-.2894	-.4805	-.4381	-.2748	-.1214	-.0133	.0376	.0685	.0921		.0000
115.600	-.4451									.0000	.0000
133.800	-.4875	-.5075	-.5144	-.1769	-.0598	.0076	.0703	.1076			.0000
149.100	-.5453									.0000	.0000
180.000	-.5013	-.3896	-.4104	-.3503	-.1399	-.0051	.0885	.0476	-.0733	.0000	.0000

OA176 B26C9PR1M1SN28W116E43F8V8R5TC23X9 TAILCONE (RFJC79) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = 55.000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1542	-.1526	-.1495	-.0684	-.0082	.0796	.1434	.1580	.1580	.0000	.0000
44.800	-.1573							.1516		.0000	.0000
50.100	-.9197							.1507		.0000	.0000
101.400	-.4307	-.5520	-.5142	-.3349	-.1712	.0121	.1215	.1498	.1489		.0000
115.600	-.4083									.0000	.0000
133.800	-.3658	-.4377	-.5651	-.2585	-.0754	.0377	.1106	.1361			.0000
149.100	-.3635									.0000	.0000
180.000	-.3512	-.3906	-.5173	-.1673	-.0313	-.0197	.0614	.1042	.1051	.0000	.0000

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1496	-.1488	-.1457	-.0677	-.0082	.0769	.1408	.1554	.1581	.0000	.0000
44.800	-.1481							.1535		.0000	.0000
50.100	-.8762							.1508		.0000	.0000
101.400	-.5090	-.5376	-.4943	-.3081	-.1372	.0304	.1125	.1453	.1280		.0000
115.600	-.4093									.0000	.0000
133.800	-.3691	-.4325	-.5477	-.2169	-.0321	.0058	.0559	.1198			.0000
149.100	-.3745									.0000	.0000
180.000	-.3312	-.3668	-.4603	-.1086	-.0762	-.0625	.0103	.0651	.1006	.0000	.0000

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1504	-.1512	-.1435	-.0704	-.0081	.0729	.1419	.1546	.1546	.0000	.0000
44.800	-.1497							.1546		.0000	.0000
50.100	-.8511							.1528		.0000	.0000
101.400	-.5704	-.5304	-.4819	-.2927	-.1212	.0430	.1201	.1464	.1256		.0000
115.600	-.4081									.0000	.0000
133.800	-.3766	-.4396	-.5465	-.2250	-.0297	.0475	.0702	.1364			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC79)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.3773									.0000	.0000
180.000	-.2796	-.3673	-.5335	-.2096	-.0374	.0012	.0638	.0902	.1001	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1505	-.1489	-.1459	-.0681	-.0027	.0811	.1428	.1592	.1601	.0000	.0000
44.800	-.1497							.1583		.0000	.0000
50.100	-.8268							.1574		.0000	.0000
101.400	-.6175	-.5167	-.4659	-.2767	-.1074	.0493	.1229	.1510	.1392		.0000
115.600	-.4075									.0000	.0000
133.800	-.3813	-.4405	-.5483	-.2136	-.0297	.0148	.0648	.1365			.0000
149.100	-.3913									.0000	.0000
180.000	-.2836	-.3428	-.5106	-.1751	-.0805	-.0178	.0648	.1147	.1283	.0000	.0000

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1577	-.1570	-.1508	-.0667	-.0012	.0822	.1468	.1614	.1632	.0000	.0000
44.800	-.1562							.1577		.0000	.0000
50.100	-.8054							.1577		.0000	.0000
101.400	-.6489	-.5194	-.4561	-.2611	-.0891	.0585	.1313	.1541	.1441		.0000
115.600	-.4106									.0000	.0000
133.800	-.3906	-.4484	-.5479	-.2179	-.0120	.0585	.0931	.1341			.0000
149.100	-.3952									.0000	.0000
180.000	-.2680	-.3574	-.5795	-.3235	-.0159	.0449	.0922	.1359	.1322	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC79)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1567	-.1574	-.1544	-.0689	-.0051	.0793	.1411	.1574	.1592	.0000	.0000
44.800	-.1559							.1574		.0000	.0000
50.100	-.7624							.1565		.0000	.0000
101.400	-.6639	-.5115	-.4507	-.2560	-.0866	.0521	.1229	.1483	.1347		.0000
115.600	-.4130									.0000	.0000
133.800	-.3976	-.4514	-.5384	-.2182	-.0343	.0275	.0857	.1302			.0000
149.100	-.4107									.0000	.0000
180.000	-.2967	-.3622	-.4830	-.1305	-.0728	-.0623	.0194	.0739	.0829	.0000	.0000

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1632	-.1609	-.1579	-.0673	-.0027	.0837	.1453	.1607	.1643	.0000	.0000
44.800	-.1594							.1616		.0000	.0000
50.100	-.6855							.1598		.0000	.0000
101.400	-.6594	-.4943	-.4274	-.2201	-.0534	.0746	.1344	.1553	.1526		.0000
115.600	-.4159									.0000	.0000
133.800	-.4136	-.4681	-.5580	-.2116	-.0173	.0510	.1027	.1453			.0000
149.100	-.4336									.0000	.0000
180.000	-.3291	-.3944	-.5449	-.2354	-.0319	.0121	.0791	.1308	.1353	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1697	-.1697	-.1635	-.0651	-.0004	.0865	.1474	.1664	.1655	.0000	.0000
44.800	-.1643							.1646		.0000	.0000
50.100	-.6066							.1682		.0000	.0000
101.400	-.6443	-.4889	-.4104	-.1974	-.0266	.0856	.1356	.1655	.1700		.0000
115.600	-.4320									.0000	.0000
133.800	-.4320	-.4728	-.5458	-.1997	-.0151	.0393	.1238	.1537			.0000
149.100	-.4543									.0000	.0000
180.000	-.3666	-.4135	-.5797	-.3435	-.0497	.0339	.1038	.1419	.1419	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC79)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1700	-.1677	-.1616	-.0664	-.0066	.0827	.1479	.1678	.1714	.0000	.0000
44.800	-.1639							.1669		.0000	.0000
50.100	-.5314							.1660		.0000	.0000
101.400	-.6089	-.4600	-.3825	-.1777	-.0242	.0673	.1307	.1615	.1741		.0000
115.600	-.4178									.0000	.0000
133.800	-.4470	-.4884	-.5222	-.1385	.0041	.0202	.1117	.1805			.0000
149.100	-.4846									.0000	.0000
180.000	-.4040	-.4516	-.6127	-.3925	-.0511	.0483	.1171	.1343	.1307	.0000	.0000

MACH (1) = .200 BETA (10) = 9.970 Q(PSF) = 60.518 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1844	-.1844	-.1728	-.0708	-.0128	.0733	.1471	.1700	.1727	.0000	.0000
44.800	-.1759							.1718		.0000	.0000
50.100	-.4874							.1700		.0000	.0000
101.400	-.5794	-.4147	-.3297	-.1411	-.0306	.0313	.1125	.1672	.1882		.0000
115.600	-.4109									.0000	.0000
133.800	-.4673	-.4990	-.4812	-.0770	-.0198	-.0042	.0933	.1718			.0000
149.100	-.5206									.0000	.0000
180.000	-.4565	-.4827	-.6265	-.4116	-.0623	.0432	.1079	.1344	.1216	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC80) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = -10.000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.970 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1557	-.1541	-.1465	-.0519	.0148	.1028	.1563	.1672	.1699	.0000	.0000
44.800	-.1549							.1672		.0000	.0000
50.100	-.8981							.1672		.0000	.0000
101.400	-.6360	-.5584	-.5061	-.3240	-.1303	.0638	.1381	.1654	.1635		.0000
115.600	-.4400									.0000	.0000
133.800	-.4323	-.4808	-.5492	-.2118	-.0273	.0874	.1418	.1599			.0000
149.100	-.4900									.0000	.0000
180.000	-.4024	-.3186	-.3609	-.2302	-.0266	.0774	.1254	.1545	.1545	.0000	.0000

MACH (1) = .200 BETA (2) = -1.970 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1527	-.1534	-.1465	-.0496	.0187	.1037	.1573	.1681	.1690	.0000	.0000
44.800	-.1534							.1700		.0000	.0000
50.100	-.8654							.1681		.0000	.0000
101.400	-.6724	-.5463	-.4917	-.2941	-.0996	.0756	.1427	.1636	.1645		.0000
115.600	-.4394									.0000	.0000
133.800	-.4302	-.4771	-.5317	-.1903	-.0135	.0783	.1418	.1527			.0000
149.100	-.4925									.0000	.0000
180.000	-.4187	-.3141	-.3633	-.2357	-.0312	.0647	.1282	.1563	.1582	.0000	.0000

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1576	-.1584	-.1491	-.0482	.0203	.1049	.1621	.1749	.1767	.0000	.0000
44.800	-.1576							.1740		.0000	.0000
50.100	-.8411							.1722		.0000	.0000
101.400	-.7016	-.5375	-.4789	-.2786	-.0844	.0867	.1467	.1703	.1703		.0000
115.600	-.4366									.0000	.0000
133.800	-.4350	-.4828	-.5244	-.1846	-.0058	.0958	.1540	.1676			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC80)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4967									.0000	.0000
180.000	-.3949	-.3094	-.3818	-.2555	-.0374	.0903	.1431	.1749	.1703	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1555	-.1571	-.1493	-.0467	.0211	.1114	.1615	.1769	.1760	.0000	.0000
44.800	-.1540							.1742		.0000	.0000
50.100	-.8113							.1760		.0000	.0000
101.400	-.7195	-.5282	-.4626	-.2612	-.0699	.0950	.1414	.1742	.1742		.0000
115.600	-.4364									.0000	.0000
133.800	-.4410	-.4811	-.5189	-.1748	-.0004	.0941	.1560	.1706			.0000
149.100	-.5027									.0000	.0000
180.000	-.4001	-.3307	-.3885	-.2743	-.0475	.0841	.1560	.1733	.1669	.0000	.0000

