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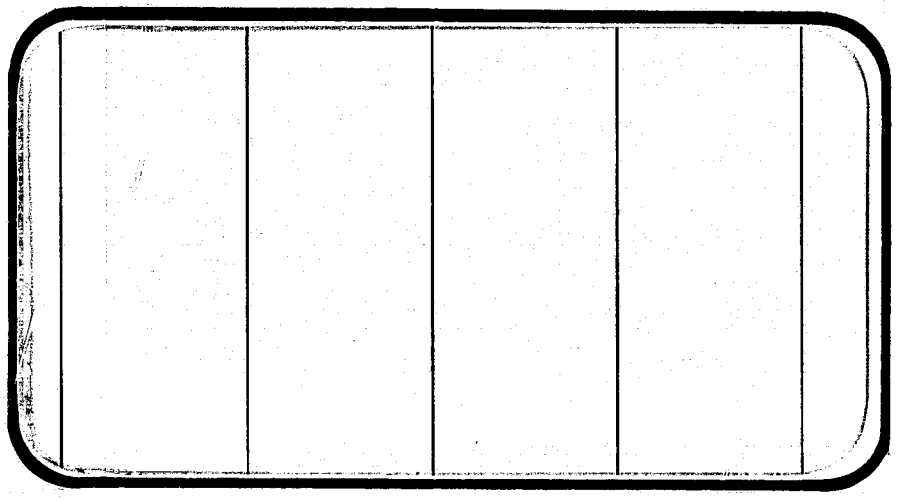

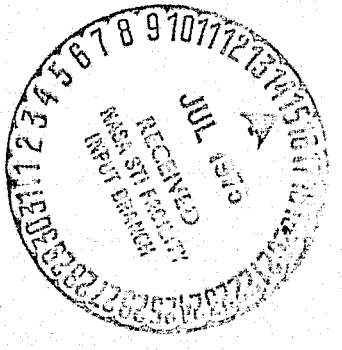

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

June, 1975

DMS-DR-2209
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RESULTS OF A SPACE SHUTTLE VEHICLE FERRY CONFIGURATION AFTERBODY FAIRING OPTIMIZATION STUDY USING A 140A/B 0.0405-SCALE MODEL ORBITER (43-0) IN THE ROCKWELL INTERNATIONAL 7.75 X 11.0 FT LOW SPEED WIND TUNNEL (OA124)

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 TEST SPECIFICS:

Test Number: NAAL 736
NASA Series Number: OA124
Model Number: 43-0
Test Dates: 11 October through 22 October 1974
Occupancy Hours: 60

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

RESULTS OF A SPACE SHUTTLE VEHICLE FERRY CONFIGURATION AFTERBODY FAIRING OPTIMIZATION STUDY USING A 140A/B 0.0405-SCALE MODEL ORBITER (43-0) IN THE ROCKWELL INTERNATIONAL 7.75 X 11.0 FT LOW SPEED WIND TUNNEL (OA124)

By

S. R. Houlihan, Rockwell International Space Division

ABSTRACT

Experimental aerodynamic investigations were conducted on a dual-strut mounted 0.0405-scale representation of the 140A/B outer mold line Space Shuttle Orbiter Vehicle in the Rockwell International 7.75 x 11.0 ft low speed wind tunnel (NAAL). Tests were conducted during the time period from 11 Oct. 1974 through 22 Oct. 1974. The facility test number was NAAL 736 and the NASA designation for this test period was OA124.

The primary test objective was to investigate aerodynamic stability and control characteristics of the SSV ferry configuration. Test objectives were accomplished by testing four afterbody fairing configurations and various additions to them in the form of horizontal and ventral fins strakes and other aerodynamic protuberances. Base line data on the basic Orbiter with MPS nozzles and bodyflap were recorded. A secondary test objective was to increase the drag of the optimum ferry configuration to the level of the basic Orbiter for possible flight test configurations. This was accomplished by the addition of two sizes of perforated speed brakes on the tail cone surface.

The tail cones tested consisted of the TC_3 beavertail and the TC_4 long bumblebee fairings and modifications of each of these to raise the trailing edge 40 inches (TC_7 and TC_8, respectively). This modification was accomplished by cutting the tail cones at station 1600 and recontouring the tail cone aft of this section.

Aerodynamic force and moment data were measured in the stability axis system by the NAAL Planar balance. The model was dual-strut mounted from the wing tips. The model center of pitch rotation was at the main landing gear wheel axis. Tare drag on the struts was minimized by windshields that extended from the floor of the tunnel to within 6 inches of the model. Strut tares were accomplished by recording the aerodynamic loads on the exposed struts without the model.

The nominal angle of attach range was -2° to +18° with yaw polars recorded over the sideslip angle range of ±20° at angles of attack of 0°, 4°, 8°, 12°, and 16°. Elevon deflections of 0° and 10°, speed brake angles of 0°, 25°, and 85° and bodyflap angles of 0, -11.7 and +16.3° were tested.

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PLOTTED COEFFICIENT SCHEDULE:

(A) CLF, CDF, CN, CLM, CAF, CAB, CA, CD, CL, XCP/L, L/DF, L/D versus ALPHA; CLF versus CLM; CLF versus CDF; CL versus CD; CL versus CLM

(B) CY, CBL, CYN versus BETA

NOMENCLATURE
General

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

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

Symbol	Plot Symbol	Definition
$A_{B_{1\rightarrow 11}}$		area of influence, base pressures 1→11
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient, $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$ for configurations without afterbody, C_A for configurations with afterbody
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
		Stability-Axis System
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_B}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_F}	CDF	forebody drag coefficient; $\frac{\text{forebody drag}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$

NOMENCLATURE (Continued)

C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}
A_B		model base area, Ft^2
C_{D_S}		strut interference drag tare
C_{D_U}		planar balance uncorrected drag output
C_{D_τ}		model weight tare drag force coefficient
CL_F	CLF	forebody lift coefficient
ELRV-L	ELV-L	left wing inboard and outboard elevon deflection angle, degrees
ELEV-R	ELV-R	right wing inboard and outboard elevon deflection angle, degrees
$P_{B_{1...11}}$		base pressure at tap locations 1...11, respectively, psia
X_{cp}/ℓ	XCP/L	model longitudinal center of pressure location, fraction of Orbiter body length

NOMENCLATURE (Concluded)

δ_a	AILRON	aileron deflection, degrees
δ_{BF}	BDFLAP	bodyflap deflection, degrees
δ_e	ELEVON	elevon deflection, degrees
δ_R	RUDDER	rudder deflection, degrees
δ_{SB}	SPDBRK	speed brake deflection, degrees
δ_H	DHORIZ	horizontal fin deflection, degrees

CONFIGURATION INVESTIGATED

The model tested during test period OA124 was a 0.0405-scale representation of the 140A/B Space Shuttle Vehicle outer mold line configuration. The basic model was of the blended wing-body design utilizing a double-delta wing ($75°/45°\Lambda_{LE}$), full span, dual panel elevons with unswept hinge-line and 6 inch gaps, a centerline vertical tail with rudder and/or speed brake deflection capability, a canopy, a bodyflap and an orbital maneuvering system (OMS pods). The OMS pods were mounted on the aft fuselage sidewalls adjacent to the vertical tail. The OMS pods used during this test were the 140C short OMS.

Four afterbody fairings were tested on the basic 140A/B fuselage (B_{26}). These tail cones and the modifications to them are described in the Dimensional Data. The nomenclature used to identify the model components tested is listed below.

Components

B_{26}	Basic 140A/B Orbiter fuselage
B_{50}	140A/B Orbiter fuselage with simulated MPS nozzles
C_9	140A/B Orbiter canopy
F_8	140A/B Orbiter bodyflap
M_{16}	140C short OMS pods
N_{28}	140A/B and 140C OMS pod nozzles
W_{116}	140A/B Orbiter double delta wing

CONFIGURATIONS INVESTIGATED (Continued)

E_{43}	140A/B Orbiter dual panel elevons with 6 inch gaps
V_8	140A/B Orbiter centerline vertical tail
R_5	140A/B Orbiter solid panel rudder
TC_3	Boeing beavertail afterbody fairing (X_3)
TC_4	Long bumblebee afterbody fairing (X_{3B})
TC_7	TC_3 with portion aft of station 1600 cut and rotated to raise trailing edge 40 inches full scale
TC_8	TC_4 with portion aft of station 1600 refaired to raise trailing edge 40 inches full scale
TC_9	TC_8 with small horizontal and small ventral fin
TC_{10}	TC_8 with large horizontal and large ventral fin
TC_{11}	TC_8 with large horizontal fin
TC_{12}	TC_8 with large horizontal and chine strips (1/4" x 1/8" modelscale) on lower corners of fairing
TC_{13}	TC_7 with large ventral fin added on lower centerline
TR_1	1/4" x 1/4" (model scale) strip across bottom of tail cone at station 1520. Used on TC_{10}
TR_2	1/4" x 1/4" (model scale) strip across bottom of tail cone at station 1625. Used on TC_8 and TC_{11}
TR_3	1/4" x 1/2" high (model scale) strip across bottom of tail cone TC_{11} at station 1625
TR_4	1/4" x 1/2" high (model scale) strip across bottom of tail cone TC_{13} at station 1625
CH_1	1/4" x 1/2" high (model scale) chine strips on lower corners of TC_{12} extending from station 1530 to 1875

CONFIGURATIONS INVESTIGATED (Concluded)

CH_2	1/4" x 1/8" high strips perpendicular to FRL at station 1785 on TC_{11} extending from lower corner to top centerline of OMS pod fairing
DB_1	.7" high drag inducers used on top and sides of TC_{11} at station 1575. 4 1/2" long on sides and 2" long on top. Each piece has two rows of 1/4" holes on 1/2" centers
DB_2	.35" high drag inducers used on top and sides of TC_{11} at station 1575. 4 1/2" long on sides and 2" long on top. Each piece has one row of 1/4" holes on 1/2" centers.
X_9	Grit located on model nose and all swept surfaces to provide forced boundary layer transition

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

The aerodynamic force and moment data presented in this report were measured by the NAAL external planar balance. The data have been corrected for model blockage influence on tunnel dynamic pressure, wall interference effects on model aerodynamic characteristics, model support strut interference, and model weight tare. All aerodynamic data recorded with the ferry configuration afterbodies removed have been corrected for model base area pressure drag effects. No base drag corrections were applied to data taken on configurations with afterbodies attached.

The corrections made to axial force were accomplished in the following manner:

$$C_{D_F} = C_{D_U} - C_{D_B} - C_{D_S} - C_{D_\tau}$$

where

C_{D_U} = Planar balance uncorrected drag output

$$C_{D_B} = \left(\frac{P_{B_i} - P_\infty}{q}\right)\left(\frac{A_{B_i}}{S}\right) \cos \alpha, \quad i = 1 \rightarrow 11$$

C_{D_S} = strut interference drag tare

C_{D_τ} = model weight tare

All other aforementioned corrections to the aerodynamic data were applied utilizing standard low speed wind tunnel methods.

The following reference dimensions and constants are used for reducing all aerodynamic data to coefficient form:

Symbol	Definition		Value
A_{B1}	Area of influence, base pressure	#1, ft^2	.02813

DATA REDUCTION (Concluded)

A_{B2}	Area of influence, base pressure	#2, ft^2	.06614
A_{B3}	Area of influence, base pressure	#3, ft^2	.08211
A_{B4}	Area of influence, base pressure	#4, ft^2	.06361
A_{B5}	Area of influence, base pressure	#5, ft^2	.05157
A_{B6}	Area of influence, base pressure	#6, ft^2	.03435
A_{B7}	Area of influence, base pressure	#7, ft^2	.04583
A_{B8}	Area of influence, base pressure	#8, ft^2	.04282
A_{B9}	Area of influence, base pressure	#9, ft^2	.06601
A_{B10}	Area of influence, base pressure	#10, ft^2	.07014
A_{B11}	Area of influence, base pressure	#11, ft^2	.14028
S	Area of wing, ft^2		4.4120
XMRP	Center of gravity, fus. sta.		43.5974
ZMRP	Center of gravity, waterplane		15.1875
LB	Length Orbiter fuselage, in.		52.2570
$\bar{c}$ (LREF)	Wing MAC, in.		19.2300
b (BREF)	Wing span, in.		37.9360

TABLE I.

TEST : 0A124 NAAL 731 DATE : 10/30/74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.26	1.85×10^6/ft	100 lbs/ft^2	90° to 120°F

BALANCE UTILIZED: NAAL Planar Balance

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS:

TABLE II.

TEST: OA124 NAAL 736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH NUMBERS .26	COMMENTS	TEST RUN NUMBERS
REB001	①+F8 N28	A	O	-11.7°	0	25°	—		1	1		
002		0	F							2		
003		4	|							3		
004		8	|							4		
005		12	|							5		
006		16	↓		↓					6		
007		A	O		+10°					7		
008		8	F	↓	+10°					8		
009		A	O	+16.3°	0°					9		
010		8	F	↓	↓	↓				10		
011		A	O	-11.7°	|	0°				11		
012		8	F	|	|	↓				12		
013		A	O	|	|	85°				13		
014	↓	8	F	↓	↓	↓				14		
015	②+TC4	A	O	—	|	25°				15		
016	↓	8	F	|	|	|				16		
017	②+TC8	A	O	|	|	|				17		
↓ 018	↓	8	F	↓	↓	↓	↓		↓	18		

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

CL | CDF | CLM | CN | CAF | CYN | CBL | CY | XCP/L | CAB | MACH | ALPHA

α OR β SCHEDULES: α(A) -2° TO +18° Δα=2 — COEFFICENTS: R(F) ±20, ±15, ±10, ±5, ±2.5, 0

		IDVAR (1)	IDVAR (2)	NDV
①=B50C9	M16	W116 E43	V8 R5	X9
②=B26C9	M16	W116 E43	V8 R5	X9

TABLE II. - Continued.

TEST: OA124 NAAL736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{BF}	δ_e	δ_{SB}	δ_H	MISC.	NO. OF RUNS	MACH NUMBERS .26	COMMENTS
RFB019	② +TC9	A	O	—	0°	25°	-16°		1	19	
020	↓	B	F	↓	↓	↓	↓		↓	20	
021	② +TC10	A	O							21	
022		B	F							22	DATA NO GOOD
023		B	F							23	
024		A	O							24	
025		B	F							25	
027		A	O					TR1		27	TRIP FORWARD
028		B	F					↓		28	
029		A	O					TR2		29	TRIP AFT
030	↓	B	F				↓			30	
031	② +TC8	A	O				—			31	
032	↓	B	F				—			32	
033	② +TC11	A	O				7°			33	
034		B	F				↓			34	
035		A	O				-20°			35	
036		B	F							36	
039	↓	O	F	↓	↓	↓	↓	↓	↓	39	

TEST RUN NUMBERS

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

α OR β SCHEDULES

α(A) -2° TO +18° Δα = 2° COEFFICENTS
β(F) ±20, ±15, ±10, ±5, ±2.5, 0

		IDVAR (1)	IDVAR (2)	NDV
① = B50C9	M16	W116	E43V8R5	X9
② = B26C9	M16	W116	E43V8R5	X9

TABLE II. - Continued.

TEST: OA124 NAAL736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH .26	COMMENTS
RFB040	(2) + TC11	4	F	—	0°	25°	-20	TR2	1	40	
041	↓	8	↓	↓	↓	↓	↓	↓	↓	41	REPEAT OF 36
042	↓	12	↓	↓	↓	↓	↓	↓	↓	42	
043	↓	16	↓	↓	↓	↓	↓	↓	↓	43	
044	(2) + TC10	0	↓	↓	↓	↓	↓	↓	↓	44	
045	↓	4	↓	↓	↓	↓	↓	↓	↓	45	
046	(2) + TC12	0	↓	↓	↓	↓	↓	CH1	↓	46	
047	↓	4	↓	↓	↓	↓	↓	↓	↓	47	
048	↓	8	↓	↓	↓	↓	↓	↓	↓	48	
049	(2) + TC11	0	↓	↓	↓	↓	↓	TR3	↓	49	
050	↓	4	↓	↓	↓	↓	↓	↓	↓	50	
051	↓	8	↓	↓	↓	↓	↓	↓	↓	51	
052	↓	12	↓	↓	↓	↓	↓	↓	↓	52	
053	↓	A	0	↓	↓	↓	↓	↓	↓	53	
054	↓	0	F	↓	↓	↓	↓	CH2	↓	54	
055	↓	4	↓	↓	↓	↓	↓	↓	↓	55	
056	↓	8	↓	↓	↓	↓	↓	↓	↓	56	
057	↓	A	0	↓	↓	↓	↓	DB1	↓	57	

TEST RUN NUMBERS

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

α OR β SCHEDULES: α(A) -2° TO +18° Δα = 2°; β(F) ±20, ±15, ±10, ±5, ±2.5, 0

COEFFICENTS

		IDVAR (1)	IDVAR (2)	NDV
(1) = B50C9	M16 W116 E43	V8	R5	X9
(2) = B26C9	M16 W116 E43	V8	R5	X9

TABLE II. - Continued.

TEST: OA124 NAAL736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES ε_{BF}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH NUMBERS .26	COMMENTS	TEST RUN NUMBERS
RFB058	② + TC11	0	F	—	0°	25°	-20°	DB1	1	58		
059		4								59		
060		8								60		
061		12								61		
062		16	↓					↓		62		
063		A	O					DB2		63		
064		0	F							64		
065		4								65		
066		8								66		
067		12								67		
068		16	↓			↓		↓		68		
069		A	O			0°		TR3		69		
070		0	F							70		
071		4								71		
072		8								72		
073		12								73		
074		16	↓			↓		↓		74		
075	↓	A	O	↓	↓	85°	↓	↓	↓	75		

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

α OR β SCHEDULES: α(A) -2° TO +18° Δα = 2° — β(F) ±20, ±15, ±10, ±5, ±2.5, 0

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

① = B50 C9 M16 W116 E43 V8R5 X9

② = B26 C9 M16 W116 E43 V8R5 X9

TABLE II. - Continued.

TEST: OA124 NAL TR6 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH NUMBERS .26	COMMENTS
RFB076	② + TC11	0	F	—	0°	85°	-20°	TR3	1	76	
077	↓	8	F	↓	↓	↓	↓	↓	↓	77	
078	② + F8 TC11	A	O	+1.63	↓	25°	↓	↓	↓	78	
079	↓	O	F	↓	↓	↓	↓	↓	↓	79	
080	↓	8	F	↓	↓	↓	↓	↓	↓	80	
081	② + TC11	A	O	—	+10°	↓	↓	↓	↓	81	
082	↓	O	F	↓	↓	↓	↓	↓	↓	82	
083	↓	4	↓	↓	↓	↓	↓	↓	↓	83	
084	↓	8	↓	↓	↓	↓	↓	↓	↓	84	
085	↓	12	↓	↓	↓	↓	↓	↓	↓	85	
086	↓	16	↓	↓	↓	↓	↓	↓	↓	86	
087	② + TC3	A	O	↓	0°	↓	—	—	↓	87	
088	↓	O	F	↓	↓	↓	↓	↓	↓	88	
089	↓	4	↓	↓	↓	↓	↓	↓	↓	89	
090	↓	8	↓	↓	↓	↓	↓	↓	↓	90	
091	↓	12	↓	↓	↓	↓	↓	↓	↓	91	
092	↓	16	↓	↓	↓	↓	↓	↓	↓	92	
093	② + TC7	A	O	↓	↓	↓	↓	↓	↓	93	

TEST RUN NUMBERS

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

α OR β SCHEDULES: α(A) −2° TO +18° Δα = 2° — β(F) ±20, ±15, ±10, ±5, ±2.5, 0

COEFFICENTS

		IDVAR (1)	IDVAR (2)	NDV
①	= B50 C9 M16	W116 E43	V8 K5	X9
②	= B26 C9 M16	W116 E43	V8 K5	X9

TABLE II. - Continued.

TEST: OA124 NAAL736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{BE}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH NUMBERS .26	COMMENTS	TEST RUN NUMBERS
RFB094	② + TC7	0	F	—	0°	25°	—	—	1	94		
095		4								95		
096		8								96		
097		12								97		
098		16								98		
099	② + TC13	0								99		
100		4								100		
101		8								101		
102		0						TR4		102		
103		4								103		
104		8								104		
105		12								105		
106		16								106		
107		A	0							107		
110	② + F8 TC11	A	0	0°				—		110		
111		0	F							111		
112		4								112		
113		8								113		

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

α OR β SCHEDULES: α(A) −2° TO +18° Δα = 2°; β(F) ±20, ±15, ±10, ±5, ±25, 0

COEFFICENTS: ① = B50C9; ② = B26C9

	IDVAR (1)	IDVAR (2)	NDV
① = B50C9	M16 W116	E43 V8 R5	X9
② = B26C9	M16 W116	E43 V8 R5	X9

TABLE II. - Concluded.

TEST: OA124 NAAL736 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 10/30/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_e	δ_{SB}	δ_H	MISC	NO. OF RUNS	MACH NUMBERS .26	COMMENTS
RFB114	② + F8 TC11	12	F	0°	0°	25°	—	—	1	114	
115	↓	16	↑	↓	↓	↓	↓	—	↓	115	
116		A	O					DBI		116	
117		O	F					↓		117	
118		4	|							118	
119		8	|							119	
120		12	|							120	
121	↓	16	↓	↓	↓	↓	↓	↓	↓	121	

TEST RUN NUMBERS

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

α OR β SCHEDULES

COEFFICENTS

α (A) -2° TO +18° Δα=2°

β (F) ±20, ±15, ±10, ±5, ±2.5, 0

① = B50 C9 M16 W116 E43 V85 X9

② = R26 C9 M16 W116 E43 V85 X9

IDVAR (1) IDVAR (2) NDV

TABLE III (MODEL DIMENSIONAL DATA)

MODEL COMPONENT : BODY - B_{26}

GENERAL DESCRIPTION : Configuration 140A/B orbiter fuselage.

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

MODEL SCALE: 0.0405 MODEL DWG: SS-A00147, Release 12

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

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

TABLE III (CONT'D)

MODEL COMPONENT : BODY - B50

GENERAL DESCRIPTION : Orbiter fuselage configuration 140A/B with simulated MPS nozzles.

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000140A/B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (Body nose @ X_o=238.0), In.	1290.30	52.257
Max Width (@ X_o = 1520 In.)	262.00	10.611
Max Depth (@ X_o = 1464 In.)	250.00	10.125
Fineness Ratio	4.925	4.925
Area - Ft^3		
Max. Cross-Sectional	340.88	0.559
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT : CANOPY - C_9

GENERAL DESCRIPTION : Configuration 140A/B orbiter canopy

Canopy used with fuselage B_{26}.

MODEL SCALE: 0.0405 MODEL DWG: SS-A00147, REL. 12

DRAWING NUMBER : VL70-000143A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o=434.643 to 578), In.	143.357	5.806
Max Width (.@ X_o = 513.127), In.	152.412	6.173
Max Depth (@ X_o = 485.), In.	25.000	1.013
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT: CHINE -- CH_1

GENERAL DESCRIPTION: 1/4 x 1/8" high (model scale) chine strips on lower corners at TC_{12} extending from Station 1530 to 1875.

MODEL SCALE: 0.0405

DRAWING NO.: SS_4-A01460

TABLE III (CONT'D)

MODEL COMPONENT: CHINE STRIP - CH_2

GENERAL DESCRIPTION: 1/4 x 1/8" high strips perpencidular to FRL at Station 1785 on TC_{11} extending from lower corner to top centerline of OMS pod fairing.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: DRAG INDUCER - DB_1

GENERAL DESCRIPTION: 0.7" high drag inducers used on top and sides of TC_{11} at Station 1575. 4½" long on sides and 2" long on top. Each piece has two rows of 1/4" holes on 1/2" centers.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: DRAG INDUCER - DB_2

GENERAL DESCRIPTION: 0.35" high drag inducers used on top and sides of TC_{11} at Sta. 1575. 4½" long on sides and 2" long on top. Each piece has one row of 1/4" holes on 1/2" centers.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E_{43}

GENERAL DESCRIPTION: Configuration 140A/B orbiter elevon.

NOTE: E_{43} is a slotted elevon version of E_{26}. 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 $\bar{c}$) about hingeline, Ft^3	1587.25	0.105
Mean Aerodynamic Chord, In.	90.7	3.673

TABLE III (CONT'D)

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 MODEL DWG: SS-A00147, Release 12

DRAWING NUMBER : VL70-000140A, -000145

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
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional		
Planform	150.525	0.247
Wetted		
Base	41.847	0.0686

TABLE III (CONT'D)

MODEL COMPONENT : OMS POD - M_{16}

GENERAL DESCRIPTION : Configuration 140C orbiter OMS pod - short pod

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-008401, VL70-008410

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta X_o=1310.5), In.	258.50	10.469
Max Width (@ X_o = 1511), In.	136.80	5.540
Max Depth (@ X_o = 1511), In.	74.70	3.025
Fineness Ratio	2.484	2.484
Area - Ft^2		
Max. Cross-Sectional	58.864	0.097
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT: OMS NOZZLES - N_{28}

GENERAL DESCRIPTION: Configuration 140A/B orbiter OMS nozzles

MODEL SCALE: 0.0405

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

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane		
Throat to Exit Plane		
Diameter - In.		
Exit		
Throat		
Inlet		
Area - ft^2		
Exit		
Throat		
Gimbal Point (Station) - In.		
Left Nozzle		
X_o	1518.0	61.479
Y_o	- 88.00	- 3.564
Z_o	492.00	19.93
Right Nozzles		
X_o	1518.0	61.479
Y_o	88.0	3.564
Z_o	492.0	19.93
Null Position - Deg.		
Left Nozzle		
Pitch	$15^o49'$	$15^o49'$
Yaw	OUTB'D $12^o17'$	$12^o17'$
Right Nozzle		
Pitch	$15^o49'$	$15^o49'$
Yaw	OUTB'D $12^o17'$	$12^o17'$

TABLE III (CONT'D)

MODEL COMPONENT: RUDDER - R_5

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 (equivalent), In.	201.00	8.141
Inb'd equivalent chord, In.	91.585	3.709
Outb'd equivalent 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
Tailing 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 CONT'D)

MODEL COMPONENT: TAILCONE - TC3

GENERAL DESCRIPTION: Afterbody fairing used on body B26 for ferry configuration drag reduction. Fairing extends from body trailing edge to fuselage station 1882.59. Fairing encloses OMS pods and terminates in a sharp trailing edge. Also designated the Boeing Beavertail.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_4

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body to fuselage station 1900. Fairing encloses OMS pods and terminates in a blunt trailing edge.

DRAWING NO.: SS-A01460

MODEL SCALE: 0.0405

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_7

GENERAL DESCRIPTION: Afterbody fairing used on Body B_{26} for ferry configuration drag reduction. Fairing extends from body trailing edge but cut at fuselage station 1600 and rotated 8 deg. to raise trailing edge 40" full scale. Cut area was refaired for a smooth transition.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_8

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body but cut at fuselage station 1600 and refaired to raise the trailing edge 40", full scale.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_9

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body but cut at fuselage station 1600 and refaired to raise the trailing edge 40", full scale. Also has small horizontal fin and small ventral fin.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460.

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_{10}

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body but cut at fuselage station 1600 and refaired to raise the trailing edge 40", full scale. Also has large horizontal and ventral fins.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

GENERAL COMPONENT: TAILCONE - TC_{11}

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body but cut at fuselage station 1600 and refaired to raise the trailing edge 40", full scale. Also has large horizontal fin and no ventral fin.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL DESCRIPTION: TAILCONE - TC_{12}

GENERAL DESCRIPTION: Afterbody fairing used on body B_{26} for ferry configuration drag reduction. Fairing extends from trailing edge of body but but at fuselage station 1600 and refaired to raise the trailing edge 40", full scale. Has chine strips on lower corners from station 1530 to 1875. Chine strip is 1/8" x 1/4", MODEL SCALE.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: TAILCONE - TC_{13}

GENERAL DESCRIPTION: Afterbody fairing used on Body B_{26} for ferry configuration drag reduction. Fairing extends from body trailing edge but cut at fuselage station 1600 and rotated 8 deg. to raise trailing edge 40", full scale. Cut area was refaired for a smooth transition. Has large ventral fin on centerline.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A01460

TABLE III (CONT'D)

MODEL COMPONENT: TRIP STICK - TR_1

GENERAL DESCRIPTION: 1/4 x 1/4" (model scale) strip across bottom of tailcone at Sta. 1520. Used on TC_{10}.

TABLE III (CONT'D)

MODEL COMPONENT: TRIP STICK - TR_2

GENERAL DESCRIPTION: 1/4 x 1/4" (model scale) strip across bottom of tailcone at Sta. 1625. Used on TC_8 and TC_{11}.

TABLE III (CONT'D)

MODEL COMPONENT: TRIP STICK - TR_3

GENERAL DESCRIPTION: 1/4 x 1/2" high (model scale) strip across bottom of tailcone TC_{11} at Station 1625.

DRAWING NO.: SS-A01460

TABLE III(CONT'D)

MODEL COMPONENT: TRIP STICK - TR_4

GENERAL DESCRIPTION: 1/4 x 1/2" high (model scale) strip across bottom of tailcone TC_{13} at Station 1625.

DRAWING NO.: SS-A01460

TABLE III CONT'D)

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Configuration 140C vertical tail (identical to configuration 140 A/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	59.272
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 (CONT'D)

MODEL COMPONENT: WING-W_{116}

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W_{114} except airfoil thickness. Dihedral angle is along trailing edge of wing.

MODEL SCALE: 0.0405

TEST NO. DWG. NO. VL70-000140A -000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	4.412
Span (Theo 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
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	27.914
Tip, (Theo) B.P.	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
EXPOSED DATA		
Area (Theo) Ft^2	1751.50	2.873
Span, (Theo) In. BP108	720.68	29.188
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	22.765
Tip 1.00 $\frac{b}{2}$	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
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	113.18	0.185
Leading Edge Intersects Fus M. L. @ Sta	500.00	20.250
Leading Edge Intersects Wing @ Sta	1024.00	41.472

TABLE III (CONL'D)

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 of local leading edges	1.00

Notes:

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

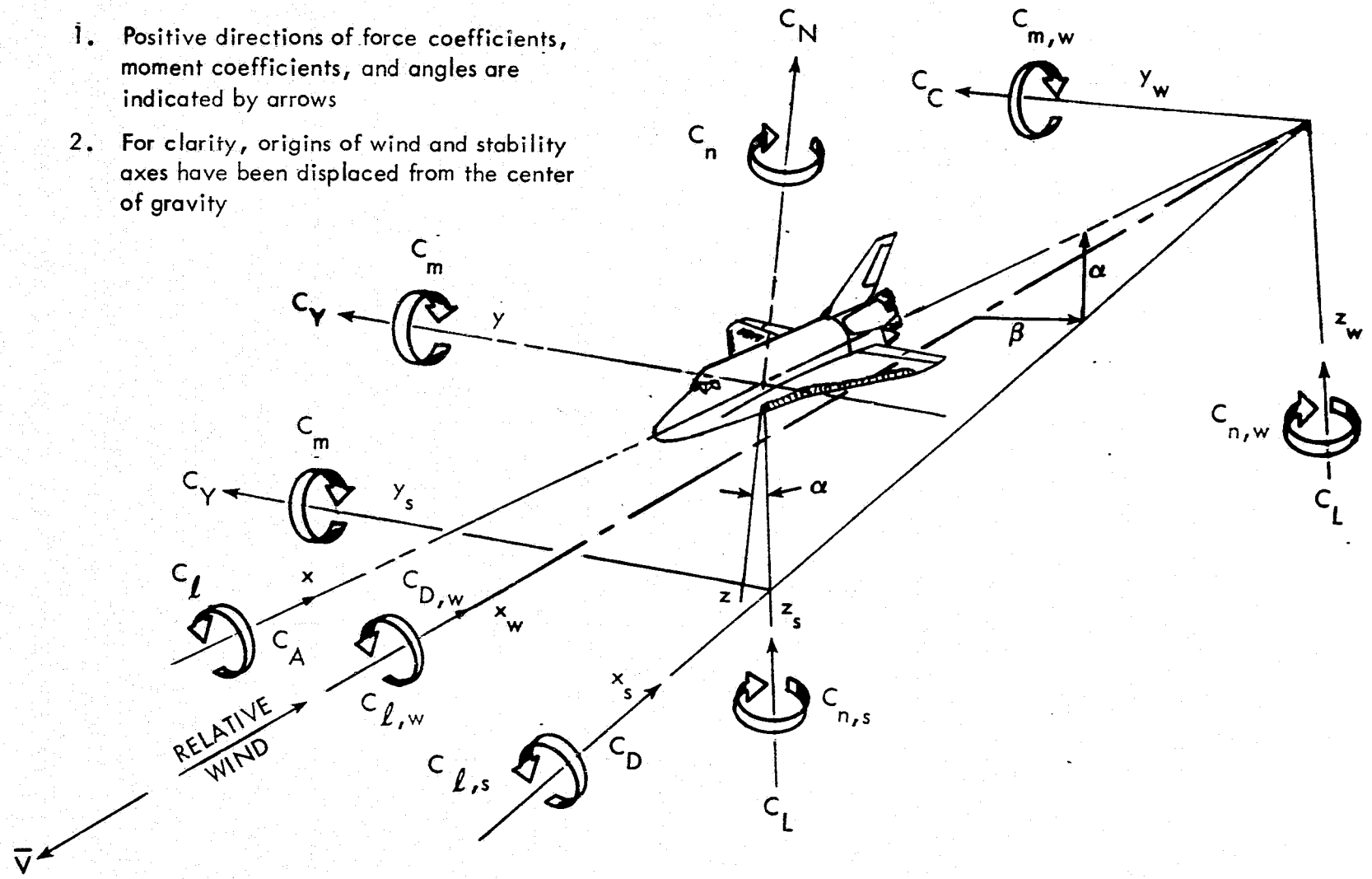
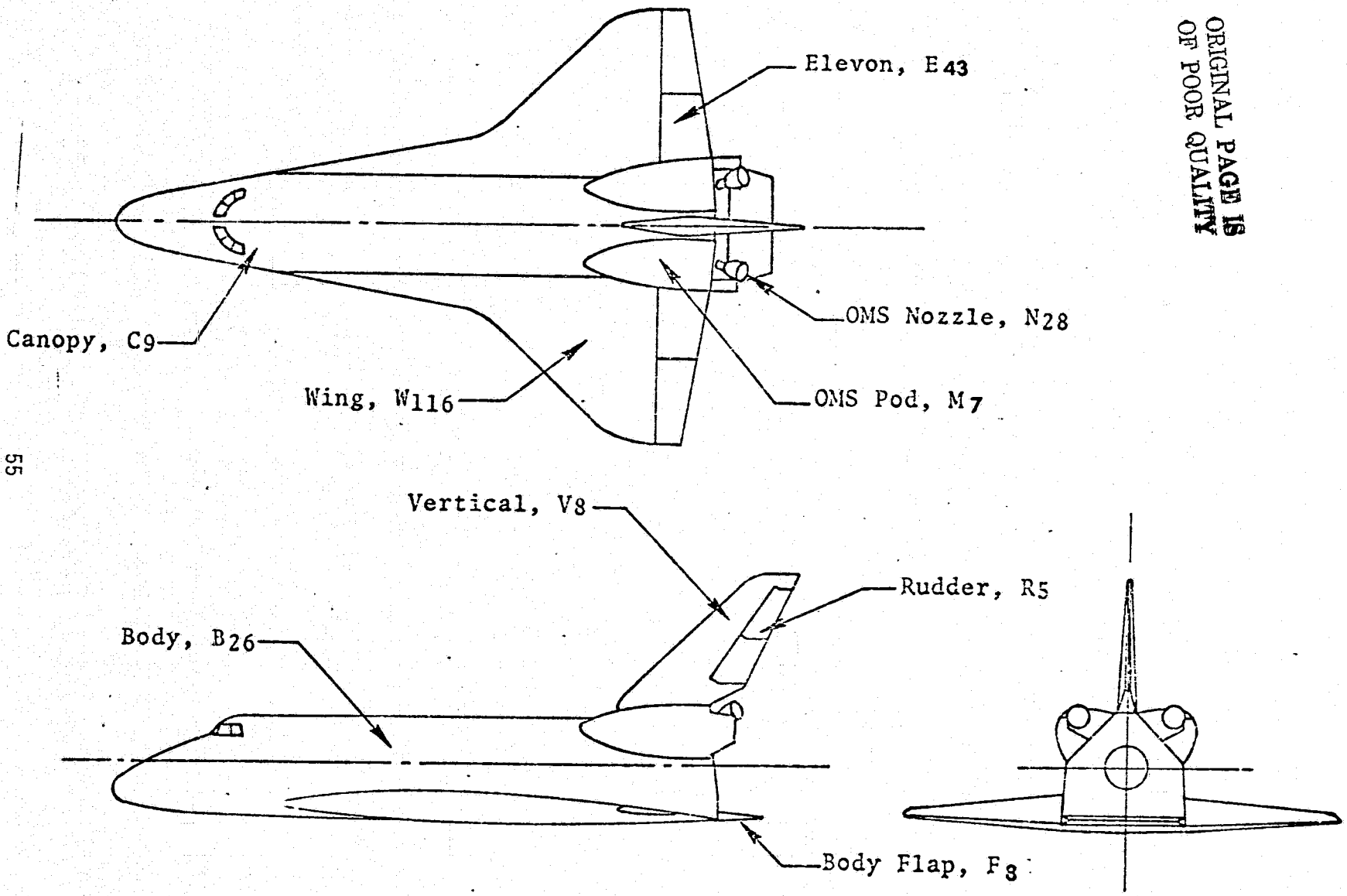
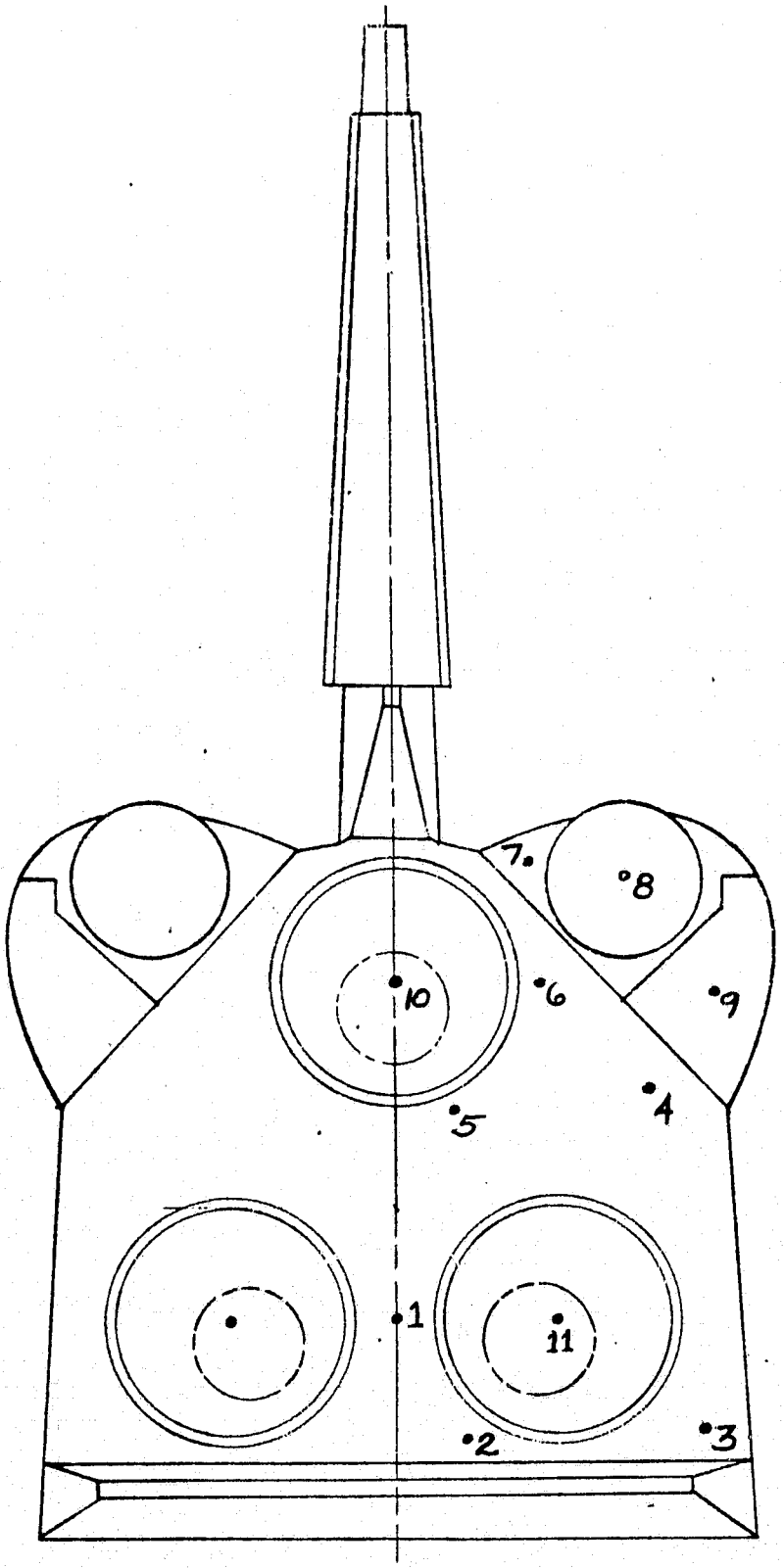


Figure 1. Axis systems.



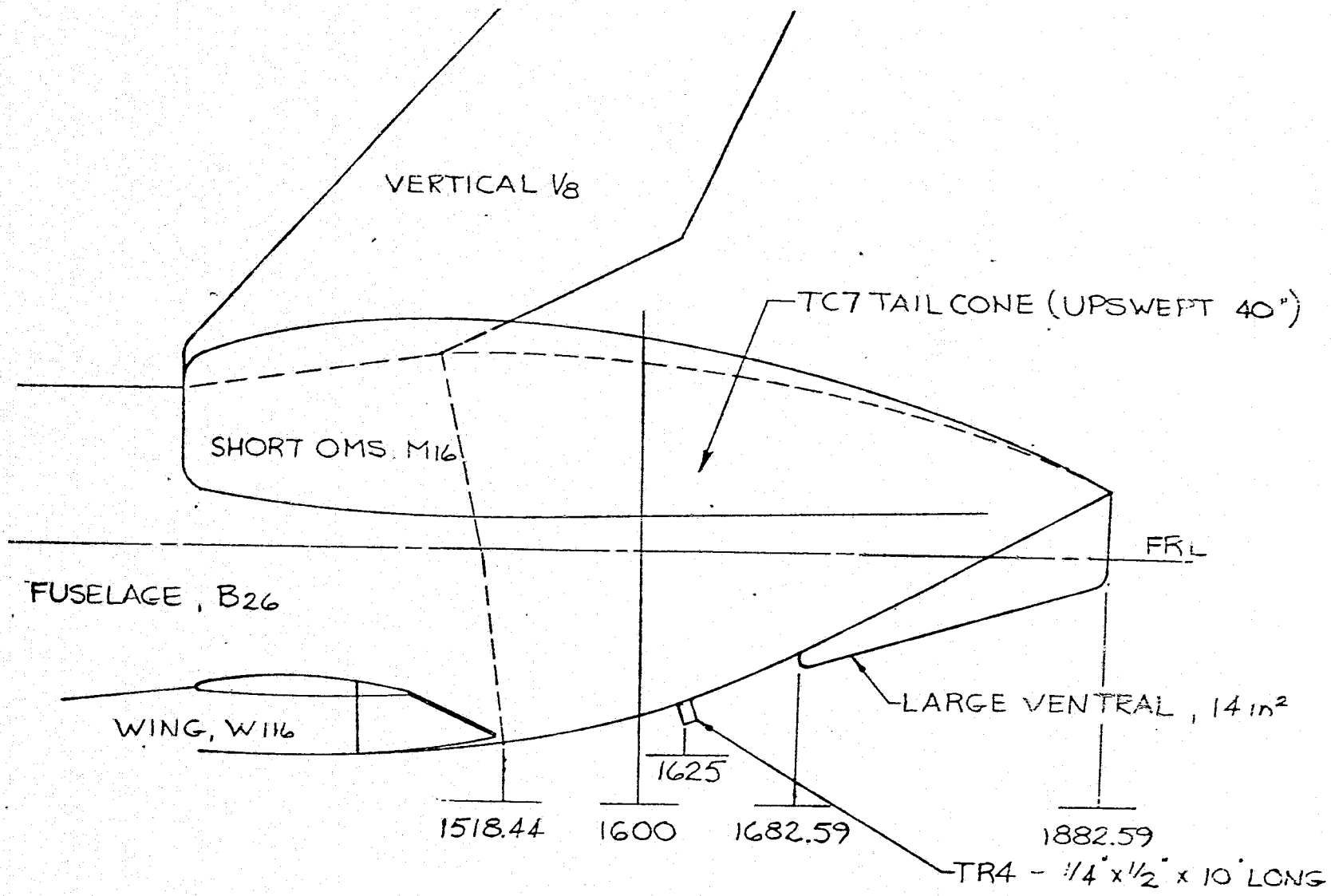
a. Orbiter Three View

Figure 2. - Model sketches.



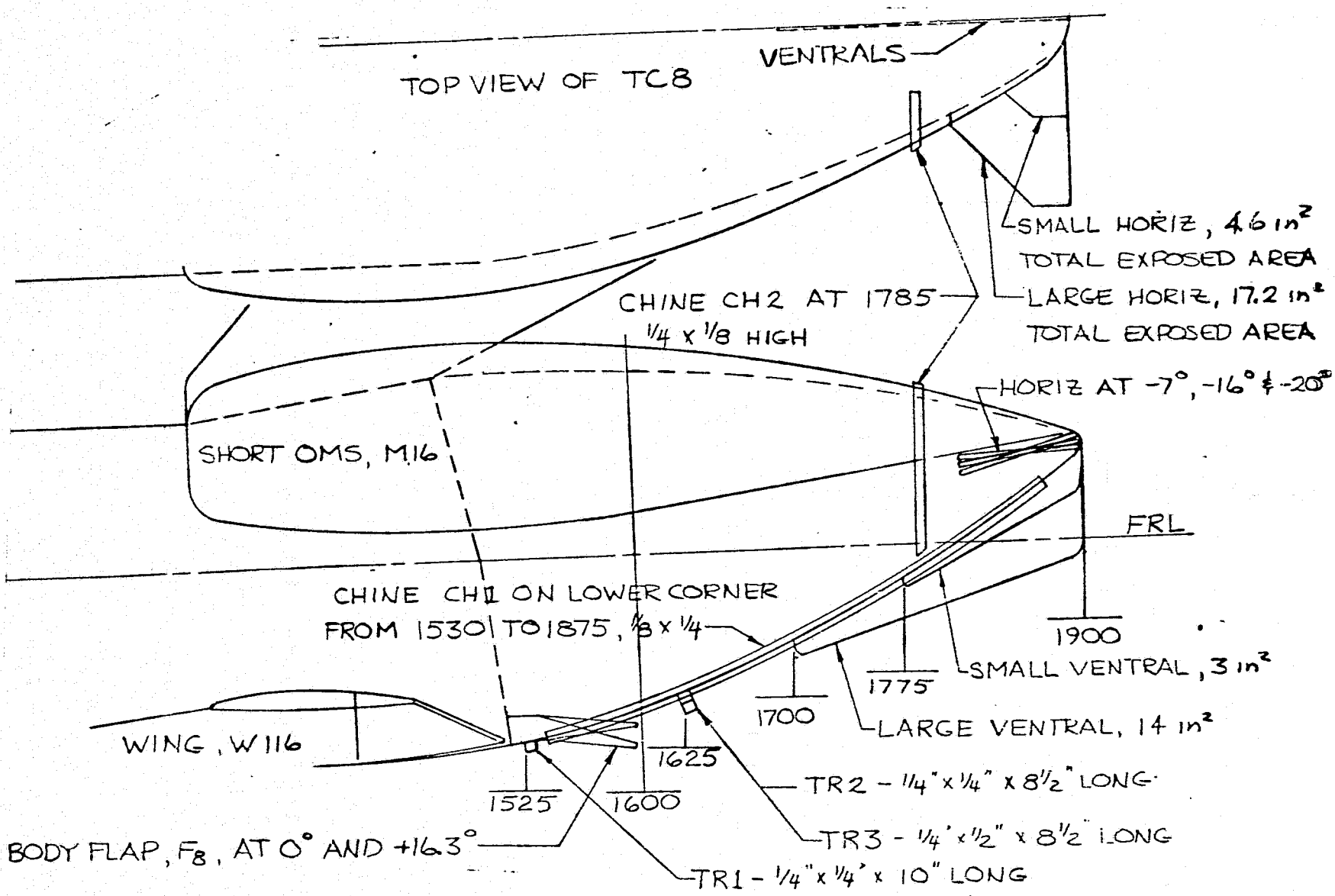
b. Orbiter Base Pressure Locations

Figure 2. - Continued.