MACH (1) = .200 BETA (5) = 1.000 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1607	-.1591	-.1530	-.0474	.0218	.1085	.1621	.1767	.1767	.0000	.0000
44.800	-.1576							.1730		.0000	.0000
50.100	-.7847							.1721		.0000	.0000
101.400	-.7231	-.5212	-.4473	-.2439	-.0513	.0930	.1485	.1694	.1748		.0000
115.600	-.4295									.0000	.0000
133.800	-.4403	-.4781	-.5081	-.1568	.0249	.0912	.1439	.1712			.0000
149.100	-.5043									.0000	.0000
180.000	-.4326	-.3587	-.3964	-.2678	-.0513	.0830	.1548	.1676	.1467	.0000	.0000

OA176 826C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC80)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1625	-.1579	-.1541	-.0488	.0264	.1082	.1580	.1789	.1744	.0000	.0000
44.800	-.1602							.1735		.0000	.0000
50.100	-.7395							.1725		.0000	.0000
101.400	-.7195	-.5082	-.4322	-.2255	-.0342	.0928	.1444	.1698	.1789		.0000
115.600	-.4314									.0000	.0000
133.800	-.4437	-.4737	-.4944	-.1410	.0371	.0792	.1472	.1735			.0000
149.100	-.5152									.0000	.0000
180.000	-.4314	-.3569	-.3761	-.2609	-.0511	.0746	.1490	.1608	.1354	.0000	.0000

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1709	-.1701	-.1578	-.0436	.0241	.1123	.1632	.1760	.1760	.0000	.0000
44.800	-.1663							.1760		.0000	.0000
50.100	-.6723							.1760		.0000	.0000
101.400	-.7063	-.4933	-.4131	-.1979	-.0028	.0904	.1505	.1687	.1733		.0000
115.600	-.4278									.0000	.0000
133.800	-.4540	-.4841	-.5180	-.1555	.0157	.1041	.1632	.1769			.0000
149.100	-.5211									.0000	.0000
180.000	-.4417	-.3699	-.3830	-.2804	-.0637	.0804	.1605	.1541	.1223	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1721	-.1714	-.1667	-.0497	.0210	.1102	.1648	.1784	.1793	.0000	.0000
44.800	-.1675							.1748		.0000	.0000
50.100	-.5925							.1729		.0000	.0000
101.400	-.6772	-.4886	-.3977	-.1752	.0187	.0930	.1457	.1566	.1811		.0000
115.600	-.4432									.0000	.0000
133.800	-.4632	-.4909	-.5017	-.1429	.0172	.0857	.1493	.1766			.0000
149.100	-.5332									.0000	.0000
180.000	-.4801	-.4131	-.4062	-.3046	-.0805	.0612	.1629	.1475	.0902	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC80)

MACH (1) = .200 BETA (9) = 8.020 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1735	-.1735	-.1651	-.0581	.0079	.0965	.1601	.1800	.1800	.0000	.0000
44.800	-.1704							.1764		.0000	.0000
50.100	-.5197							.1719		.0000	.0000
101.400	-.6343	-.4551	-.3674	-.1551	-.0020	.0820	.1465	.1701	.1891		.0000
115.600	-.4235									.0000	.0000
133.800	-.4666	-.4812	-.4474	-.0566	-.0020	.0375	.1365	.1673			.0000
149.100	-.5443									.0000	.0000
180.000	-.5066	-.4282	-.4089	-.3089	-.0881	.0457	.1501	.1419	.1002	.0000	.0000

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.538 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1885	-.1870	-.1777	-.0621	-.0043	.0831	.1558	.1831	.1849	.0000	.0000
44.800	-.1816							.1786		.0000	.0000
50.100	-.4714							.1740		.0000	.0000
101.400	-.5939	-.3974	-.3003	-.1114	-.0297	.0321	.1249	.1677	.2032		.0000
115.600	-.3989									.0000	.0000
133.800	-.4660	-.4675	-.3642	-.0575	-.0621	.0057	.0976	.1695			.0000
149.100	-.5523									.0000	.0000
180.000	-.5307	-.4405	-.4166	-.3265	-.1037	.0339	.1349	.1376	.1231	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC81) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = 10.000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1757	-.1757	-.1680	-.0519	.0056	.0919	.1627	.1881	.1881	.0000	.0000
44.800	-.1819							.1872		.0000	.0000
50.100	-.9568							.1881		.0000	.0000
101.400	-.6862	-.5655	-.5025	-.3003	-.1111	.0892	.1636	.1845	.1899		.0000
115.600	-.4179									.0000	.0000
133.800	-.4033	-.4510	-.5355	-.2157	-.0473	.0892	.1672	.1854			.0000
149.100	-.4302									.0000	.0000
180.000	-.4379	-.3318	-.3587	-.2565	-.0589	.0801	.1582	.1845	.1854	.0000	.0000

MACH (1) = .200 BETA (2) = -1.980 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1794	-.1801	-.1701	-.0529	.0041	.0895	.1687	.1887	.1905	.0000	.0000
44.800	-.1817							.1942		.0000	.0000
50.100	-.8665							.1905		.0000	.0000
101.400	-.7200	-.5549	-.4925	-.2788	-.0914	.0867	.1687	.1914	.1814		.0000
115.600	-.4246									.0000	.0000
133.800	-.4099	-.4547	-.5233	-.2040	-.0282	.0913	.1577	.1796			.0000
149.100	-.4408									.0000	.0000
180.000	-.4593	-.3174	-.3536	-.2426	-.0390	.0822	.1377	.1677	.1696	.0000	.0000

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1807	-.1807	-.1714	-.0520	.0041	.0921	.1712	.1930	.1967	.0000	.0000
44.800	-.1807							.1939		.0000	.0000
50.100	-.8099							.1912		.0000	.0000
101.400	-.7336	-.5527	-.4826	-.2669	-.0790	.0921	.1684	.1939	.1848		.0000
115.600	-.4256									.0000	.0000
133.800	-.4125	-.4564	-.5165	-.1976	-.0251	.1012	.1612	.1830			.0000

OA176 B26C9PR1M16N28W116C43F8V8R5TC23X9 TAILCONE (RFJC81)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4479									.0000	.0000
180.000	-.4679	-.2916	-.3601	-.2608	-.0459	.0930	.1557	.1803	.1812	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1831	-.1815	-.1692	-.0500	.0118	.0935	.1738	.1949	.1967	.0000	.0000
44.800	-.1808							.1930		.0000	.0000
50.100	-.7589							.1958		.0000	.0000
101.400	-.6328	-.5484	-.4633	-.2504	-.0585	.1017	.1729	.1921	.1866		.0000
115.600	-.4339									.0000	.0000
133.800	-.4176	-.4586	-.5151	-.1870	-.0113	.1081	.1629	.1857			.0000
149.100	-.4532									.0000	.0000
180.000	-.4617	-.3000	-.3619	-.2628	-.0492	.0898	.1629	.1866	.1857	.0000	.0000

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1838	-.1808	-.1738	-.0498	.0079	.0967	.1722	.1940	.1968	.0000	.0000
44.800	-.1800							.1931		.0000	.0000
50.100	-.6948							.1913		.0000	.0000
101.400	-.7202	-.5352	-.4582	-.2324	-.0451	.1067	.1713	.1895	.1913		.0000
115.600	-.4312									.0000	.0000
133.800	-.4189	-.4620	-.5152	-.1815	-.0012	.1103	.1522	.1822			.0000
149.100	-.4536									.0000	.0000
180.000	-.4528	-.2894	-.3711	-.2717	-.0575	.0885	.1331	.1849	.1913	.0000	.0000

0A176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC81)

MACH (1) = .200 BETA (6) = 1.990 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1778	-.1809	-.1693	-.0513	.0064	.0958	.1705	.1932	.1923	.0000	.0000
44.800	-.1786							.1896		.0000	.0000
50.100	-.6220							.1914		.0000	.0000
101.400	-.6968	-.5302	-.4407	-.2187	-.0290	.1077	.1677	.1868	.1777		.0000
115.600	-.4292									.0000	.0000
133.800	-.4215	-.4593	-.4983	-.1670	.0126	.0922	.1486	.1768			.0000
149.100	-.4608									.0000	.0000
180.000	-.4215	-.3274	-.3659	-.2534	-.0467	.0813	.1432	.1759	.1723	.0000	.0000

MACH (1) = .200 BETA (7) = 3.990 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1803	-.1788	-.1703	-.0499	.0041	.0914	.1634	.1898	.1871	.0000	.0000
44.800	-.1757							.1871		.0000	.0000
50.100	-.4953							.1853		.0000	.0000
101.400	-.6521	-.5092	-.4228	-.1911	-.0074	.1187	.1734	.1862	.1743		.0000
115.600	-.4421									.0000	.0000
133.800	-.4421	-.4753	-.5224	-.1718	.0049	.1069	.1607	.1716			.0000
149.100	-.4760									.0000	.0000
180.000	-.4166	-.3440	-.3602	-.2514	-.0560	.0805	.1588	.1798	.1871	.0000	.0000