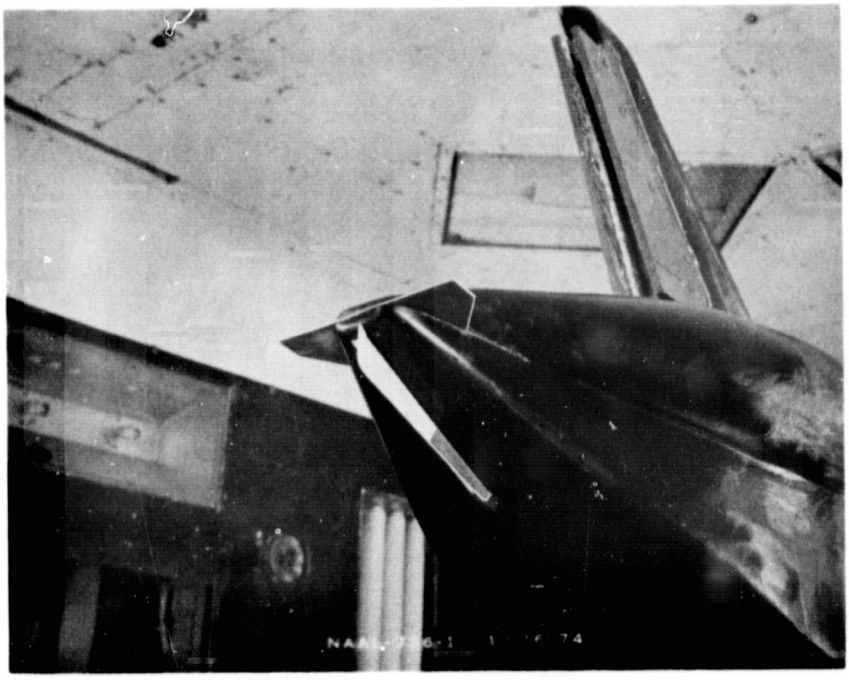
c. Details of Beavertail Fairing TC_7

Figure 2. - Continued.



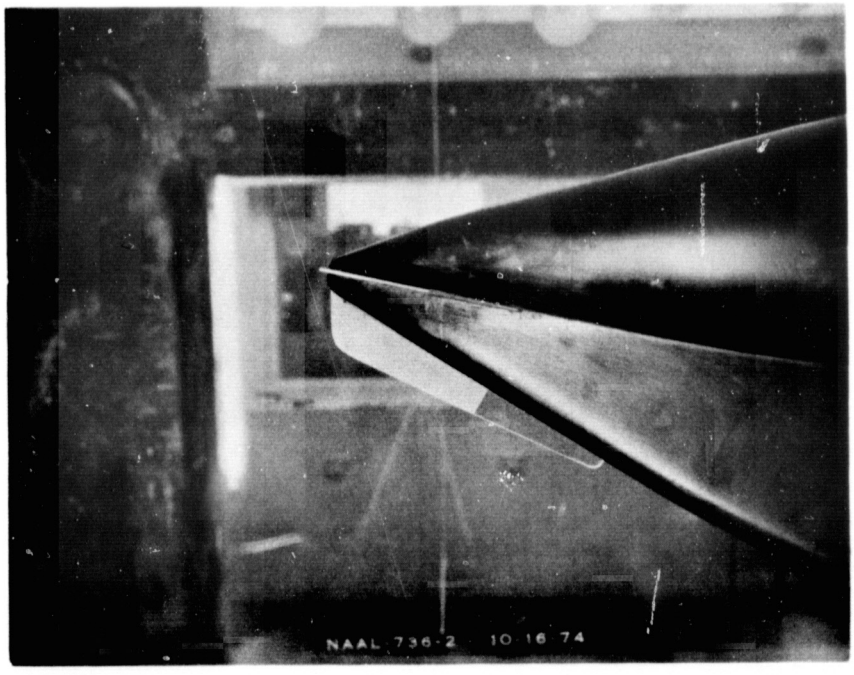
d. Details of Long Bumblebee Fairing TC_8

Figure 2. - Concluded.



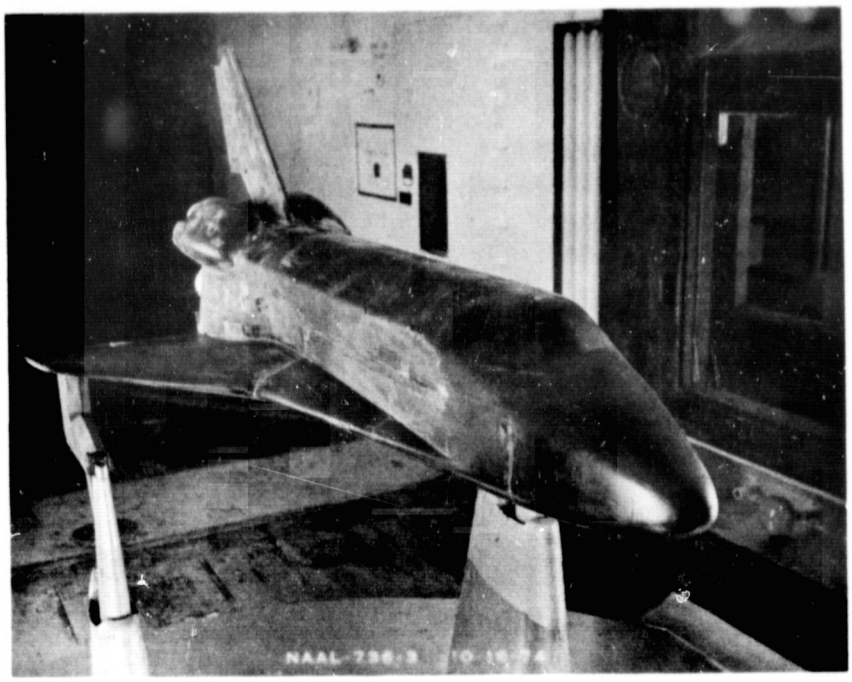
a. TC_9 Tail Cone With Small Horizontal and Small Ventral-Rear Quarter View

Figure 3. - Model installation photographs.



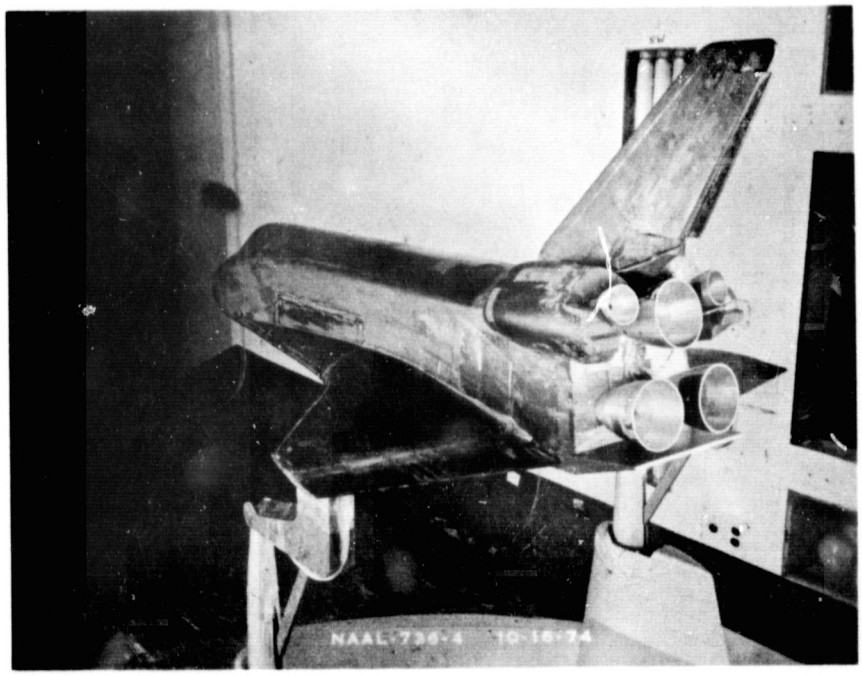
b. TC_9 Tail Cone With Small Horizontal and Small Ventral-Side View

Figure 3. - Continued.



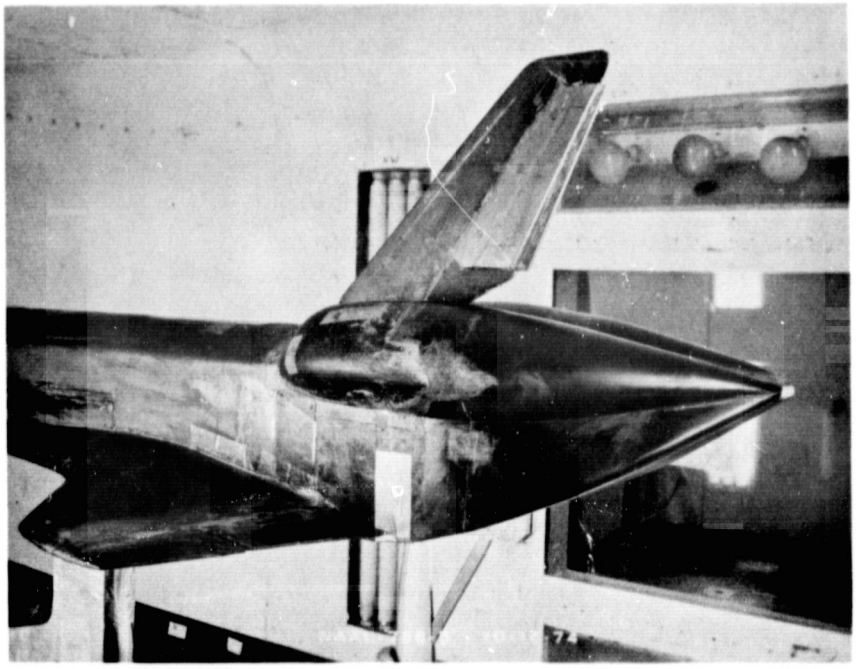
c. Basic Orbiter - Front Quarter View

Figure 3. - Continued.



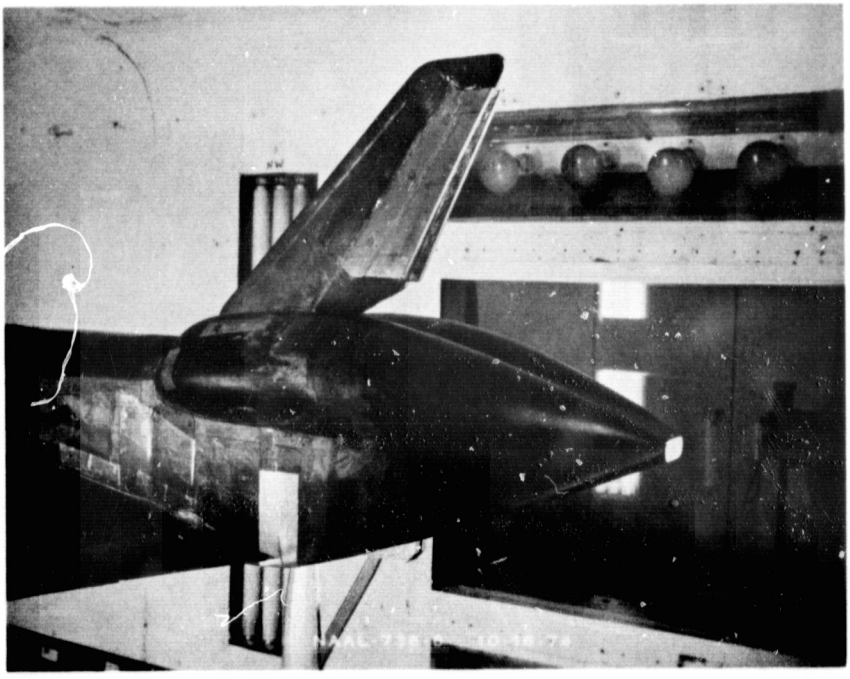
d. Basic Orbiter - Rear Quarter View

Figure 3. - Continued.



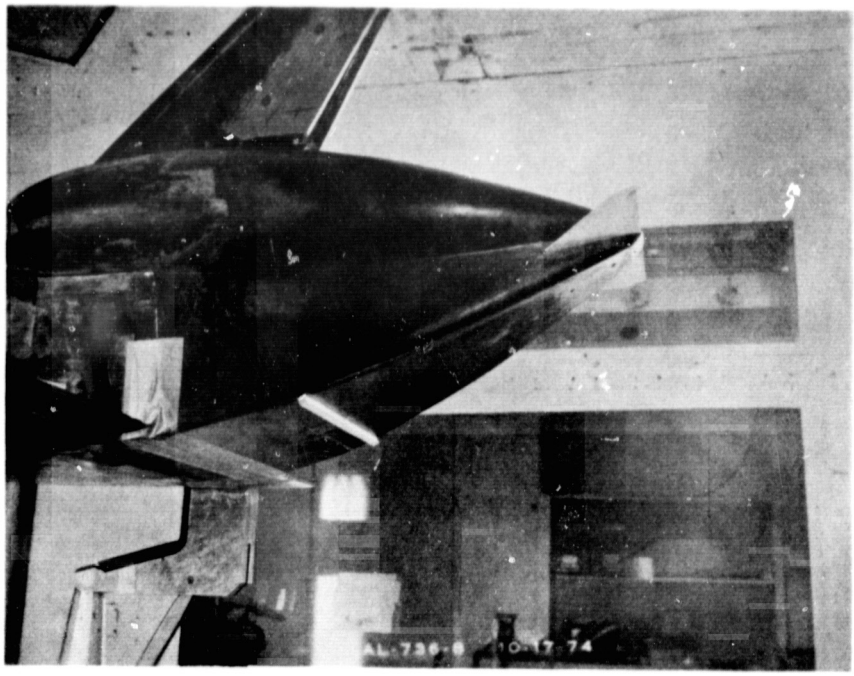
e. Orbiter With TC_8 Tail Cone

Figure 3. - Continued.



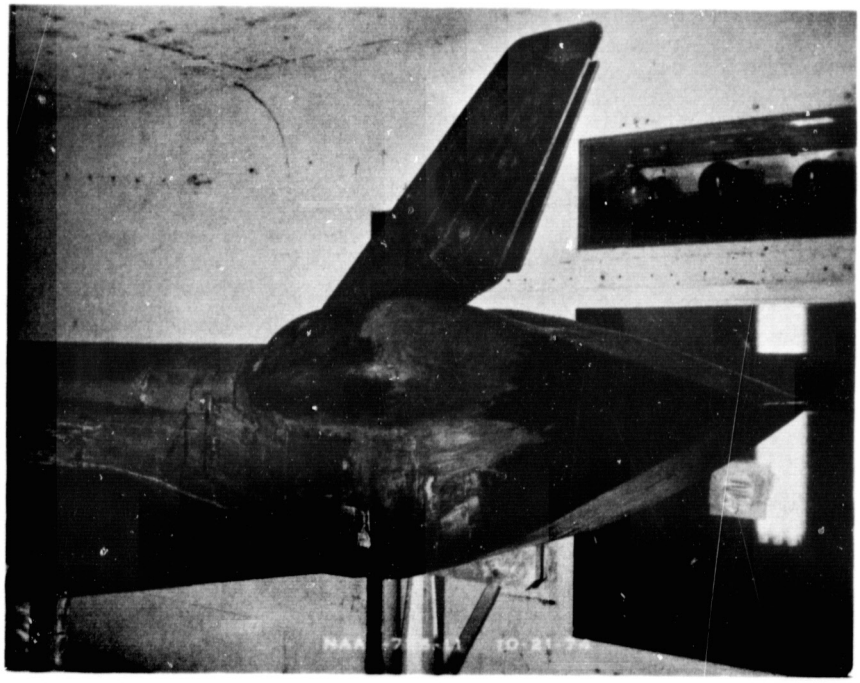
f. Orbiter With TC_4 Tail Cone

Figure 3. Continued.



g. TC_{11} With Large Horizontal and TR_2

Figure 3. - Continued.

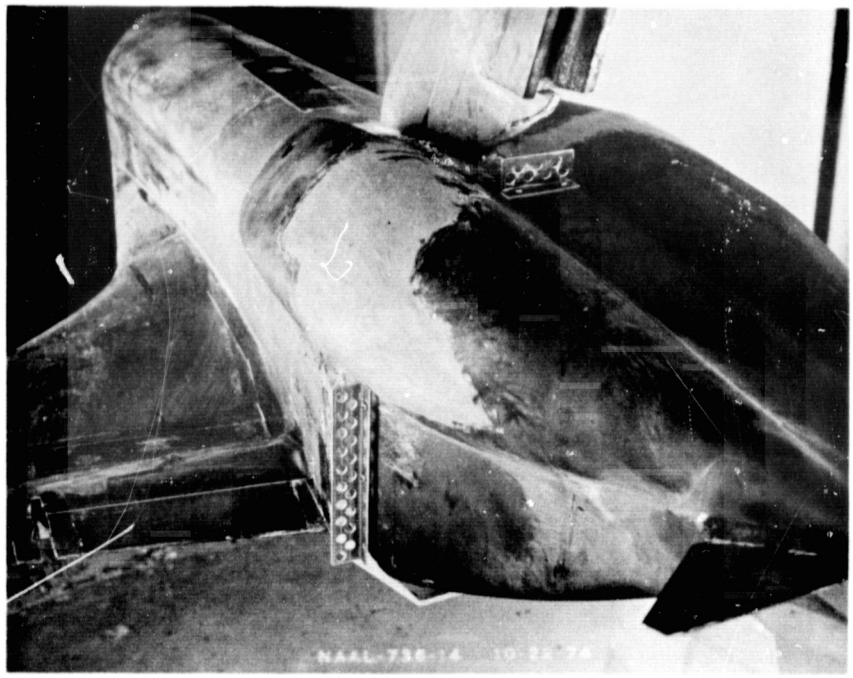


h. Orbiter With TC_7 Tail Cone

Figure 3. - Continued.

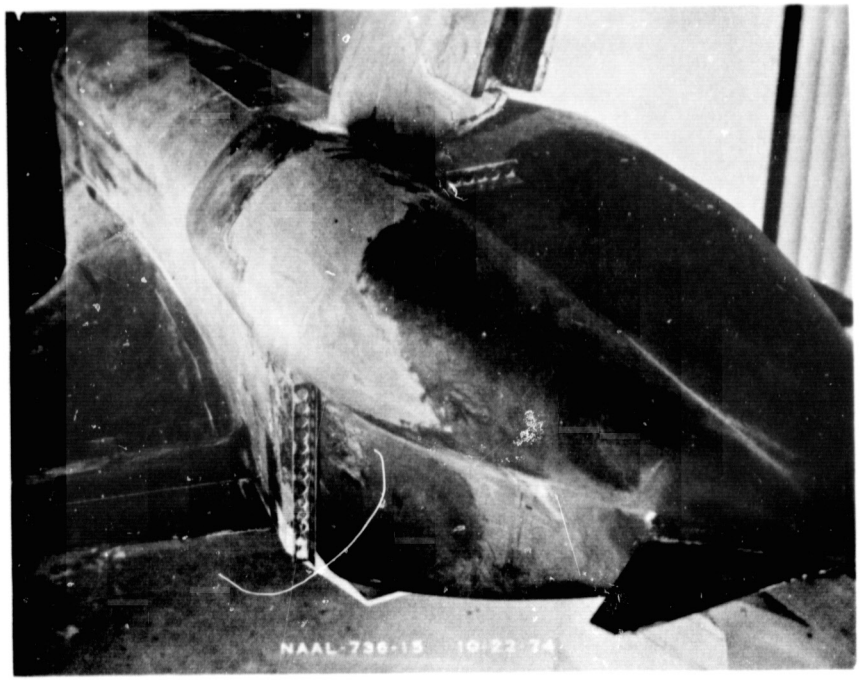
i. Orbiter With TC_3 Tail Cone

Figure 3. - Continued.



j. TC_{11} Tail Cone With Large Speed Brakes, DB_1

Figure 3. - Continued.



k. TC_{11} Tail Cone With Small Speed Brakes, DB2

Figure 3. - Continued.

l. TC_{11} Tail Cone With Bodyflap F_g at 0°

Figure 3. - Concluded.

DATA FIGURES

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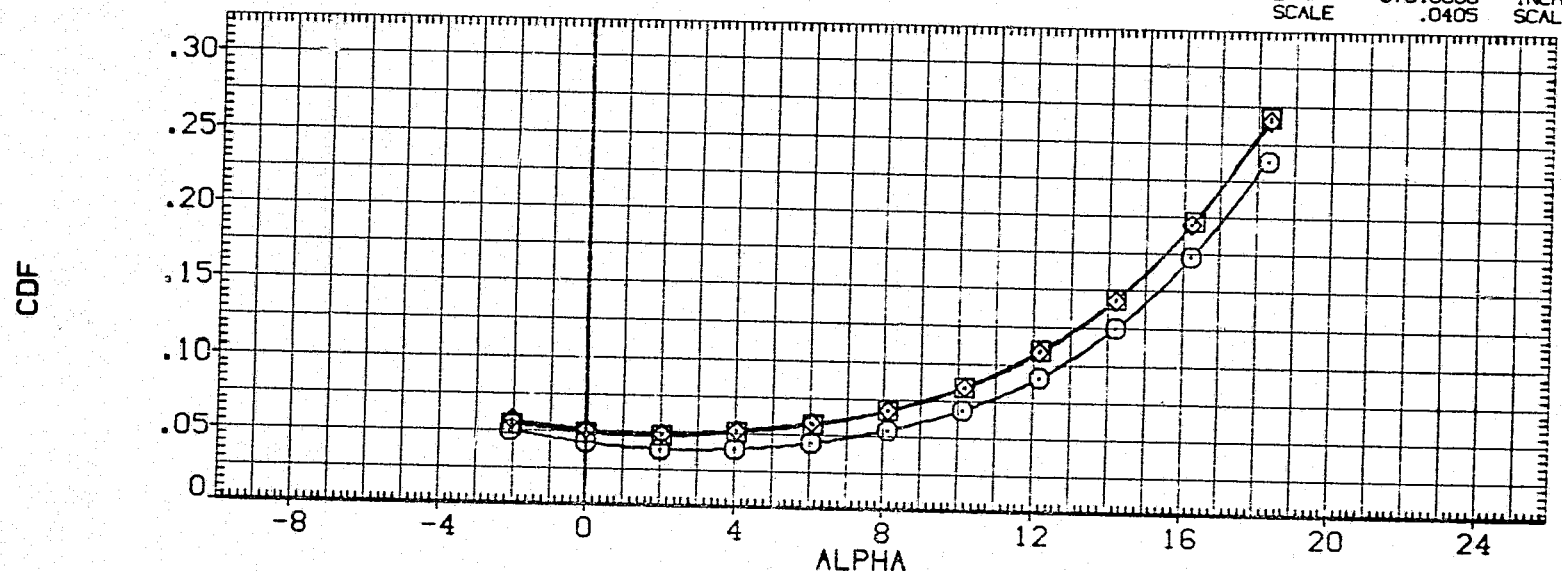
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AFB001)	▭	0A124 B50C9F8 M16N28W116E43V8R5 X9
(AFB015)	▭	0A124 B26C9 M16 W116E43V8R5TC4X9
(AFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9

BOFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
	.000	.000	25.000
	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



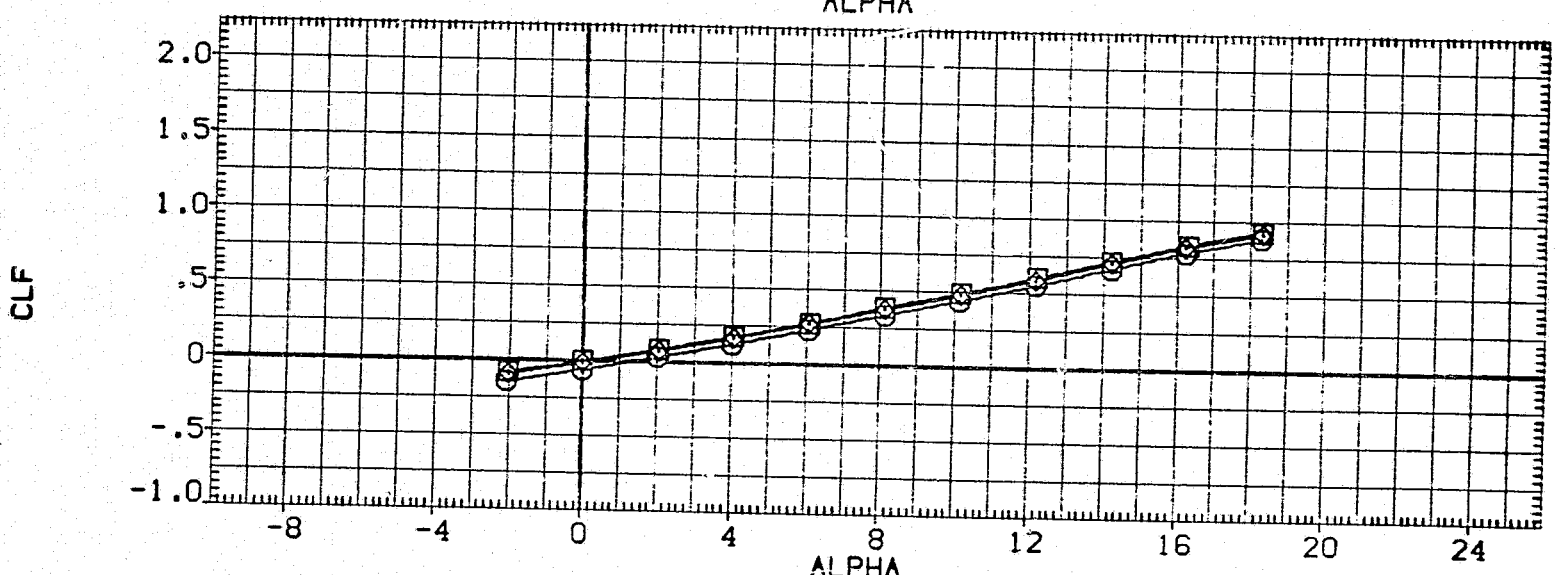


FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9
(AFB015)	□	0A124 B26C9 M16 W116E43V8R5TC4X9
(AFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9

BOFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
	.000	.000	25.000
	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

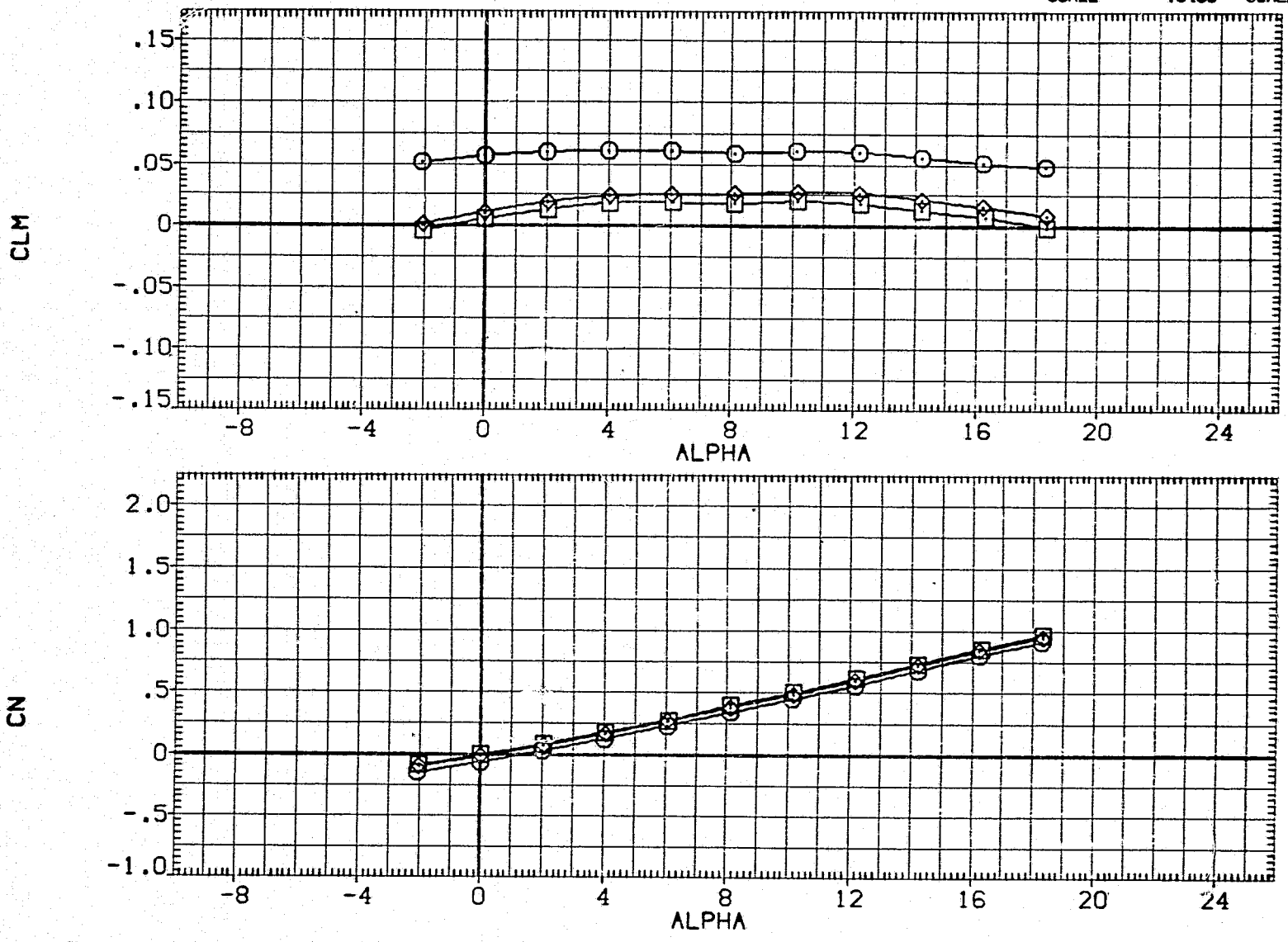


FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9
(AFB015)	□	0A124 B26C9 M16 W116E43V3R5TC4X9
(AFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
	.000	.000	25.000
	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

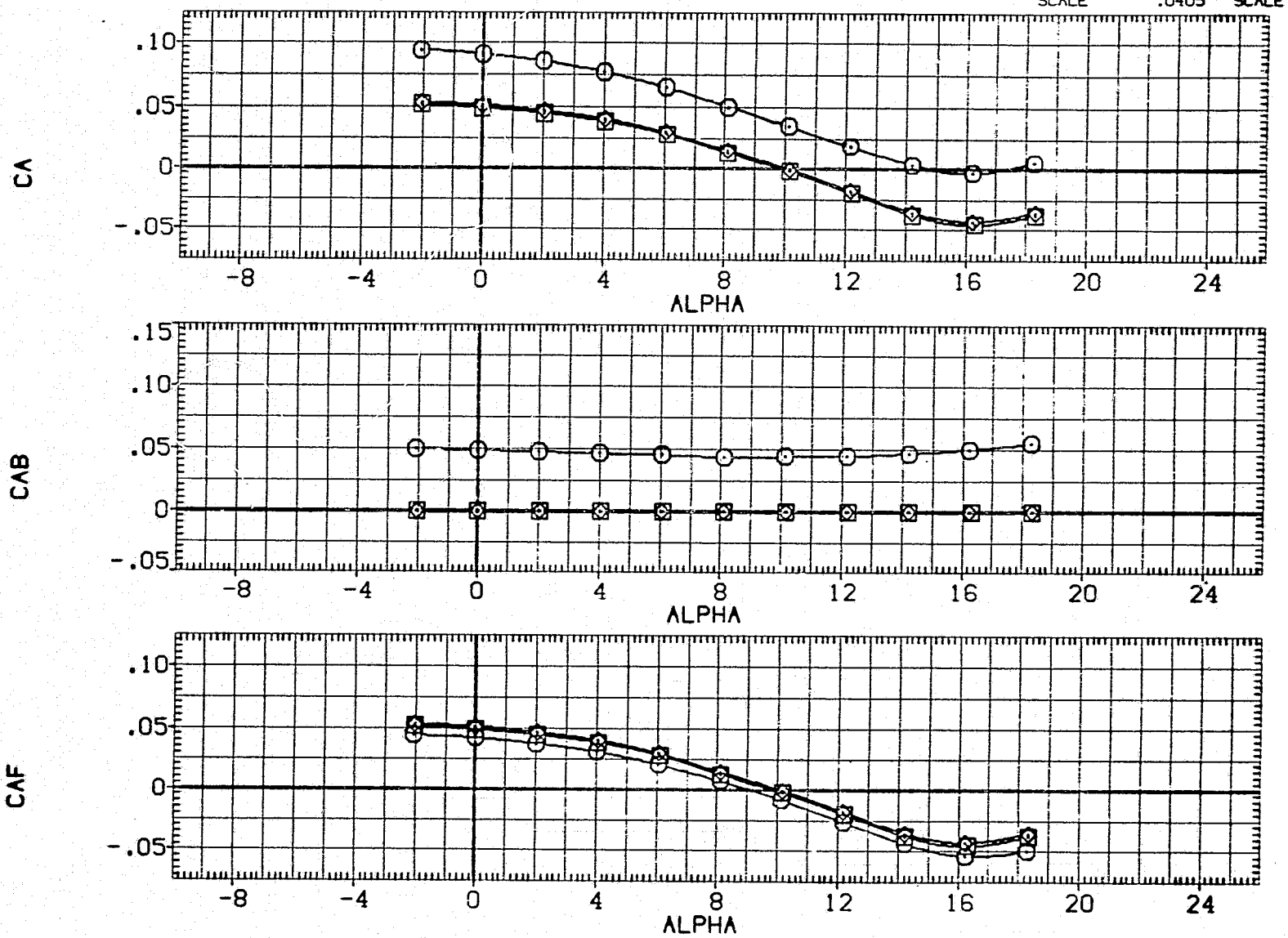


FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9
(AFB015)	□	0A124 B26C9 M16 W116E43V8R5TC4X9
(AFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
	.000	.000	25.000
	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

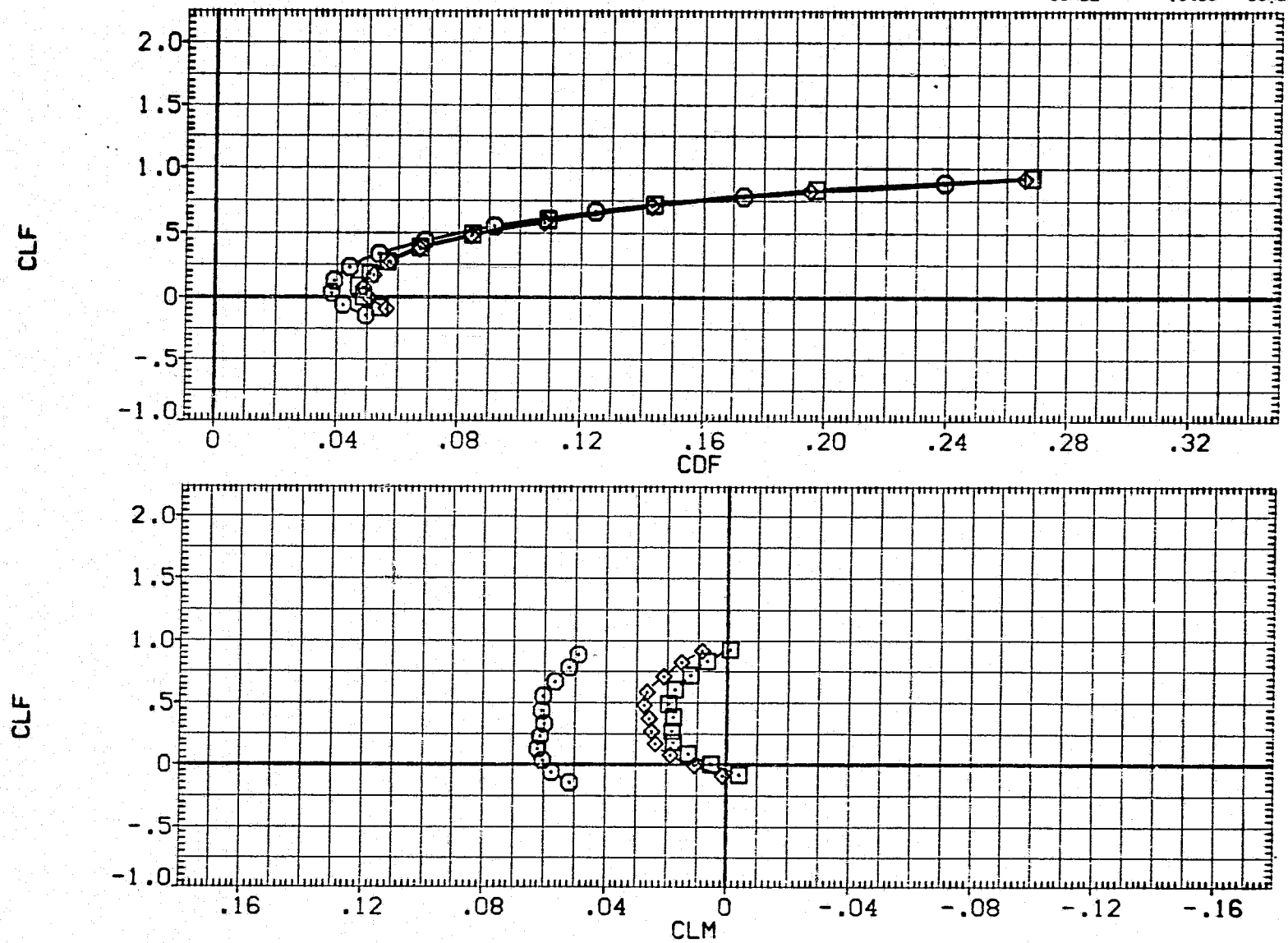


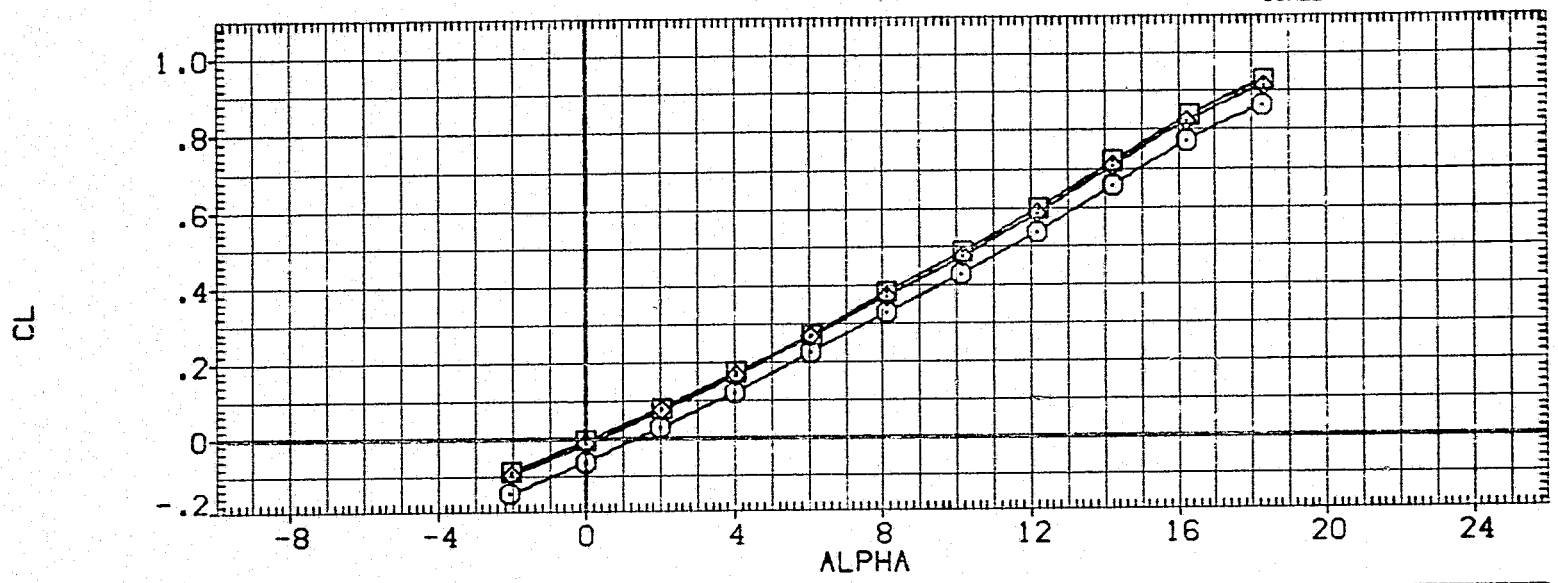
FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(CFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9
(CFB015)	⊡	0A124 B26C9 M16 W116E43V8R5TC4X9
(CFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
	.000	.000	25.000
	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



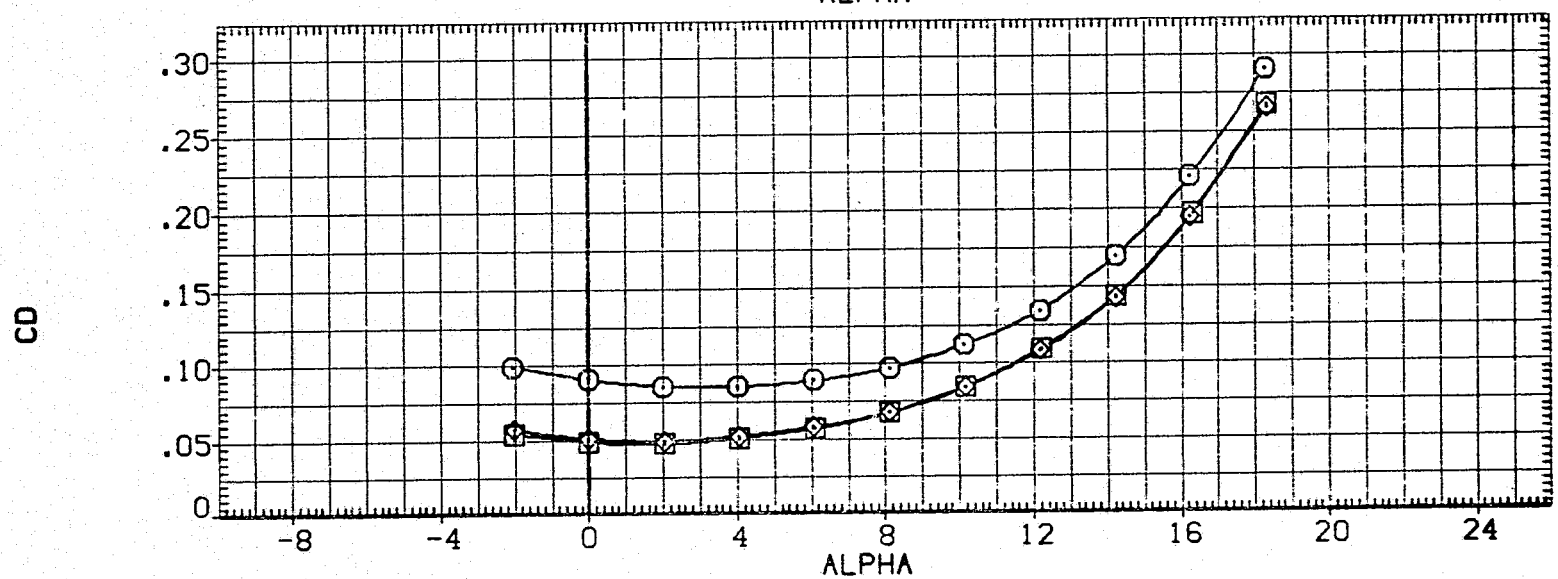


FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB015)	□	0A124 B26C9 M16 W116E43V8R5TC4X9		.000	.000	25.000
(CFB017)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9		.000	.000	25.000

REFERENCE INFORMATION		
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BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

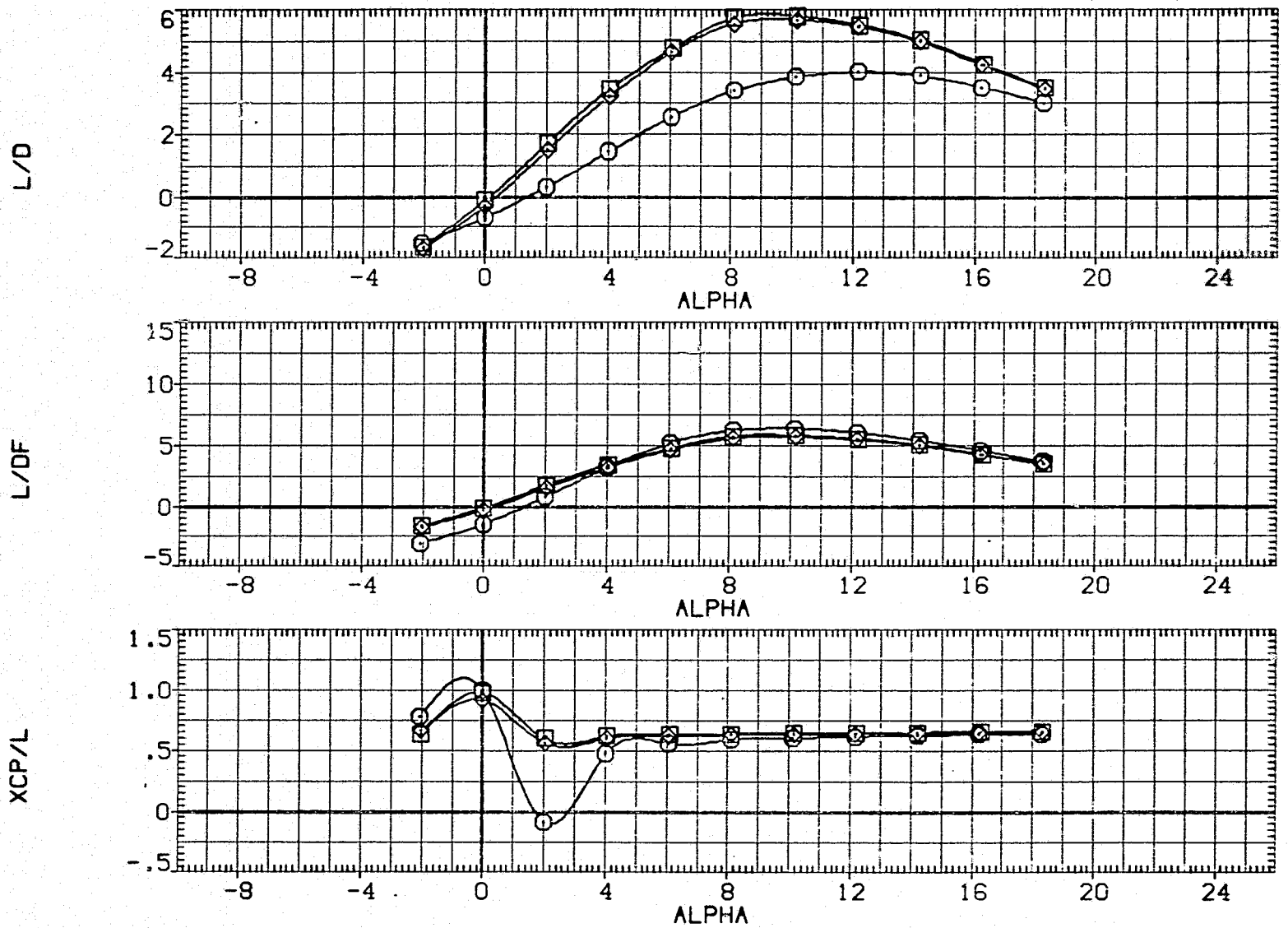

FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					BOFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124	B50C9F8	M16N28W116E43V8R5		X9	-11.700	.000	.000	25.000
(CFB015)	□	0A124	B26C9	M16	W116E43V8R5TC4X9			.000	.000	25.000
(CFB017)	◇	0A124	B26C9	M16	W116E43V8R5TC8X9			.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