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1839	-.1847	-.1724	-.0560	.0002	.0904	.1704	.1932	.1978	.0000	.0000
44.800	-.1770							.1932		.0000	.0000
50.100	-.4021							.1941		.0000	.0000
101.400	-.5941	-.4993	-.3991	-.1670	.0110	.1186	.1650	.1896	.1932		.0000
115.600	-.4561									.0000	.0000
133.800	-.4538	-.4816	-.5024	-.1600	.0149	.0949	.1413	.1795			.0000
149.100	-.4916									.0000	.0000
180.000	-.4391	-.3528	-.3620	-.2688	-.0652	.0722	.1586	.1832	.1732	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC81)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1879	-.1902	-.1771	-.0614	-.0066	.0850	.1887	.1970	.2006	.0000	.0000
44.800	-.1809							.1951		.0000	.0000
50.100	-.3499							.1951		.0000	.0000
101.400	-.5365	-.4702	-.3638	-.1354	.0172	.0931	.1478	.1869	.1869		.0000
115.600	-.4401									.0000	.0000
133.800	-.4656	-.4872	-.4748	-.1069	.0226	.0558	.1177	.1733			.0000
149.100	-.5134									.0000	.0000
180.000	-.4710	-.3614	-.3761	-.2936	-.0807	.0595	.1450	.1587	.1432	.0000	.0000

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.449 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1939	-.1924	-.1816	-.0644	-.0166	.0676	.1577	.1969	.2005	.0000	.0000
44.800	-.1831							.1905		.0000	.0000
50.100	-.3381							.1895		.0000	.0000
101.400	-.4892	-.4152	-.2888	-.0968	-.0058	.0503	.1240	.1813	.1895		.0000
115.600	-.4306									.0000	.0000
133.800	-.4753	-.4884	-.4383	-.0752	-.0143	.0321	.0995	.1677			.0000
149.100	-.5316									.0000	.0000
180.000	-.4931	-.3782	-.3859	-.3096	-.0937	.0394	.1340	.1504	.1286	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC82) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = 10.000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -3.980 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1898	-.1914	-.1852	-.0940	-.0283	.0678	.1536	.1882	.1910	.0000	.0000
44.800	-.1983							.1891		.0000	.0000
50.100	-1.0564							.1891		.0000	.0000
101.400	-.6080	-.5740	-.5168	-.3151	-.1241	.0742	.1691	.1882	.1837		.0000
115.600	-.4179									.0000	.0000
133.800	-.3916	-.4426	-.5184	-.2076	-.0414	.0842	.1636	.1837			.0000
149.100	-.4148									.0000	.0000
180.000	-.3993	-.2857	-.3367	-.2277	-.0430	.0860	.1636	.1837	.1654	.0000	.0000

MACH (1) = .200 BETA (2) = -1.990 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1940	-.1956	-.1902	-.0891	-.0267	.0686	.1523	.1832	.1860	.0000	.0000
44.800	-.2025							.1860		.0000	.0000
50.100	-.9784							.1860		.0000	.0000
101.400	-.6746	-.5689	-.5041	-.2881	-.0930	.0886	.1714	.1851	.1896		.0000
115.600	-.4301									.0000	.0000
133.800	-.4038	-.4462	-.5157	-.1963	-.0251	.0950	.1623	.1832			.0000
149.100	-.4277									.0000	.0000
180.000	-.4316	-.2688	-.3329	-.2311	-.0375	.0922	.1587	.1778	.1741	.0000	.0000

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1965	-.1957	-.1880	-.0892	-.0251	.0686	.1515	.1843	.1852	.0000	.0000
44.800	-.2004							.1834		.0000	.0000
50.100	-.9183							.1843		.0000	.0000
101.400	-.7199	-.5632	-.4852	-.2737	-.0792	.0987	.1697	.1861	.1852		.0000
115.600	-.4304									.0000	.0000
133.800	-.4080	-.4520	-.5091	-.1903	-.0182	.1005	.1615	.1889			.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC82)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4327									.0000	.0000
180.000	-.4127	-.2606	-.3416	-.2451	-.0352	.0950	.1624	.1816	.1788	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1947	-.1970	-.1870	-.0852	-.0228	.0740	.1504	.1859	.1859	.0000	.0000
44.800	-.1970							.1877		.0000	.0000
50.100	-.8638							.1895		.0000	.0000
101.400	-.7436	-.5547	-.4761	-.2571	-.0644	.1058	.1695	.1868	.1831		.0000
115.600	-.4352									.0000	.0000
133.800	-.4136	-.4514	-.5100	-.1808	-.0074	.1031	.1577	.1886			.0000
149.100	-.4391									.0000	.0000
180.000	-.4036	-.2741	-.3481	-.2433	-.0451	.0894	.1577	.1795	.1713	.0000	.0000

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1968	-.1960	-.1914	-.0844	-.0258	.0712	.1502	.1802	.1820	.0000	.0000
44.800	-.1968							.1839		.0000	.0000
50.100	-.7993							.1829		.0000	.0000
101.400	-.7468	-.5479	-.4709	-.2461	-.0551	.1139	.1648	.1820	.1784		.0000
115.600	-.4340									.0000	.0000
133.800	-.4178	-.4578	-.5087	-.1760	-.0058	.1057	.1511	.1757			.0000
149.100	-.4447									.0000	.0000
180.000	-.3978	-.2977	-.3431	-.2391	-.0443	.0821	.1466	.1657	.1548	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC82)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1953	-.1960	-.1883	-.0821	-.0158	.0748	.1512	.1821	.1839	.0000	.0000
44.800	-.1960							.1866		.0000	.0000
50.100	-.7266							.1866		.0000	.0000
101.400	-.7374	-.5387	-.4548	-.2299	-.0397	.1093	.1657	.1893	.1839		.0000
115.600	-.4417									.0000	.0000
133.800	-.4278	-.4602	-.5018	-.1776	-.0035	.0984	.1557	.1848			.0000
149.100	-.4556									.0000	.0000
180.000	-.3932	-.3185	-.3424	-.2399	-.0505	.0739	.1512	.1711	.1584	.0000	.0000

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1960	-.1945	-.1876	-.0767	-.0120	.0793	.1520	.1802	.1848	.0000	.0000
44.800	-.1960							.1875		.0000	.0000
50.100	-.5957							.1857		.0000	.0000
101.400	-.7019	-.5179	-.4332	-.2037	-.0181	.1093	.1693	.1875	.1811		.0000
115.600	-.4571									.0000	.0000
133.800	-.4424	-.4755	-.5148	-.1737	-.0004	.0912	.1439	.1848			.0000
149.100	-.4701									.0000	.0000
180.000	-.3978	-.3331	-.3408	-.2492	-.0574	.0766	.1511	.1611	.1384	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1945	-.1968	-.1860	-.0728	-.0066	.0830	.1538	.1802	.1838	.0000	.0000
44.800	-.1937							.1856		.0000	.0000
50.100	-.4816							.1856		.0000	.0000
101.400	-.6495	-.5093	-.4139	-.1767	.0025	.1102	.1620	.1775	.1711		.0000
115.600	-.4624									.0000	.0000
133.800	-.4516	-.4770	-.4824	-.1498	.0149	.0766	.1239	.1629			.0000
149.100	-.4901									.0000	.0000
180.000	-.4300	-.3400	-.3561	-.2699	-.0628	.0693	.1329	.1275	.1057	.0000	.0000

OA176 B26C9PR1M16N28W115E43F8V8R5TC23X9 TAILCONE (RFJC82)

MACH (1) = .200 BETA (9) = 8.010 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1959	-.1936	-.1882	-.0689	-.0104	.0793	.1519	.1792	.1810	.0000	.0000
44.800	-.1913							.1801		.0000	.0000
50.100	-.4014							.1801		.0000	.0000
101.400	-.5937	-.4660	-.3613	-.1251	.0218	.0838	.1383	.1710	.1683		.0000
115.600	-.4529									.0000	.0000
133.800	-.4714	-.4891	-.4883	-.1151	.0287	.0620	.1020	.1447			.0000
149.100	-.5137									.0000	.0000
180.000	-.4583	-.3559	-.3675	-.2890	-.0689	.0539	.1292	.1183	.0866	.0000	.0000

MACH (1) = .200 BETA (10) = 9.980 Q(PSF) = 60.484 PO = 2123.4

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1982	-.1959	-.1890	-.0705	-.0158	.0639	.1393	.1674	.1729	.0000	.0000
44.800	-.1928							.1701		.0000	.0000
50.100	-.3737							.1683		.0000	.0000
101.400	-.5461	-.3983	-.2275	-.0566	-.0112	.0239	.0857	.1383	.1393		.0000
115.600	-.4260									.0000	.0000
133.800	-.4776	-.4868	-.4399	-.0651	-.0112	.0076	.0639	.1284			.0000
149.100	-.5315									.0000	.0000
180.000	-.4853	-.3722	-.3745	-.2998	-.0882	.0275	.1202	.0857	-.0005	.0000	.0000