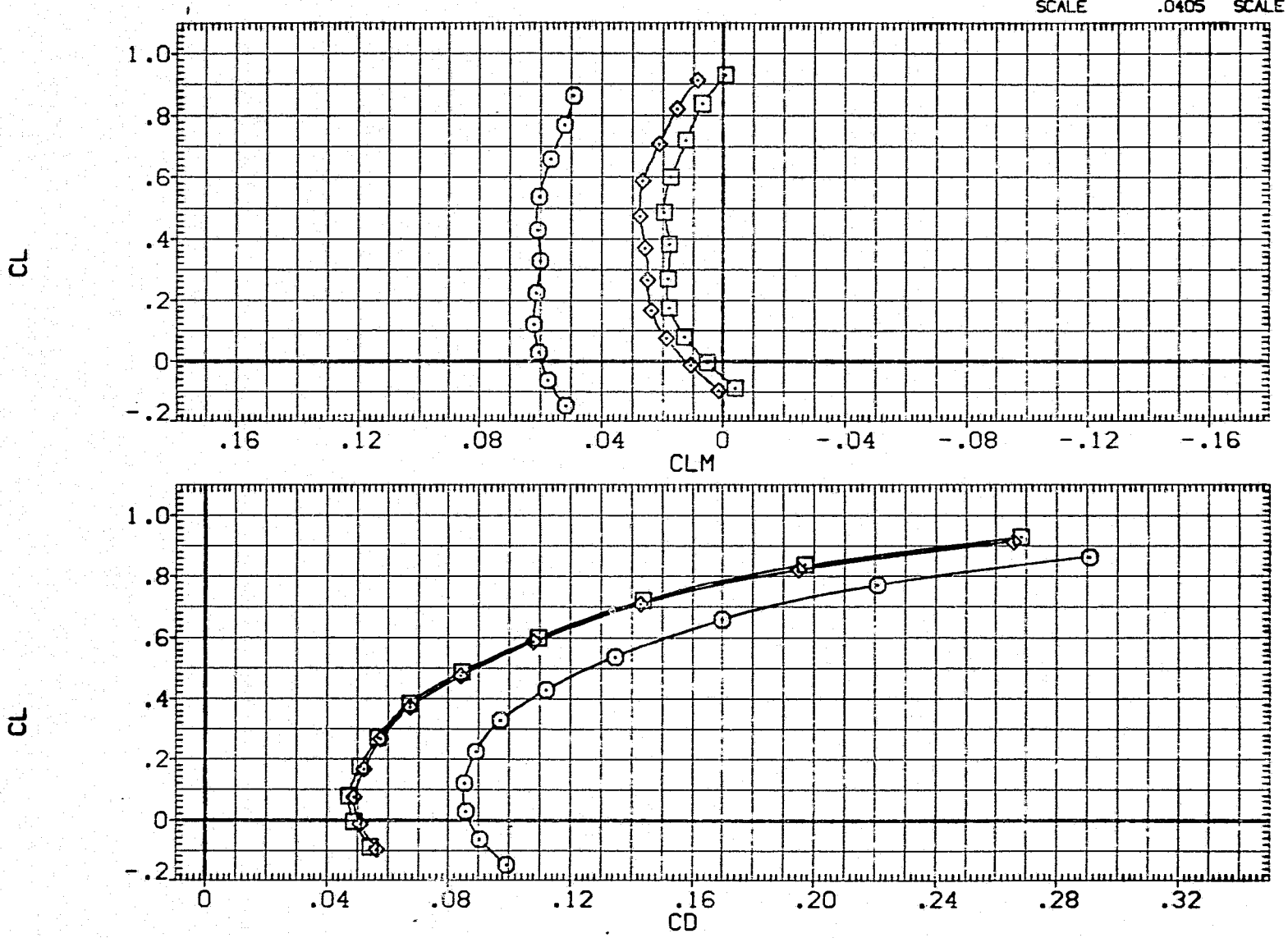

FIG. 4 EFFECT OF BASIC X3B TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION					ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB017)	0A124	B26C9	M16	W116E43V8R5TC8X9		.000	.000	25.000	
(AFB019)	0A124	B26C9	M16	W116E43V8R5TC9X9		.000	.000	25.000	-16.000
(AFB024)	0A124	B26C9	M16	W116E43V8R5TC10X9		.000	.000	25.000	-16.000
(AFB031)	0A124	B26C9	M16	W116E43V8R5TC8X9TR2		.000	.000	25.000	-16.000
(AFB053)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3		.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

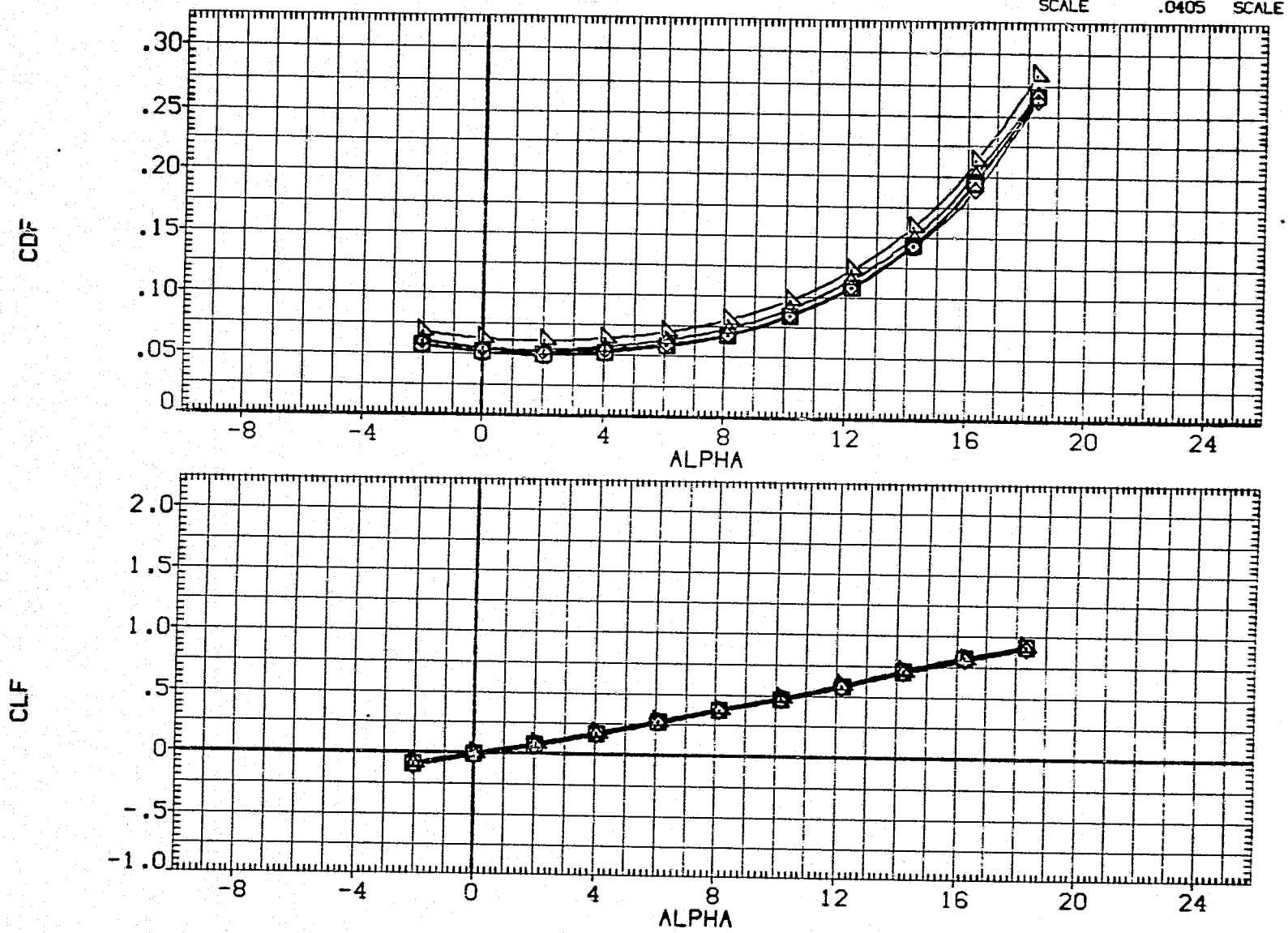

FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB017)	○	0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(AFB019)	□	0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(AFB024)	◇	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB031)	▷	0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(AFB053)	◺	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

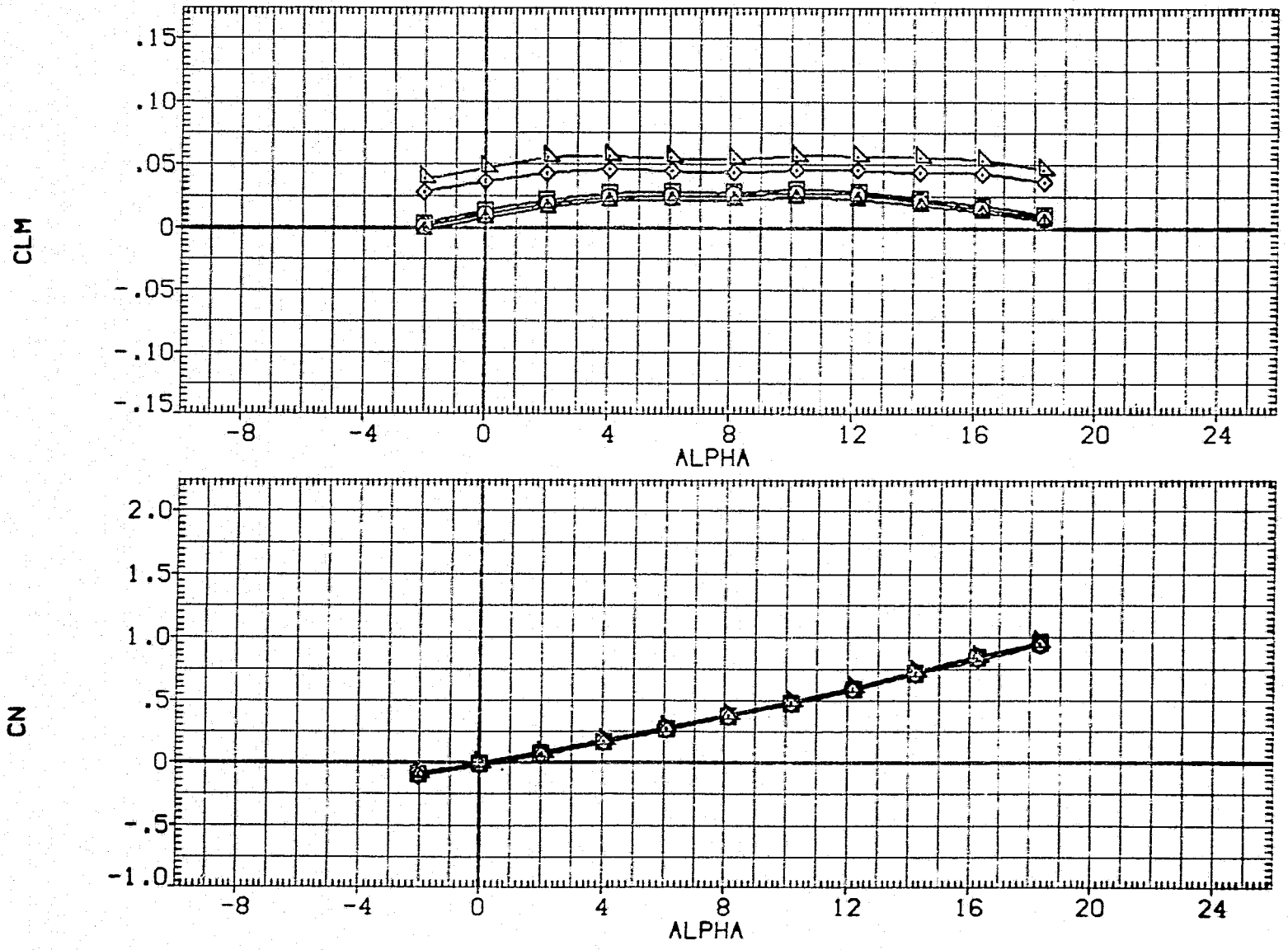

FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPOBRK	DHORIZ
(AFB017)	○	0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(AFB019)	□	0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(AFB024)	◇	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB031)	⋈	0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(AFB053)	◺	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

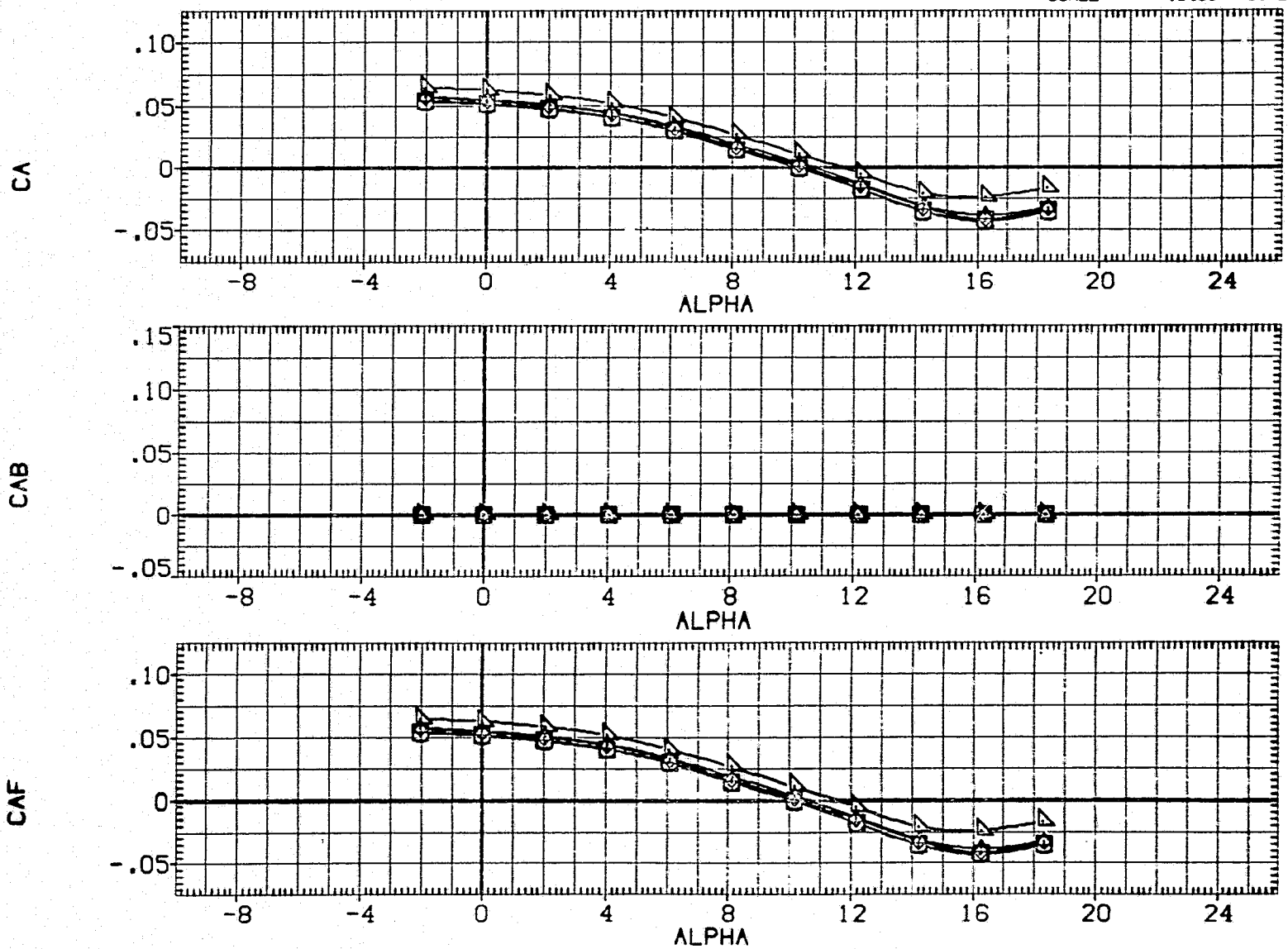
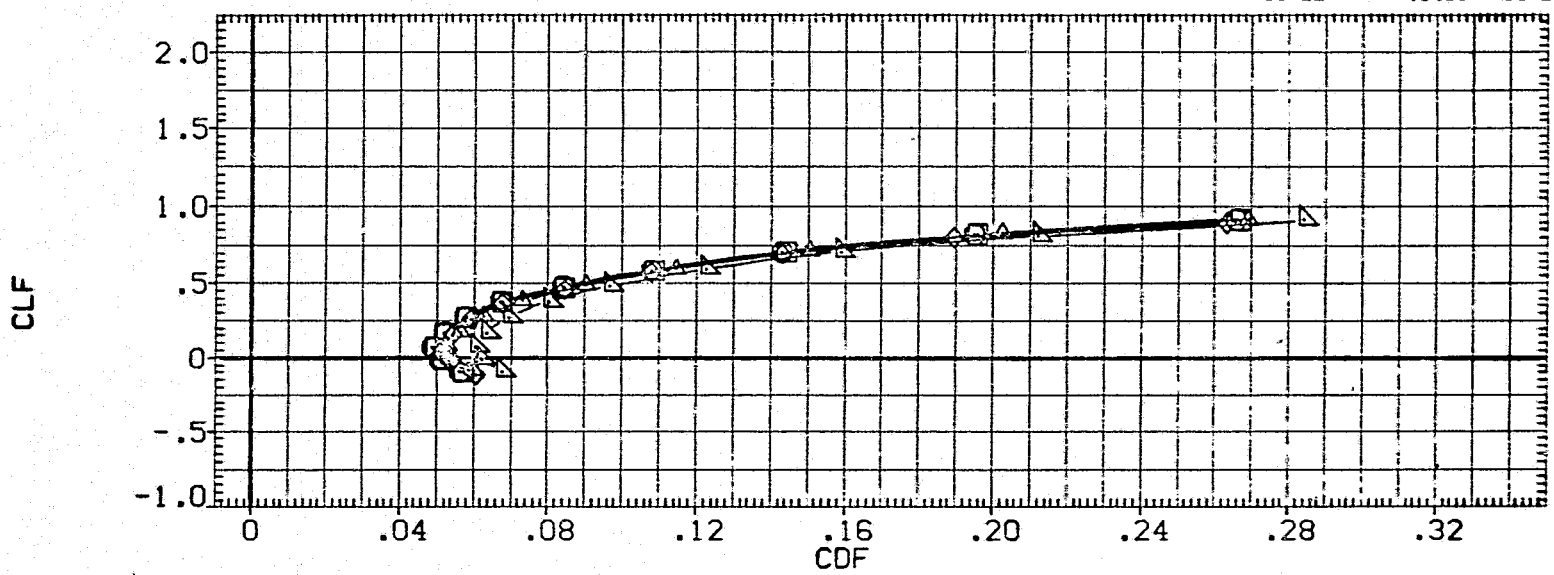


FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB017)		0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(AFB019)		0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(AFB024)		0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB031)		0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(AFB053)		0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



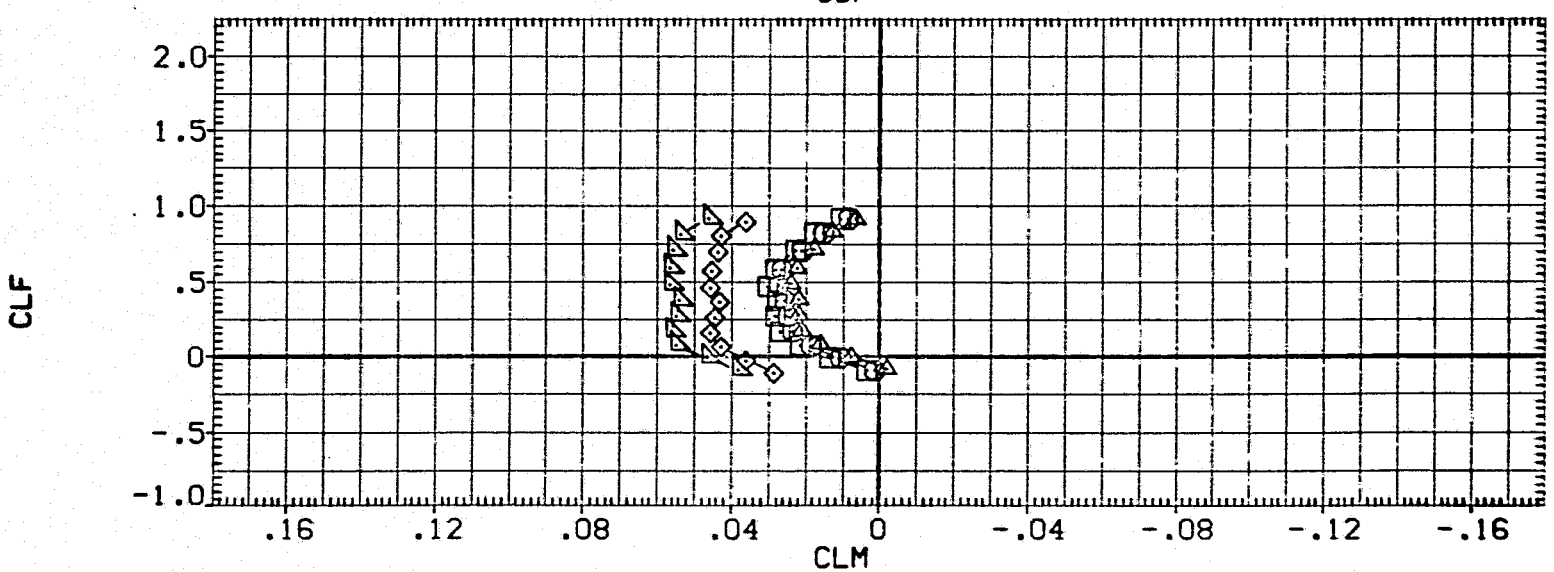


FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB017)	0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(CFB019)	0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(CFB024)	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB031)	0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(CFB053)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

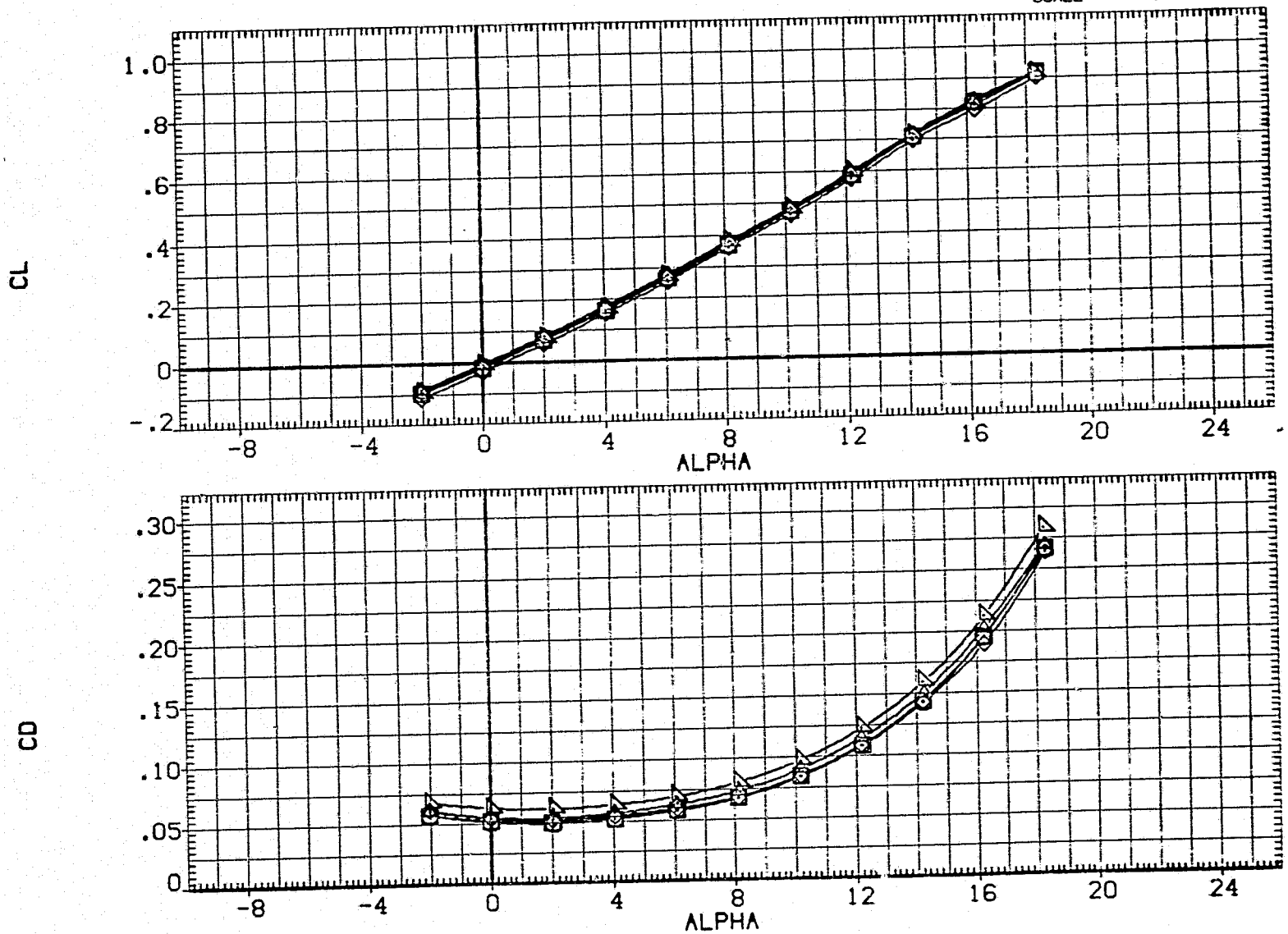


FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB017)	○	0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(CFB019)	□	0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(CFB024)	◇	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB031)	⋈	0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(CFB053)	◁	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

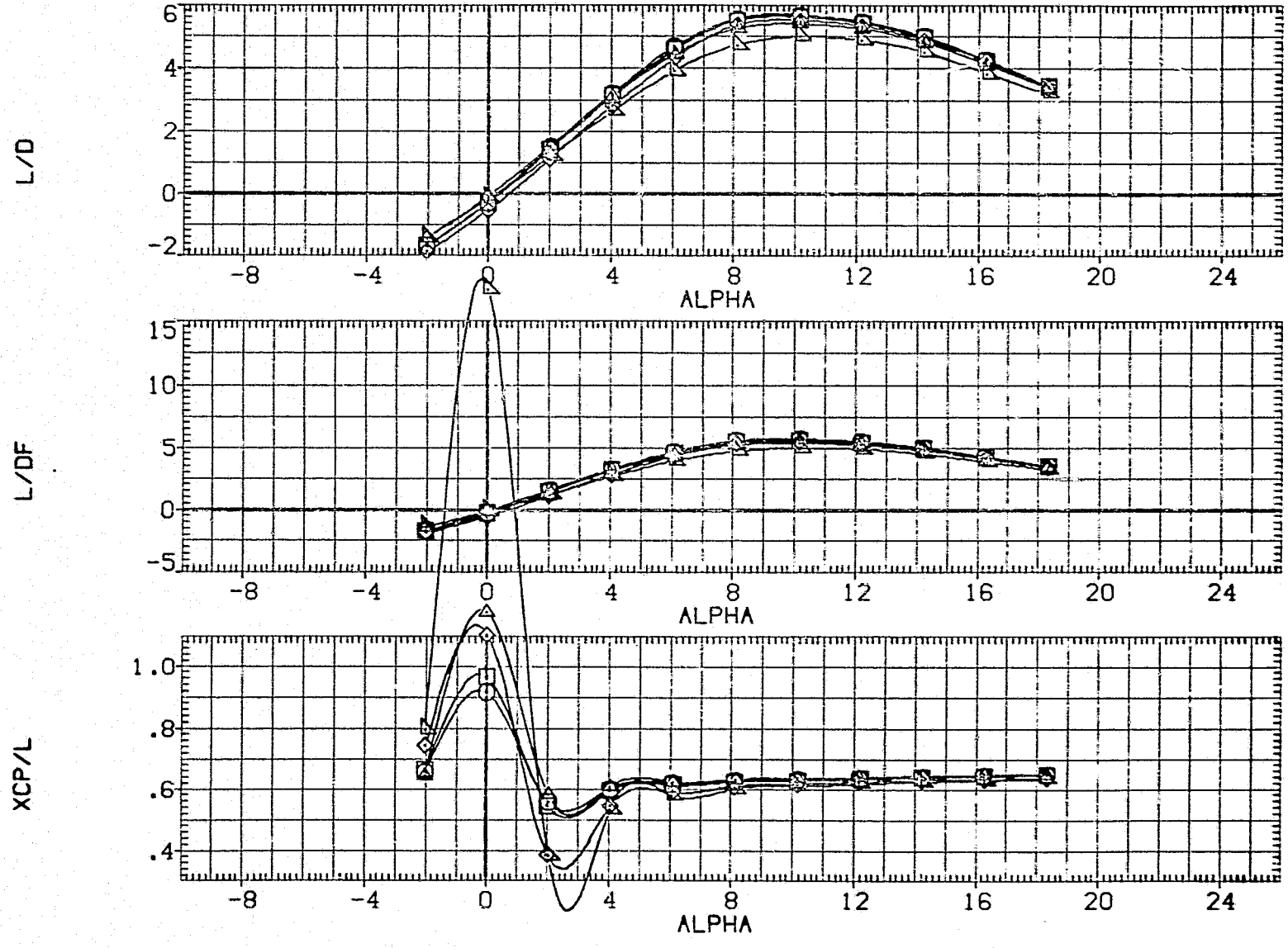


FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB017)	0A124	B26C9	M16	W116E43V8R5TC8X9	.000	.000	25.000	
(CFB019)	0A124	B26C9	M16	W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(CFB024)	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB031)	0A124	B26C9	M16	W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000
(CFB053)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

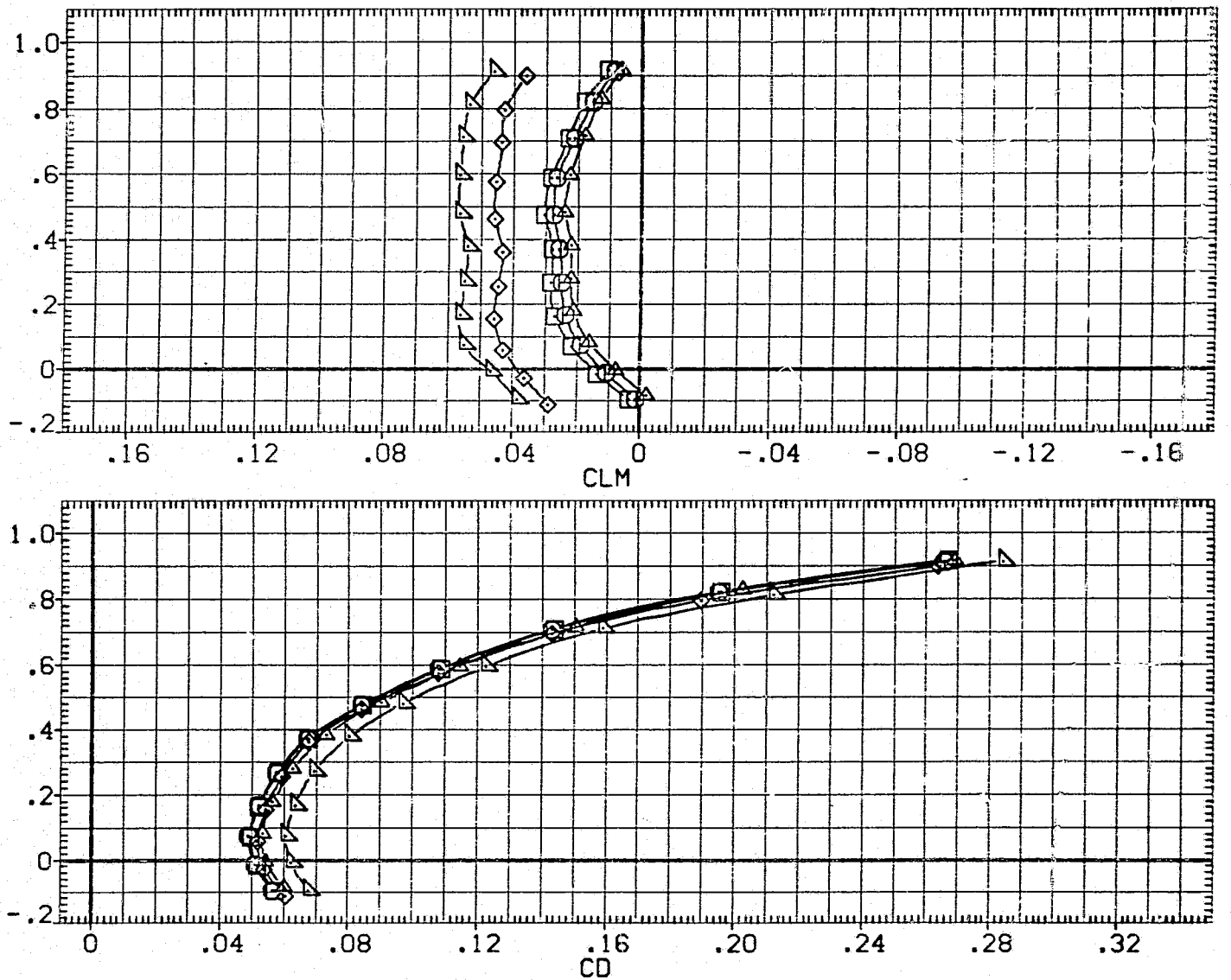


FIG. 5 OPTIMIZATION OF X3B TAILCONE - LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB017)	□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(AFB031)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

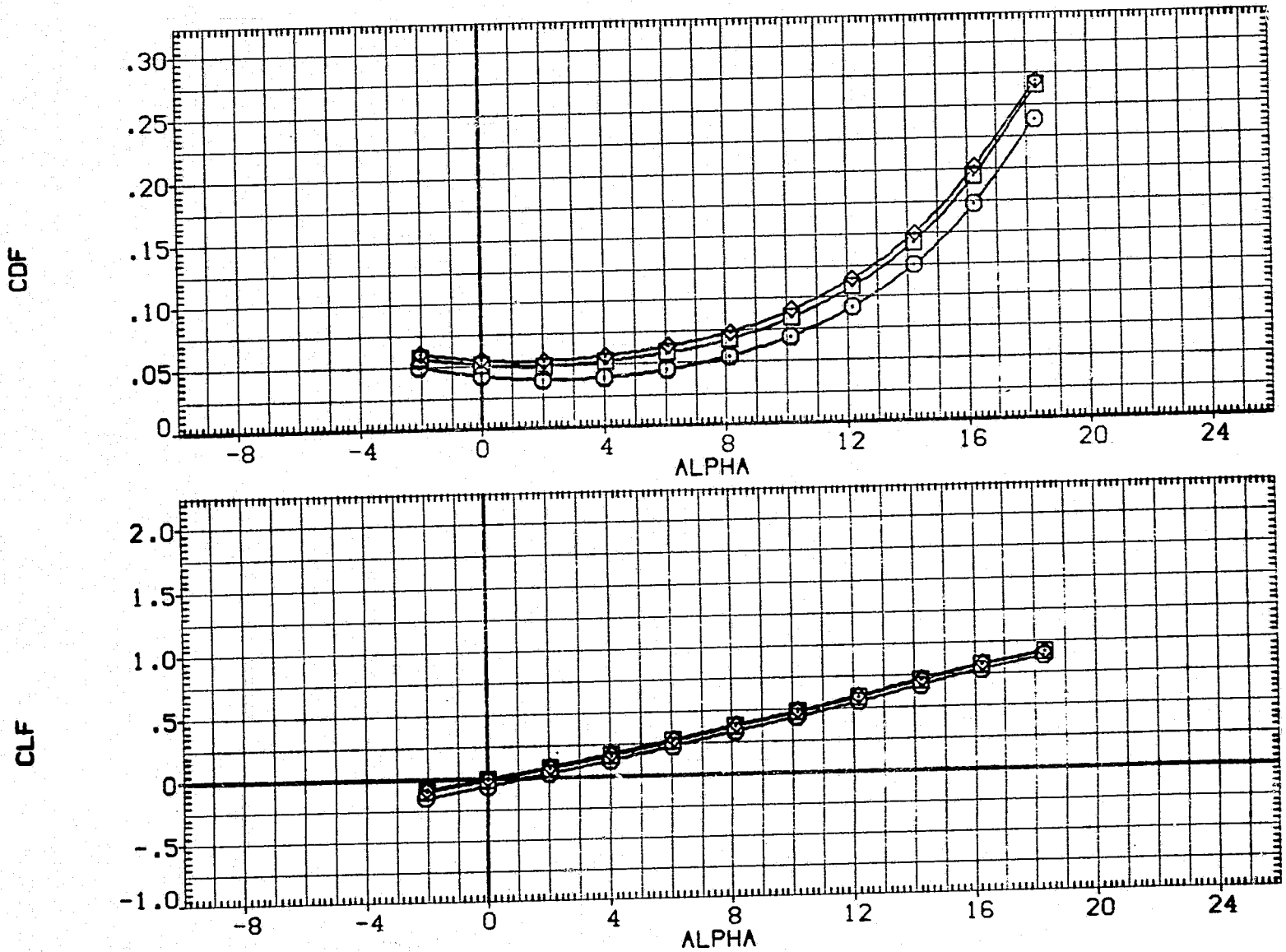


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB017)	□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(AFB031)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

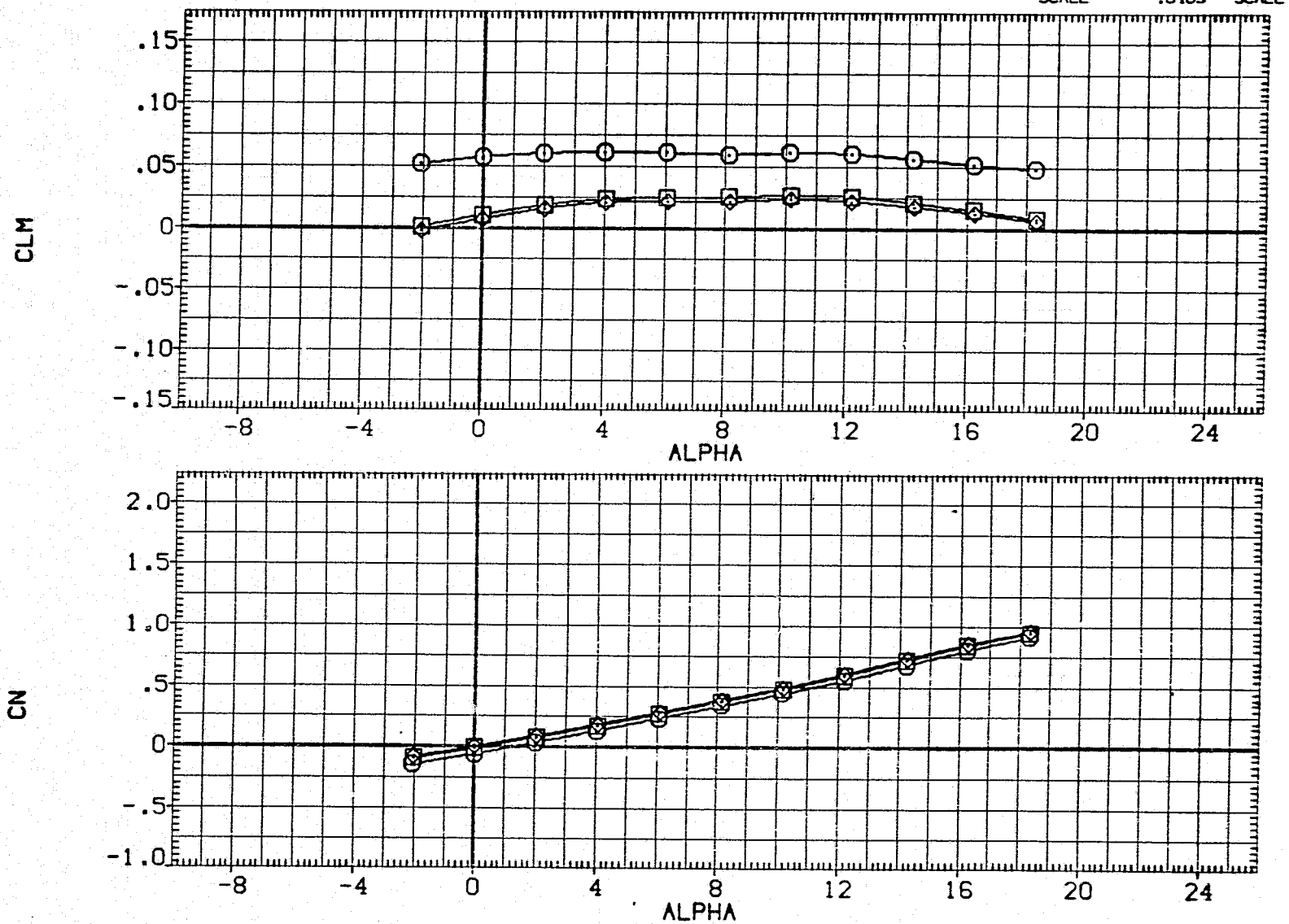


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
[AFB001]	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
[AFB017]	□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
[AFB031]	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

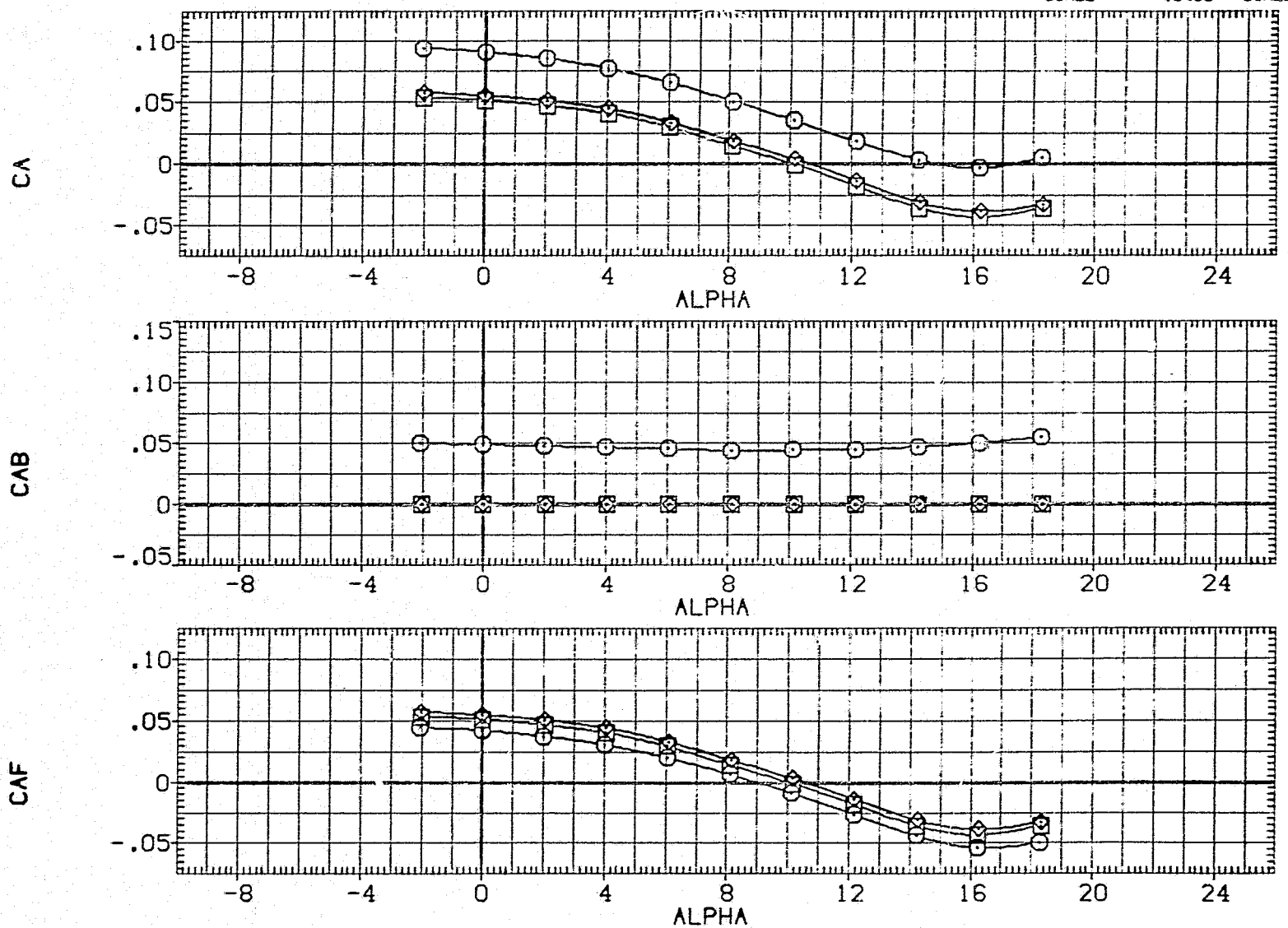


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB017)	□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(AFBG31)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

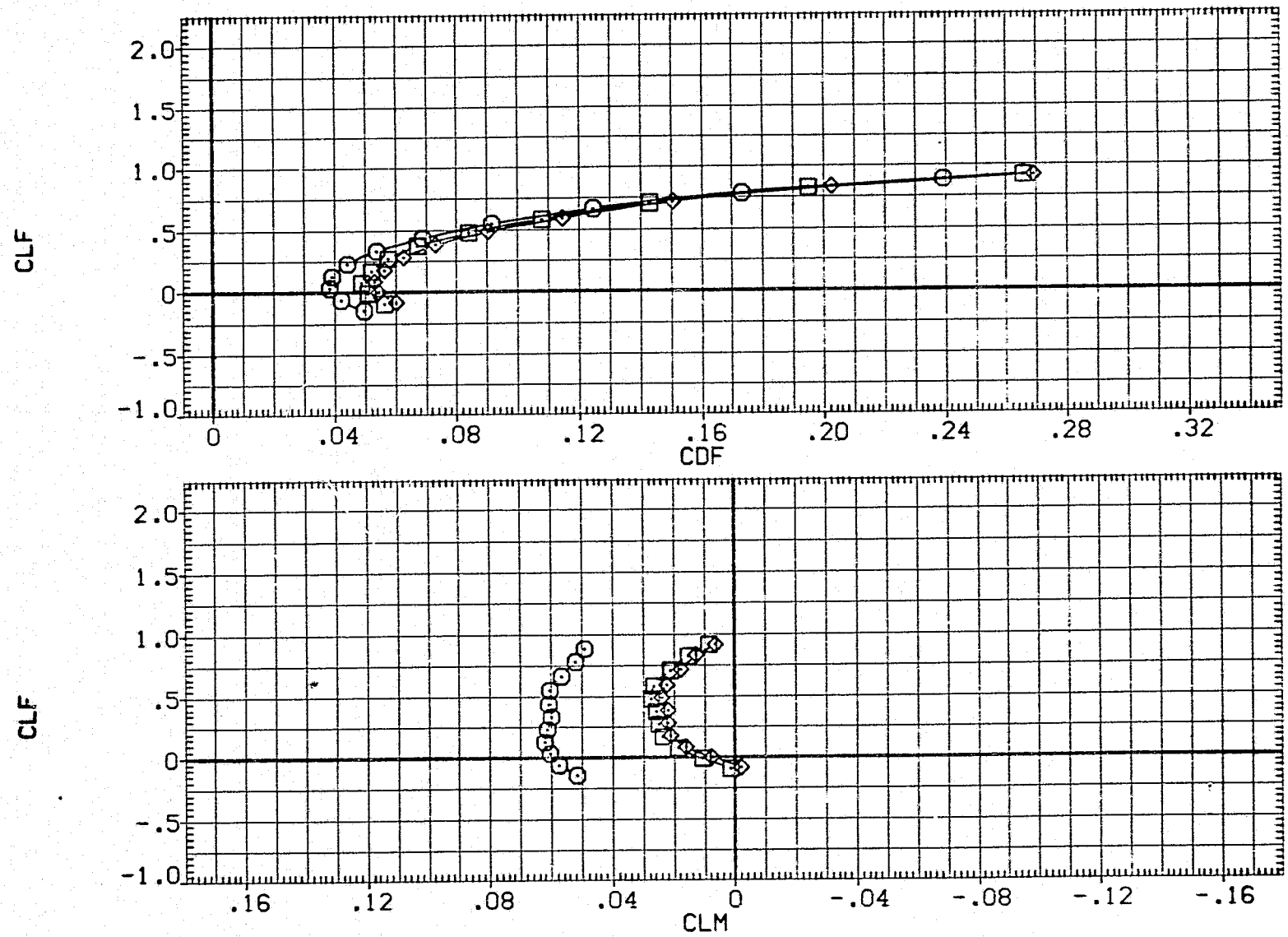
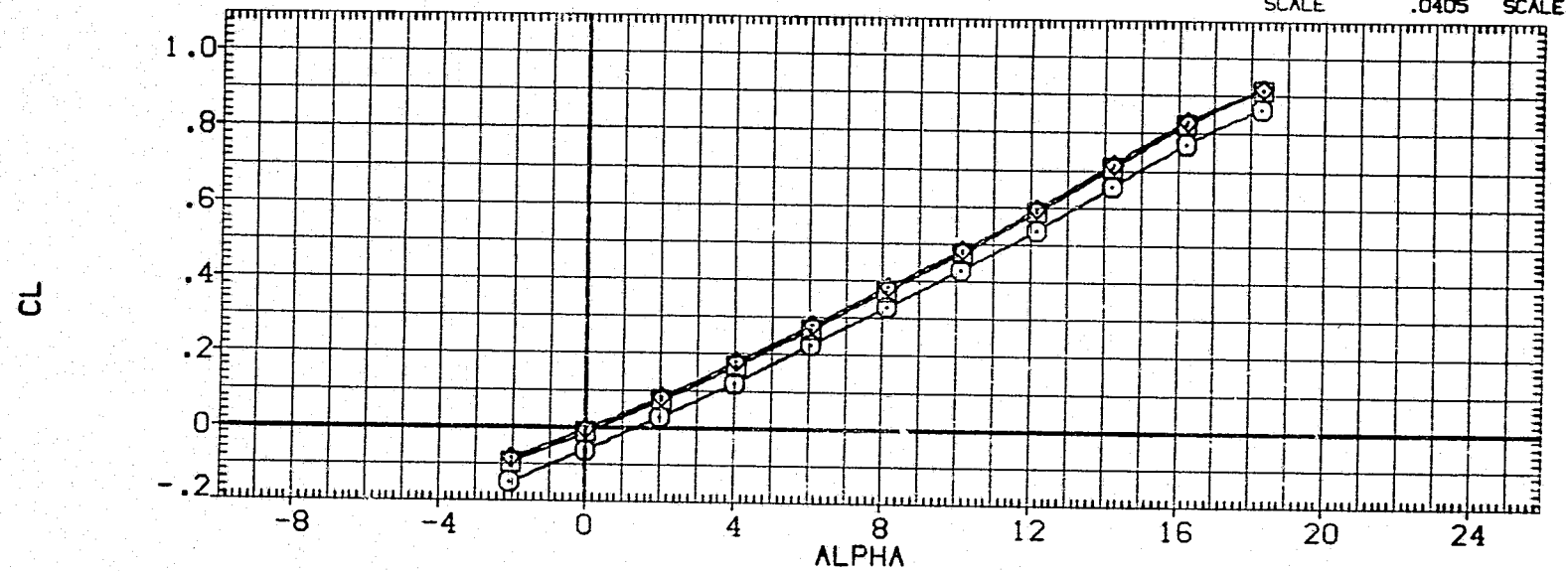


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB017)	□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(CFB031)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



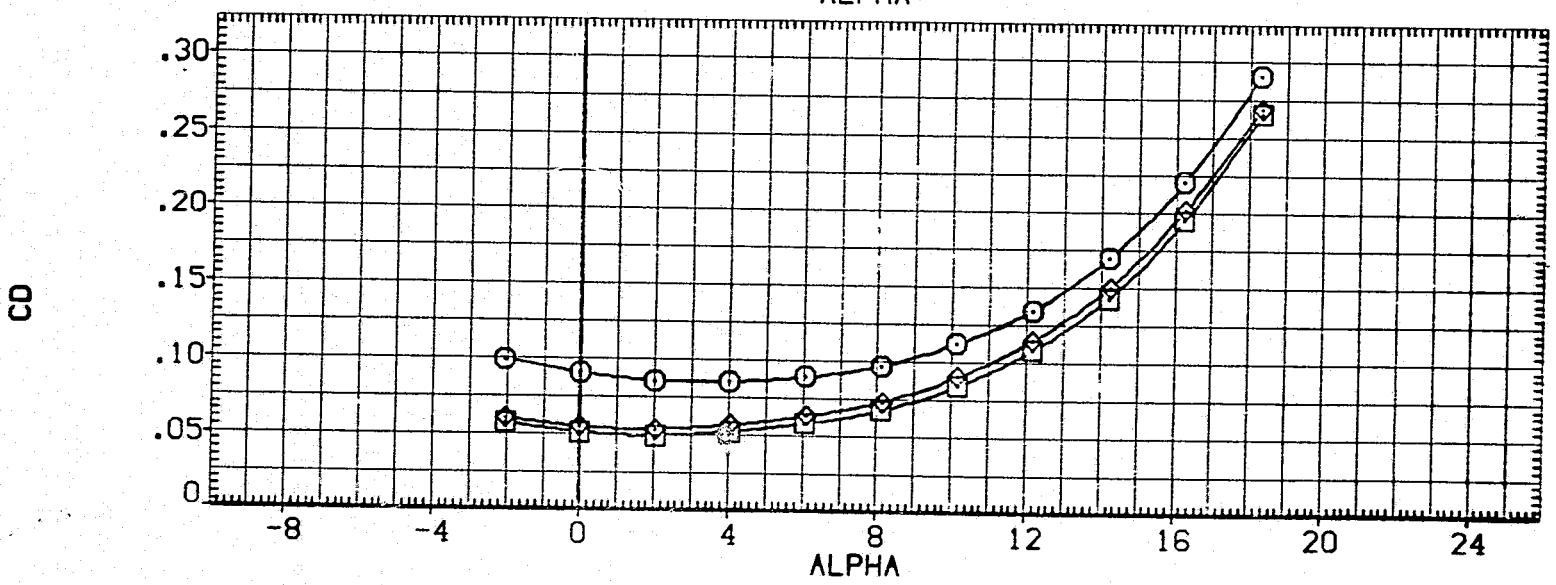


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W16E43V8R5 X9	.000	.000	25.000	
(CFB017)	□	0A124 B26C9 M16 W16E43V8R5TC8X9	.000	.000	25.000	
(CFB031)	◇	0A124 B26C9 M16 W16E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

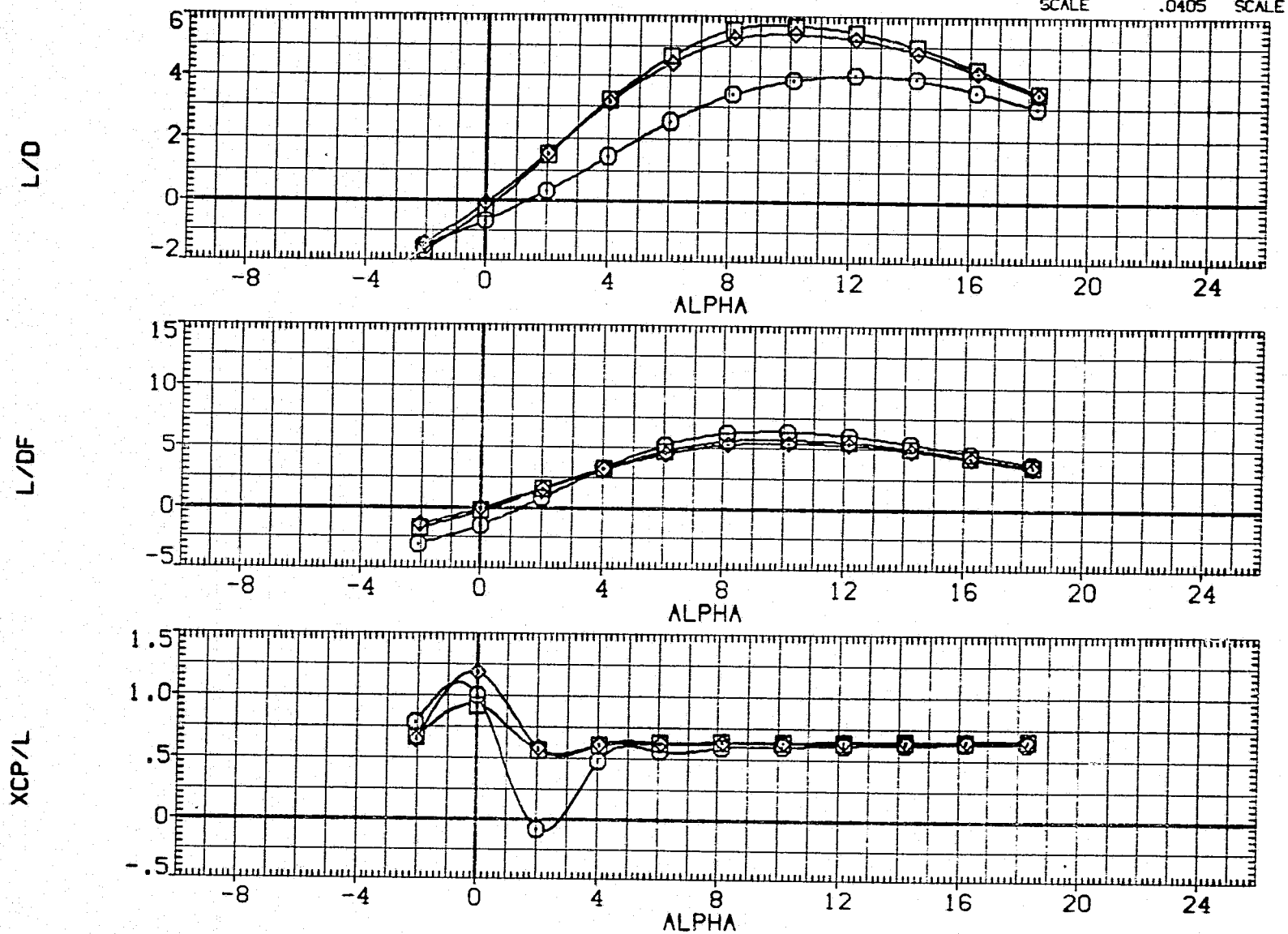


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB017)	◁□	0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(CFB031)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

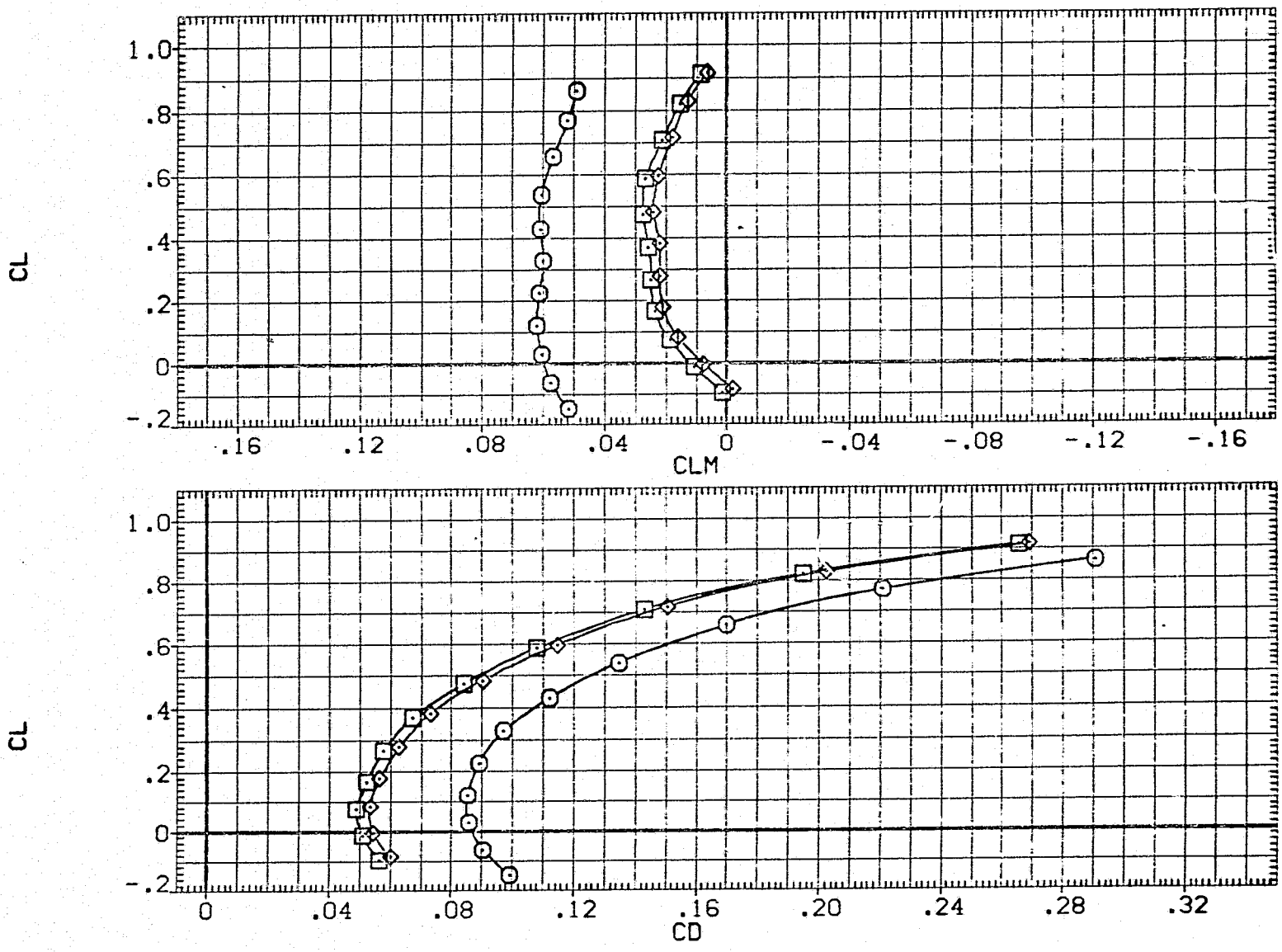


FIG. 6 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH OUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB024)	□	0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB029)	◇	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(AFB053)	▷	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

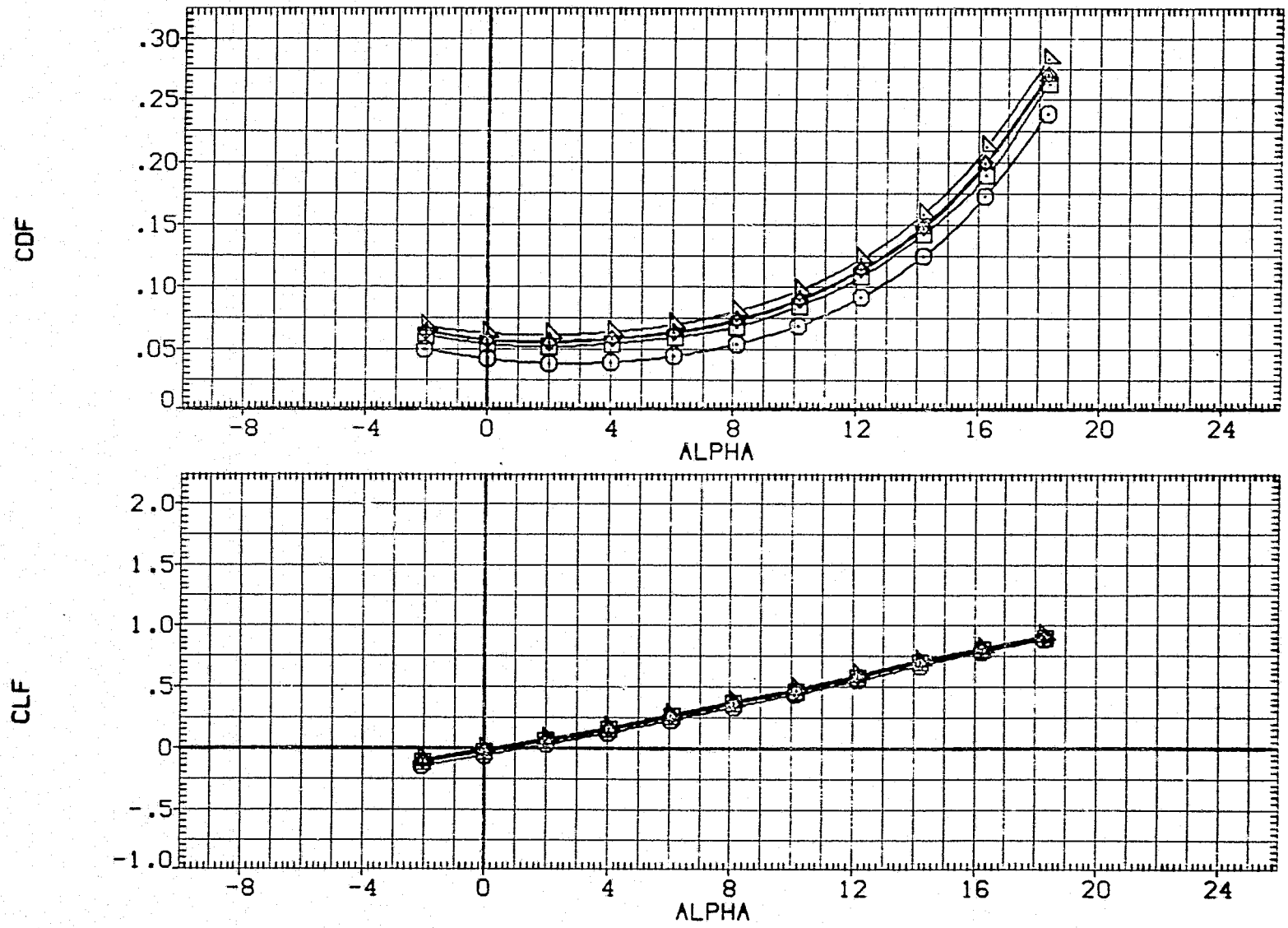


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB024)	□	0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB029)	◇	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(AFB053)	▷	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

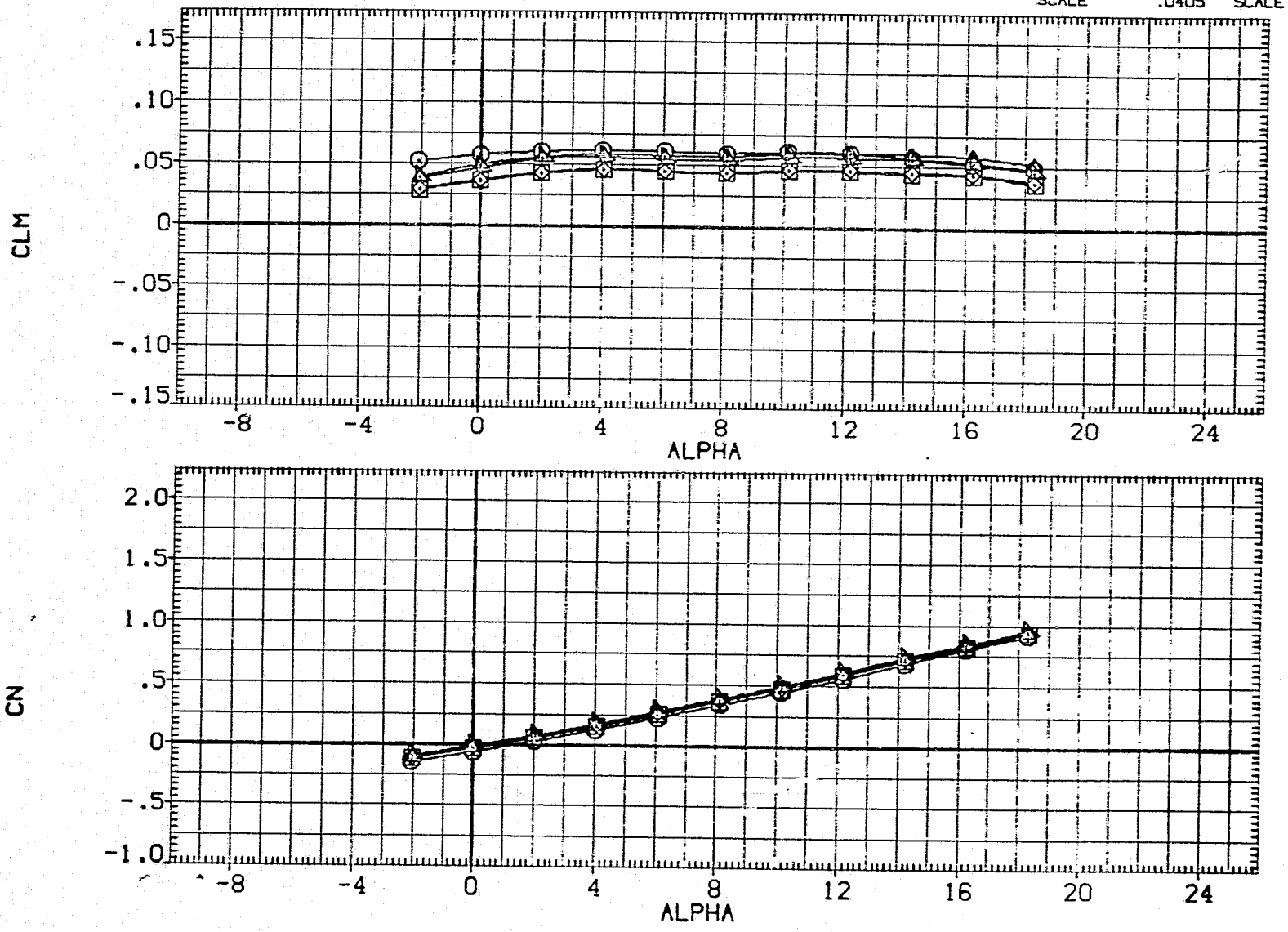


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB024)		0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(AFB029)		0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB035)		0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(AFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

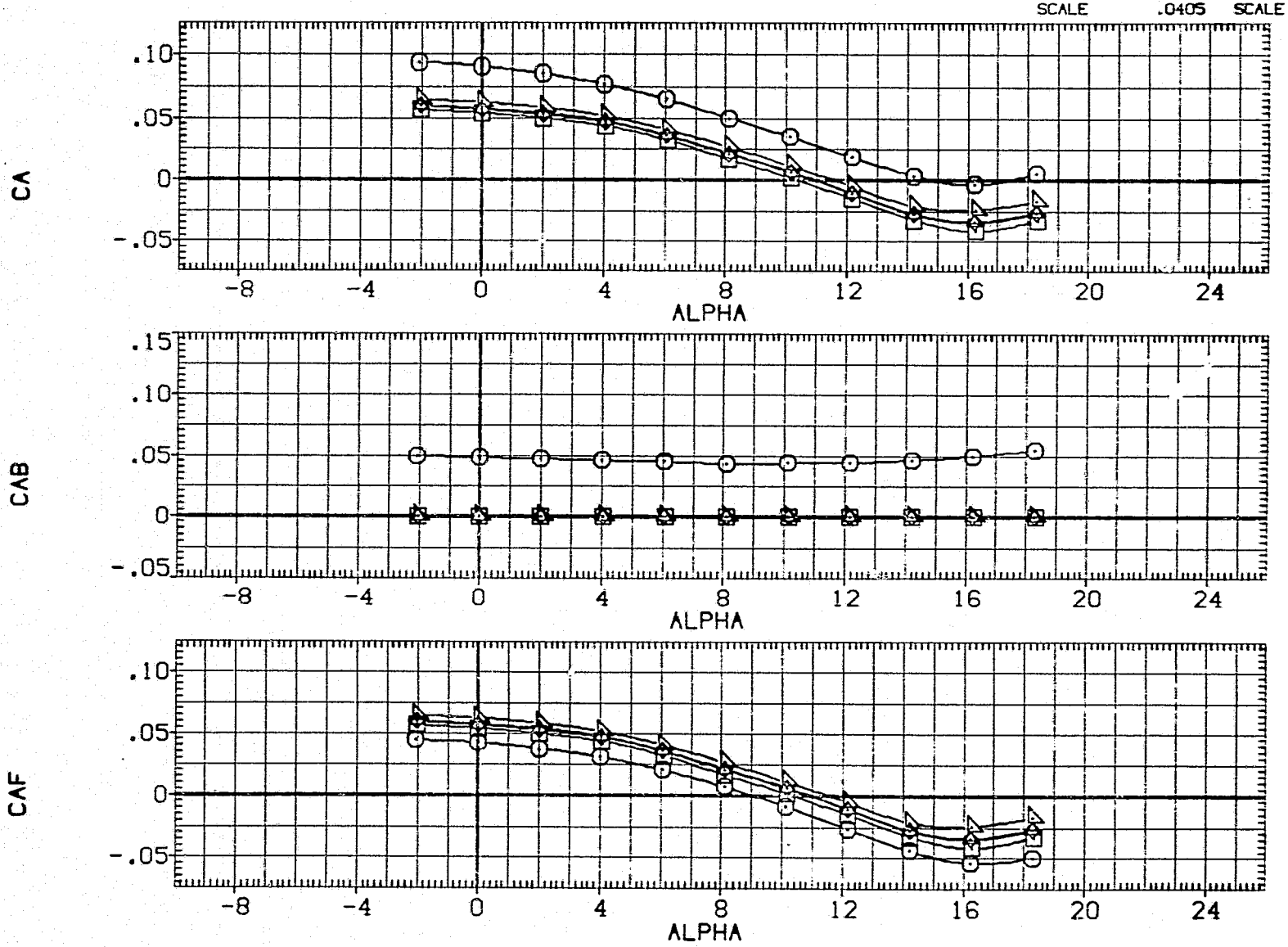


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
[AFB001]		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
[AFB024]		0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-15.000
[AFB029]		0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
[AFB035]		0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
[AFB053]		0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

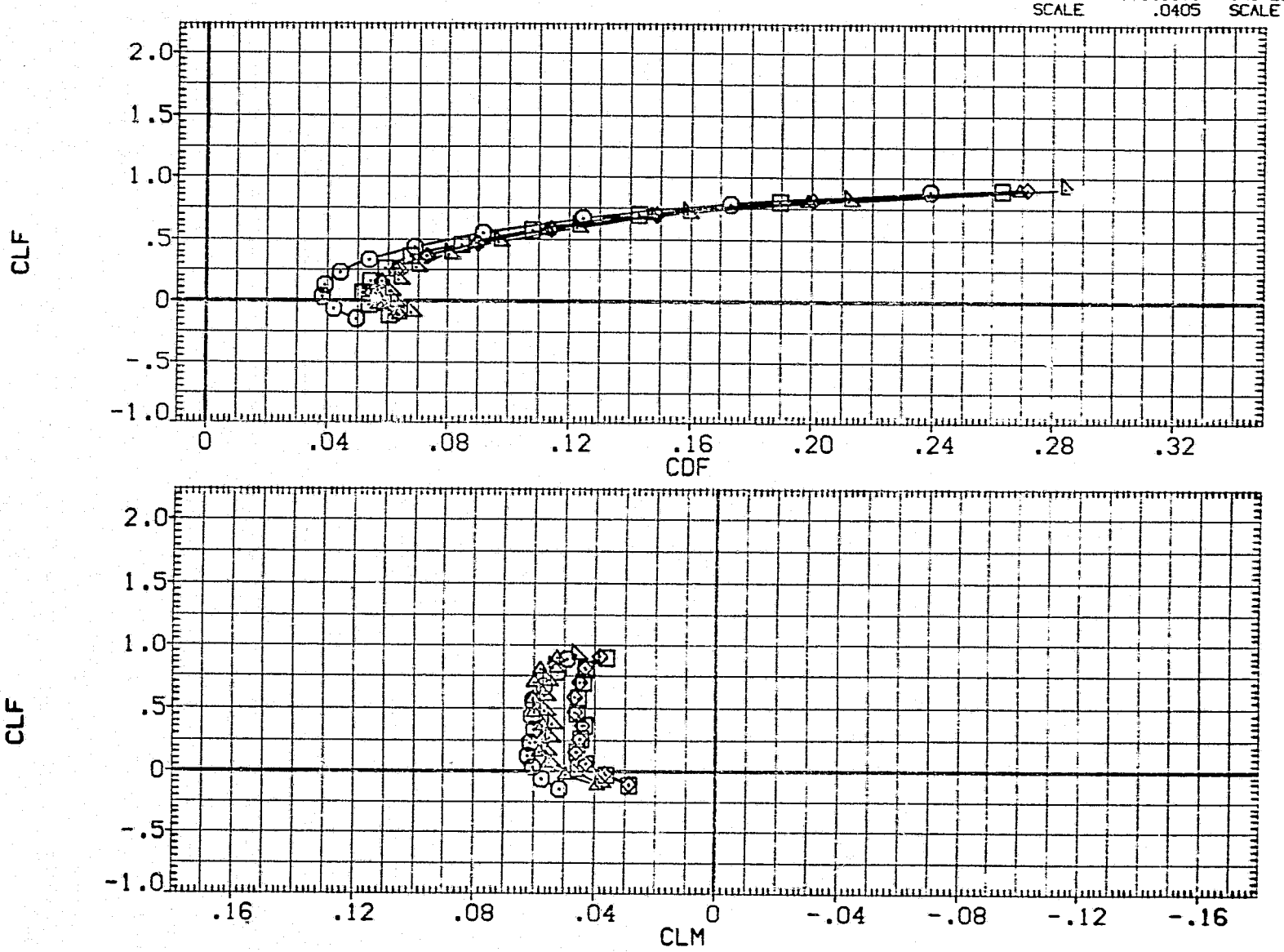


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPOBRK	DHORIZ
(CFB001)	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB024)	0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB029)	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-16.000
(CFB035)	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(CFB053)	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

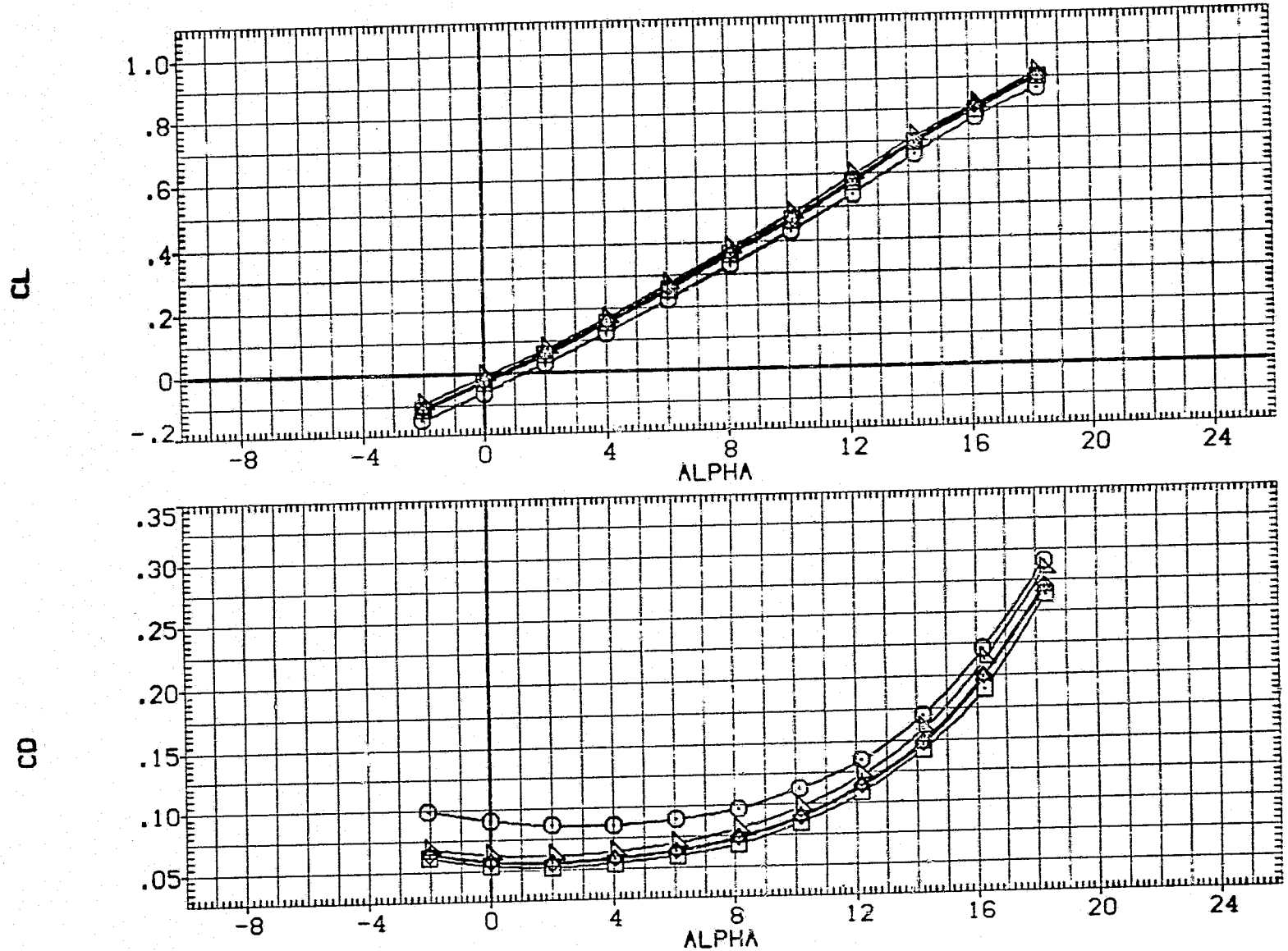


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB024)	□	0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB029)	◇	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(CFB035)	⧖	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(CFB053)	◺	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

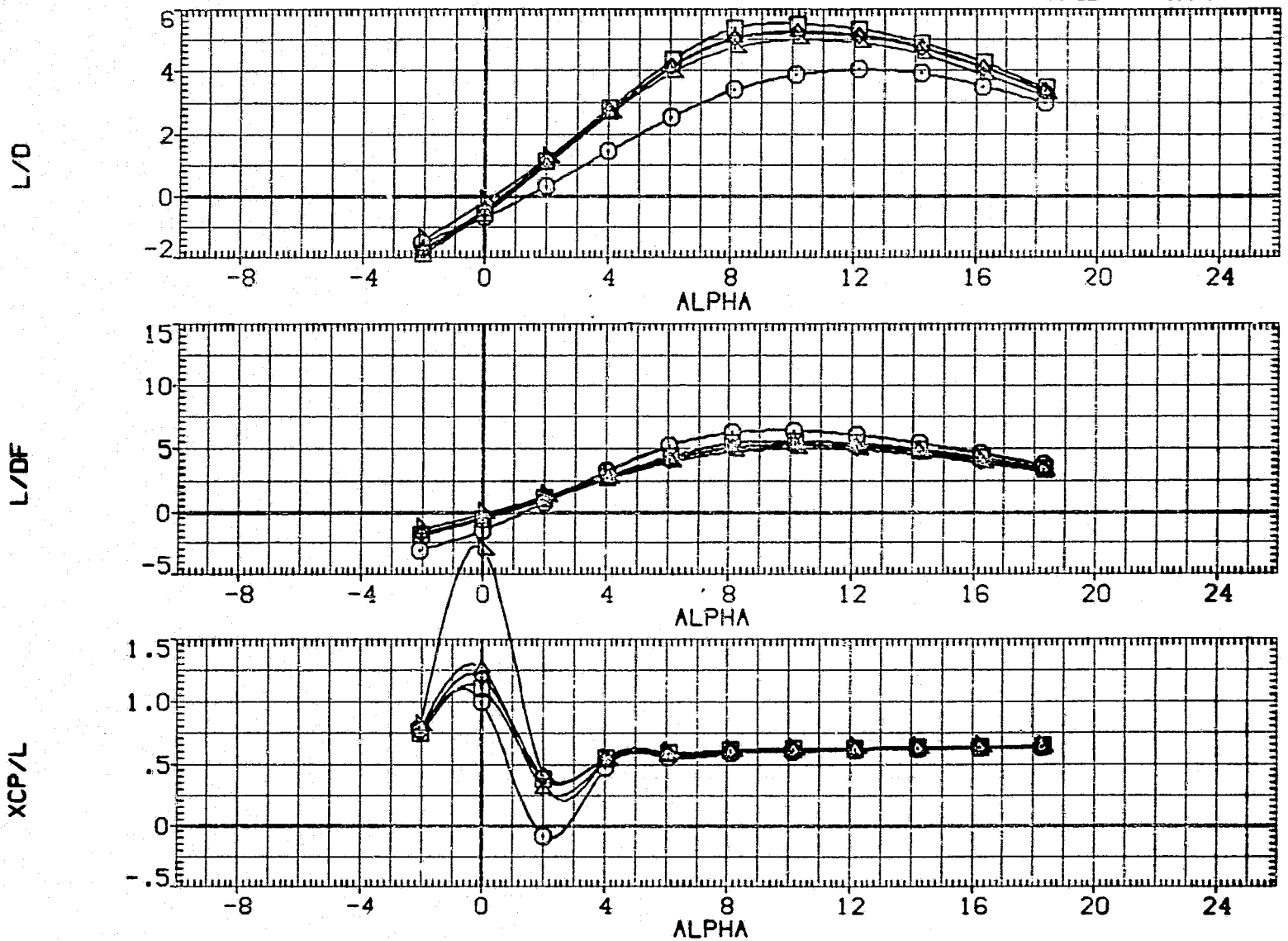
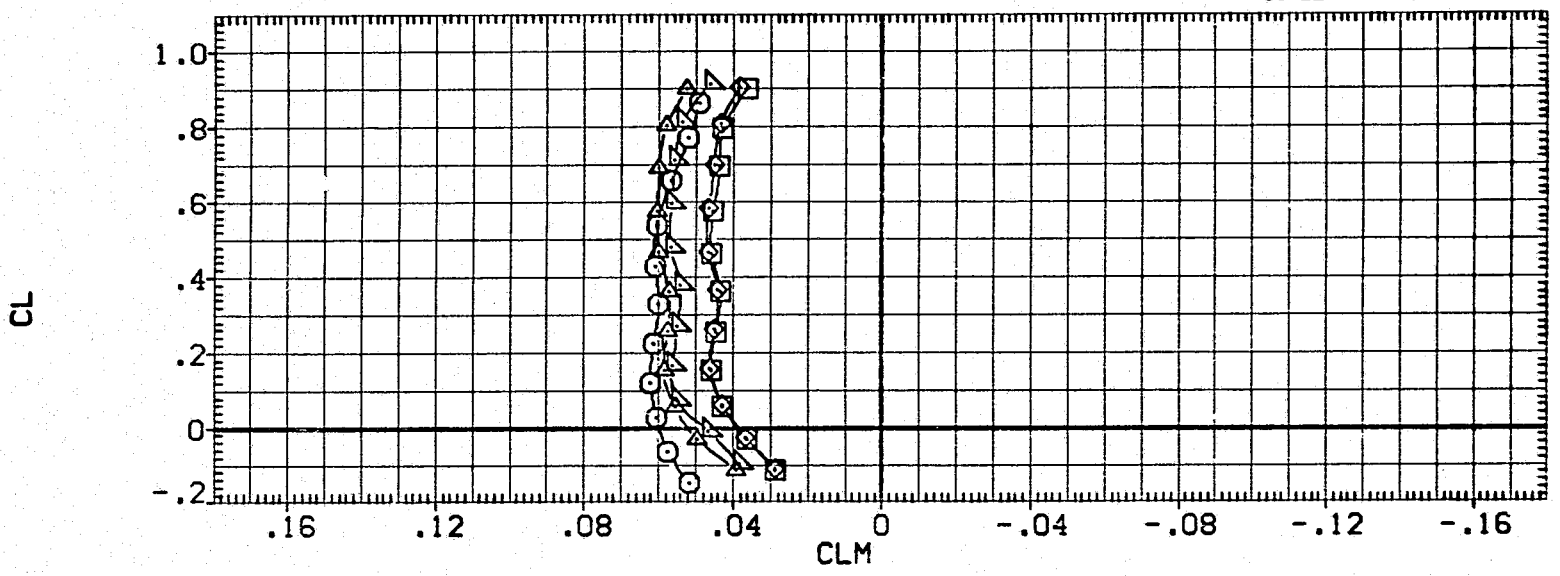


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB024)		0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(CFB029)		0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(CFB035)		0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(CFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



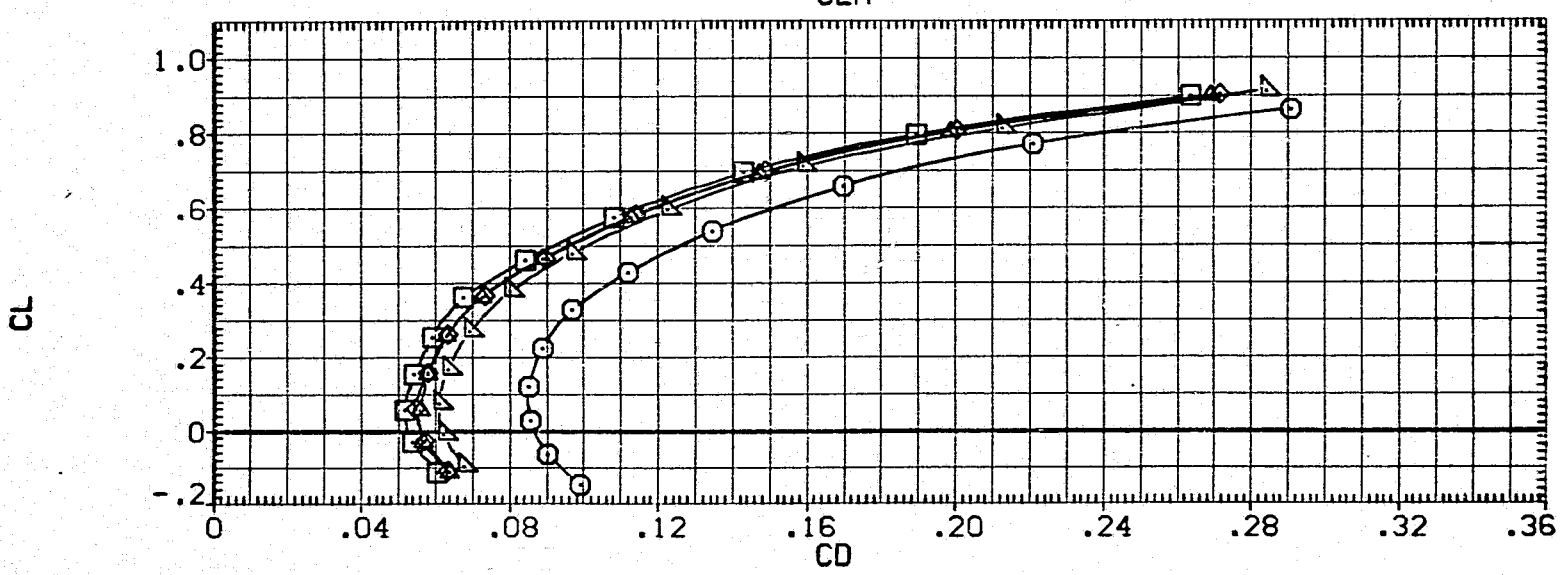


FIG. 7 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB046)	□	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(AFB054)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