0A176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC83) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 ALPHA (1) = -4.150 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1877	-.1869	-.1769	-.0228	.0465	.1140	.1513	.1758	.1740	.0000	.0000
44.800	-.1885							.1704		.0000	.0000
50.100	-.7958							.1695		.0000	.0000
101.400	-.6108	-.4967	-.4158	-.1985	-.0282	.1040	.1595	.1758	.1776		.0000
115.600	-.4081									.0000	.0000
133.800	-.3788	-.4297	-.5253	-.2162	-.0436	.0858	.1558	.1776			.0000
149.100	-.4058									.0000	.0000
180.000	-.3734	-.2709	-.3896	-.3326	-.1345	.0358	.1504	.1776	.1840	.0000	.0000

MACH (1) = .200 ALPHA (2) = .060 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1545	-.1537	-.1452	-.0189	.0511	.1203	.1448	.1584	.1575	.0000	.0000
44.800	-.1514							.1575		.0000	.0000
50.100	-.7821							.1521		.0000	.0000
101.400	-.6404	-.5010	-.4348	-.2215	-.0451	.0993	.1548	.1657	.1793		.0000
115.600	-.3955									.0000	.0000
133.800	-.3847	-.4309	-.5079	-.1906	-.0220	.0966	.1602	.1784			.0000
149.100	-.4201									.0000	.0000
180.000	-.4124	-.2869	-.3647	-.2823	-.0821	.0703	.1539	.1766	.1802	.0000	.0000

MACH (1) = .200 ALPHA (3) = 4.260 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1430	-.1461	-.1414	-.0420	.0280	.1158	.1585	.1721	.1740	.0000	.0000
44.800	-.1414							.1740		.0000	.0000
50.100	-.8164							.1740		.0000	.0000
101.400	-.6731	-.5097	-.4504	-.2485	-.0636	.0967	.1567	.1758	.1758		.0000
115.600	-.3972									.0000	.0000
133.800	-.3888	-.4280	-.4866	-.1684	-.0004	.1039	.1585	.1730			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5:C23X9 TAILCONE (RFJC83)

MACH (1) = .200 ALPHA (3) = 4.260

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4265									.0000	.0000
180.000	-.4219	-.2770	-.3348	-.2323	-.0313	.0958	.1521	.1730	.1794	.0000	.0000

MACH (1) = .200 ALPHA (4) = 8.480 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1641	-.1656	-.1556	-.0545	.0103	.1069	.1761	.1907	.1944	.0000	.0000
44.800	-.1602							.1916		.0000	.0000
50.100	-.7608							.1916		.0000	.0000
101.400	-.6805	-.5146	-.4605	-.2645	-.0707	.1032	.1652	.1925	.1880		.0000
115.600	-.4026									.0000	.0000
133.800	-.3926	-.4320	-.4644	-.1613	-.0028	.1051	.1725	.1889			.0000
149.100	-.4289									.0000	.0000
180.000	-.4567	-.2482	-.3486	-.2683	-.0514	.0923	.1743	.1779	.1779	.0000	.0000

MACH (1) = .200 ALPHA (5) = 12.690 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2266	-.2243	-.2089	-.0674	-.0081	.0965	.1873	.2184	.2202	.0000	.0000
44.800	-.2266							.2138		.0000	.0000
50.100	-.6336							.2111		.0000	.0000
101.400	-.6520	-.5197	-.4774	-.2843	-.0912	.0929	.1782	.2065	.2092		.0000
115.600	-.4228									.0000	.0000
133.800	-.4082	-.4389	-.4389	-.1605	-.0066	.0965	.1637	.2001			.0000
149.100	-.4320									.0000	.0000
180.000	-.4882	-.2458	-.3512	-.2828	-.0704	.0684	.1728	.1373	.2001	.0000	.0000

OA176 - PRESSURE SOURCE DATA TABULATION

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC83)

MACH (1) = .200 ALPHA (6) = 16.970 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2569	-.2507	-.2392	-.0728	-.0259	.0757	.1775	.2195	.2195	.0000	.0000
44.800	-.2546							.2186		.0000	.0000
50.100	-.5179							.2140		.0000	.0000
101.400	-.6073	-.5264	-.5041	-.3000	-.1052	.0930	.1811	.2222	.2250		.0000
115.600	-.4194									.0000	.0000
133.800	-.4286	-.4563	-.4694	-.1760	-.0328	.0921	.1711	.2140			.0000
149.100	-.4586									.0000	.0000
180.000	-.4941	-.2653	-.3655	-.3031	-.1059	.0457	.1639	.1912	.1976	.0000	.0000

MACH (1) = .200 ALPHA (7) = 21.230 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2957	-.2941	-.2742	-.0750	-.0366	.0547	.1518	.1982	.1945	.0000	.0000
44.800	-.2926							.1954		.0000	.0000
50.100	-.4818							.1963		.0000	.0000
101.400	-.5694	-.5540	-.5271	-.3011	-.0850	.0856	.1609	.2128	.2018		.0000
115.600	-.4641									.0000	.0000
133.800	-.4572	-.4979	-.5317	-.2196	-.0658	.0656	.1536	.1973			.0000
149.100	-.6155									.0000	.0000
180.000	-.5041	-.3003	-.4187	-.3772	-.1757	-.0032	.1464	.1909	.1890	.0000	.0000

MACH (1) = .200 ALPHA (8) = 25.470 Q(PSF) = 60.567 PO = 2121.9

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3362	-.3346	-.3071	-.0907	-.0746	.0120	.1104	.1618	.1618	.0000	.0000
44.800	-.3331							.1582		.0000	.0000
50.100	-.4715							.1600		.0000	.0000
101.400	-.5343	-.6130	-.5717	-.3285	-.1083	.0346	.1104	.1889	.1998		.0000
115.600	-.5702									.0000	.0000
133.800	-.5320	-.5863	-.6413	-.2972	-.1205	.0274	.1104	.1862			.0000
149.100	-.6077									.0000	.0000
180.000	-.5457	-.3400	-.4800	-.4593	-.2467	-.0556	.1212	.1889	.1989	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC84) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1683	-.1706	-.1605	-.0182	.0606	.1180	.1317	.1445	.1381	.0000	.0000
44.800	-.1706							.1390		.0000	.0000
50.100	-.8774							.1363		.0000	.0000
101.400	-.5758	-.5340	-.4753	-.2804	-.1017	.0770	.1509	.1673	.1728		.0000
115.600	-.3801									.0000	.0000
133.800	-.3616	-.4157	-.5132	-.2131	-.0553	.0724	.1582	.1710			.0000
149.100	-.3941									.0000	.0000
180.000	-.4126	-.3013	-.3740	-.2974	-.0878	.0642	.1573	.1773	.1710	.0000	.0000

MACH (1) = .200 BETA (2) = -2.010 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1678	-.1647	-.1509	-.0173	.0593	.1117	.1335	.1507	.1434	.0000	.0000
44.800	-.1663							.1443		.0000	.0000
50.100	-.8334							.1425		.0000	.0000
101.400	-.6215	-.5225	-.4595	-.2522	-.0718	.0864	.1507	.1625	.1688		.0000
115.600	-.3943									.0000	.0000
133.800	-.3758	-.4234	-.5132	-.2039	-.0373	.0836	.1579	.1715			.0000
149.100	-.4111									.0000	.0000
180.000	-.4173	-.2998	-.3697	-.2883	-.0841	.0646	.1543	.1788	.1779	.0000	.0000

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1427	-.1495	-.1396	-.0266	.0533	.1165	.1373	.1464	.1455	.0000	.0000
44.800	-.1427							.1473		.0000	.0000
50.100	-.8103							.1437		.0000	.0000
101.400	-.6572	-.5326	-.4565	-.2519	-.0627	.0938	.1482	.1655	.1755		.0000
115.600	-.3950									.0000	.0000
133.800	-.3873	-.4411	-.5226	-.2065	-.0343	.0892	.1546	.1782			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC84)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4265									.0000	.0000
180.000	-.4288	-.2996	-.3765	-.2919	-.0858	.0675	.1500	.1809	.1764	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1466	-.1481	-.1389	-.0212	.0541	.1174	.1419	.1555	.1546	.0000	.0000
44.800	-.1474							.1546		.0000	.0000
50.100	-.7842							.1510		.0000	.0000
101.400	-.6819	-.5066	-.4350	-.2258	-.0458	.0965	.1519	.1673	.1764		.0000
115.600	-.3966									.0000	.0000
133.800	-.3889	-.4312	-.5096	-.1927	-.0235	.0947	.1591	.1773			.0000
149.100	-.4235									.0000	.0000
180.000	-.4058	-.2850	-.3681	-.2889	-.0820	.0693	.1537	.1773	.1782	.0000	.0000

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1492	-.1485	-.1354	-.0228	.0511	.1186	.1477	.1559	.1522	.0000	.0000
44.800	-.1462							.1568		.0000	.0000
50.100	-.7568							.1550		.0000	.0000
101.400	-.6936	-.4954	-.4206	-.2109	-.0336	.1004	.1541	.1723	.1750		.0000
115.600	-.3960									.0000	.0000
133.800	-.3913	-.4391	-.5093	-.1862	-.0166	.0995	.1550	.1768			.0000
149.100	-.4322									.0000	.0000
180.000	-.3898	-.2942	-.3705	-.2880	-.0852	.0685	.1541	.1750	.1741	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC84)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1445	-.1438	-.1376	-.0220	.0534	.1149	.1431	.1549	.1531	.0000	.0000
44.800	-.1461							.1540		.0000	.0000
50.100	-.7379							.1558		.0000	.0000
101.400	-.6963	-.4921	-.4112	-.2031	-.0266	.0967	.1567	.1722	.1840		.0000
115.600	-.4019									.0000	.0000
133.800	-.4019	-.4435	-.5090	-.1831	-.0112	.0958	.1576	.1776			.0000
149.100	-.4374									.0000	.0000
180.000	-.3850	-.3010	-.3734	-.2940	-.0875	.0649	.1576	.1758	.1740	.0000	.0000