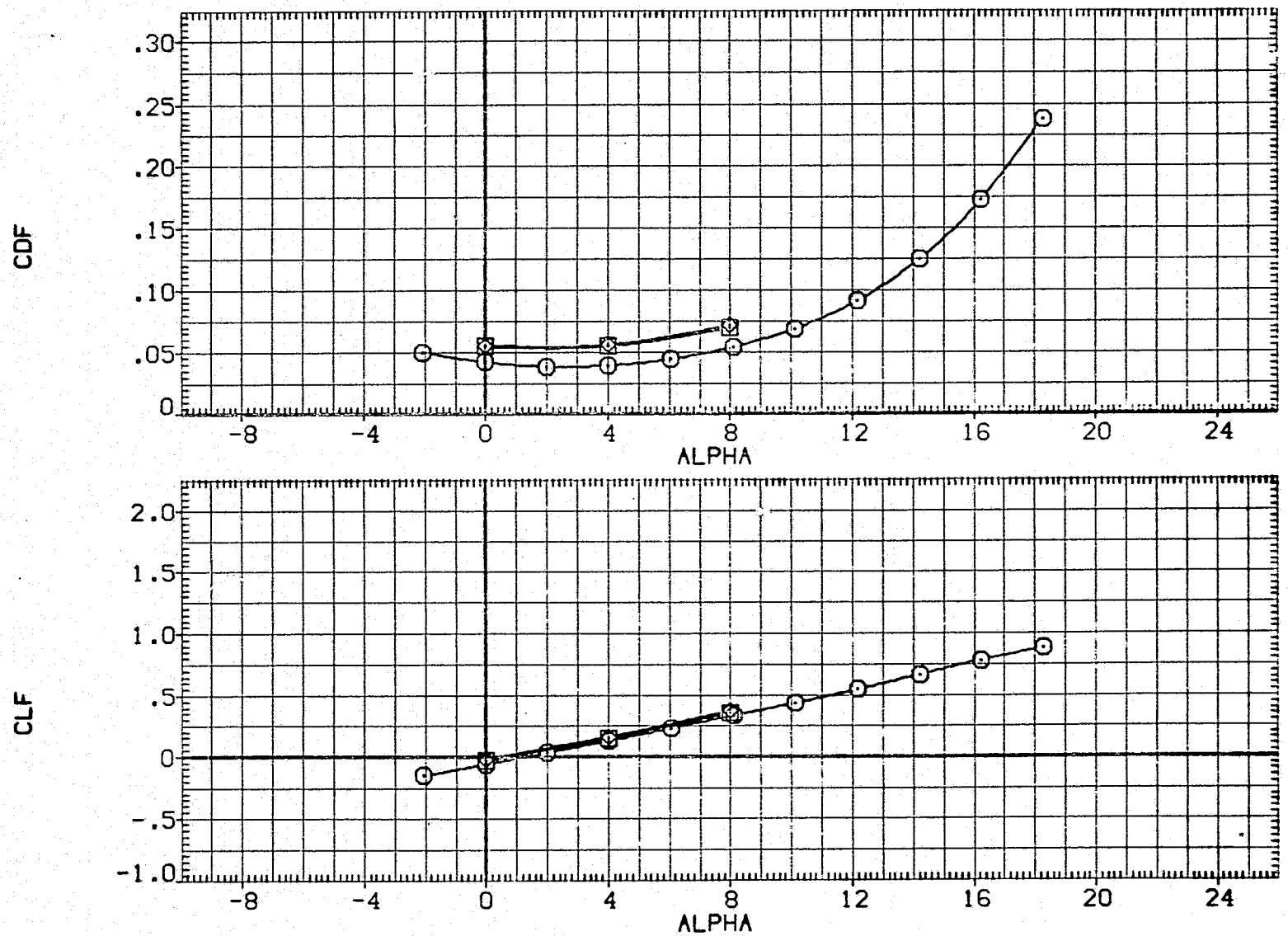


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB046)	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(AFB054)	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

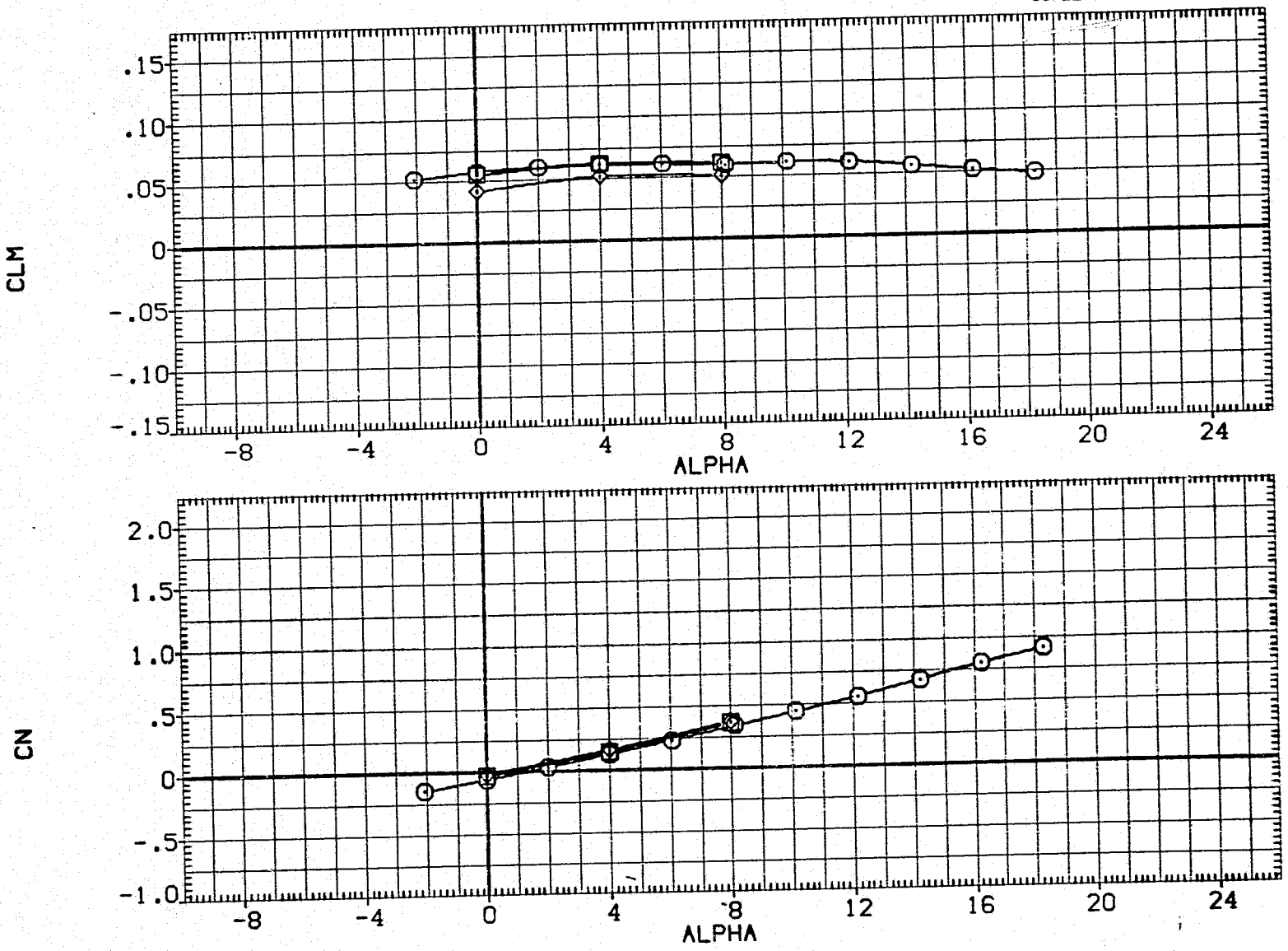


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPOBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N20W116E43V8R5 X9	.000	.000	25.000	
(AFB046)	□	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(AFB054)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

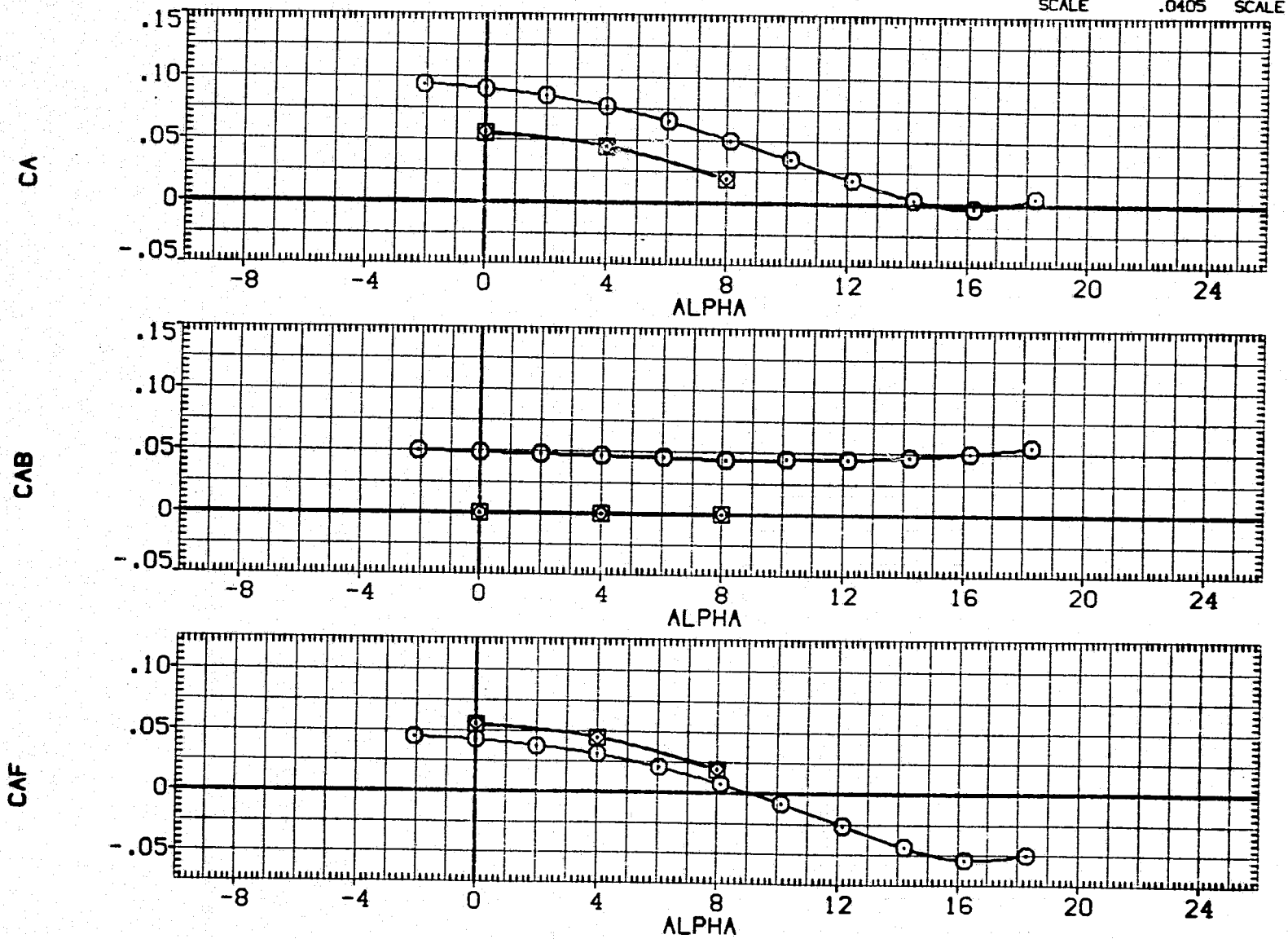


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB046)	□	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(AFB054)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

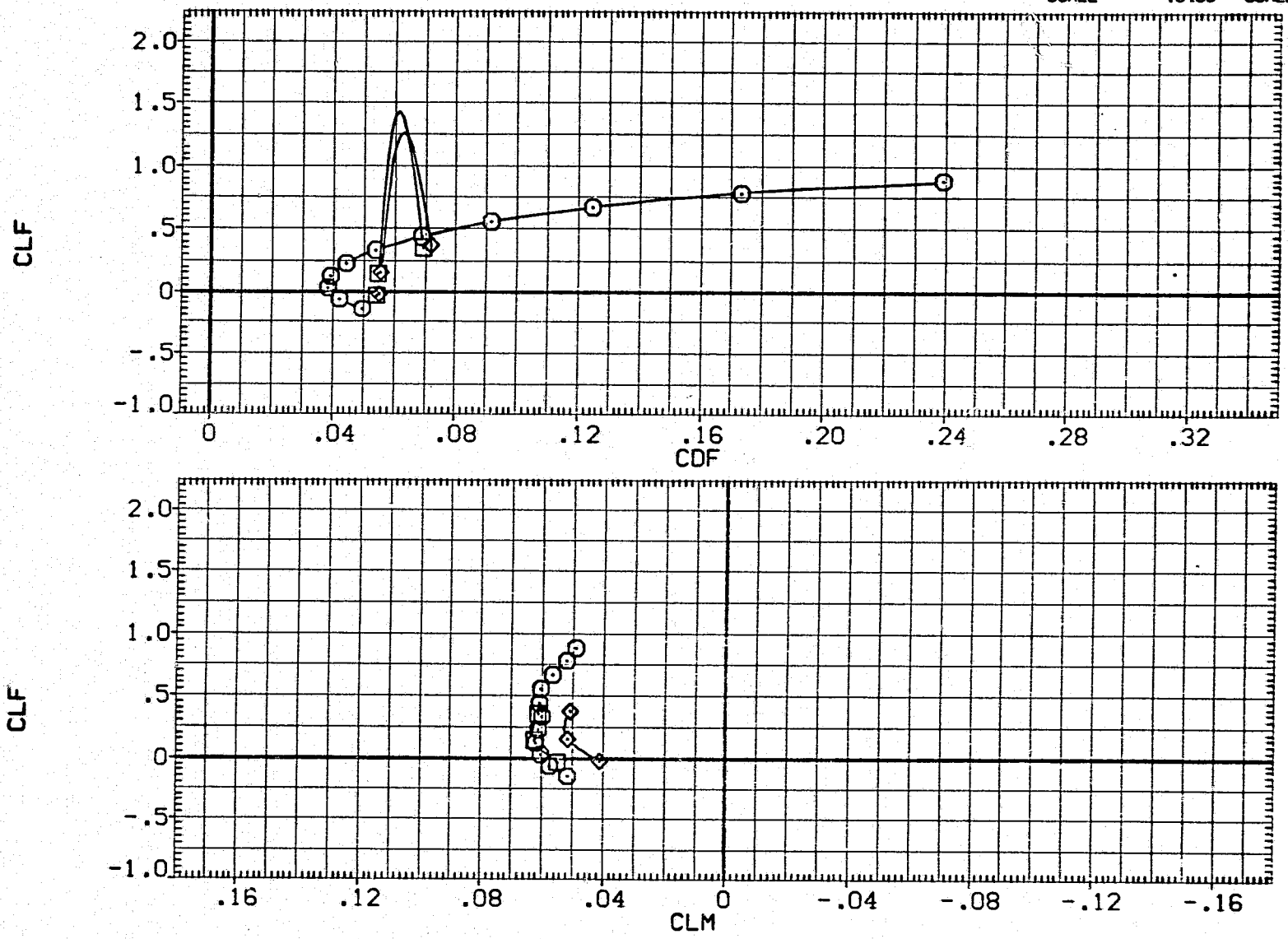


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001) ○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB046) □	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(CFB054) ◇	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

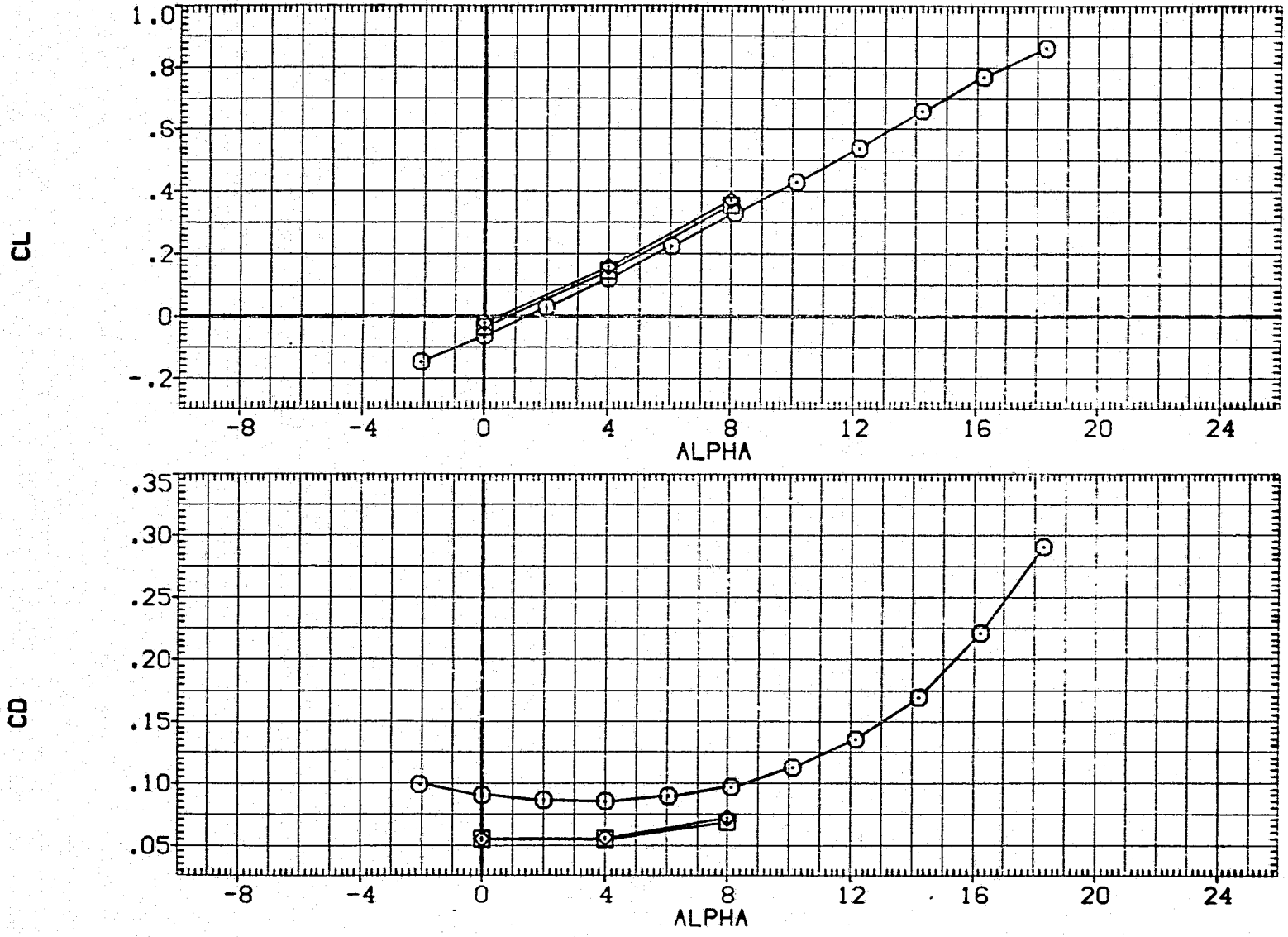


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB046)	□	0A124 B26C9 M16 W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(CFB054)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

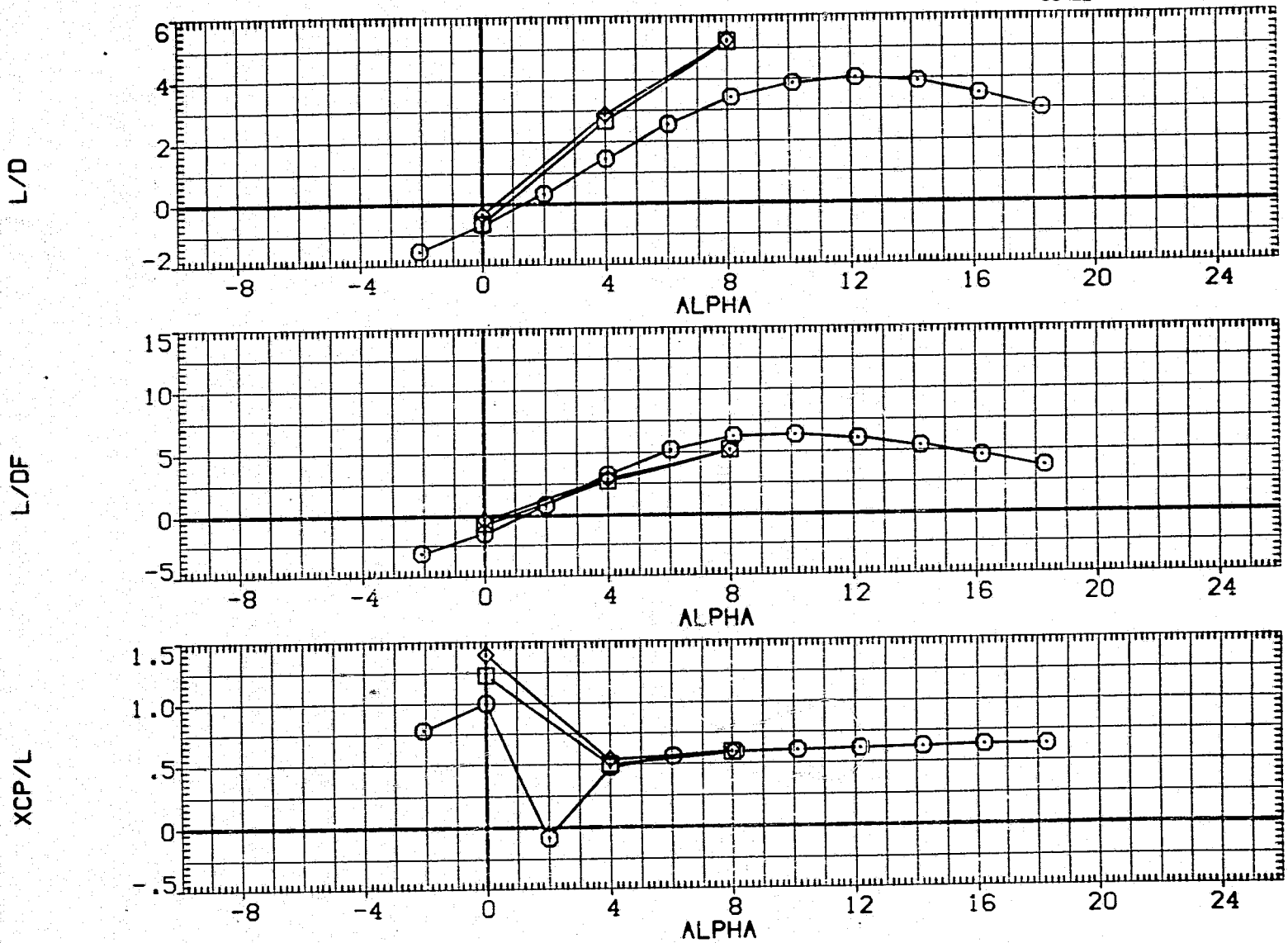
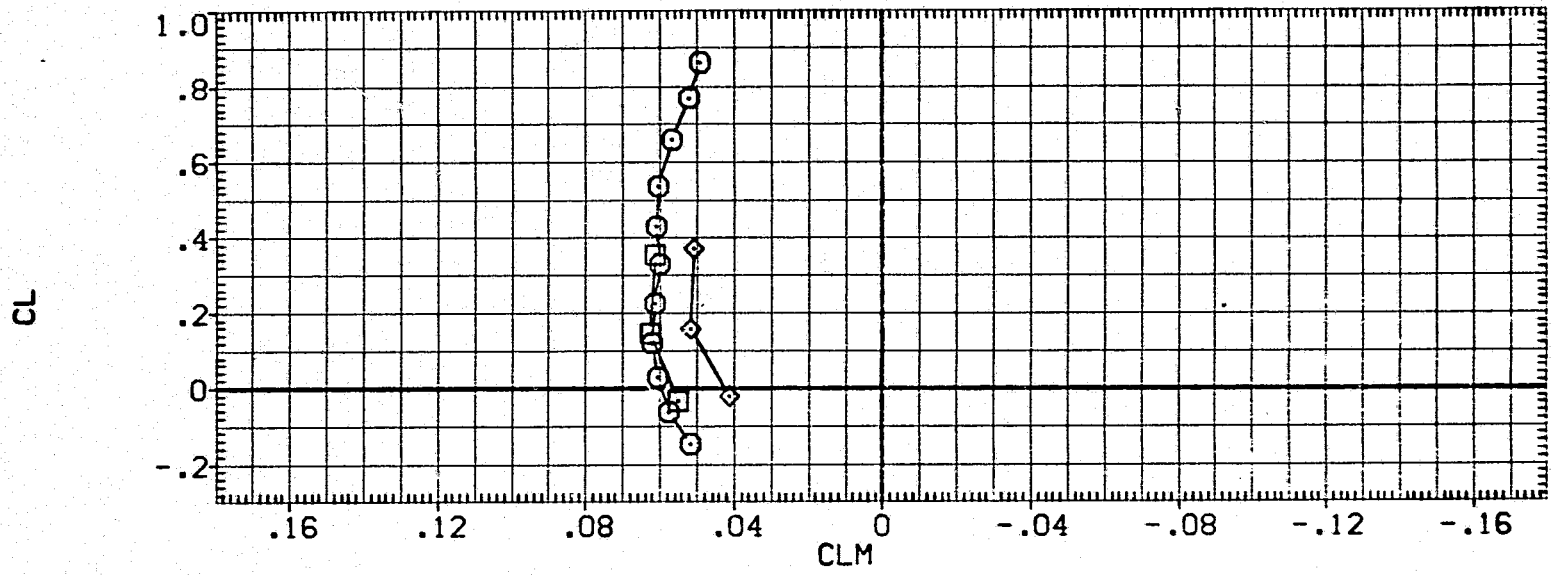


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	▭	0A124	B50C9F8	M16N28V116E43V8R5	X9	.000	.000	25.000	
(CFB046)	□	0A124	B26C9	M16	V116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(CFB054)	◇	0A124	B26C9	M16	V116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



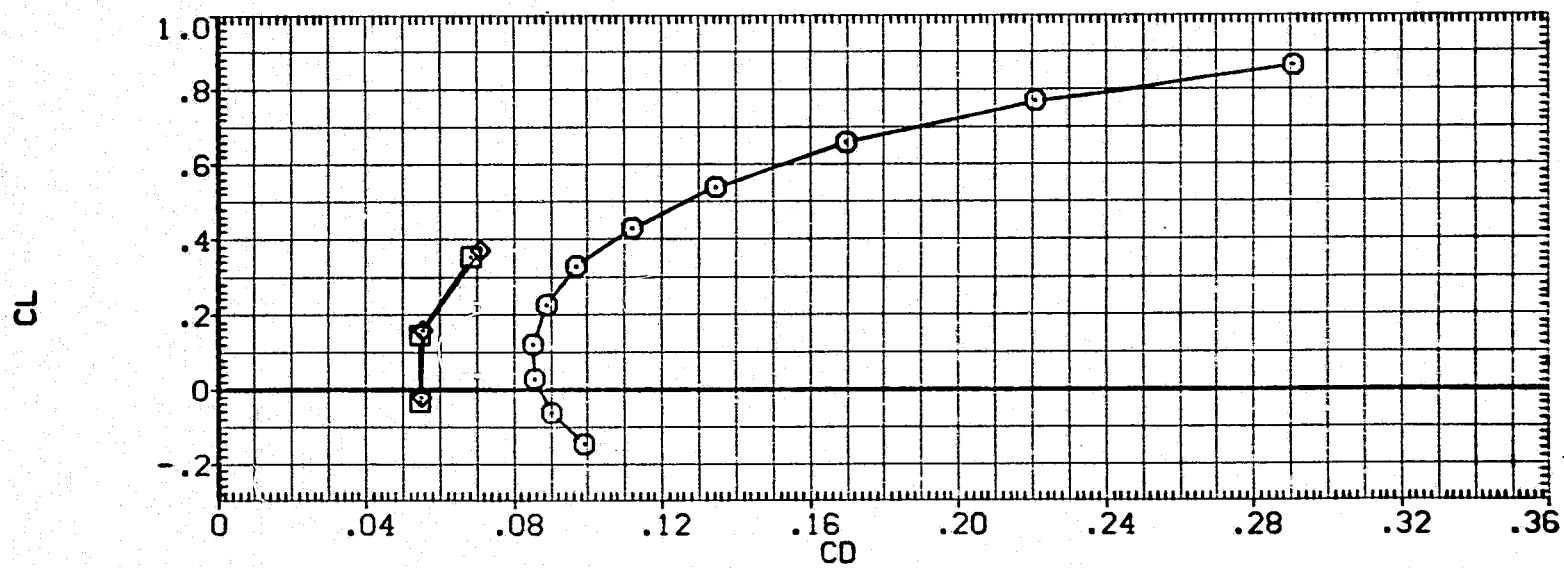


FIG. 8 LONGITUDINAL CHARACTERISTICS OF X3B PROTUBERANCES WITH TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W11GE43V8R5 X9	.000	.000	25.000	
(AFB029)	□	0A124 B26C9 M16 W11GE43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB033)	◇	0A124 B26C9 M16 W11GE43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(AFB035)	△	0A124 B26C9 M16 W11GE43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

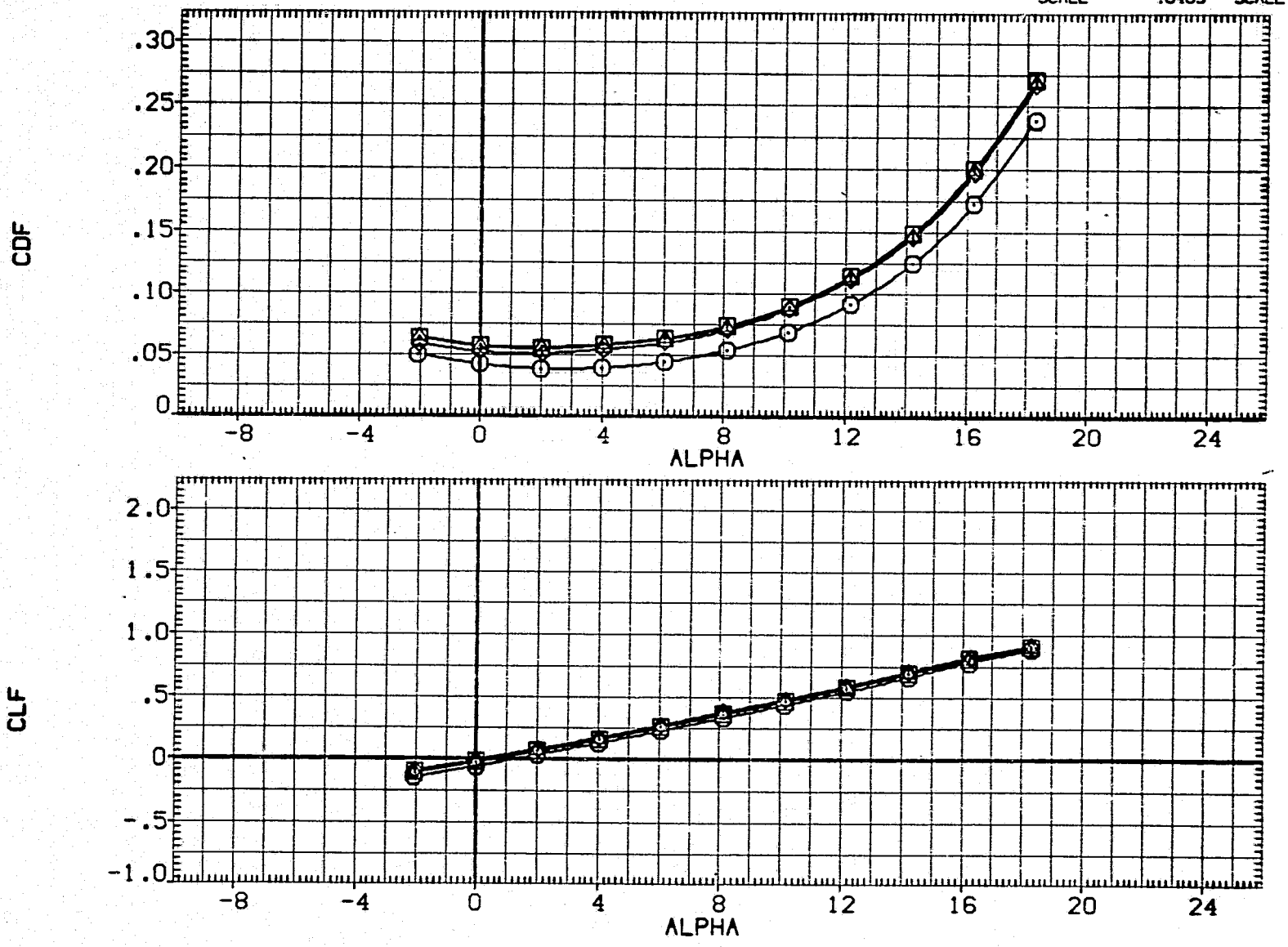


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPOBRK	DHORIZ
(AFB001)	○	0A124 B50C9FB M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(AFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

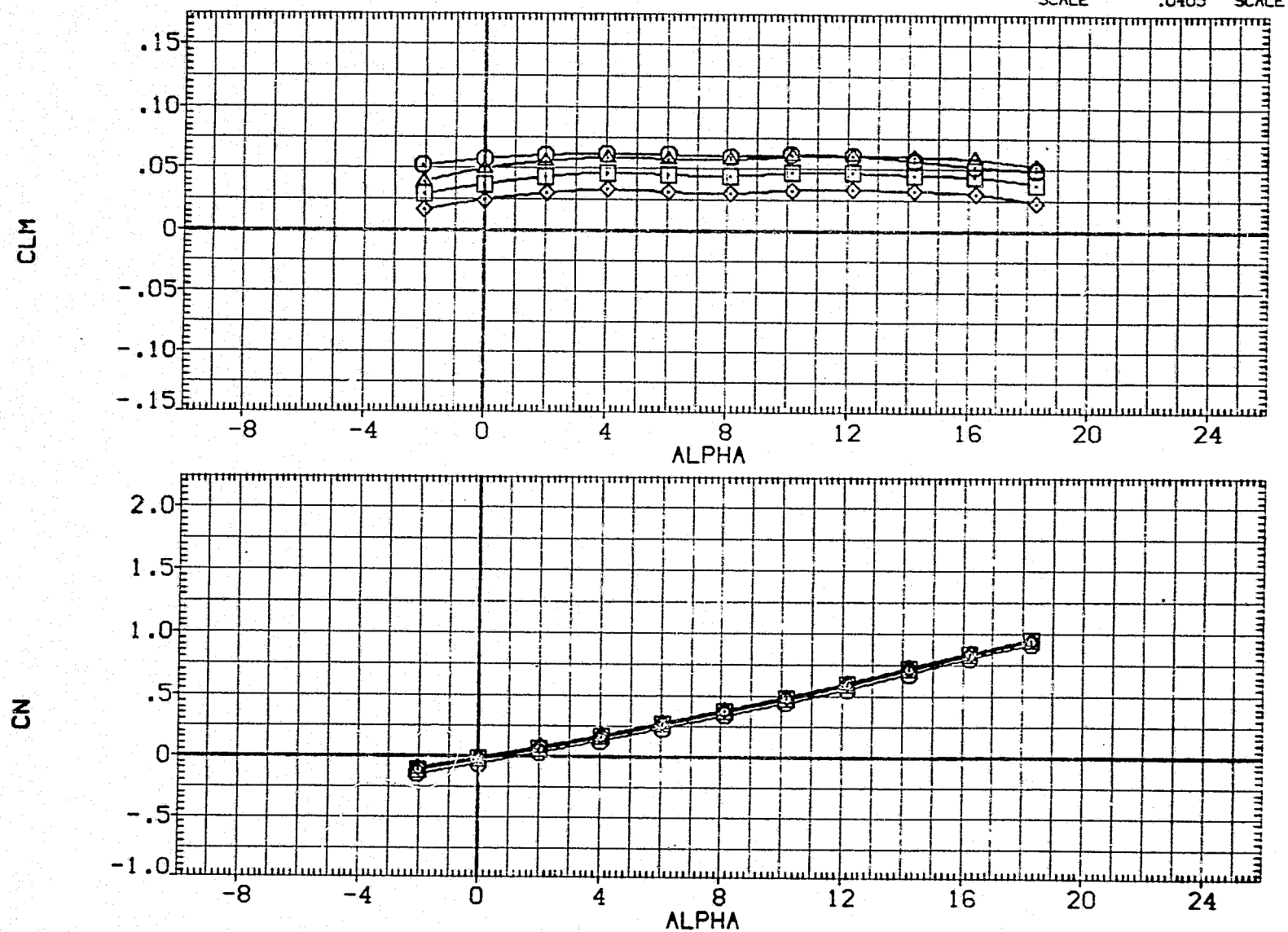


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(AFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1078.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

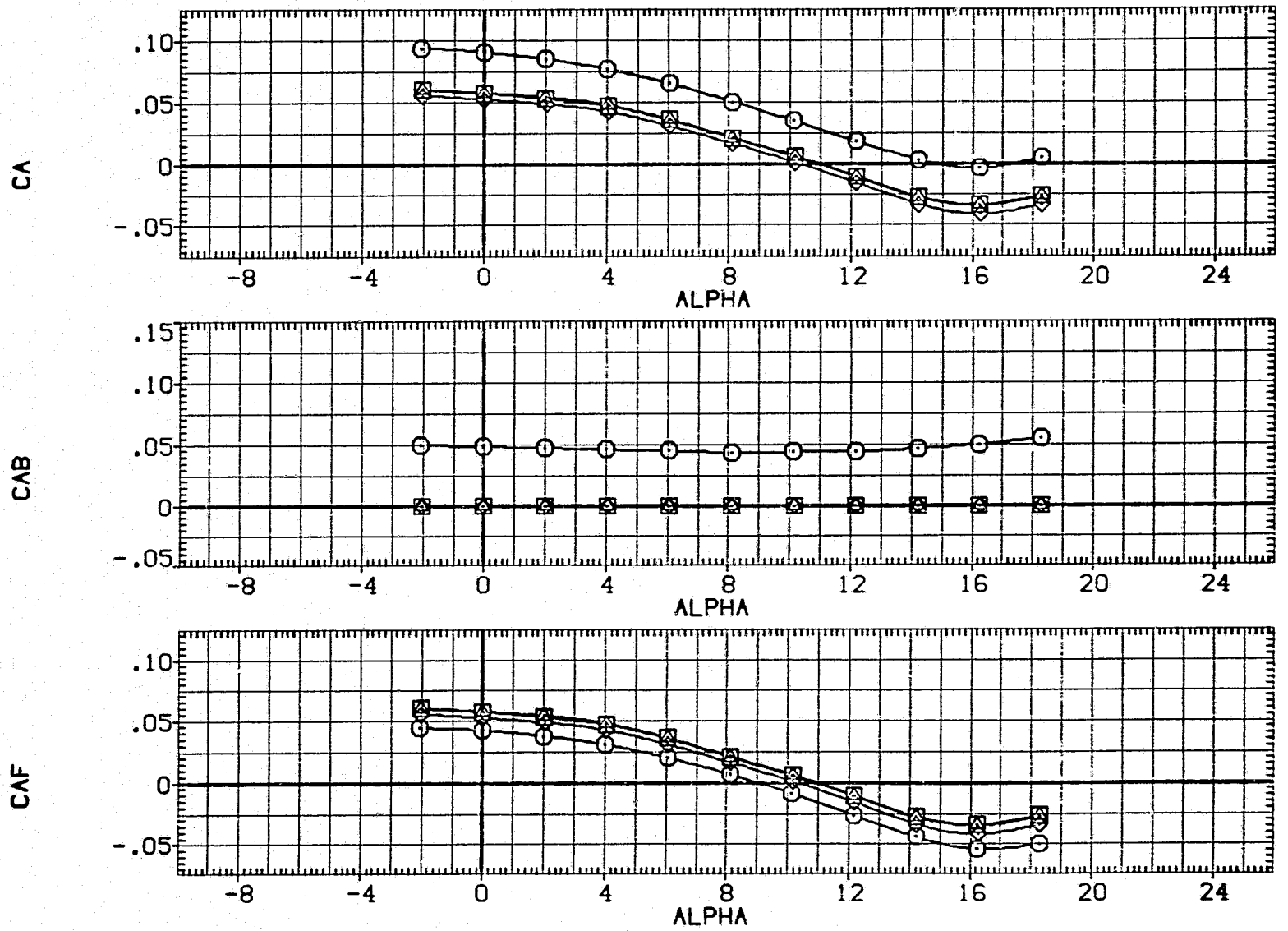


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(AFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(AFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

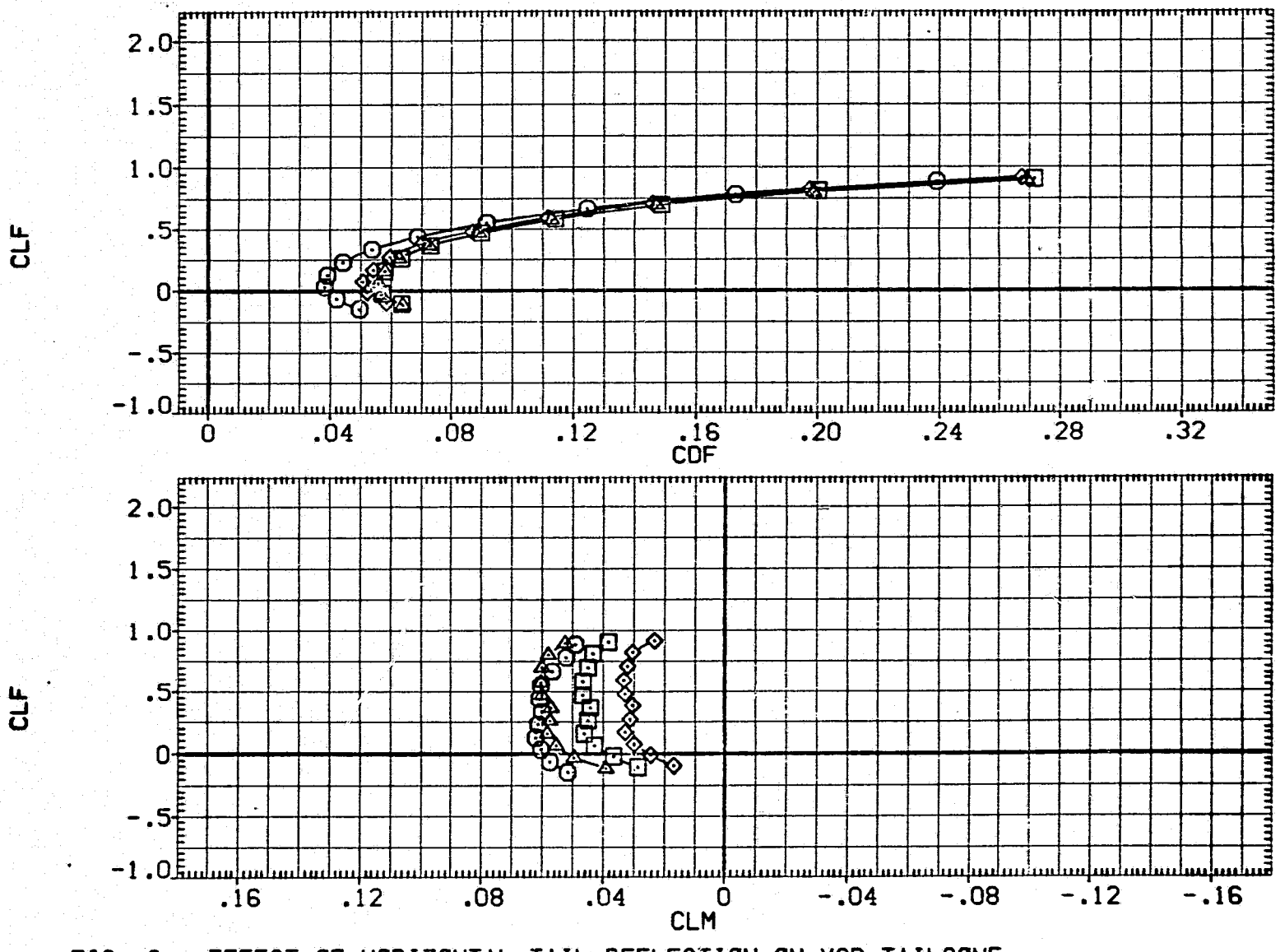


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

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OF POOR QUALITY

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(CFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(CFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

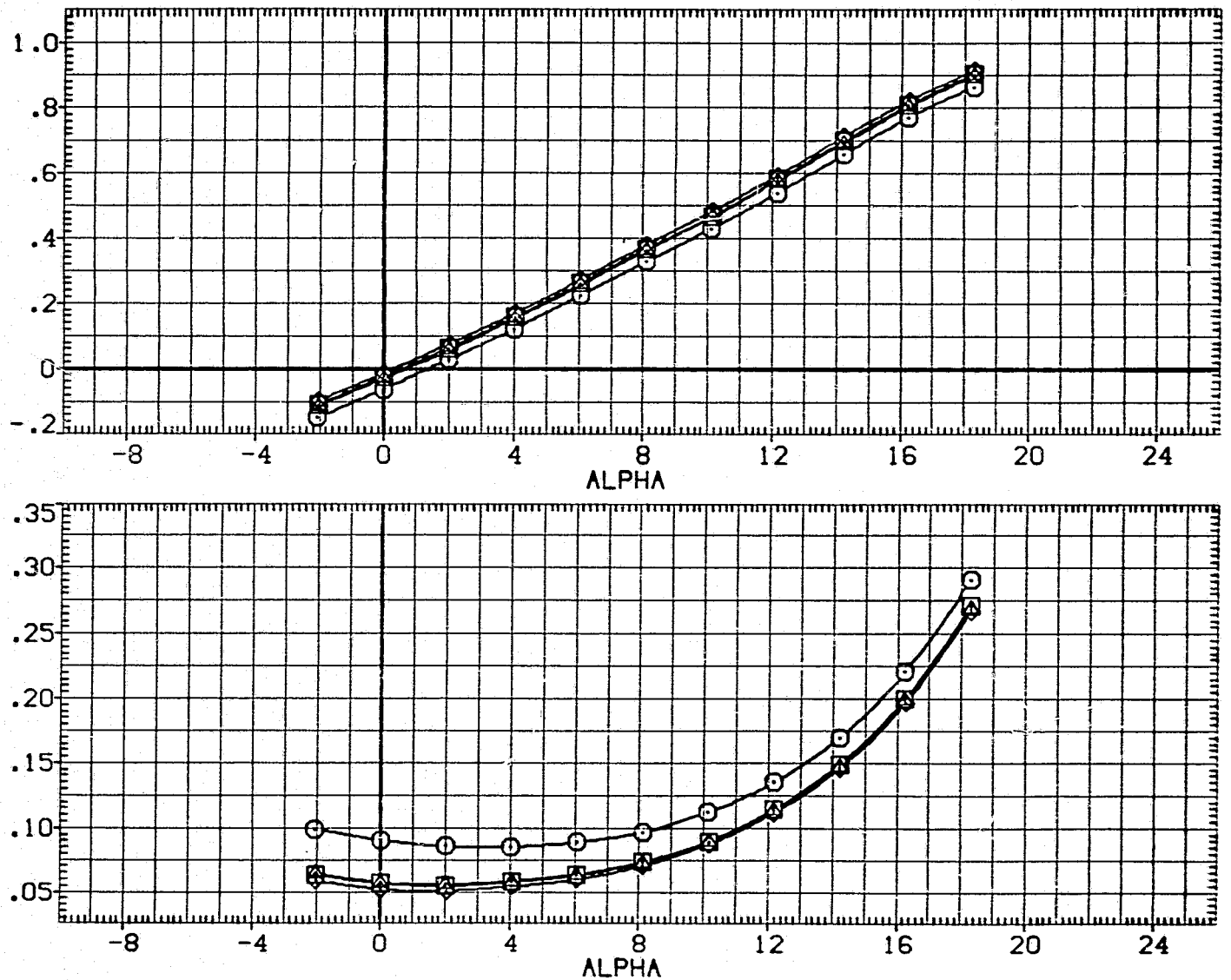


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(CFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(CFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

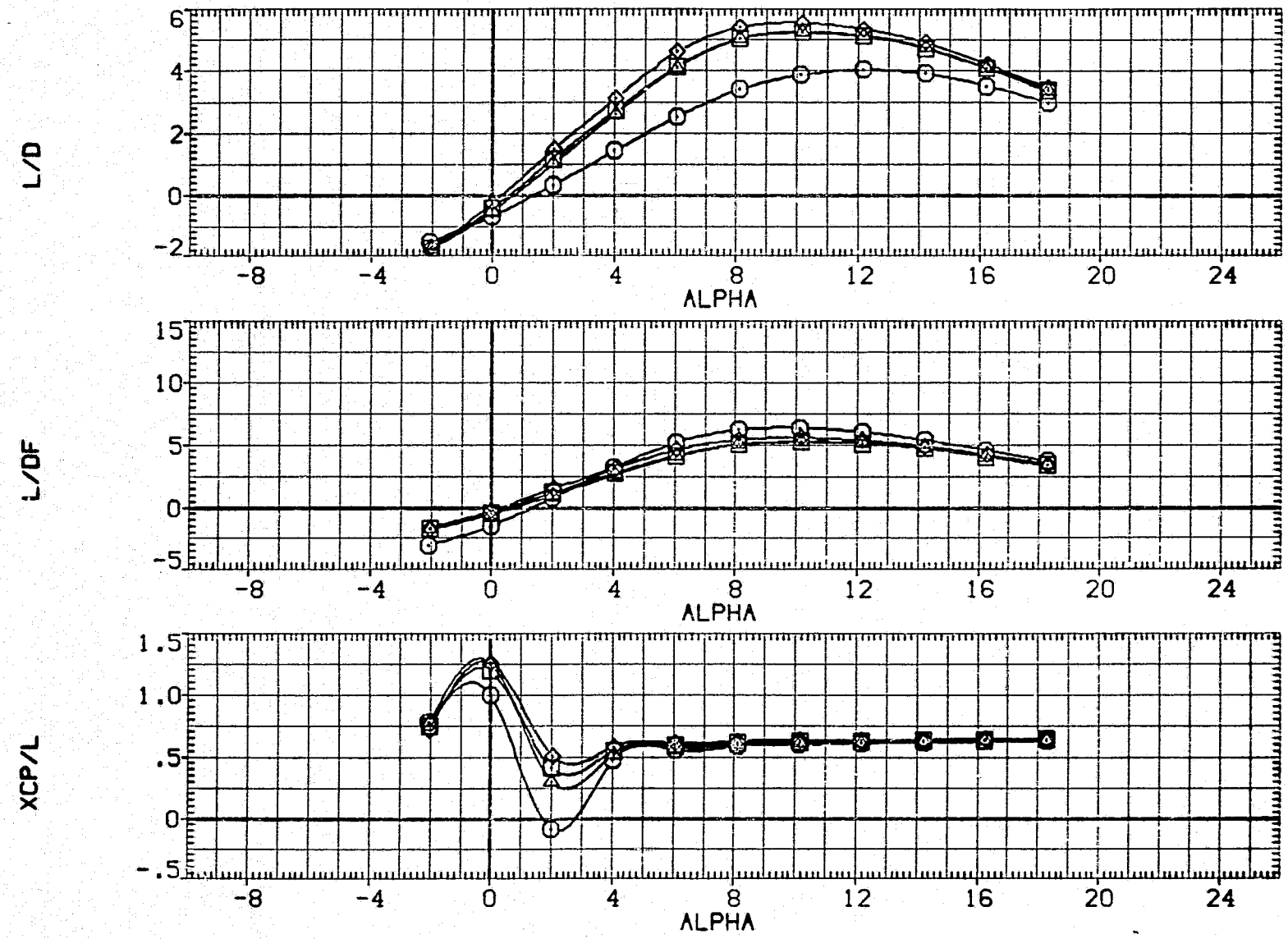


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB029)	□	0A124 B26C9 M16 W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(CFB033)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000
(CFB035)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

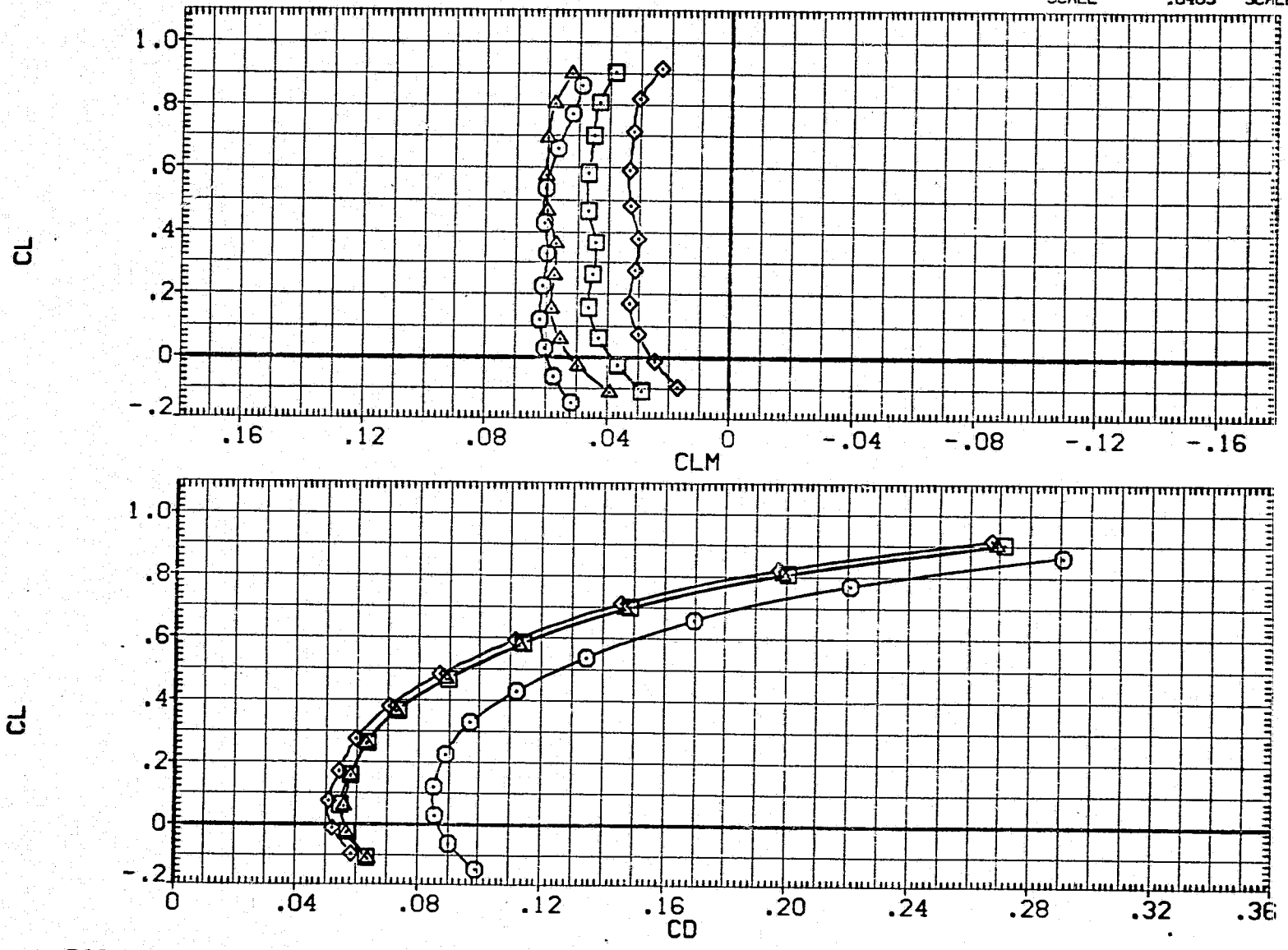


FIG. 9 EFFECT OF HORIZONTAL TAIL DEFLECTION ON X3B TAILCONE

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

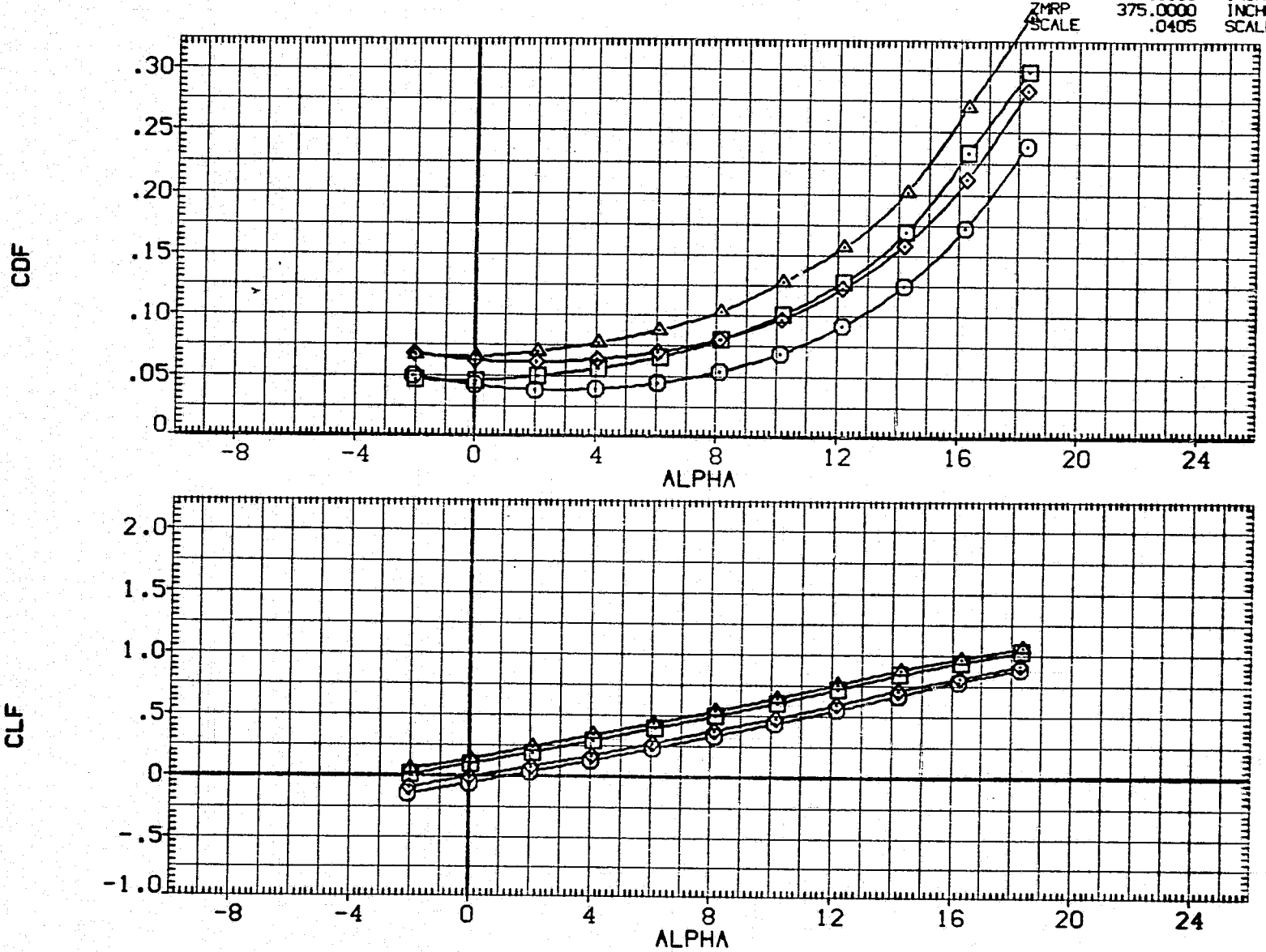


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

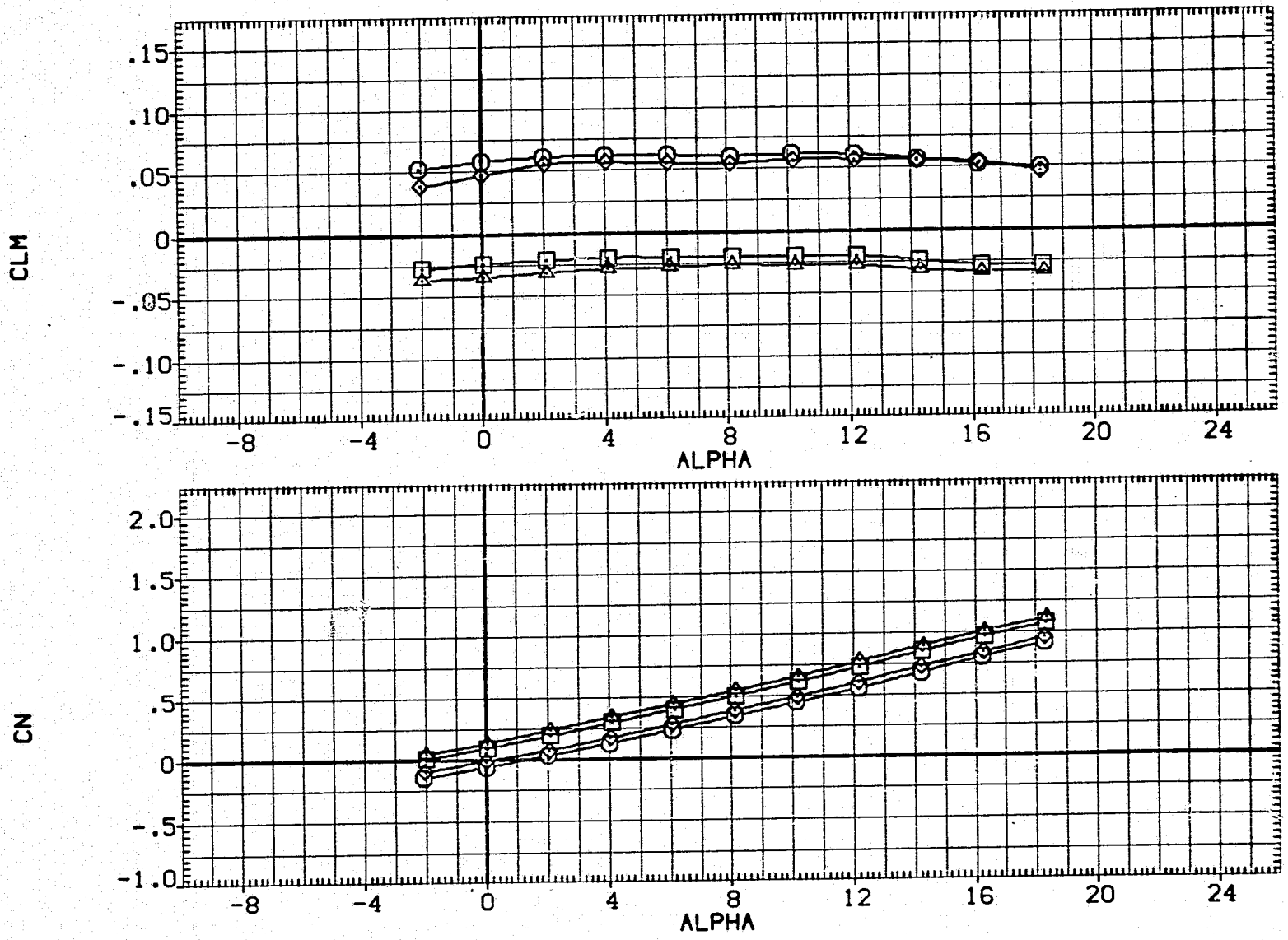


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

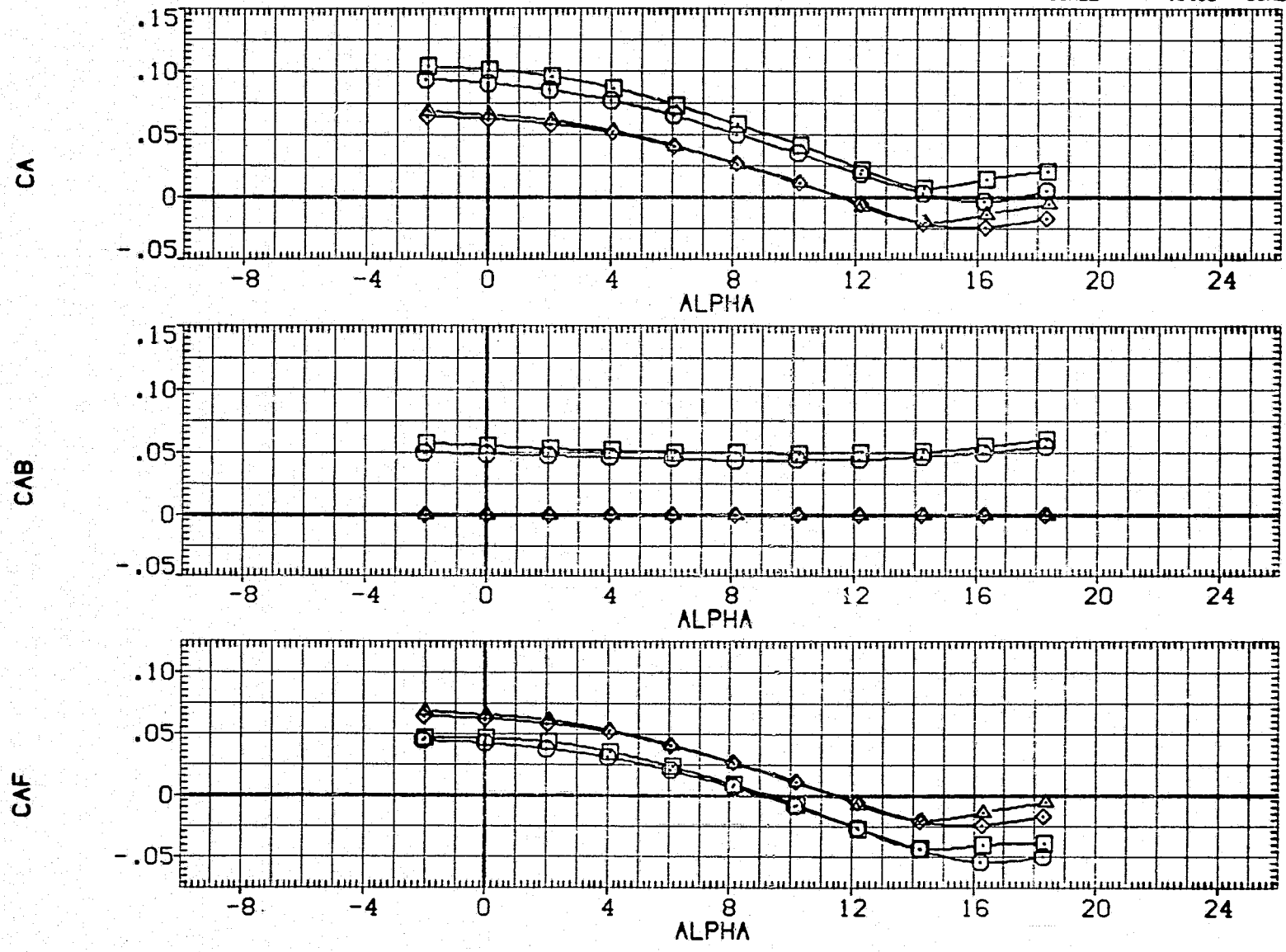


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

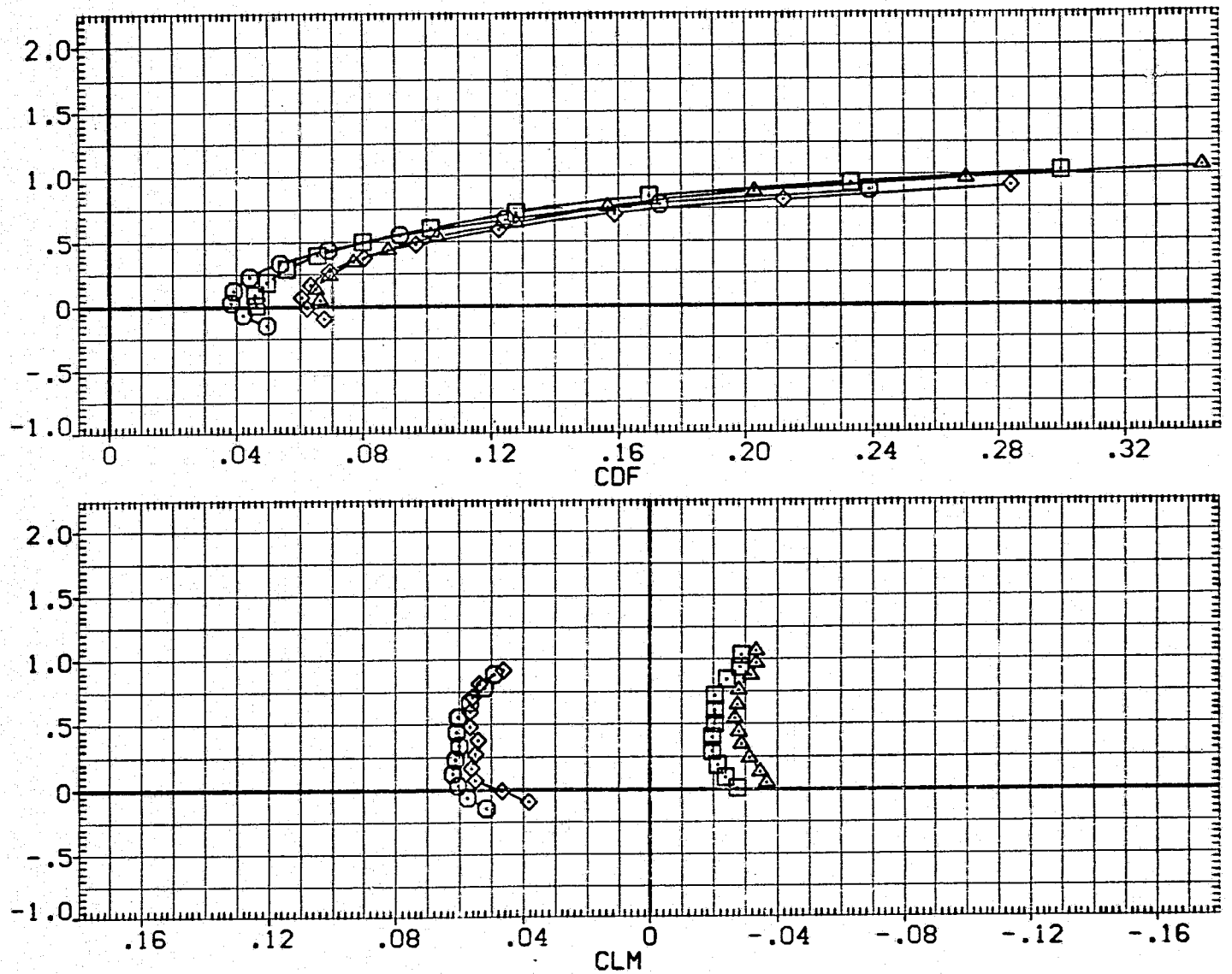


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(CFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

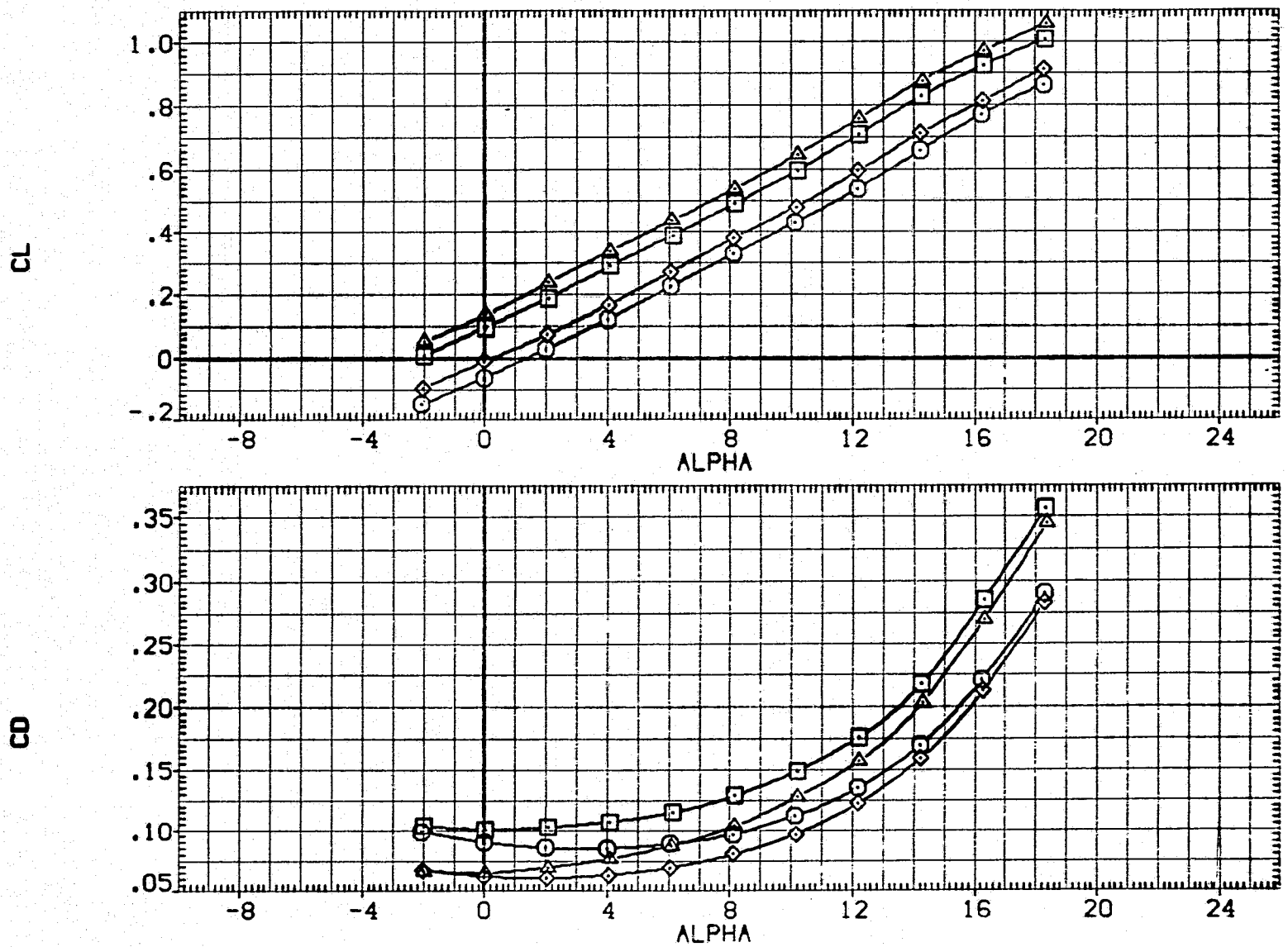


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(CFB053)	⋈	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB081)	⧖	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

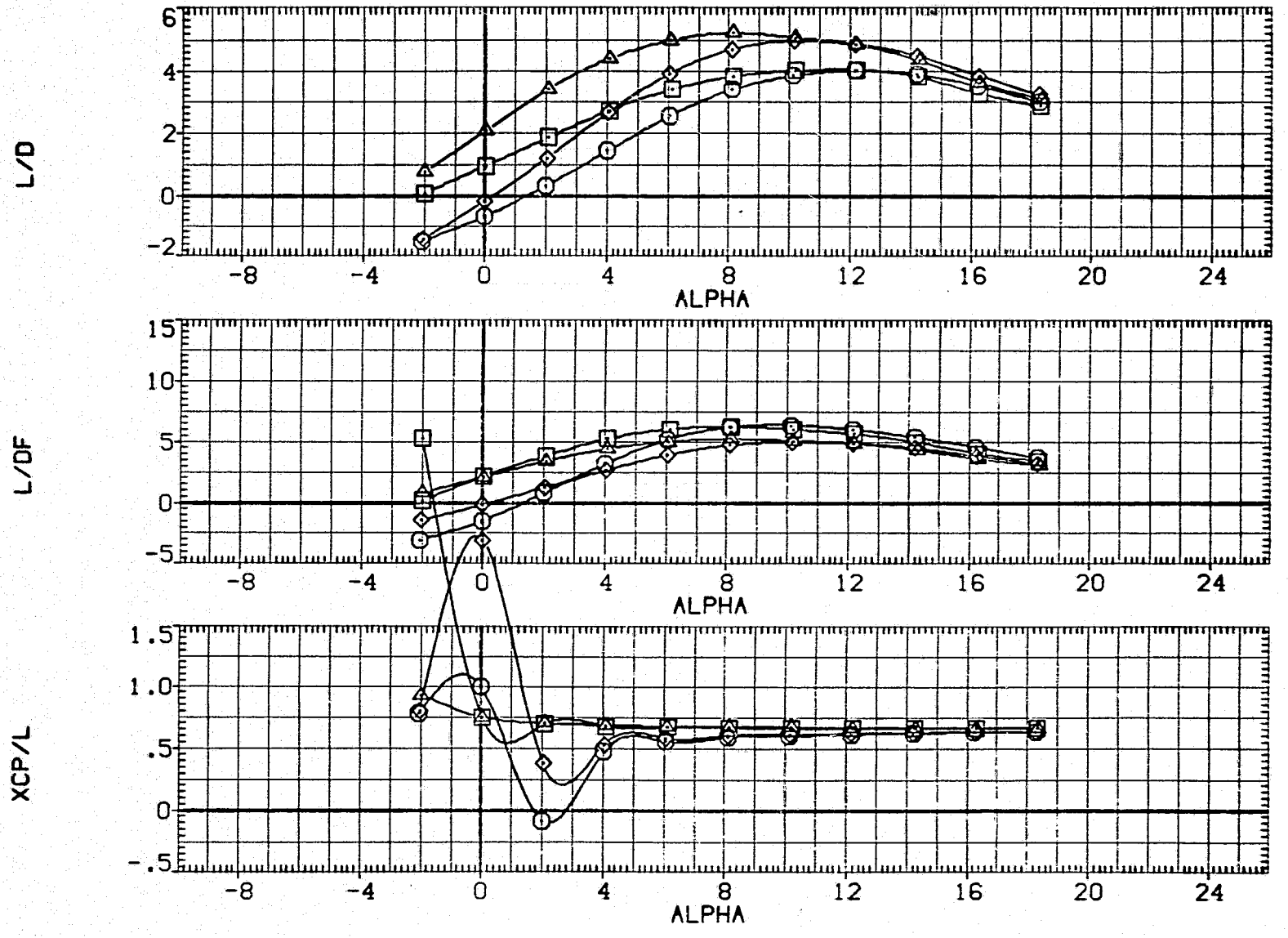


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPOBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB007)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	10.000	10.000	25.000	
(CFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB081)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	10.000	10.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

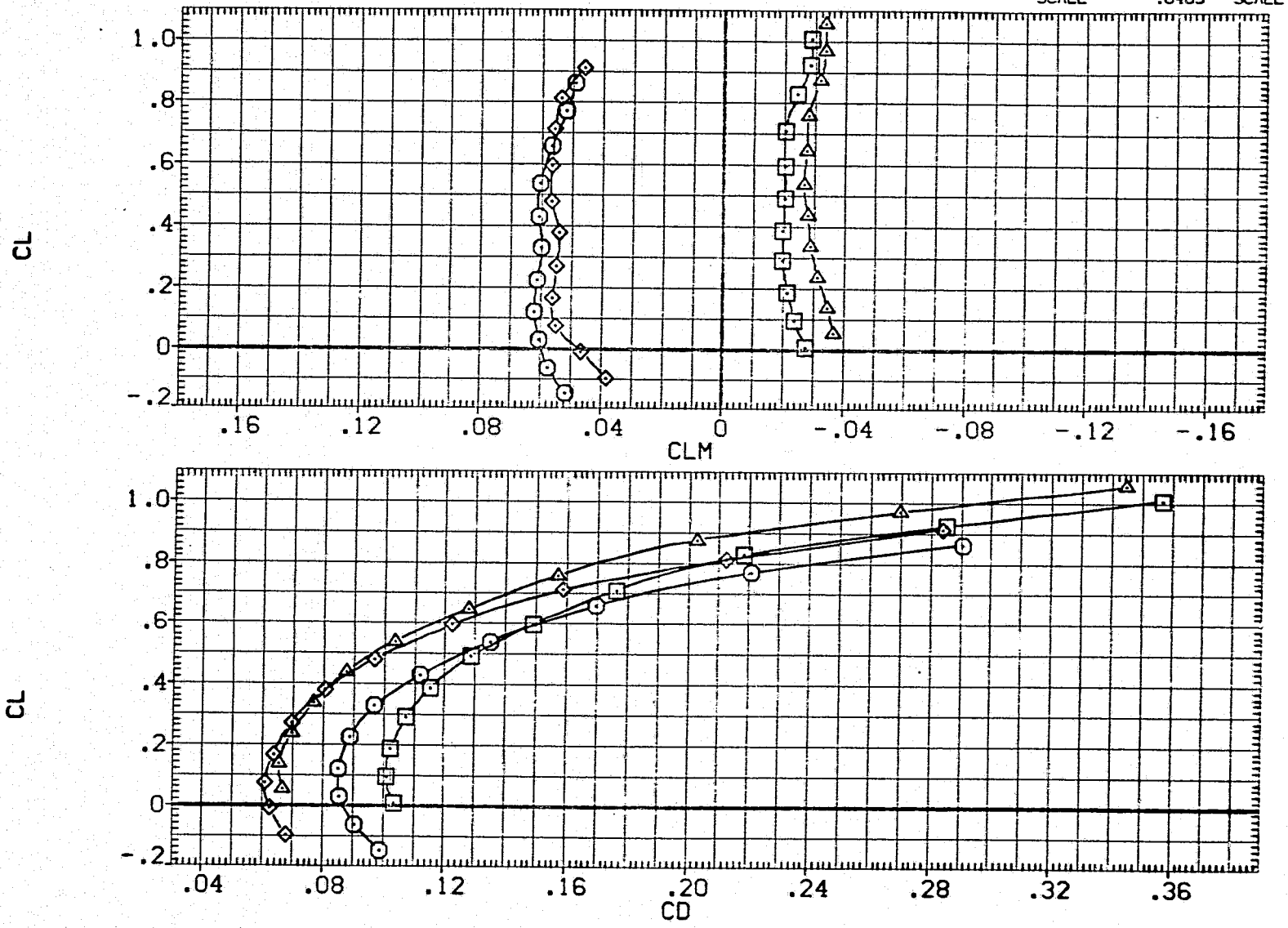


FIG. 10 LONGITUDINAL EFFECTS OF ELEVON DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB011)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	.000
(AFB013)	◇	0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	85.000
(AFB053)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(AFB069)	◁	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	.000
(AFB075)	▷	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

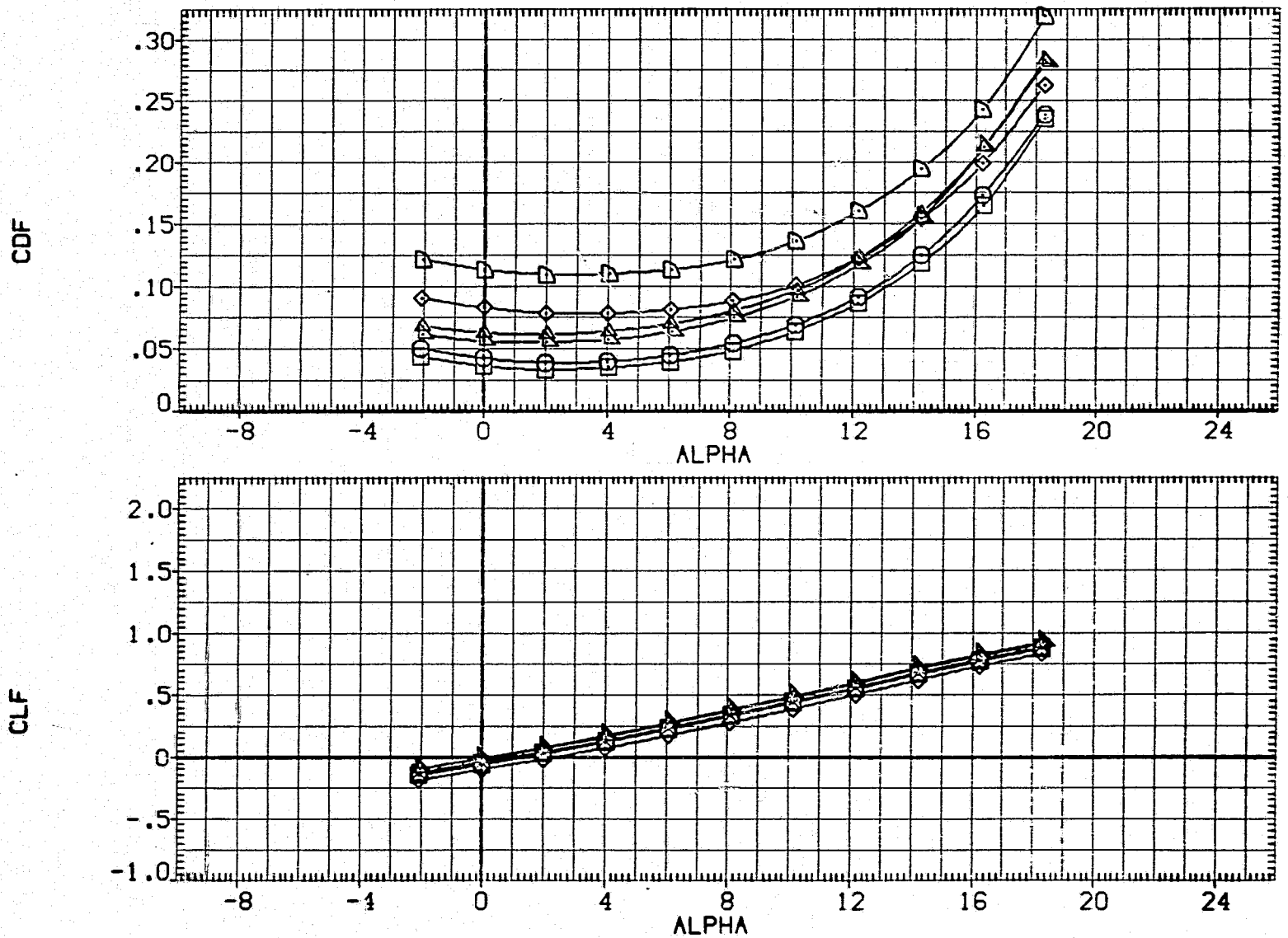


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				
(AFB001)	0A124	B50C9F8	M16N28W116E43V8R5		X9
(AFB011)	0A124	B50C9F8M16N28W116E43V8R5			X9
(AFB013)	0A124	B50C9F8M16N28W116E43V8R5			X9
(AFB053)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	
(AFB069)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	
(AFB075)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	-.000	25.000
-11.700	.000	.000	.000
-11.700	.000	.000	85.000
	.000	.000	25.000
	.000	.000	.000
	.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

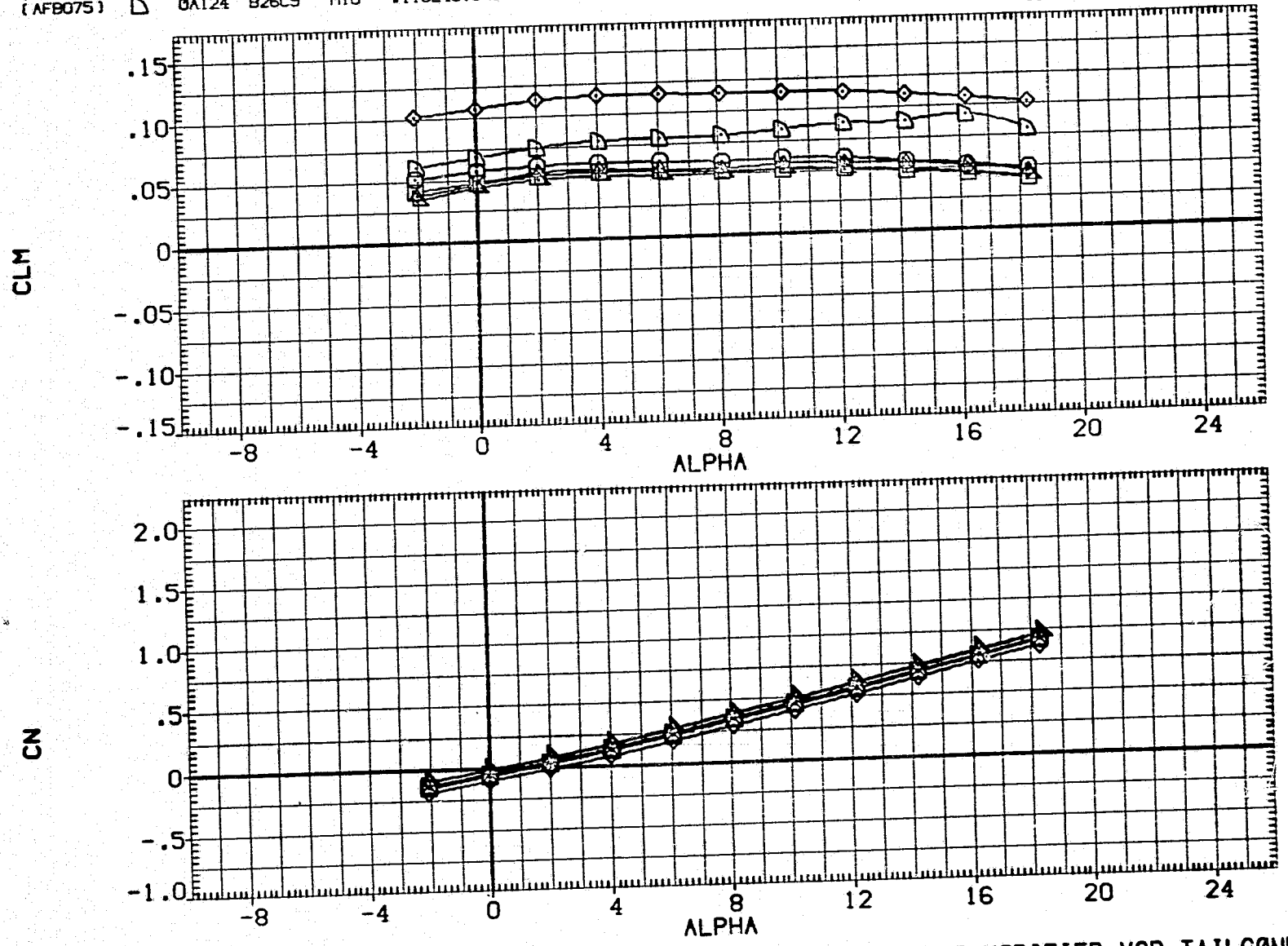


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION					BDFLAP	ELV-L	ELV-R	SPDBRK	REFERENCE INFORMATION		
(AFB001)	□	0A124	B50C9F8	M16N28W116E43V8R5		X9	-11.700	.000	.000	25.000	SREF	2689.8300	SQ.FT.
(AFB011)	○	0A124	B50C9F8	M16N28W116E43V8R5		X9	-11.700	.000	.000	.000	LREF	474.8100	INCHES
(AFB013)	⋈	0A124	B50C9F8	M16N28W116E43V8R5		X9-	-11.700	.000	.000	85.000	BREF	936.6800	INCHES
(AFB053)	△	0A124	B26C9	M16	W116E43V8R5TC11X9TR3			.000	.000	25.000	XMRP	1076.6800	INCHES
(AFB069)	◇	0A124	B26C9	M16	W116E43V8R5TC11X9TR3			.000	.000	.000	YMRP	.0000	INCHES
(AFB075)	▽	0A124	B26C9	M16	W116E43V8R5TC11X9TR3			.000	.000	85.000	ZMRP	375.0000	INCHES
											SCALE	.0405	SCALE

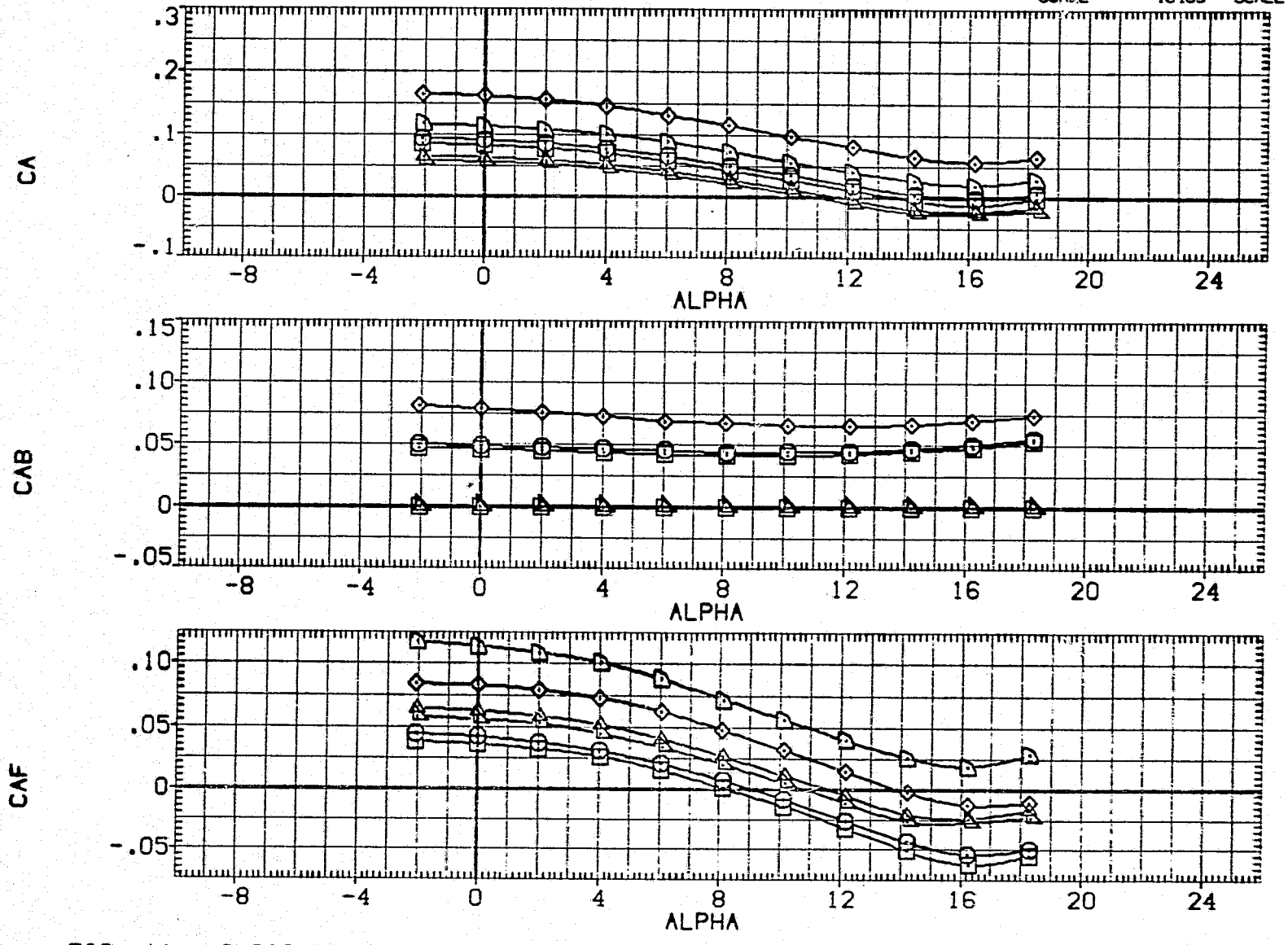
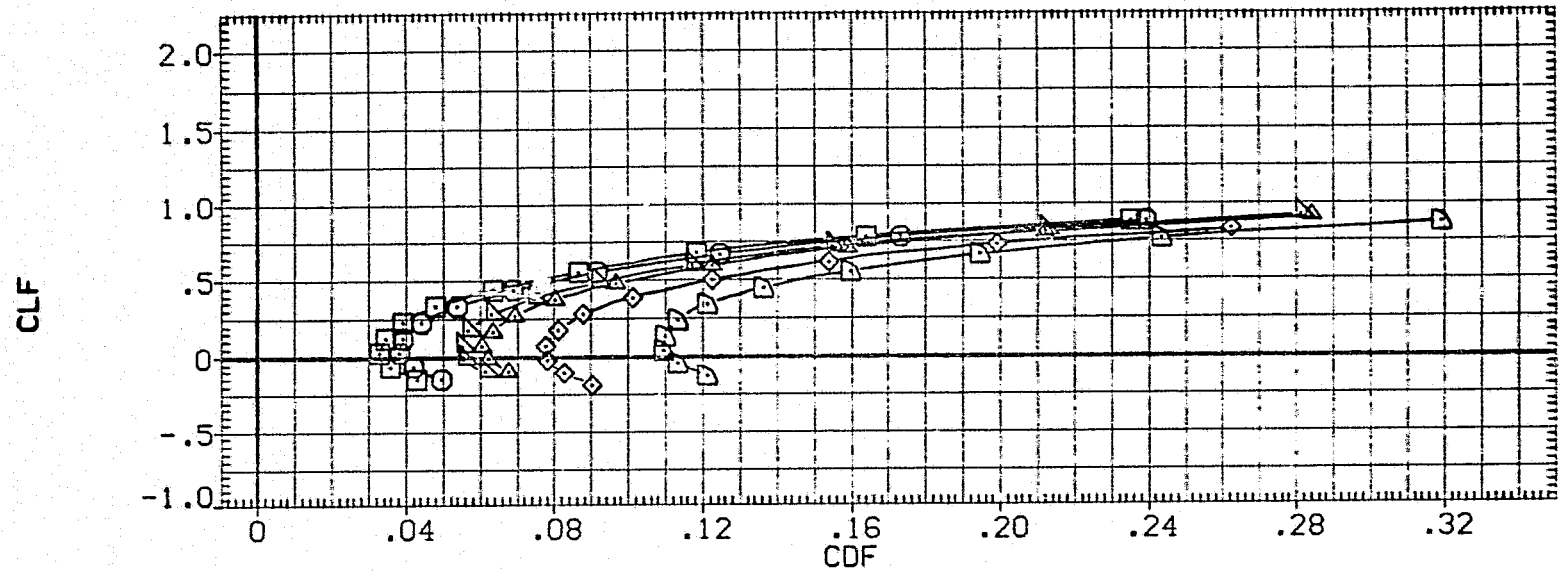