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1404	-.1412	-.1243	-.0243	.0564	.1138	.1319	.1501	.1428	.0000	.0000
44.800	-.1374							.1492		.0000	.0000
50.100	-.7012							.1474		.0000	.0000
101.400	-.6928	-.4758	-.3797	-.1897	-.0189	.1029	.1610	.1737	.1900		.0000
115.600	-.4089									.0000	.0000
133.800	-.4158	-.4505	-.4974	-.1789	.0025	.0920	.1410	.1882			.0000
149.100	-.4566									.0000	.0000
180.000	-.3897	-.3074	-.3743	-.3051	-.0935	.0575	.1528	.1728	.1610	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1442	-.1450	-.1366	-.0197	.0548	.1128	.1328	.1500	.1491	.0000	.0000
44.800	-.1427							.1509		.0000	.0000
50.100	-.6764							.1491		.0000	.0000
101.400	-.6818	-.4534	-.3634	-.1565	-.0020	.1083	.1636	.1882	.1918		.0000
115.600	-.4126									.0000	.0000
133.800	-.4342	-.4665	-.5057	-.1612	.0087	.0865	.1391	.1854			.0000
149.100	-.4765									.0000	.0000
180.000	-.4026	-.3288	-.3888	-.3165	-.1089	.0493	.1537	.1591	.1646	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC84)

MACH (1) = .200 BETA (9) = 7.970 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1491	-.1506	-.1406	-.0228	.0472	.1121	.1357	.1530	.1530	.0000	.0000
44.800	-.1460							.1548		.0000	.0000
50.100	-.6382							.1539		.0000	.0000
101.400	-.6667	-.4333	-.3232	-.1283	.0257	.1057	.1475	.1675	.1812		.0000
115.600	-.4148									.0000	.0000
133.800	-.4503	-.4757	-.5011	-.1445	.0241	.0721	.1421	.1775			.0000
149.100	-.4980									.0000	.0000
180.000	-.4279	-.3409	-.3917	-.3278	-.1067	.0430	.1494	.1475	.1530	.0000	.0000

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.558 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1578	-.1563	-.1448	-.0350	.0386	.1063	.1380	.1534	.1543	.0000	.0000
44.800	-.1540							.1543		.0000	.0000
50.100	-.6107							.1525		.0000	.0000
101.400	-.6422	-.3935	-.3037	-.1202	.0240	.0999	.1552	.1597	.1824		.0000
115.600	-.4142									.0000	.0000
133.800	-.4679	-.4871	-.4933	-.1248	.0233	.0583	.1470	.1697			.0000
149.100	-.5171									.0000	.0000
180.000	-.4564	-.3582	-.3927	-.3298	-.1041	.0438	.1470	.1452	.1498	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC85) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 1.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1454	-.1477	-.1431	-.0513	.0195	.1113	.1604	.1768	.1777	.0000	.0000
44.800	-.1477							.1714		.0000	.0000
50.100	-.8972							.1705		.0000	.0000
101.400	-.6536	-.5433	-.4939	-.3127	-.1269	.0658	.1595	.1777	.1705		.0000
115.600	-.3999									.0000	.0000
133.800	-.3837	-.4384	-.5094	-.2025	-.0344	.0858	.1577	.1723			.0000
149.100	-.4122									.0000	.0000
180.000	-.4014	-.3197	-.3389	-.2387	-.0467	.0858	.1641	.1796	.1659	.0000	.0000

MACH (1) = .200 BETA (2) = -2.010 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1422	-.1422	-.1361	-.0552	.0203	.1067	.1622	.1731	.1713	.0000	.0000
44.800	-.1407							.1722		.0000	.0000
50.100	-.8667							.1731		.0000	.0000
101.400	-.6910	-.5361	-.4821	-.2902	-.0968	.0849	.1576	.1740	.1722		.0000
115.600	-.4020									.0000	.0000
133.800	-.3920	-.4328	-.4975	-.1831	-.0174	.0940	.1595	.1740			.0000
149.100	-.4220									.0000	.0000
180.000	-.4251	-.2933	-.3349	-.2216	-.0259	.0876	.1504	.1686	.1713	.0000	.0000

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1423	-.1346	-.1408	-.0490	.0195	.1077	.1614	.1796	.1796	.0000	.0000
44.800	-.1400							.1741		.0000	.0000
50.100	-.8441							.1705		.0000	.0000
101.400	-.7169	-.5164	-.4693	-.2742	-.0830	.0913	.1605	.1732	.1850		.0000
115.600	-.4030									.0000	.0000
133.800	-.3907	-.4346	-.4909	-.1755	-.0112	.1004	.1677	.1787			.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC85)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4200									.0000	.0000
180.000	-.4138	-.2811	-.3413	-.2356	-.0351	.0986	.1696	.1860	.1850	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1418	-.1433	-.1356	-.0504	.0210	.1091	.1625	.1761	.1743	.0000	.0000
44.800	-.1441							.1779		.0000	.0000
50.100	-.8207							.1761		.0000	.0000
101.400	-.7016	-.5089	-.4513	-.2547	-.0696	.0918	.1607	.1788	.1797		.0000
115.600	-.4006									.0000	.0000
133.800	-.3929	-.4328	-.4851	-.1656	-.0020	.1018	.1643	.1825			.0000
149.100	-.4282									.0000	.0000
180.000	-.4290	-.2792	-.3422	-.2354	-.0342	.0927	.1634	.1807	.1807	.0000	.0000

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1440	-.1471	-.1379	-.0506	.0288	.1133	.1616	.1770	.1770	.0000	.0000
44.800	-.1456							.1770		.0000	.0000
50.100	-.7902							.1761		.0000	.0000
101.400	-.7154	-.5084	-.4382	-.2413	-.0475	.0969	.1588	.1825	.1871		.0000
115.600	-.3980									.0000	.0000
133.800	-.3996	-.4359	-.4776	-.1603	.0087	.1078	.1625	.1862			.0000
149.100	-.4405									.0000	.0000
180.000	-.4173	-.2714	-.3479	-.2483	-.0383	.0960	.1661	.1862	.1780	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC23X9 TAILCONE (RFJC85)

MACH (1) = .200 BETA (6) = 1.970 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1479	-.1479	-.1433	-.0488	.0210	.1099	.1589	.1734	.1761	.0000	.0000
44.800	-.1448							.1697		.0000	.0000
50.100	-.7468							.1707		.0000	.0000
101.400	-.7184	-.4996	-.4258	-.2231	-.0419	.1027	.1543	.1752	.1797		.0000
115.600	-.3936									.0000	.0000
133.800	-.3990	-.4358	-.4650	-.1440	.0217	.1027	.1580	.1788			.0000
149.100	-.4351									.0000	.0000
180.000	-.3798	-.3060	-.3406	-.2285	-.0319	.0864	.1516	.1707	.1752	.0000	.0000

MACH (1) = .200 BETA (7) = 3.970 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1537	-.1560	-.1460	-.0489	.0233	.1112	.1602	.1711	.1739	.0000	.0000
44.800	-.1498							.1693		.0000	.0000
50.100	-.6750							.1711		.0000	.0000
101.400	-.7035	-.4856	-.4062	-.1945	-.0104	.1039	.1566	.1784	.1802		.0000
115.600	-.3962									.0000	.0000
133.800	-.4124	-.4494	-.4848	-.1475	.0179	.1121	.1630	.1793			.0000
149.100	-.4524									.0000	.0000
180.000	-.3893	-.3215	-.3377	-.2322	-.0451	.0839	.1584	.1739	.1630	.0000	.0000

MACH (1) = .200 BETA (8) = 5.970 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1636	-.1582	-.1528	-.0497	.0210	.1075	.1610	.1747	.1756	.0000	.0000
44.800	-.1582							.1738		.0000	.0000
50.100	-.5976							.1719		.0000	.0000
101.400	-.6738	-.4691	-.3860	-.1697	.0179	.1075	.1501	.1765	.1701		.0000
115.600	-.4114									.0000	.0000
133.800	-.4252	-.4491	-.4660	-.1382	.0241	.1002	.1520	.1674			.0000
149.100	-.4652									.0000	.0000
180.000	-.4052	-.3283	-.3375	-.2452	-.0512	.0802	.1674	.1801	.1520	.0000	.0000

OA176 B26C9PRIM16N28W11GE43F8V8R5TC23X9 TAILCONE (RFJC85)

MACH (1) = .200 BETA (9) = 8.040 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1599	-.1553	-.1476	-.0567	.0156	.0994	.1630	.1803	.1776	.0000	.0000
44.800	-.1538							.1776		.0000	.0000
50.100	-.5159							.1749		.0000	.0000
101.400	-.6376	-.4396	-.3548	-.1460	.0095	.0948	.1467	.1712	.1858		.0000
115.600	-.3949									.0000	.0000
133.800	-.4288	-.4465	-.4265	-.0690	.0102	.0621	.1249	.1639			.0000
149.100	-.4835									.0000	.0000
180.000	-.4357	-.3394	-.3479	-.2624	-.0574	.0685	.1476	.1385	.1003	.0000	.0000

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.531 PO = 2122.2

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1736	-.1705	-.1612	-.0628	-.0012	.0865	.1574	.1810	.1819	.0000	.0000
44.800	-.1666							.1764		.0000	.0000
50.100	-.4759							.1755		.0000	.0000
101.400	-.5952	-.3905	-.2928	-.1005	-.0158	.0430	.1211	.1674	.1837		.0000
115.600	-.3798									.0000	.0000
133.800	-.4390	-.4428	-.3690	-.0497	-.0274	.0184	.0965	.1546			.0000
149.100	-.4998									.0000	.0000
180.000	-.4667	-.3567	-.3590	-.2882	-.0797	.0439	.1356	.1156	.0629	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC86) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 ALPHA (1) = -4.140 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2377	-.2338	-.2184	-.0484	.0172	.0906	.1407	.1635	.0000	.0000	.0000
44.800	-.2361							.1581		.0000	.0000
50.100	-.8119							.1572		.0000	.0000
101.400	-.6882	-.5082	-.4324	-.2222	-.0530	.0824	.1453	.1654	.0000		.0000
115.600	-.4162									.0000	.0000
133.800	-.3884	-.4394	-.5383	-.2331	-.0661	.0587	.1344	.1444			.0000
149.100	-.4139									.0000	.0000
180.000	-.3598	-.2802	-.4038	-.3559	-.1596	.0058	.1261	.1635	.0000	.0000	.0000

MACH (1) = .200 ALPHA (2) = .060 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2003	-.2019	-.1903	-.0437	.0265	.0987	.1351	.1442	.0000	.0000	.0000
44.800	-.2034							.1433		.0000	.0000
50.100	-.8001							.1415		.0000	.0000
101.400	-.7013	-.5106	-.4504	-.2467	-.0691	.0750	.1397	.1597	.0000		.0000
115.600	-.4041									.0000	.0000
133.800	-.3925	-.4365	-.5245	-.2073	-.0452	.0695	.1415	.1533			.0000
149.100	-.4280									.0000	.0000
180.000	-.4010	-.2922	-.3840	-.3084	-.1108	.0395	.1296	.1579	.0000	.0000	.0000

MACH (1) = .200 ALPHA (3) = 4.260 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1977	-.1977	-.1862	-.0613	-.0004	.0812	.1395	.1567	.0000	.0000	.0000
44.800	-.1985							.1567		.0000	.0000
50.100	-.8298							.1558		.0000	.0000
101.400	-.7203	-.5184	-.4606	-.2694	-.0937	.0667	.1422	.1649	.0000		.0000
115.600	-.4012									.0000	.0000
133.800	-.3951	-.4390	-.4999	-.1862	-.0251	.0794	.1440	.1640			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC86)

MACH (1) = .200 ALPHA (3) = 4.260

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4328									.0000	.0000
180.000	-.4151	-.2787	-.3558	-.2633	-.0621	.0667	.1331	.1595	.0000	.0000	.0000

MACH (1) = .200 ALPHA (4) = 8.480 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2140	-.2102	-.2002	-.0773	-.0173	.0692	.1417	.1689	.0000	.0000	.0000
44.800	-.2125							.1653		.0000	.0000
50.100	-.7665							.1671		.0000	.0000
101.400	-.7189	-.5275	-.4730	-.2863	-.1034	.0674	.1481	.1708	.0000		.0000
115.600	-.4115									.0000	.0000
133.800	-.4015	-.4353	-.4761	-.1756	-.0235	.0801	.1490	.1680			.0000
149.100	-.4392									.0000	.0000
180.000	-.4430	-.2509	-.3639	-.2863	-.0765	.0638	.1544	.1780	.0000	.0000	.0000

MACH (1) = .200 ALPHA (5) = 12.690 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2741	-.2756	-.2548	-.0824	-.0368	.0596	.1399	.1791	.0000	.0000	.0000
44.800	-.2725							.1764		.0000	.0000
50.100	-.6382							.1745		.0000	.0000
101.400	-.6946	-.5354	-.4921	-.3035	-.1249	.0660	.1554	.1846	.0000		.0000
115.600	-.4279									.0000	.0000
133.800	-.4155	-.4480	-.4573	-.1751	-.0321	.0751	.1481	.1800			.0000
149.100	-.4418									.0000	.0000
180.000	-.4720	-.2555	-.3699	-.3011	-.0932	.0423	.1435	.1782	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC86)

MACH (1) = .200 ALPHA (6) = 16.960 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL-CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3149	-.3079	-.2840	-.0893	-.0445	.0486	.1434	.1872	.0000	.0000	.0000
44.800	-.3141							.1817		.0000	.0000
50.100	-.5559							.1790		.0000	.0000
101.400	-.6571	-.5374	-.5150	-.3218	-.1372	.0577	.1598	.1881	.0000		.0000
115.600	-.4269									.0000	.0000
133.800	-.4277	-.4655	-.4771	-.1865	-.0537	.0550	.1489	.1772			.0000
149.100	-.4586									.0000	.0000
180.000	-.4740	-.2678	-.3790	-.3234	-.1271	.0085	.1206	.1699	.0000	.0000	.0000

MACH (1) = .200 ALPHA (7) = 21.230 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.3636	-.3629	-.3291	-.0863	-.0610	.0301	.1088	.1612	.0000	.0000	.0000
44.800	-.3552							.1567		.0000	.0000
50.100	-.4939							.1585		.0000	.0000
101.400	-.6150	-.5613	-.5422	-.3161	-.1238	.0564	.1296	.1667	.0000		.0000
115.600	-.4640									.0000	.0000
133.800	-.4671	-.5039	-.5422	-.2334	-.0962	.0211	.1278	.1622			.0000
149.100	-.6310									.0000	.0000
180.000	-.4786	-.3031	-.4341	-.4012	-.2027	-.0439	.1025	.1622	.0000	.0000	.0000

MACH (1) = .200 ALPHA (8) = 25.480 Q(PSF) = 60.546 PO = 2122.0

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.4095	-.4049	-.3630	-.1073	-.0958	-.0158	.0606	.1138	.0000	.0000	.0000
44.800	-.4065							.1093		.0000	.0000
50.100	-.4729							.1102		.0000	.0000
101.400	-.5782	-.6141	-.5896	-.3485	-.1447	.0084	.0786	.1174	.0000		.0000
115.600	-.5729									.0000	.0000
133.800	-.5332	-.5889	-.6568	-.3187	-.1493	-.0068	.0886	.1372			.0000
149.100	-.6118									.0000	.0000
180.000	-.5187	-.3393	-.4965	-.4828	-.2714	-.0933	.0750	.1417	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC87) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2249	-.2257	-.2041	-.0421	.0272	.0968	.1250	.1323	.0000	.0000	.0000
44.800	-.2287							.1314		.0000	.0000
50.100	-.8913							.1268		.0000	.0000
101.400	-.6290	-.5434	-.4948	-.3005	-.1262	.0504	.1359	.1578	.0000		.0000
115.600	-.3892									.0000	.0000
133.800	-.3699	-.4254	-.5288	-.2280	-.0737	.0494	.1377	.1550			.0000
149.100	-.4054									.0000	.0000
180.000	-.4185	-.3136	-.3930	-.3182	-.1177	.0331	.1323	.1623	.0000	.0000	.0000

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2191	-.2199	-.1976	-.0420	.0256	.0975	.1266	.1339	.0000	.0000	.0000
44.800	-.2191							.1330		.0000	.0000
50.100	-.8436							.1321		.0000	.0000
101.400	-.6704	-.5379	-.4778	-.2738	-.1005	.0675	.1366	.1602	.0000		.0000
115.600	-.4001									.0000	.0000
133.800	-.3831	-.4340	-.5279	-.2199	-.0590	.0639	.1393	.1557			.0000
149.100	-.4186									.0000	.0000
180.000	-.4124	-.3061	-.3862	-.3146	-.1144	.0321	.1284	.1593	.0000	.0000	.0000

MACH (1) = .200 BETA (3) = -1.010 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2032	-.2024	-.1854	-.0436	.0234	.0958	.1295	.1395	.0000	.0000	.0000
44.800	-.2032							.1358		.0000	.0000
50.100	-.8222							.1322		.0000	.0000
101.400	-.7011	-.5308	-.4614	-.2610	-.0868	.0703	.1367	.1586	.0000		.0000
115.600	-.4020									.0000	.0000
133.800	-.3882	-.4391	-.5238	-.2147	-.0544	.0667	.1404	.1558			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC87)

MACH (1) = .200 BETA (3) = -1.010

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4236									.0000	.0000
180.000	-.4105	-.3034	-.3805	-.3126	-.1122	.0376	.1286	.1613	.0000	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2049	-.2049	-.1887	-.0436	.0241	.0968	.1296	.1432	.0000	.0000	.0000
44.800	-.2041							.1396		.0000	.0000
50.100	-.7988							.1387		.0000	.0000
101.400	-.7171	-.5196	-.4525	-.2434	-.0722	.0758	.1350	.1614	.0000		.0000
115.600	-.4054									.0000	.0000
133.800	-.3938	-.4409	-.5250	-.2103	-.0467	.0704	.1387	.1550			.0000
149.100	-.4301									.0000	.0000
180.000	-.4070	-.2928	-.3861	-.3121	-.1154	.0403	.1286	.1596	.0000	.0000	.0000