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION					BOFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)		0A124	B50C9F8	M16N28	W116E43V8R5	X9	-11.700	.000	.000	25.000
(AFB011)		0A124	B50C9F8	M16N28	W116E43V8R5	X9	-11.700	.000	.000	.000
(AFB013)		0A124	B50C9F8	M16N28	W116E43V8R5	X9	-11.700	.000	.000	85.000
(AFB053)		0A124	B26C9	M16	W116E43V8R5TC11	X9TR3		.000	.000	25.000
(AFB069)		0A124	B26C9	M16	W116E43V8R5TC11	X9TR3		.000	.000	.000
(AFB075)		0A124	B26C9	M16	W116E43V8R5TC11	X9TR3		.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



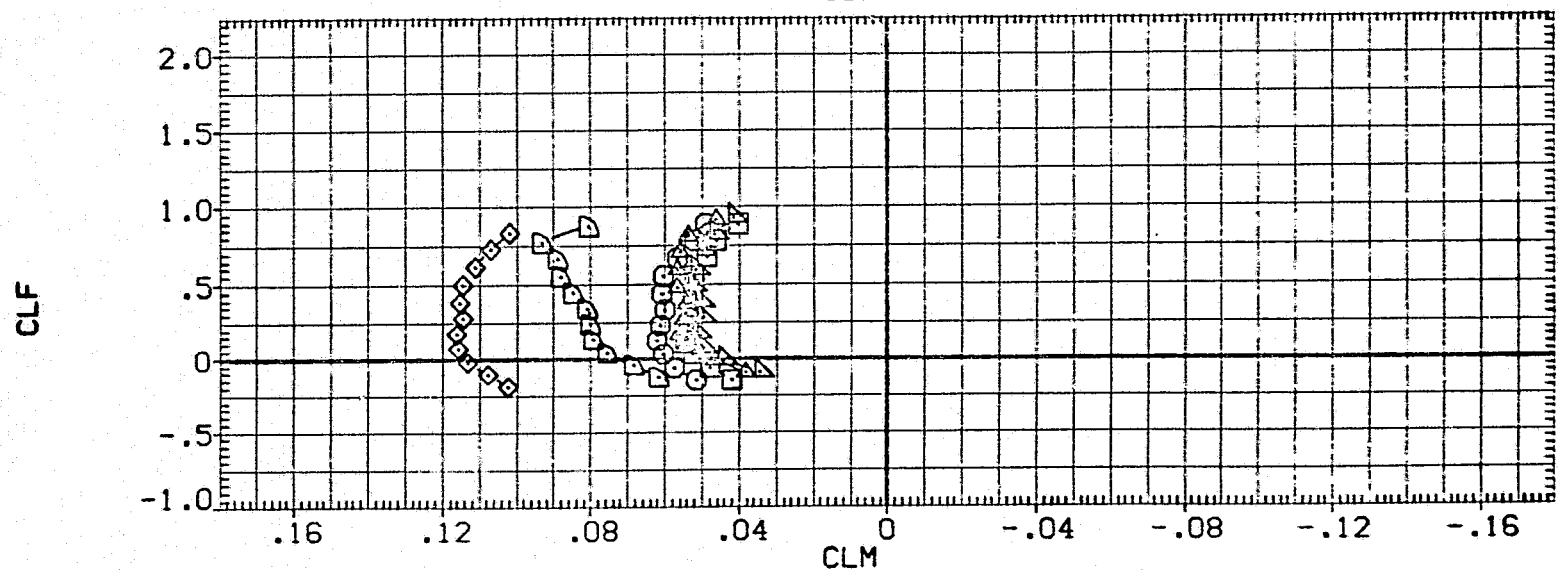


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				
(CFB001)	0A124	B50C9F8	M16N28W116E43V8R5		X9
(CFB011)	0A124	B50C9F8M16N28W116E43V8R5			X9
(CFB013)	0A124	B50C9F8M16N28W116E43V8R5			X9
(CFB053)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	
(CFB069)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	
(CFB075)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	

BOFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
-11.700	.000	.000	.000
-11.700	.000	.000	85.000
	.000	.000	25.000
	.000	.000	.000
	.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

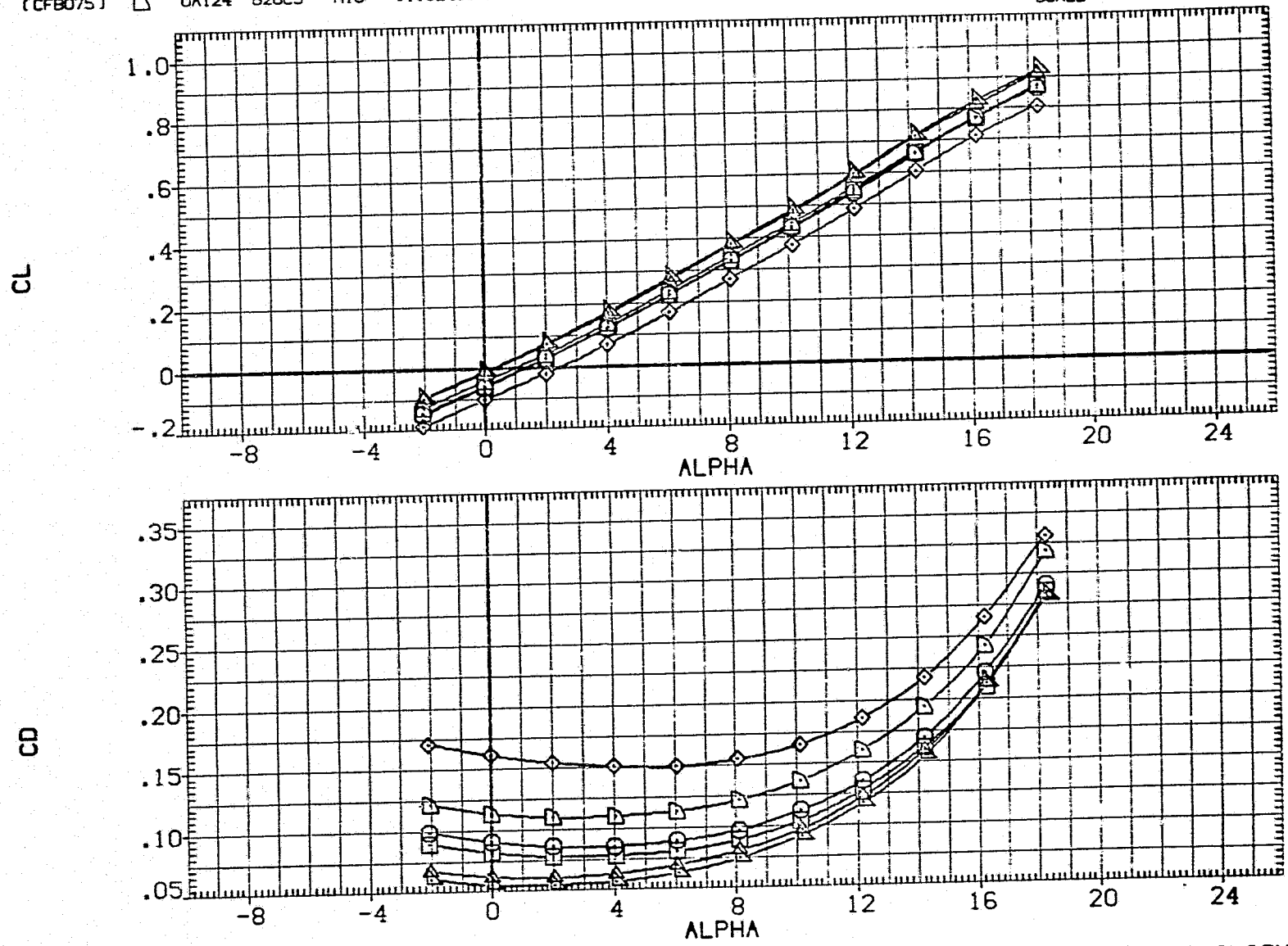


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB011)	▽	0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	.000
(CFB013)	◁	0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	85.000
(CFB053)	⋈	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(CFB069)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	.000
(CFB075)	▱	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

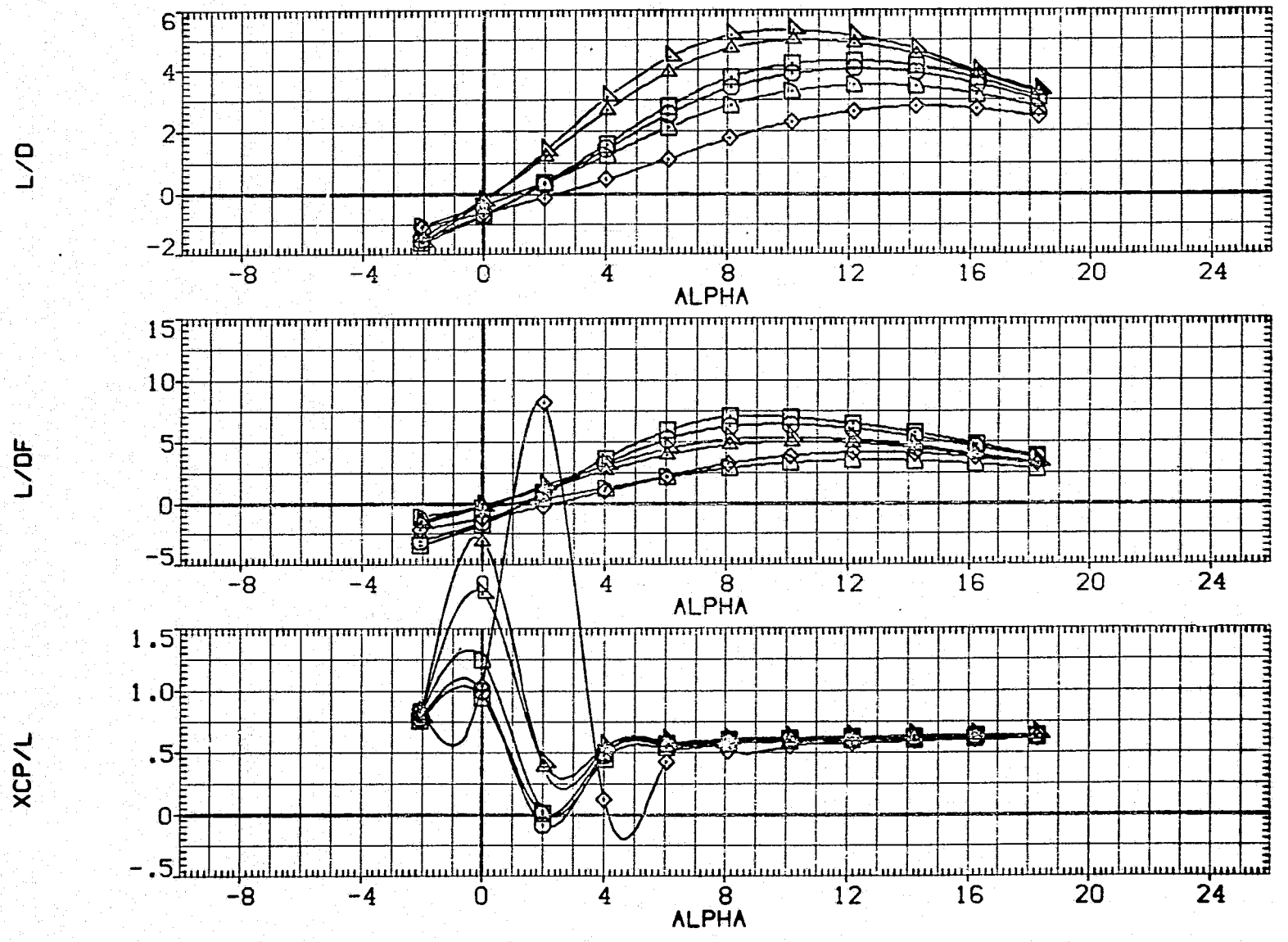


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB011)		0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	.000
(CFB013)		0A124 B50C9F8M16N28W116E43V8R5 X9	-11.700	.000	.000	85.000
(CFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(CFB069)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	.000
(CFB075)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	85.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

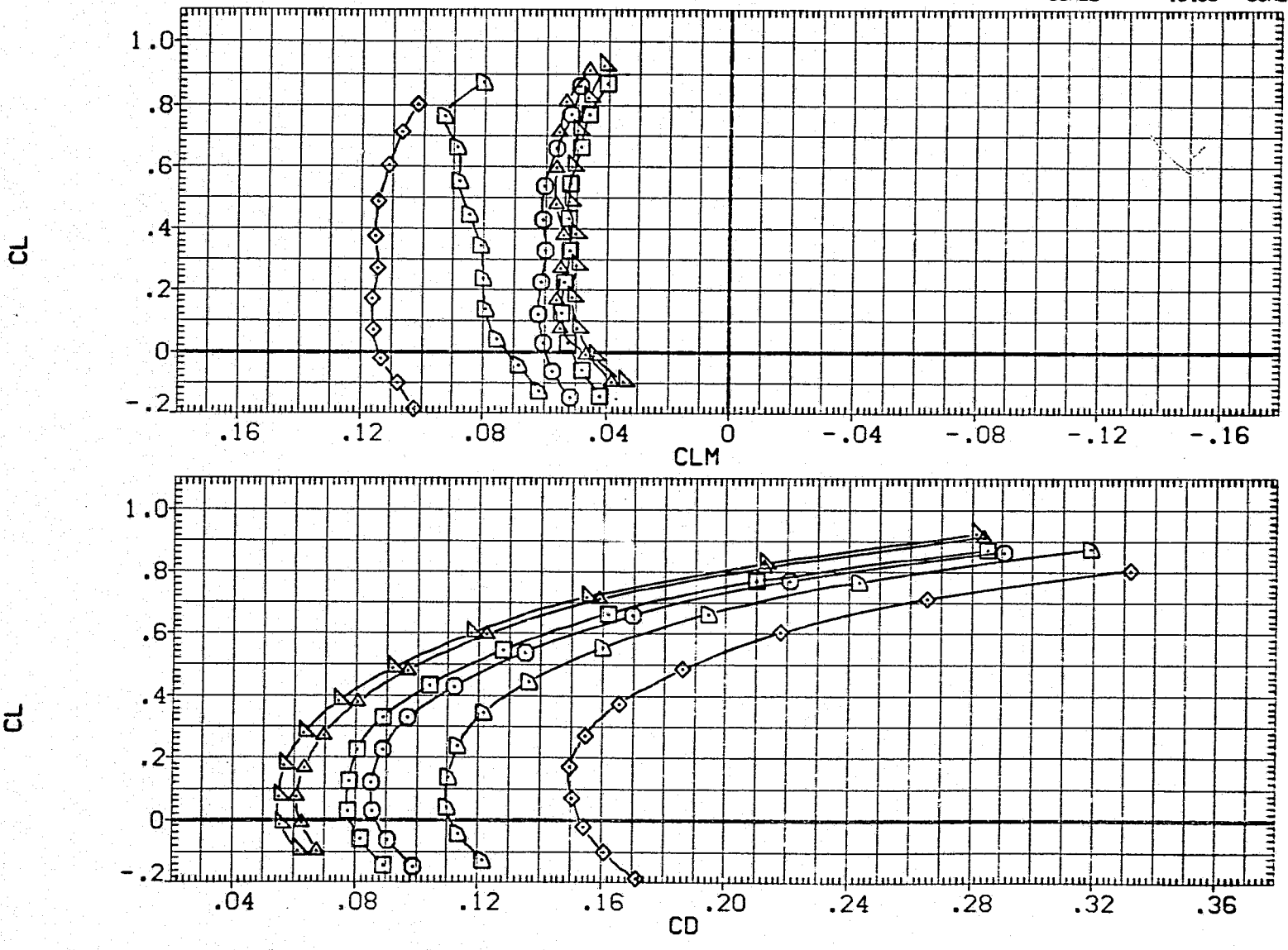


FIG. 11 LONGITUDINAL EFFECTS OF SPDBRK DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB009)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(AFB078)	△	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(AFB110)	◁	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

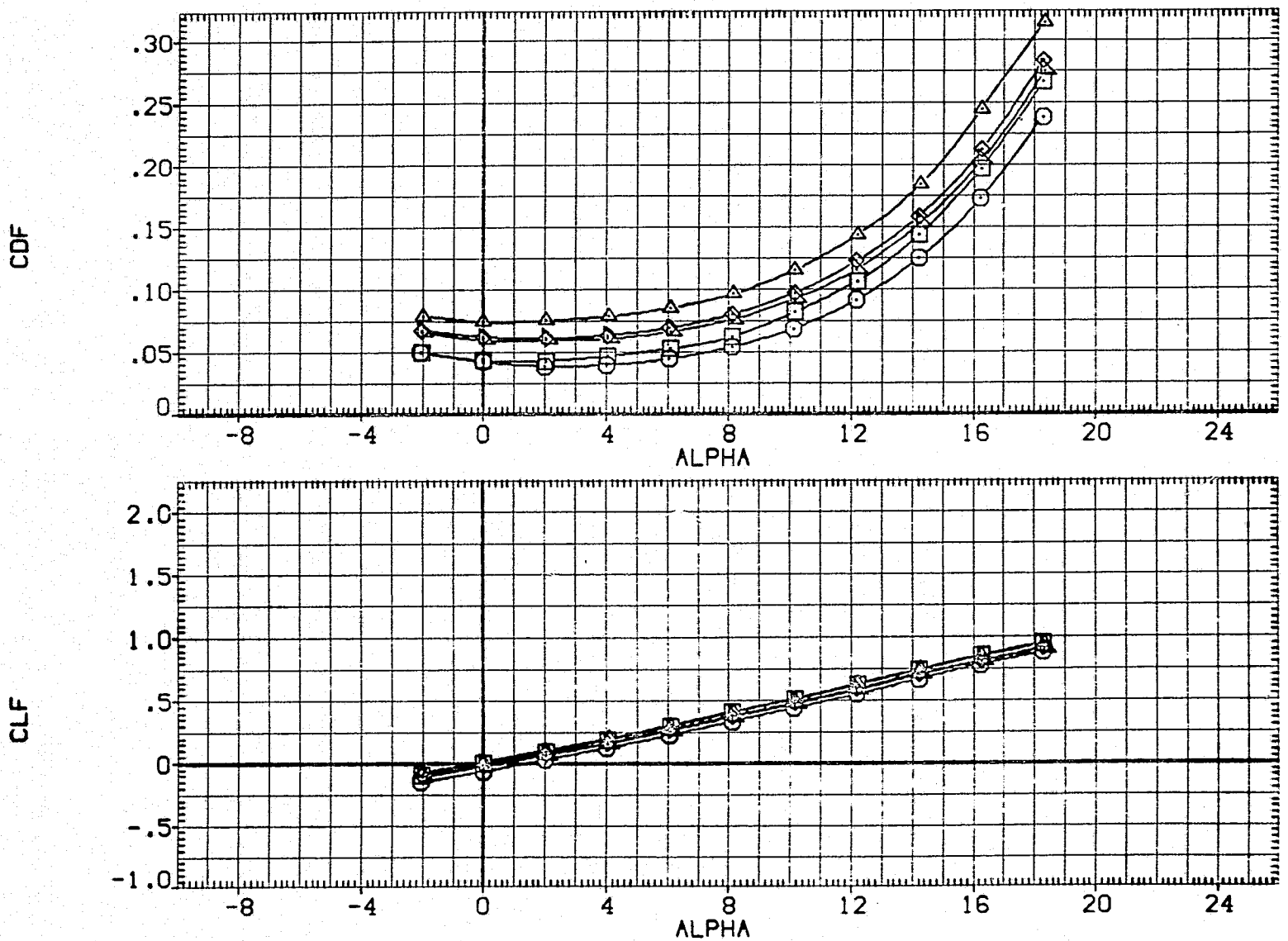


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB009)	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(AFB053)	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(AFB078)	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(AFB110)	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

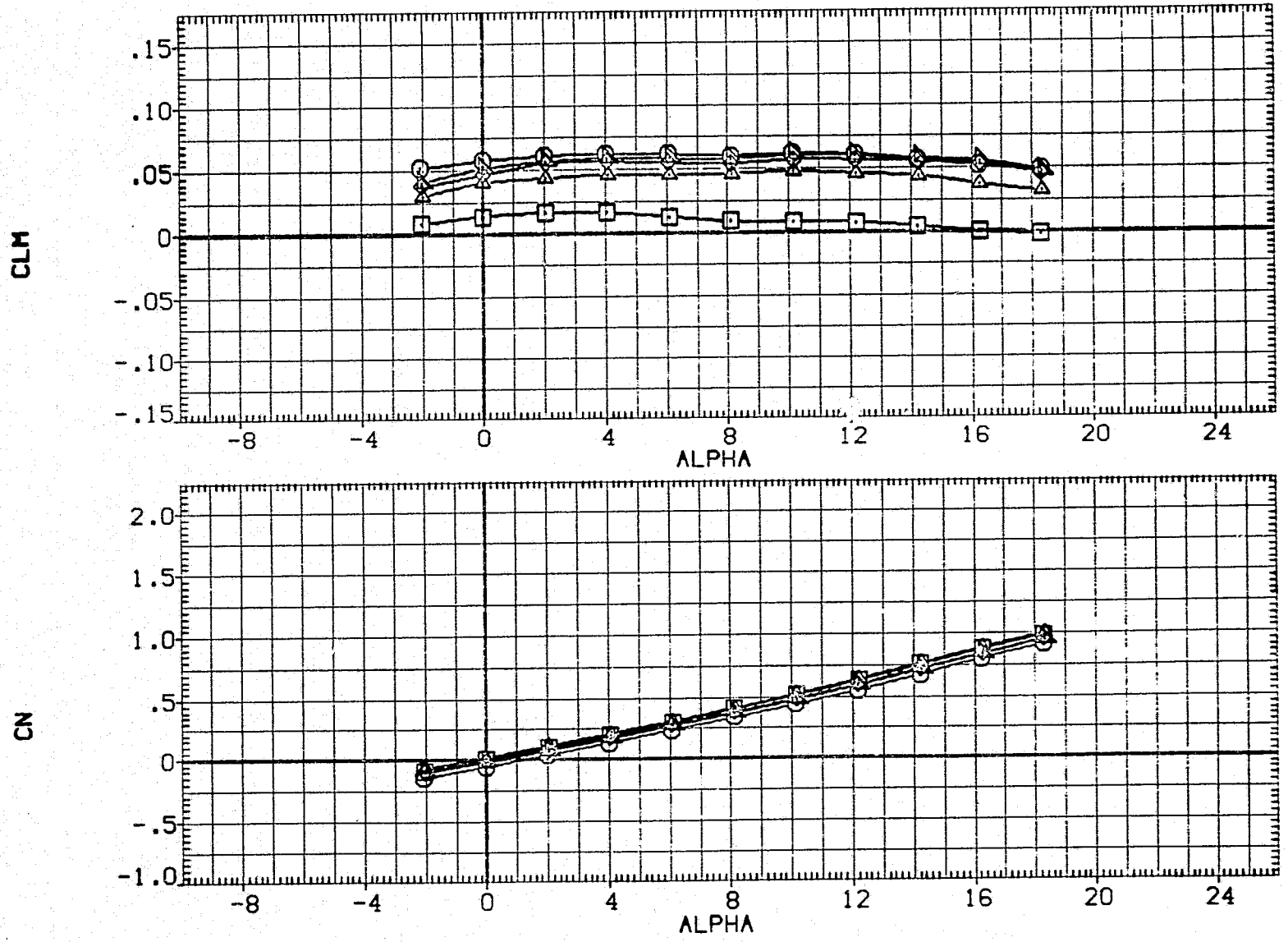


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB009)		0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(AFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(AFB078)		0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(AFB110)		0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

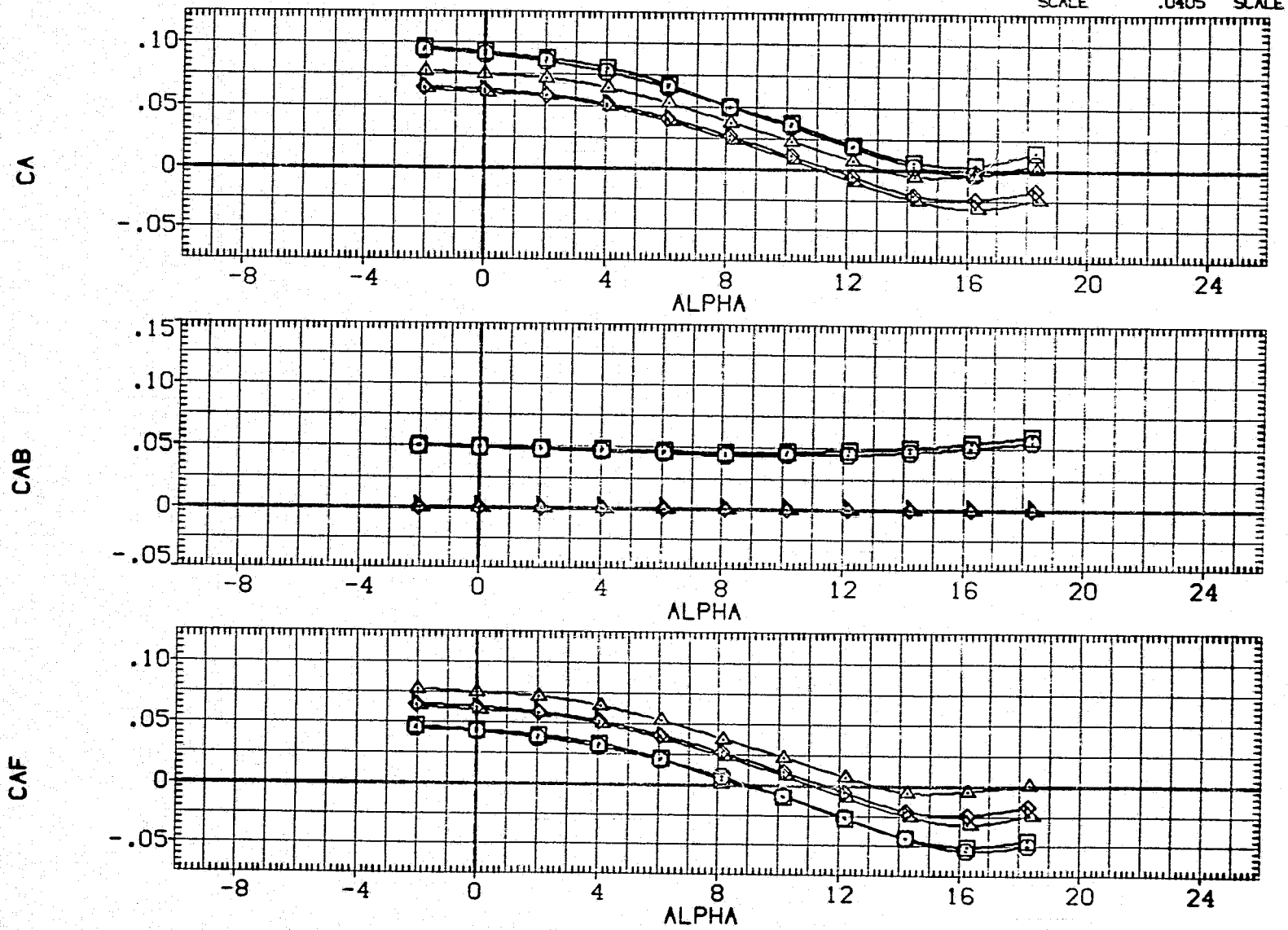


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB009)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(AFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(AFB078)	△	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(AFB110)	▷	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

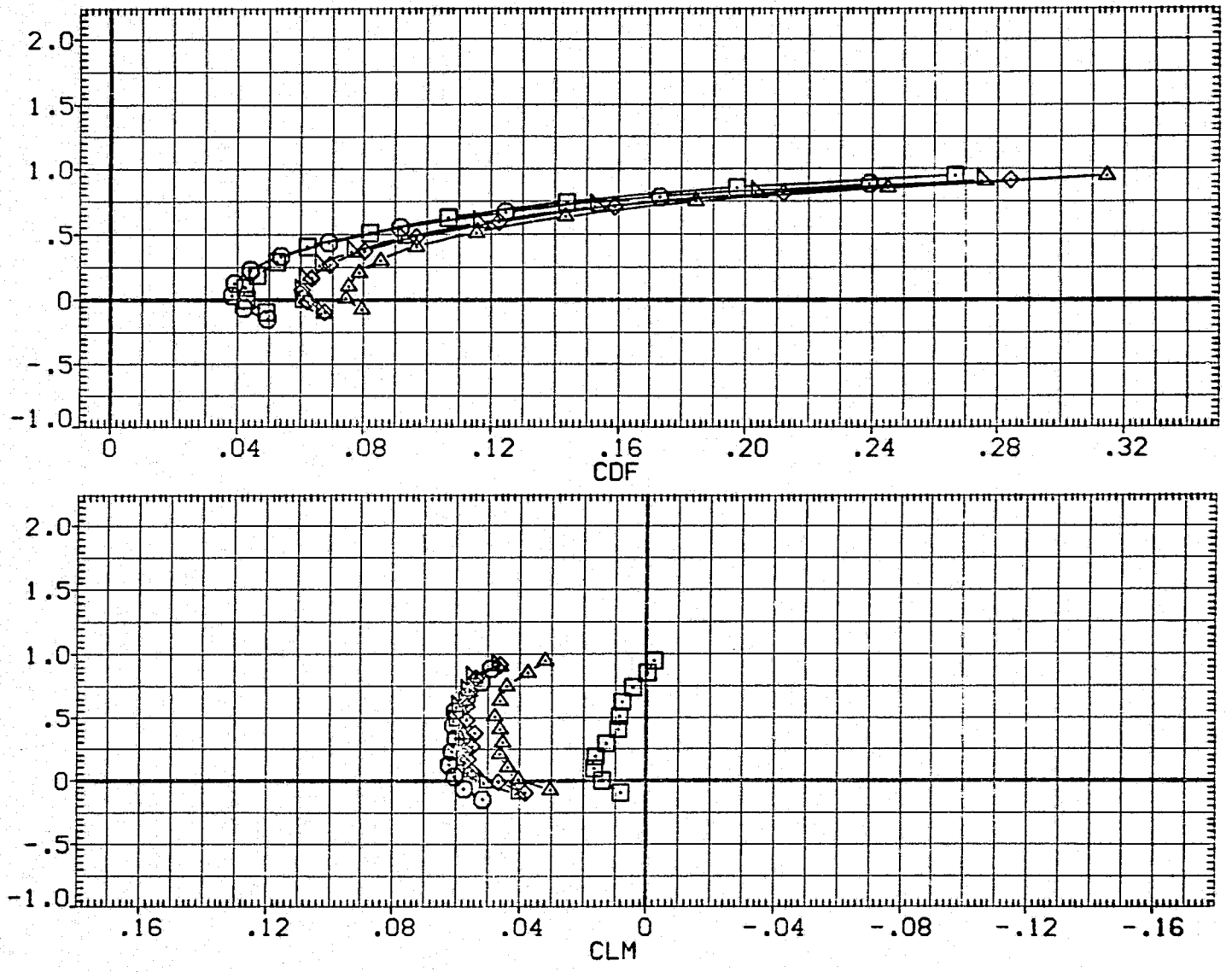
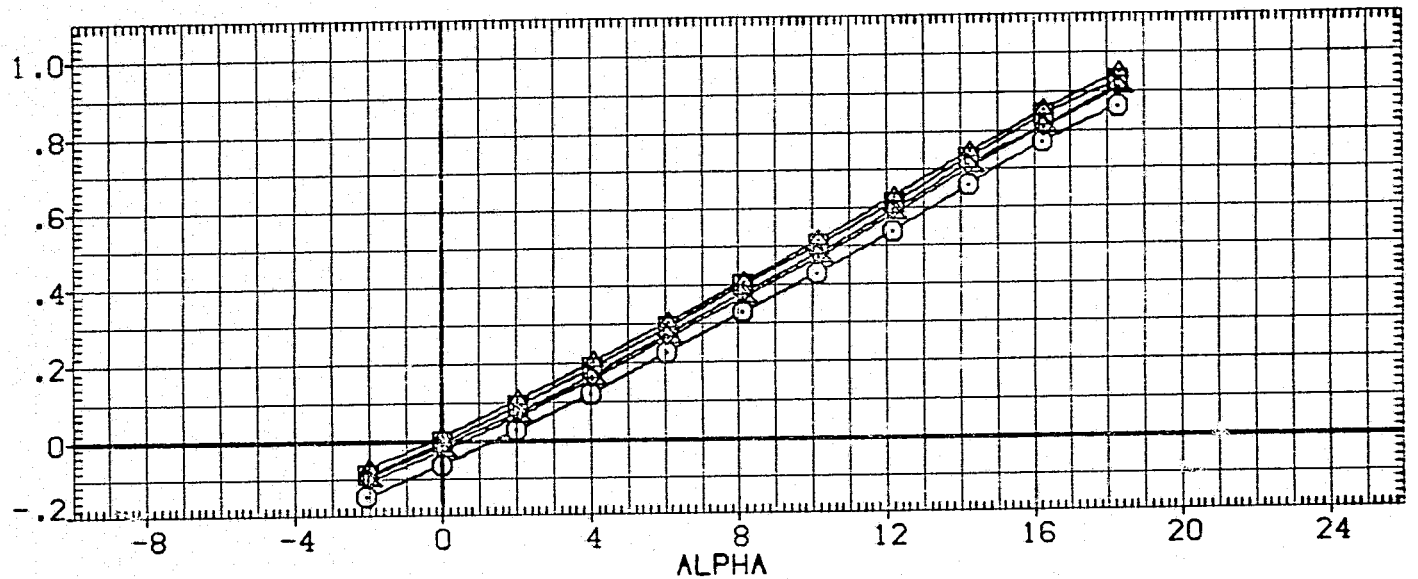


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB009)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(CFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(CFB078)	△	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(CFB110)	◺	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



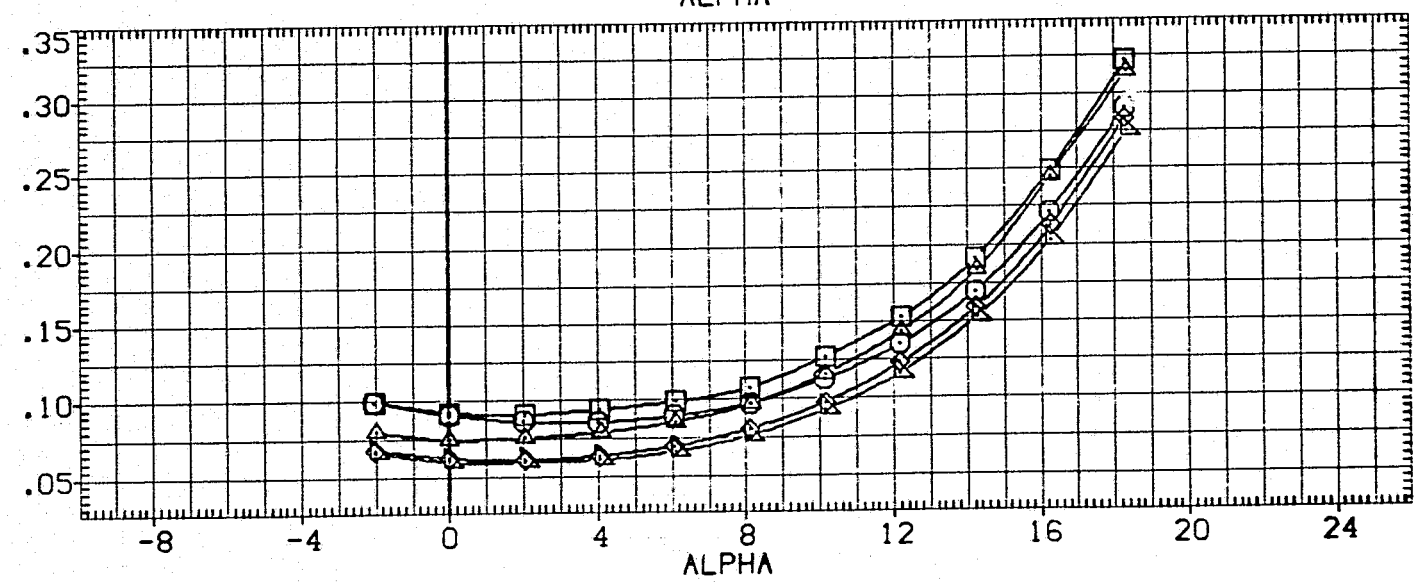


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB009)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(CFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(CFB078)	△	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(CFB110)	◁	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

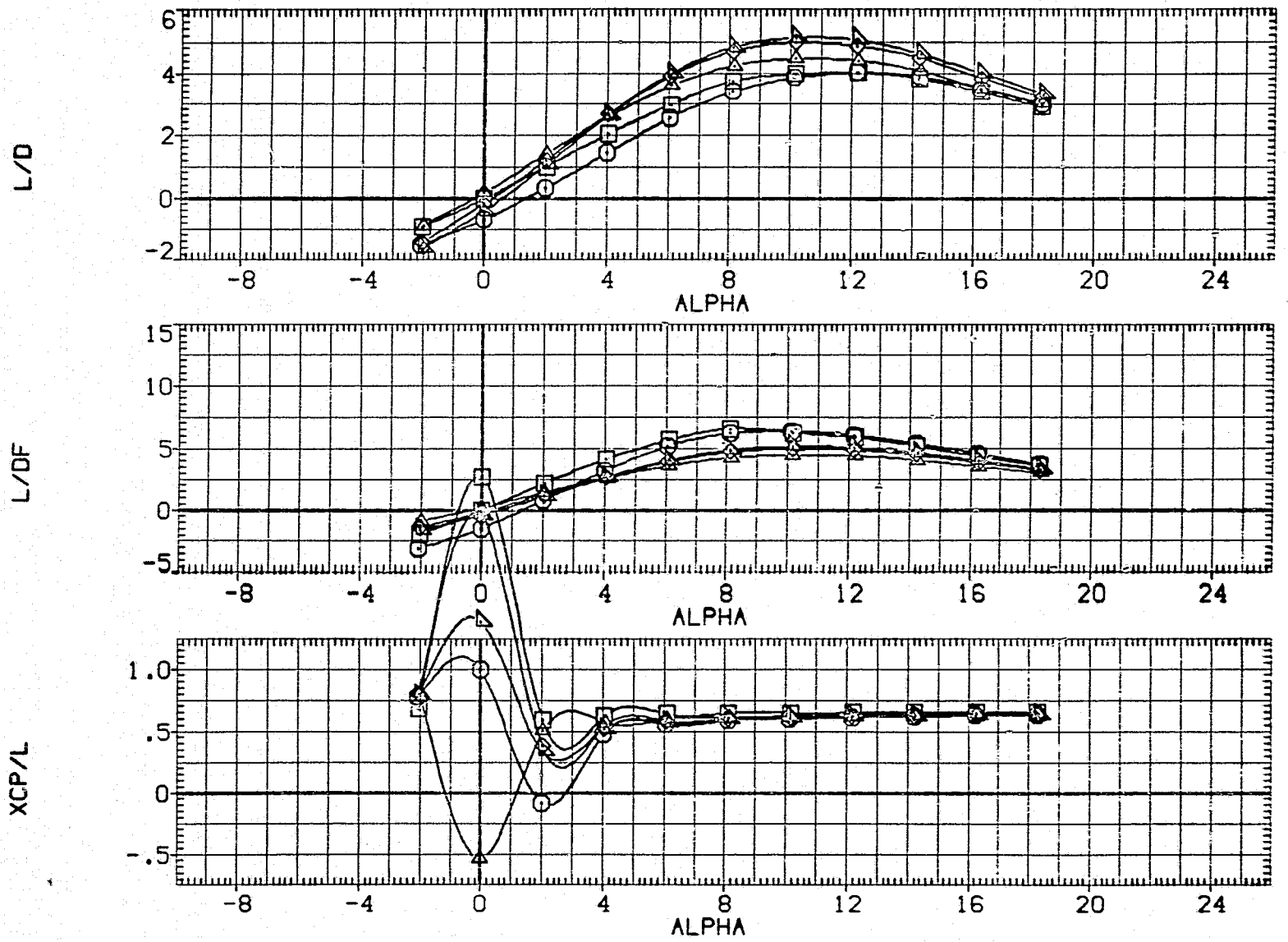


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPOBRK
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB009)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(CFB053)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(CFB078)	△	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(CFB110)	▷	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

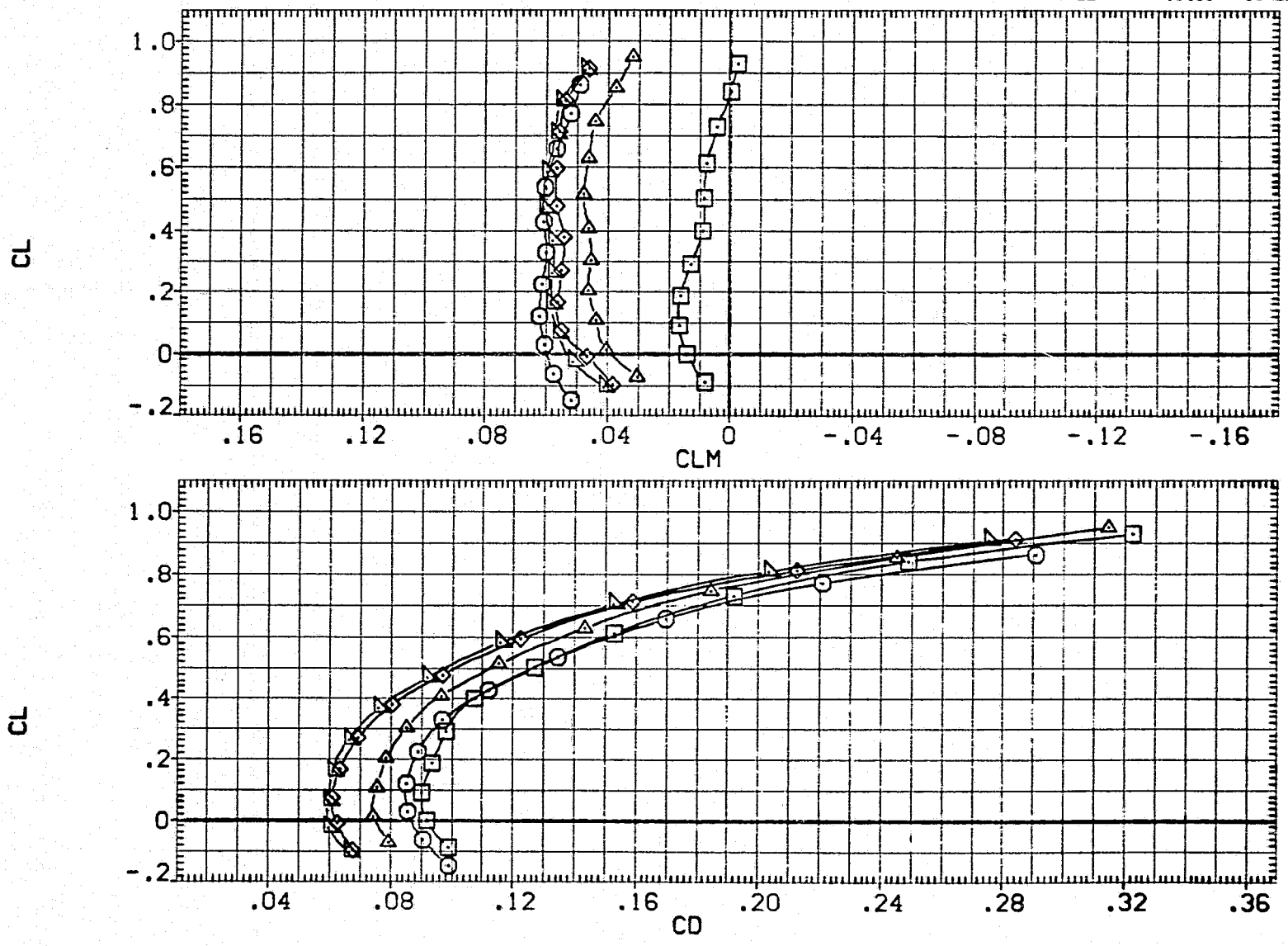


FIG. 12 LONGITUDINAL EFFECTS OF BDFLAP DEFL. WITH/WITHOUT MODIFIED X3B TAILCONE

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB057)		0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(AFB063)		0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