MACH (1) = .200 BETA (5) = .990 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2078	-.2055	-.1886	-.0436	.0234	.0931	.1340	.1395	.0000	.0000	.0000
44.800	-.2063							.1386		.0000	.0000
50.100	-.7707							.1431		.0000	.0000
101.400	-.7236	-.5085	-.4353	-.2287	-.0583	.0785	.1377	.1632	.0000		.0000
115.600	-.4075									.0000	.0000
133.800	-.3990	-.4453	-.5216	-.2040	-.0390	.0749	.1395	.1504			.0000
149.100	-.4345									.0000	.0000
180.000	-.3929	-.2996	-.3875	-.3119	-.1153	.0385	.1295	.1595	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC87)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2020	-.2020	-.1866	-.0451	.0241	.0956	.1320	.1410	.0000	.0000	.0000
44.800	-.2013							.1392		.0000	.0000
50.100	-.7491							.1392		.0000	.0000
101.400	-.7253	-.5052	-.4244	-.2213	-.0497	.0811	.1401	.1637	.0000		.0000
115.600	-.4121									.0000	.0000
133.800	-.4090	-.4537	-.5198	-.2005	-.0328	.0729	.1365	.1492			.0000
149.100	-.4452									.0000	.0000
180.000	-.3921	-.3121	-.3875	-.3113	-.1197	.0339	.1338	.1637	.0000	.0000	.0000

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2039	-.2039	-.1854	-.0405	.0249	.0921	.1258	.1376	.0000	.0000	.0000
44.800	-.2023							.1412		.0000	.0000
50.100	-.7140							.1385		.0000	.0000
101.400	-.7163	-.4844	-.4081	-.2031	-.0451	.0812	.1440	.1676	.0000		.0000
115.600	-.4158									.0000	.0000
133.800	-.4250	-.4620	-.5183	-.1946	-.0236	.0712	.1212	.1376			.0000
149.100	-.4636									.0000	.0000
180.000	-.3896	-.3210	-.3888	-.3225	-.1206	.0276	.1321	.1667	.0000	.0000	.0000

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2124	-.2101	-.1916	-.0444	.0187	.0858	.1240	.1331	.0000	.0000	.0000
44.800	-.2094							.1377		.0000	.0000
50.100	-.6835							.1377		.0000	.0000
101.400	-.7005	-.4599	-.3759	-.1754	-.0220	.0885	.1431	.1722	.0000		.0000
115.600	-.4206									.0000	.0000
133.800	-.4406	-.4707	-.5177	-.1801	-.0120	.0694	.1149	.1568			.0000
149.100	-.4830									.0000	.0000
180.000	-.4106	-.3350	-.4013	-.3397	-.1307	.0221	.1295	.1659	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC87)

MACH (1) = .200 BETA (9) = 8.000 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2187	-.2179	-.2002	-.0535	.0079	.0783	.1209	.1381	.0000	.0000	.0000
44.800	-.2148							.1399		.0000	.0000
50.100	-.6521							.1390		.0000	.0000
101.400	-.6867	-.4446	-.3378	-.1511	-.0043	.0955	.1381	.1672	.0000		.0000
115.600	-.4239									.0000	.0000
133.800	-.4561	-.4838	-.5130	-.1641	-.0012	.0583	.1245	.1662			.0000
149.100	-.5045									.0000	.0000
180.000	-.4369	-.3532	-.4085	-.3524	-.1326	.0202	.1291	.1626	.0000	.0000	.0000

MACH (1) = .200 BETA (10) = 9.990 Q(PSF) = 60.516 PO = 2122.3

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2294	-.2286	-.2102	-.0596	.0010	.0683	.1200	.1372	.0000	.0000	.0000
44.800	-.2248							.1399		.0000	.0000
50.100	-.6197							.1399		.0000	.0000
101.400	-.6697	-.4069	-.3224	-.1395	.0010	.0846	.1436	.1708	.0000		.0000
115.600	-.4223									.0000	.0000
133.800	-.4753	-.4968	-.5129	-.1480	.0002	.0447	.1381	.1708			.0000
149.100	-.5229									.0000	.0000
180.000	-.4599	-.3708	-.4092	-.3539	-.1303	.0184	.1291	.1590	.0000	.0000	.0000

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC88) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPOBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -3.990 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2006	-.2014	-.1875	-.0654	-.0097	.0797	.1408	.1590	.0000	.0000	.0000
44.800	-.2006							.1572		.0000	.0000
50.100	-.9072							.1572		.0000	.0000
101.400	-.6900	-.5562	-.5114	-.3305	-.1628	.0304	.1326	.1608	.0000		.0000
115.600	-.4047									.0000	.0000
133.800	-.3939	-.4472	-.5268	-.2177	-.0600	.0587	.1326	.1545			.0000
149.100	-.4209									.0000	.0000
180.000	-.4055	-.3236	-.3545	-.2640	-.0746	.0605	.1371	.1654	.0000	.0000	.0000

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.1978	-.1993	-.1847	-.0675	-.0043	.0812	.1395	.1595	.0000	.0000	.0000
44.800	-.1993							.1586		.0000	.0000
50.100	-.8768							.1567		.0000	.0000
101.400	-.7173	-.5407	-.4906	-.3018	-.1261	.0521	.1413	.1586	.0000		.0000
115.600	-.4074									.0000	.0000
133.800	-.3912	-.4398	-.5099	-.1970	-.0436	.0676	.1404	.1567			.0000
149.100	-.4259									.0000	.0000
180.000	-.4244	-.3033	-.3558	-.2502	-.0621	.0612	.1367	.1595	.0000	.0000	.0000

MACH (1) = .200 BETA (3) = -.990 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2026	-.2019	-.1910	-.0714	-.0074	.0759	.1396	.1597	.0000	.0000	.0000
44.800	-.2003							.1569		.0000	.0000
50.100	-.8539							.1569		.0000	.0000
101.400	-.7413	-.5345	-.4804	-.2937	-.1146	.0622	.1396	.1615	.0000		.0000
115.600	-.4056									.0000	.0000
133.800	-.3994	-.4426	-.5044	-.1949	-.0336	.0750	.1460	.1615			.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC88)

MACH (1) = .200 BETA (3) = -.990

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4303									.0000	.0000
180.000	-.4210	-.2844	-.3593	-.2636	-.0629	.0722	.1414	.1679	.0000	.0000	.0000

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2050	-.2073	-.1896	-.0684	-.0058	.0768	.1415	.1588	.0000	.0000	.0000
44.800	-.2073							.1588		.0000	.0000
50.100	-.8411							.1597		.0000	.0000
101.400	-.7554	-.5269	-.4621	-.2729	-.0938	.0659	.1442	.1688	.0000		.0000
115.600	-.4057									.0000	.0000
133.800	-.4019	-.4443	-.4976	-.1865	-.0267	.0777	.1461	.1661			.0000
149.100	-.4389									.0000	.0000
180.000	-.4266	-.2853	-.3563	-.2660	-.0637	.0686	.1415	.1670	.0000	.0000	.0000

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2062	-.2077	-.1938	-.0652	-.0058	.0812	.1385	.1594	.0000	.0000	.0000
44.800	-.2046							.1576		.0000	.0000
50.100	-.7986							.1567		.0000	.0000
101.400	-.7640	-.5120	-.4512	-.2562	-.0813	.0767	.1449	.1685	.0000		.0000
115.600	-.4034									.0000	.0000
133.800	-.3995	-.4419	-.4951	-.1746	-.0151	.0839	.1485	.1685			.0000
149.100	-.4357									.0000	.0000
180.000	-.4065	-.2786	-.3641	-.2740	-.0675	.0667	.1449	.1685	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC88)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2135	-.2089	-.1958	-.0674	-.0051	.0747	.1365	.1601	.0000	.0000	.0000
44.800	-.2112							.1555		.0000	.0000
50.100	-.7605							.1555		.0000	.0000
101.400	-.7582	-.5082	-.4382	-.2458	-.0643	.0820	.1419	.1701	.0000		.0000
115.600	-.4020									.0000	.0000
133.800	-.4082	-.4405	-.4812	-.1674	-.0081	.0865	.1465	.1682			.0000
149.100	-.4458									.0000	.0000
180.000	-.3843	-.3135	-.3643	-.2581	-.0674	.0620	.1347	.1592	.0000	.0000	.0000

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2169	-.2154	-.2007	-.0698	-.0066	.0757	.1376	.1603	.0000	.0000	.0000
44.800	-.2138							.1603		.0000	.0000
50.100	-.6891							.1585		.0000	.0000
101.400	-.7384	-.4934	-.4203	-.2138	-.0390	.0876	.1412	.1685	.0000		.0000
115.600	-.4010									.0000	.0000
133.800	-.4203	-.4534	-.4957	-.1630	-.0043	.0885	.1448	.1594			.0000
149.100	-.4626									.0000	.0000
180.000	-.3987	-.3286	-.3517	-.2546	-.0728	.0576	.1357	.1639	.0000	.0000	.0000

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2196	-.2219	-.1989	-.0720	-.0097	.0720	.1328	.1564	.0000	.0000	.0000
44.800	-.2158							.1582		.0000	.0000
50.100	-.6118							.1573		.0000	.0000
101.400	-.7103	-.4834	-.4003	-.1919	-.0135	.0956	.1355	.1609	.0000		.0000
115.600	-.4196									.0000	.0000
133.800	-.4319	-.4573	-.4803	-.1566	.0010	.0847	.1364	.1582			.0000
149.100	-.4726									.0000	.0000
180.000	-.4157	-.3342	-.3573	-.2688	-.0750	.0575	.1410	.1709	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC88)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2320	-.2305	-.2089	-.0728	-.0158	.0639	.1310	.1528	.0000	.0000	.0000
44.800	-.2282							.1510		.0000	.0000
50.100	-.5290							.1528		.0000	.0000
101.400	-.6675	-.4582	-.3728	-.1705	-.0074	.0875	.1383	.1674	.0000		.0000
115.600	-.4036									.0000	.0000
133.800	-.4375	-.4613	-.4590	-.1089	.0164	.0602	.1265	.1637			.0000
149.100	-.4898									.0000	.0000
180.000	-.4428	-.3474	-.3628	-.2897	-.0797	.0484	.1310	.1592	.0000	.0000	.0000

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.493 PO = 2122.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2435	-.2435	-.2220	-.0758	-.0235	.0566	.1174	.1483	.0000	.0000	.0000
44.800	-.2405							.1483		.0000	.0000
50.100	-.4774							.1474		.0000	.0000
101.400	-.6221	-.4005	-.3097	-.1166	-.0135	.0402	.1020	.1528	.0000		.0000
115.600	-.3859									.0000	.0000
133.800	-.4451	-.4513	-.4051	-.0574	-.0281	.0230	.0884	.1401			.0000
149.100	-.5059									.0000	.0000
180.000	-.4697	-.3620	-.3728	-.3005	-.0951	.0221	.1120	.1510	.0000	.0000	.0000

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC89) (12 DEC 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0405

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDBRK = .000 BDFLAP = -11.700
SIM = 4.000

MACH (1) = .200 BETA (1) = -4.000 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2100	-.2116	-.2000	-.0798	-.0289	.0658	.1394	.1722	.0000	-.2024	-.2024
44.800	+.2131							.1676		-.2033	-.2024
50.100	-.8350							.1631		-.2042	-.2024
101.400	-.6670	-.5414	-.5136	-.3480	-.1831	.0057	.1221	.1540	.0000		-.2024
115.600	-.4273									-.2069	-.2024
133.800	-.4166	-.4651	-.5229	-.2085	-.0505	.0503	.1231	.1503			-.2024
149.100	-.4235									-.2042	-.2024
180.000	-.3695	-.3156	-.3349	-.2347	-.0582	.0585	.1422	.1713	.0000	-.2033	-.2024

MACH (1) = .200 BETA (2) = -2.000 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2221	-.2175	-.2051	-.0835	-.0228	.0611	.1420	.1747	.0000	-.2094	-.2067
44.800	-.2228							.1692		-.2094	-.2067
50.100	-.7746							.1692		-.2094	-.2067
101.400	-.6815	-.5445	-.5045	-.3244	-.1420	.0375	.1401	.1647	.0000		-.2067
115.600	-.4237									-.2067	-.2067
133.800	-.4098	-.4499	-.4906	-.1805	-.0320	.0639	.1374	.1610			-.2067
149.100	-.4198									-.2067	-.2067
180.000	-.4576	-.2790	-.3675	-.2952	-.0882	.0484	.1520	.1783	.0000	-.2058	-.2067

MACH (1) = .200 BETA (3) = -1.000 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2245	-.2238	-.2092	-.0818	-.0250	.0619	.1371	.1724	.0000	-.2134	-.2161
44.800	-.2230							.1697		-.2134	-.2161
50.100	-.7280							.1688		-.2143	-.2161
101.400	-.6827	-.5323	-.4862	-.3067	-.1255	.0037	.1443	.1733	.0000		-.2161
115.600	-.4218									-.2125	-.2161
133.800	-.4080	-.4417	-.4694	-.1762	-.0273	.0746	.1452	.1706			-.2161

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC89)

MACH (1) = .200 BETA (3) = -1.000

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
149.100	-.4279									-.2115	-.2161
180.000	-.4617	-.2591	-.3565	-.2829	-.0810	.0583	.1524	.1823	.0000	-.2115	-.2161

MACH (1) = .200 BETA (4) = .000 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2275	-.2290	-.2137	-.0794	-.0265	.0664	.1406	.1714	.0000	-.2205	-.2205
44.800	-.2275							.1678		-.2205	-.2205
50.100	-.6839							.1705		-.2196	-.2205
101.400	-.6747	-.5336	-.4822	-.2942	-.1117	.0673	.1524	.1804	.0000		-.2205
115.600	-.4170									-.2187	-.2205
133.800	-.4039	-.4377	-.4607	-.1792	-.0265	.0790	.1551	.1750			-.2205
149.100	-.4339									-.2187	-.2205
180.000	-.4661	-.2421	-.3640	-.2919	-.0833	.0573	.1533	.1804	.0000	-.2178	-.2205

MACH (1) = .200 BETA (5) = .980 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2330	-.2345	-.2130	-.0821	-.0266	.0639	.1366	.1730	.0000	-.2250	-.2241
44.800	-.2315							.1730		-.2232	-.2241
50.100	-.6450							.1721		-.2250	-.2241
101.400	-.6658	-.5226	-.4710	-.2792	-.0967	.0766	.1548	.1821	.0000		-.2241
115.600	-.4171									-.2250	-.2241
133.800	-.4070	-.4394	-.4687	-.1768	-.0251	.0830	.1621	.1811			-.2241
149.100	-.4409									-.2268	-.2241
180.000	-.4455	-.2623	-.3678	-.2877	-.0805	.0566	.1502	.1811	.0000	-.2223	-.2241

OA176 B26C9PRIM16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC89)

MACH (1) = .200 BETA (6) = 1.980 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2418	-.2364	-.2187	-.0822	-.0243	.0594	.1386	.1750	.0000	-.2271	-.2308
44.800	-.2364							.1723		-.2308	-.2308
50.100	-.6312							.1714		-.2289	-.2308
101.400	-.6567	-.5148	-.4593	-.2626	-.0799	.0831	.1568	.1832	.0000		-.2308
115.600	-.4091									-.2271	-.2308
133.800	-.4138	-.4439	-.4778	-.1801	-.0274	.0858	.1641	.1796			-.2308
149.100	-.4539									-.2308	-.2308
180.000	-.4068	-.2912	-.3721	-.2927	-.0899	.0485	.1514	.1778	.0000	-.2335	-.2308

MACH (1) = .200 BETA (7) = 3.980 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2510	-.2503	-.2272	-.0796	-.0273	.0593	.1355	.1663	.0000	-.2382	-.2355
44.800	-.2472							.1672		-.2391	-.2355
50.100	-.5831							.1681		-.2400	-.2355
101.400	-.6384	-.4970	-.4286	-.2241	-.0435	.0992	.1581	.1817	.0000		-.2355
115.600	-.4078									-.2400	-.2355
133.800	-.4201	-.4532	-.4901	-.1603	.0018	.1001	.1663	.1772			-.2355
149.100	-.4578									-.2391	-.2355
180.000	-.3709	-.3348	-.3363	-.2464	-.0542	.0593	.1418	.1699	.0000	-.2373	-.2355

MACH (1) = .200 BETA (8) = 5.980 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2541	-.2564	-.2326	-.0819	-.0304	.0647	.1373	.1699	.0000	-.2509	-.2482
44.800	-.2534							.1727		-.2500	-.2482
50.100	-.5086							.1718		-.2500	-.2482
101.400	-.6062	-.4847	-.4171	-.2103	-.0320	.1073	.1690	.1917	.0000		-.2482
115.600	-.4194									-.2518	-.2482
133.800	-.4271	-.4578	-.4924	-.1534	.0125	.1046	.1681	.1863			-.2482
149.100	-.4655									-.2500	-.2482
180.000	-.3625	-.3195	-.3272	-.2426	-.0581	.0620	.1473	.1745	.0000	-.2482	-.2482

OA176 B26C9PR1M16N28W116E43F8V8R5TC19X9 TAILCONE (RFJC89)

MACH (1) = .200 BETA (9) = 7.980 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2728	-.2728	-.2443	-.0815	-.0313	.0586	.1387	.1688	.0000	-.2646	-.2637
44.800	-.2690							.1724		-.2628	-.2637
50.100	-.4611							.1715		-.2655	-.2637
101.400	-.5753	-.4904	-.4218	-.2018	-.0259	.1096	.1733	.1989	.0000		-.2637
115.600	-.4302									-.2646	-.2637
133.800	-.4465	-.4727	-.4951	-.1501	.0134	.1023	.1606	.1861			-.2637
149.100	-.4843									-.2637	-.2637
180.000	.3863	-.3230	-.3361	-.2559	-.0637	.0622	.1478	.1760	.0000	-.2628	-.2637

MACH (1) = .200 BETA (10) = 10.000 Q(PSF) = 60.585 PO = 2119.1

SECTION (1)TAIL CONE DEPENDENT VARIABLE CP

X/L	.99700	1.01700	1.05500	1.09400	1.13300	1.17100	1.21000	1.23400	1.23500	1.28000	1.28700
PHI											
.000	-.2817	-.2794	-.2509	-.0850	-.0342	.0529	.1309	.1671	.0000	-.2689	-.2671
44.800	-.2755							.1699		-.2708	-.2671
50.100	-.4277							.1717		-.2680	-.2671
101.400	-.5453	-.4799	-.4016	-.1810	-.0050	.1109	.1653	.1871	.0000		-.2671
115.600	-.4407									-.2699	-.2671
133.800	-.4600	-.4738	-.4807	-.1403	.0233	.0846	.1590	.1908			-.2671
149.100	-.4991									-.2680	-.2671
180.000	-.4507	-.3593	-.3378	-.2540	-.0650	.0511	.1454	.1753	.0000	-.2699	-.2671

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