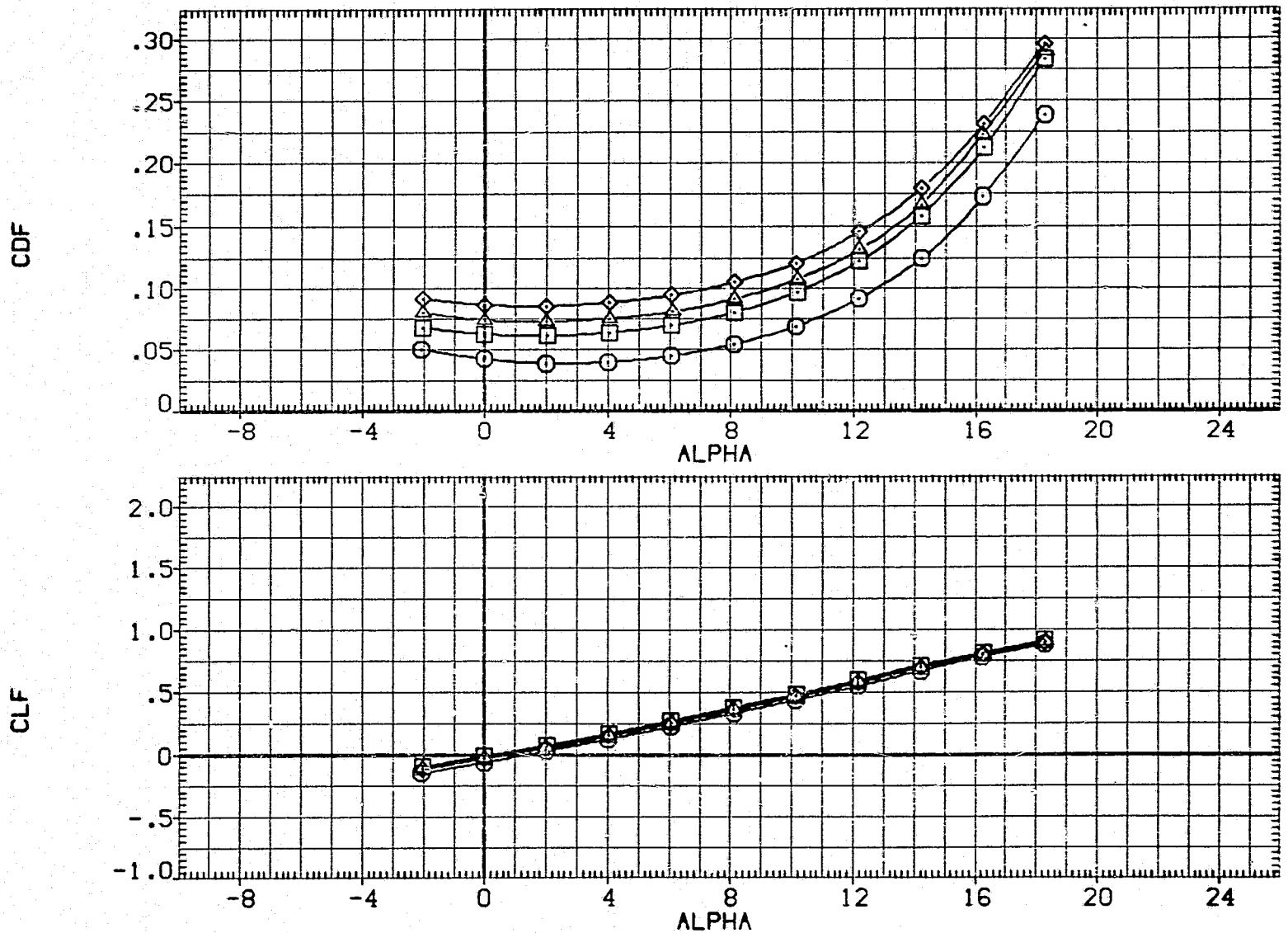


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N20W116E43V8R5 X9	.000	.000	25.000	
(AFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB057)	⋈	0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(AFB063)	△	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

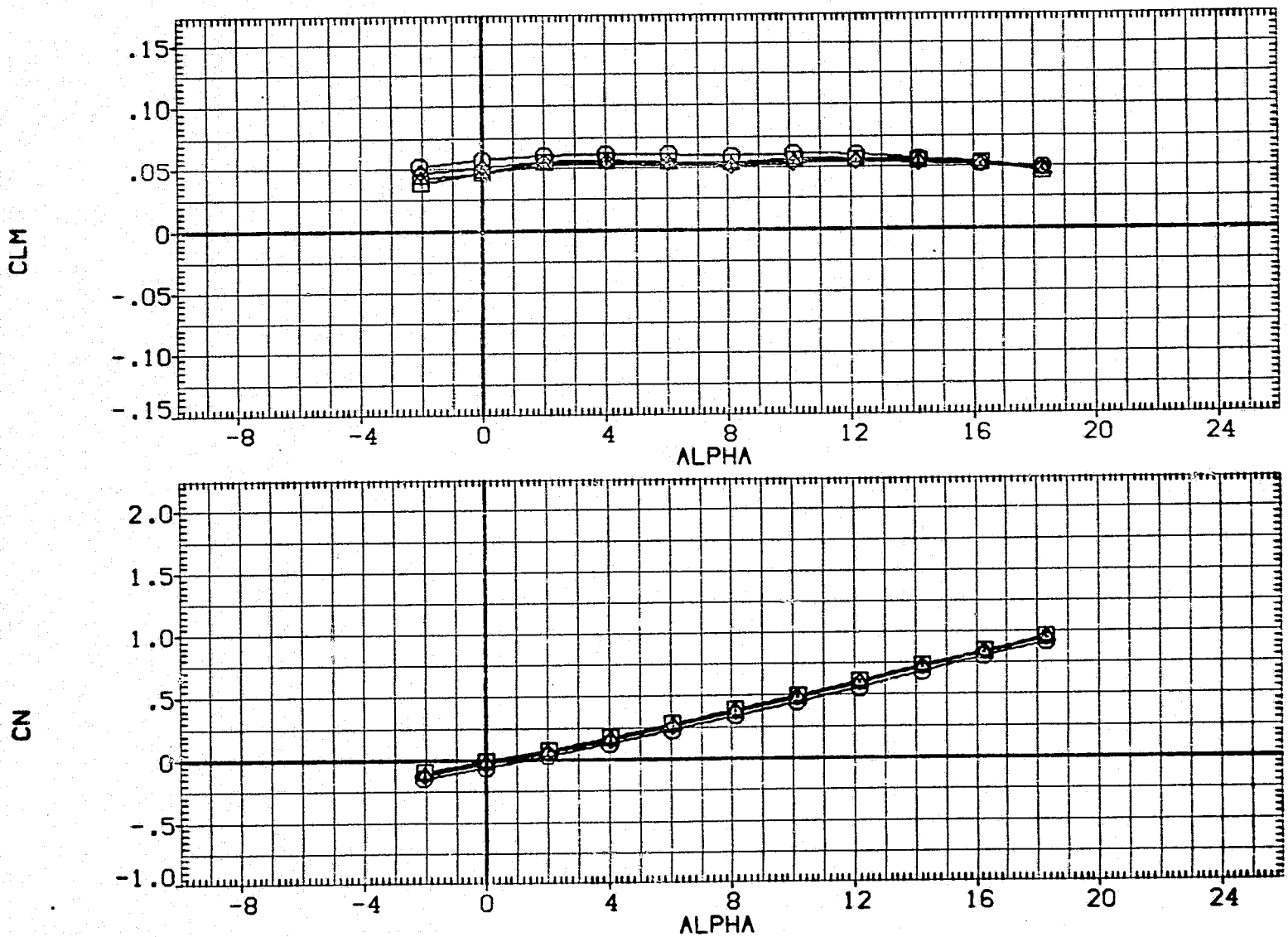


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	GHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB057)	◇	0A124 B26C9 M16 W116E43V8R5TC11X90B1	.000	.000	25.000	-20.000
(AFB063)	△	0A124 B26C9 M16 W116E43V8R5TC11X90B2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

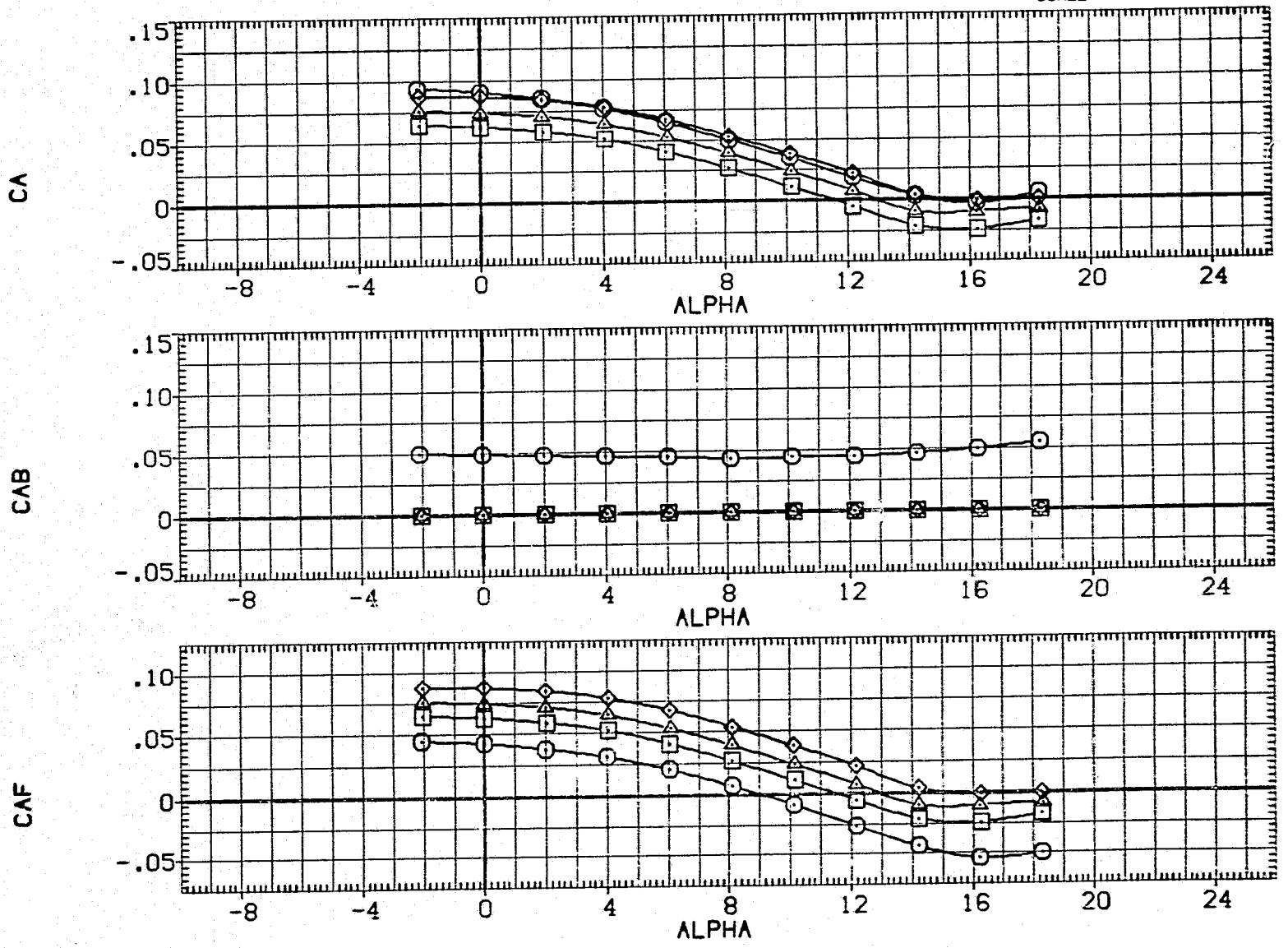
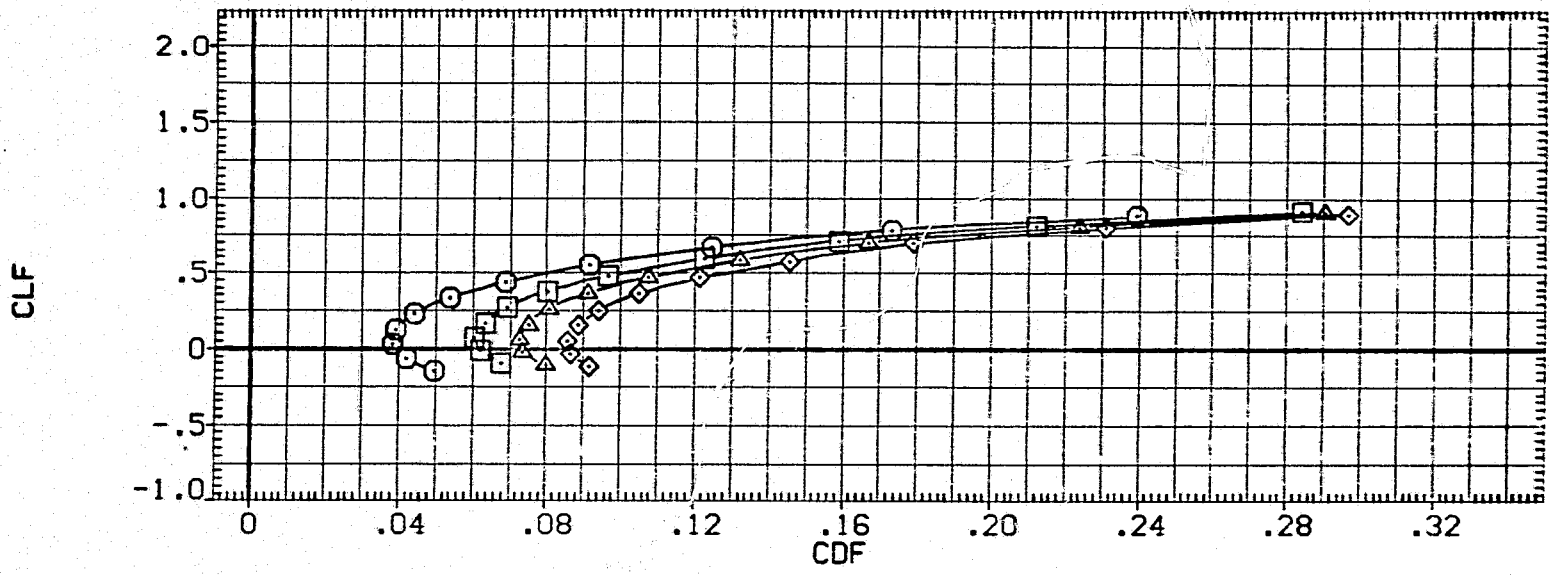


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB057)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(AFB063)	△	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



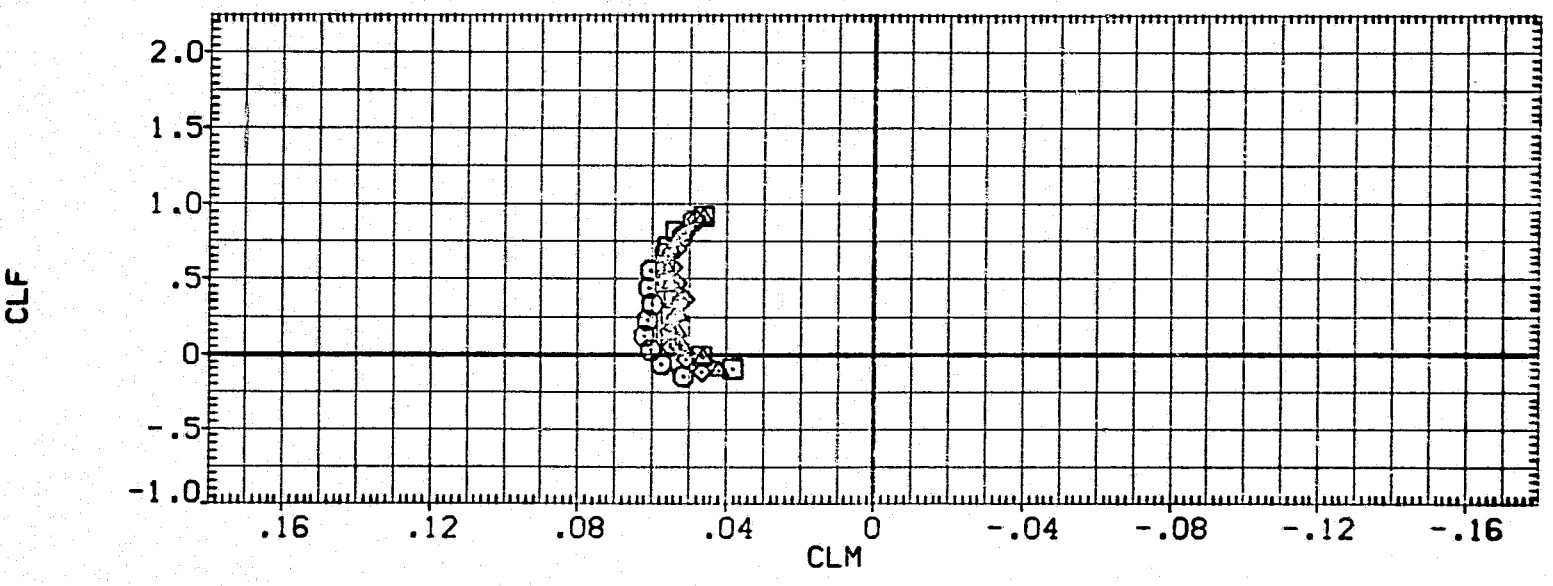
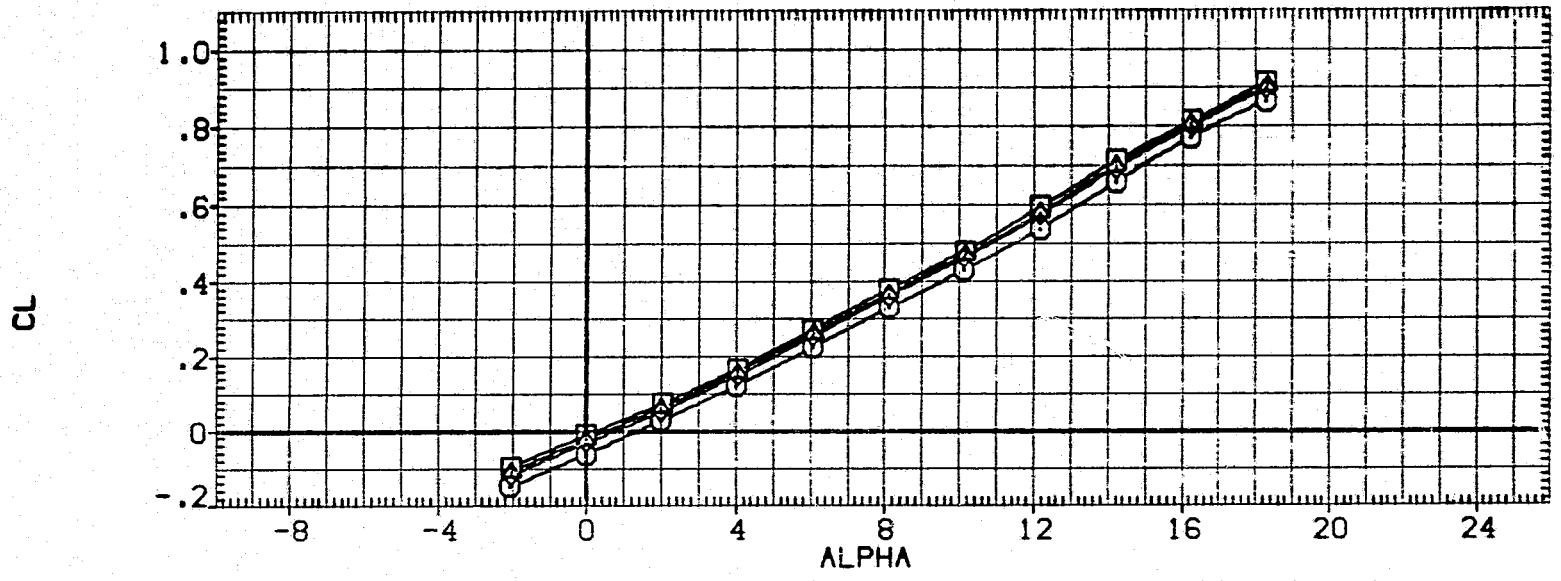


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)	▽	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB057)	◇	0A124 B26C9 M16 W116E43V8R5TC11X90B1	.000	.000	25.000	-20.000
(CFB063)	△	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



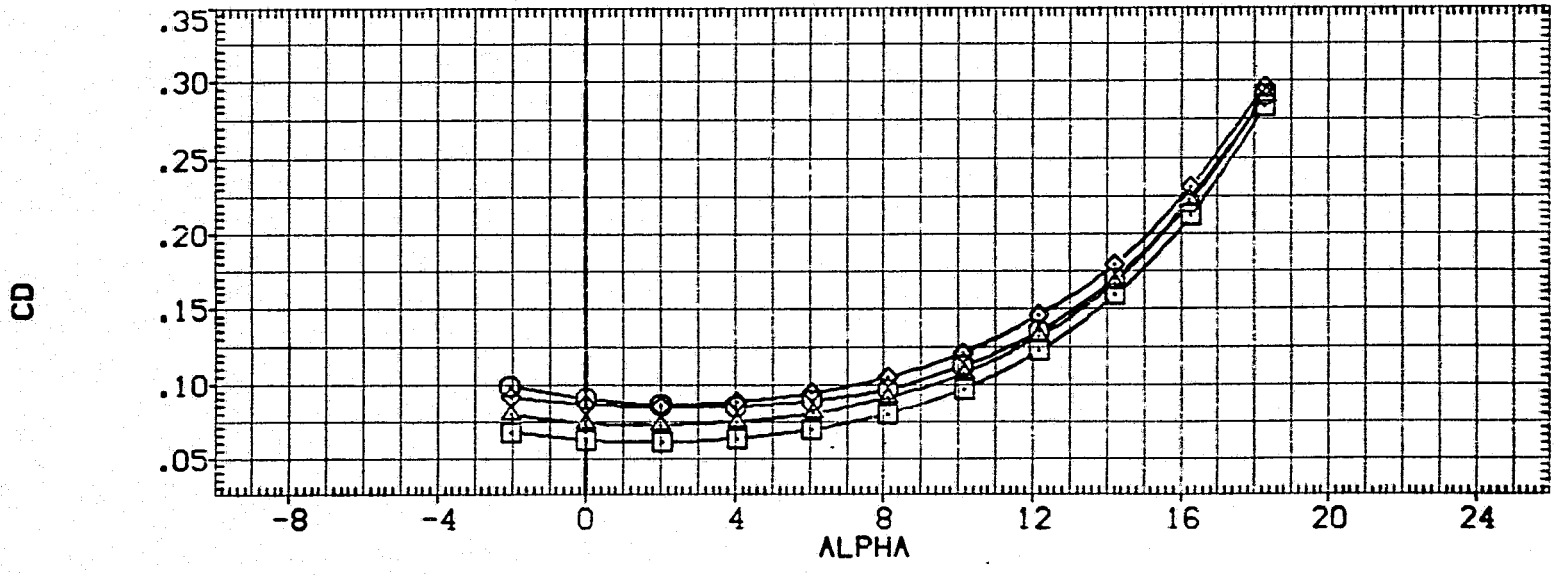


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB057)	⊠	0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(CFB063)	△	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

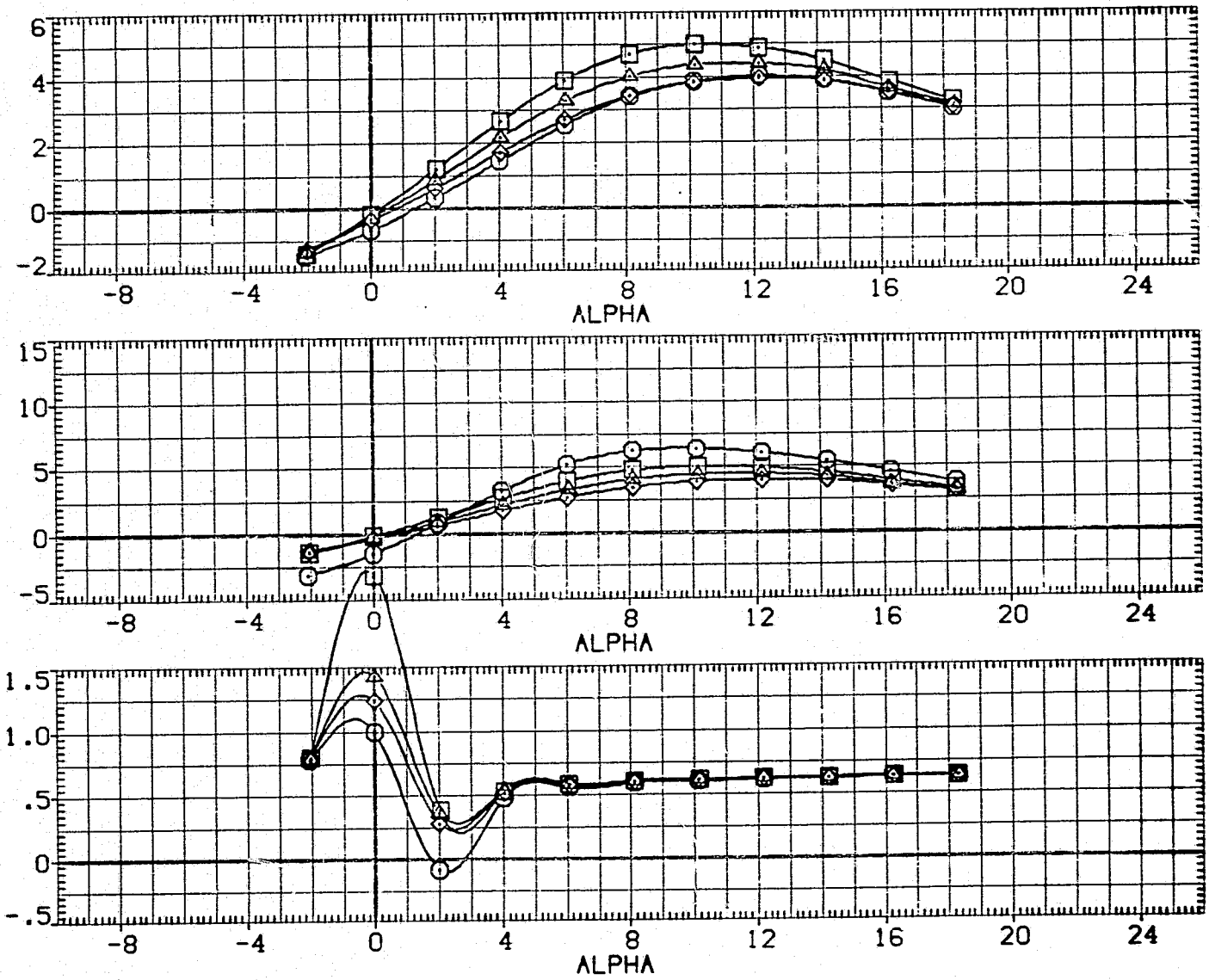
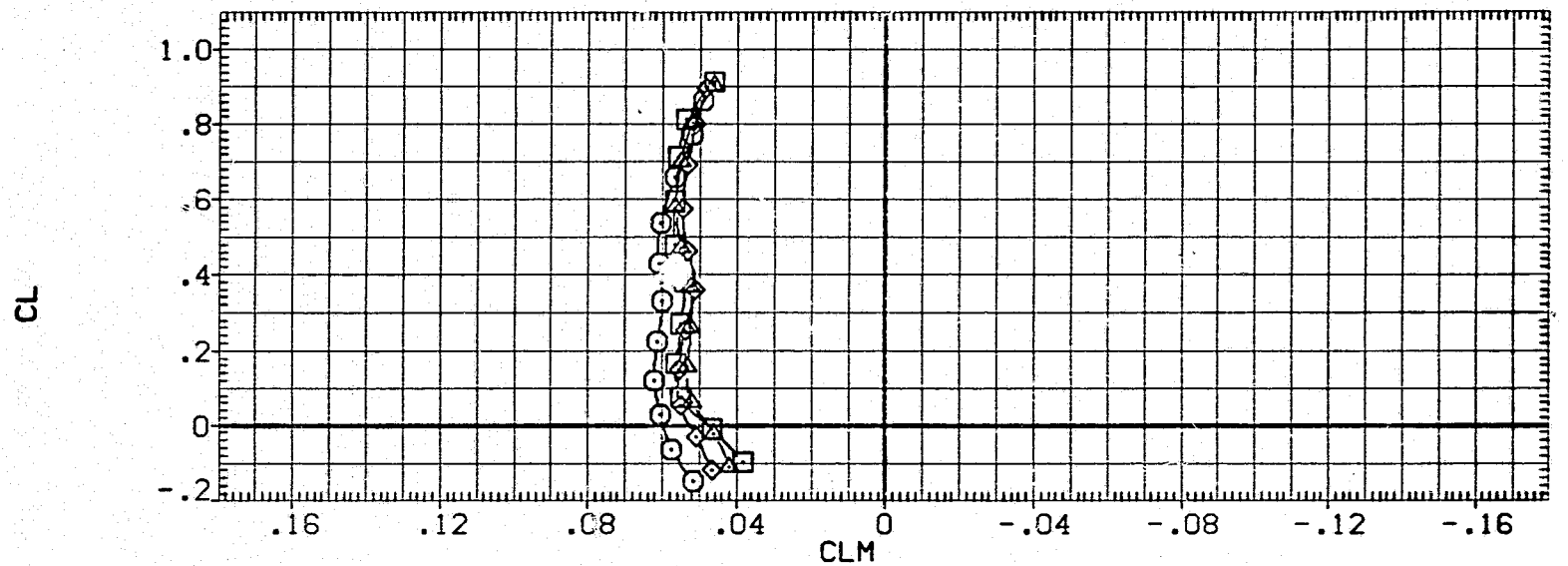


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB057)		0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(CFB063)		0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



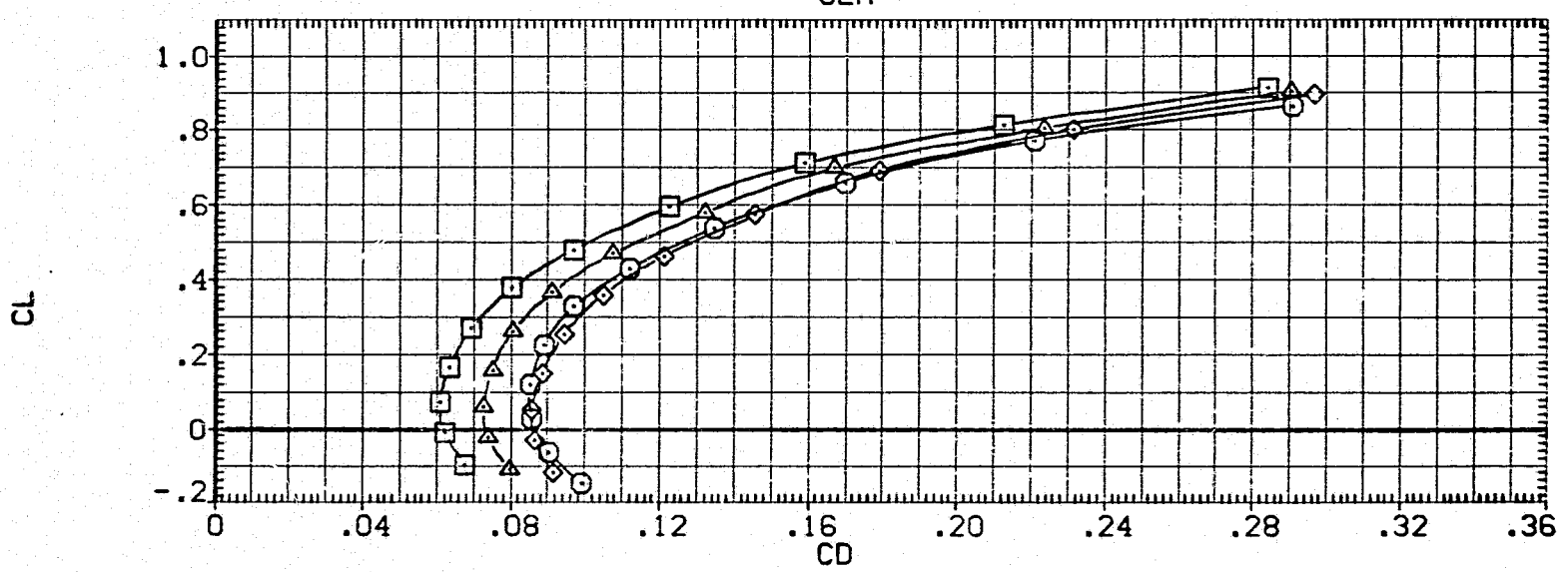


FIG. 13 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= -11.7 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB110)	□	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000
(AFB116)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X9DB1	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

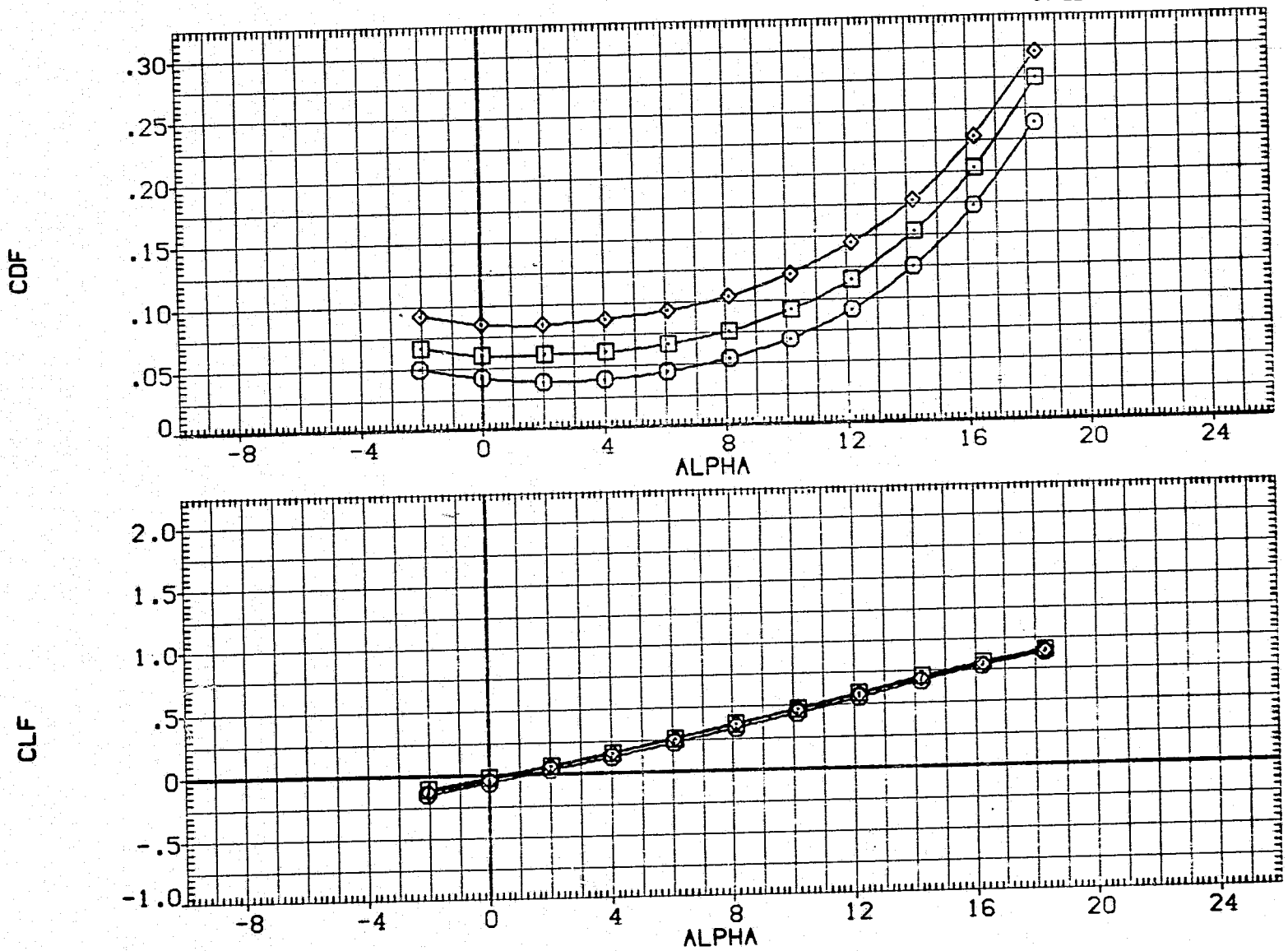


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB110)	□	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000
(AFB116)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X9DB1	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

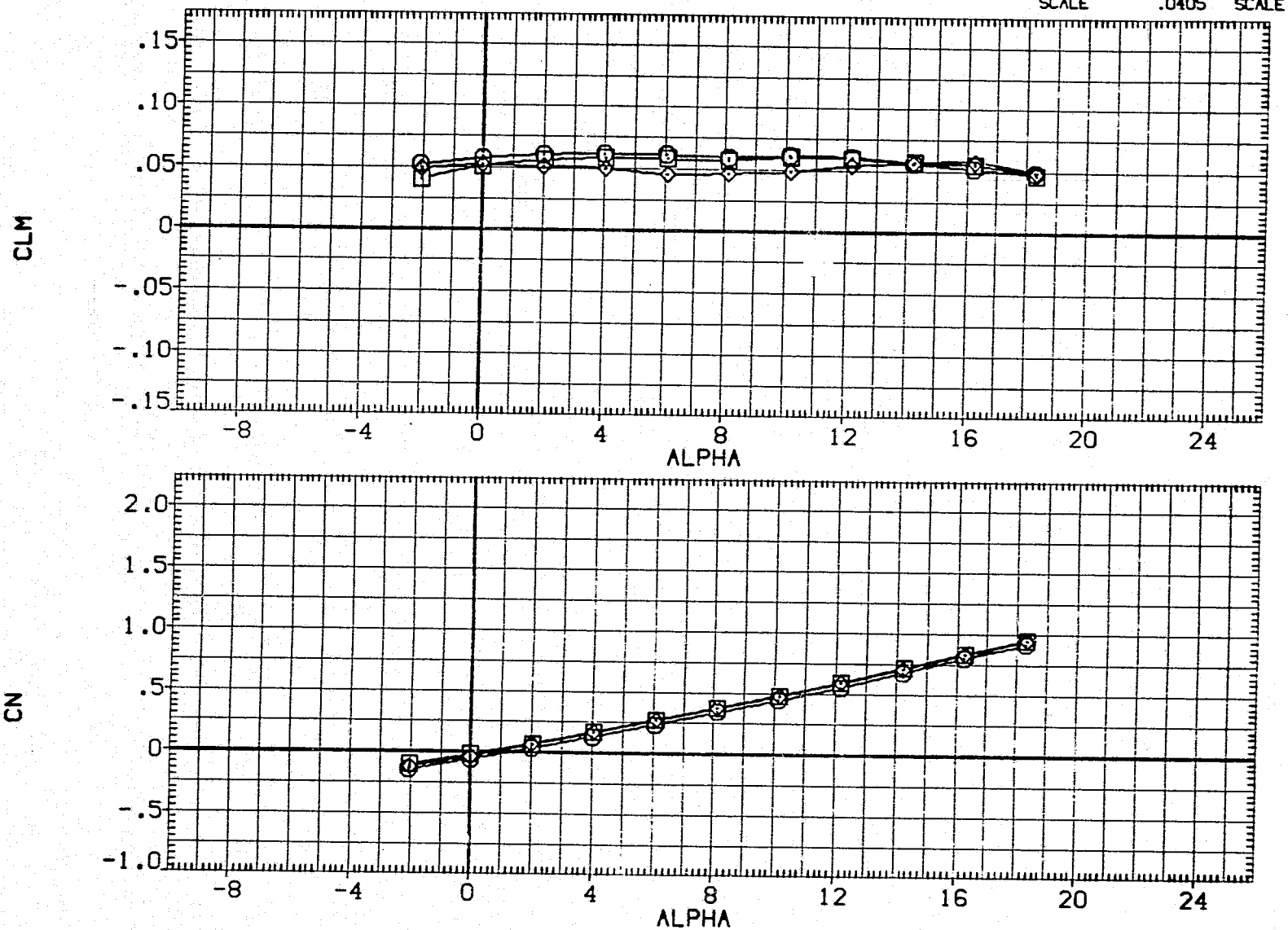


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(AFB110)	□	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000
(AFB116)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X90B1	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

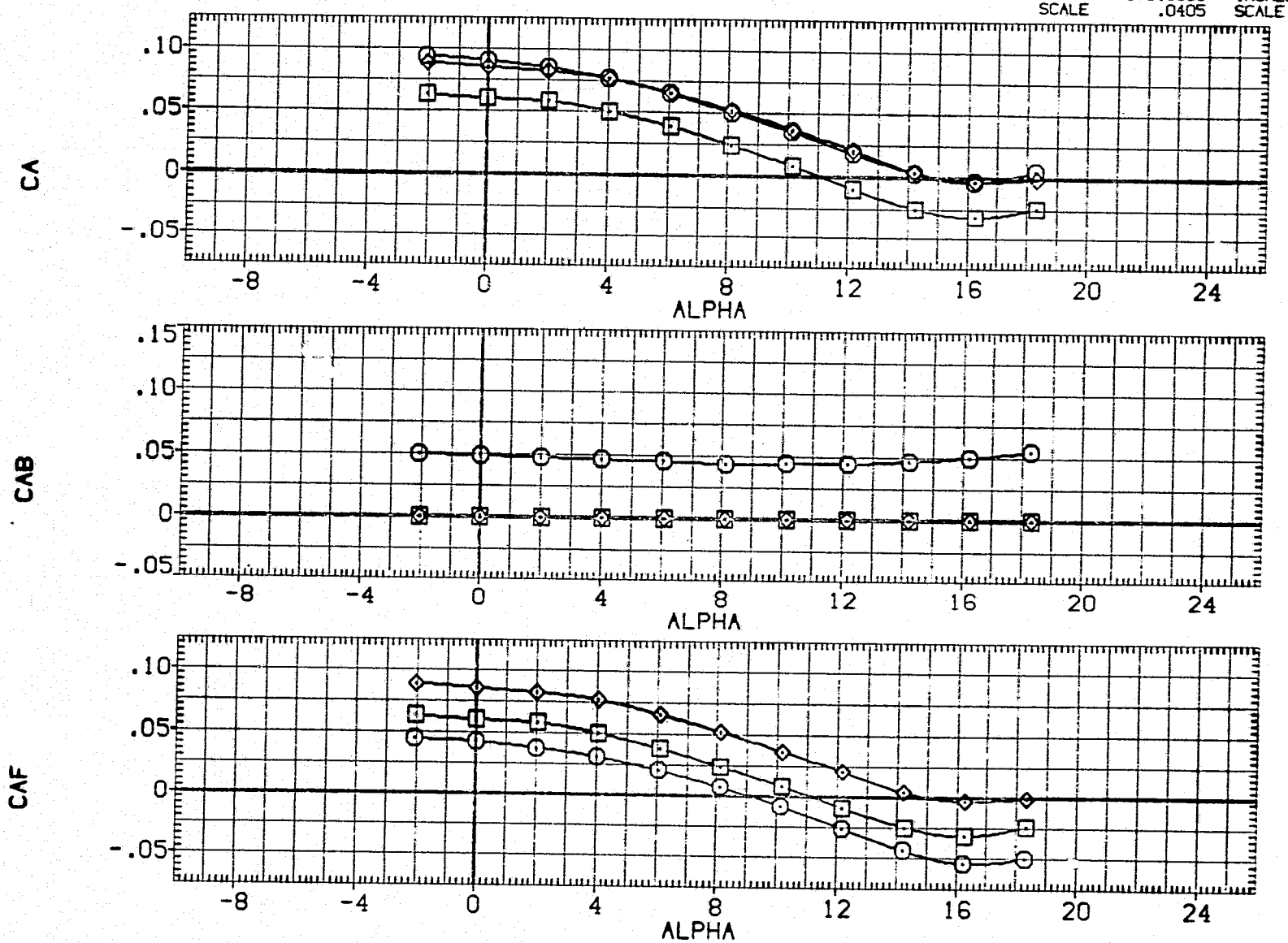


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(AFB001)	0A124	B50C9F8 M16N28W116E43V8R5 X9
(AFB110)	0A124	B26C9F8 M16 W116E43V8R5TC11X9TR4
(AFB116)	0A124	B26C9F8 M16 W116E43V8R5TC11X9DB1

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
.000	.000	.000	25.000
.000	.000	.000	25.000

REFERENCE INFORMATION

SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

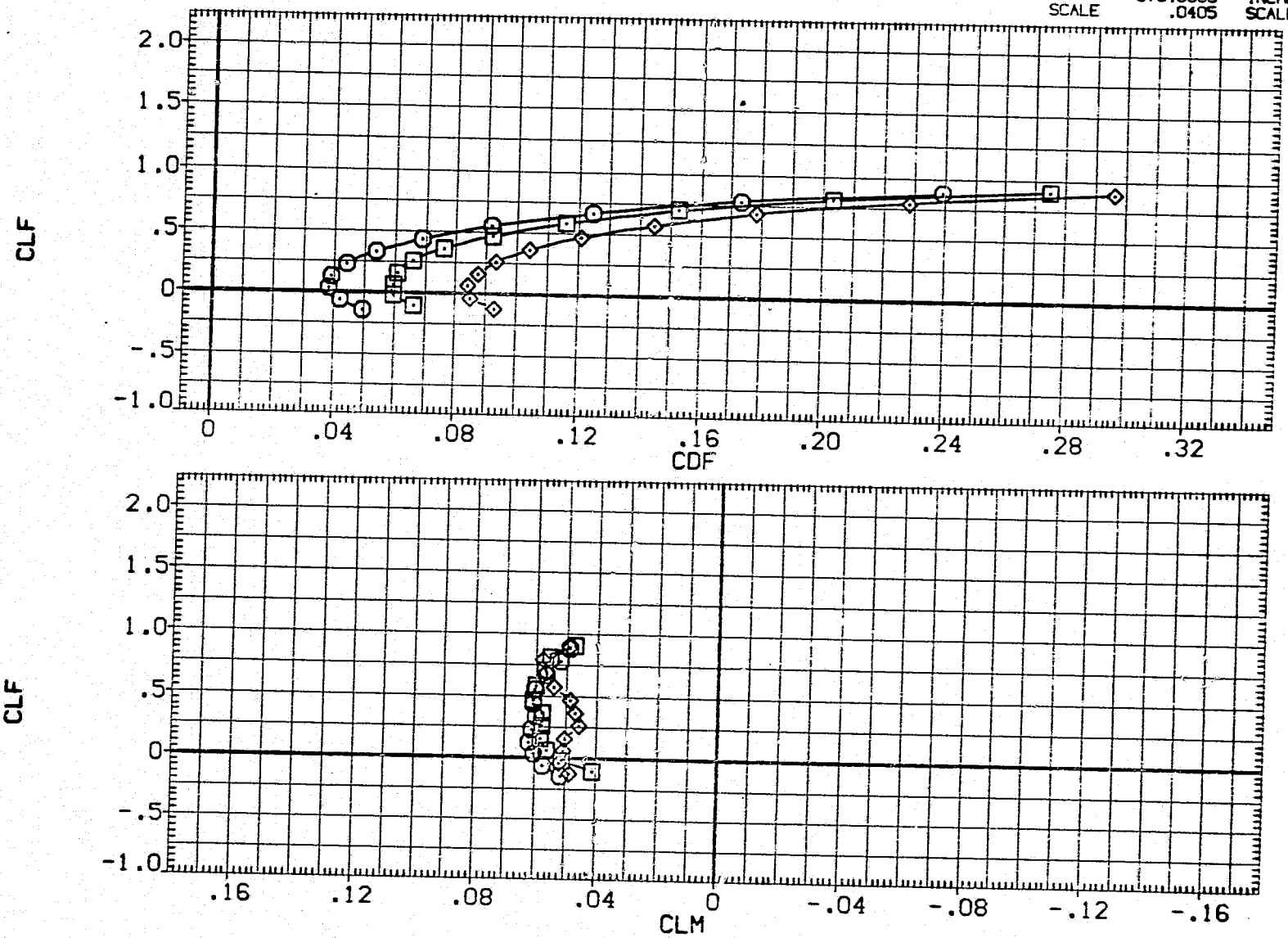


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB110)	□	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000
(CFB116)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X90B1	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

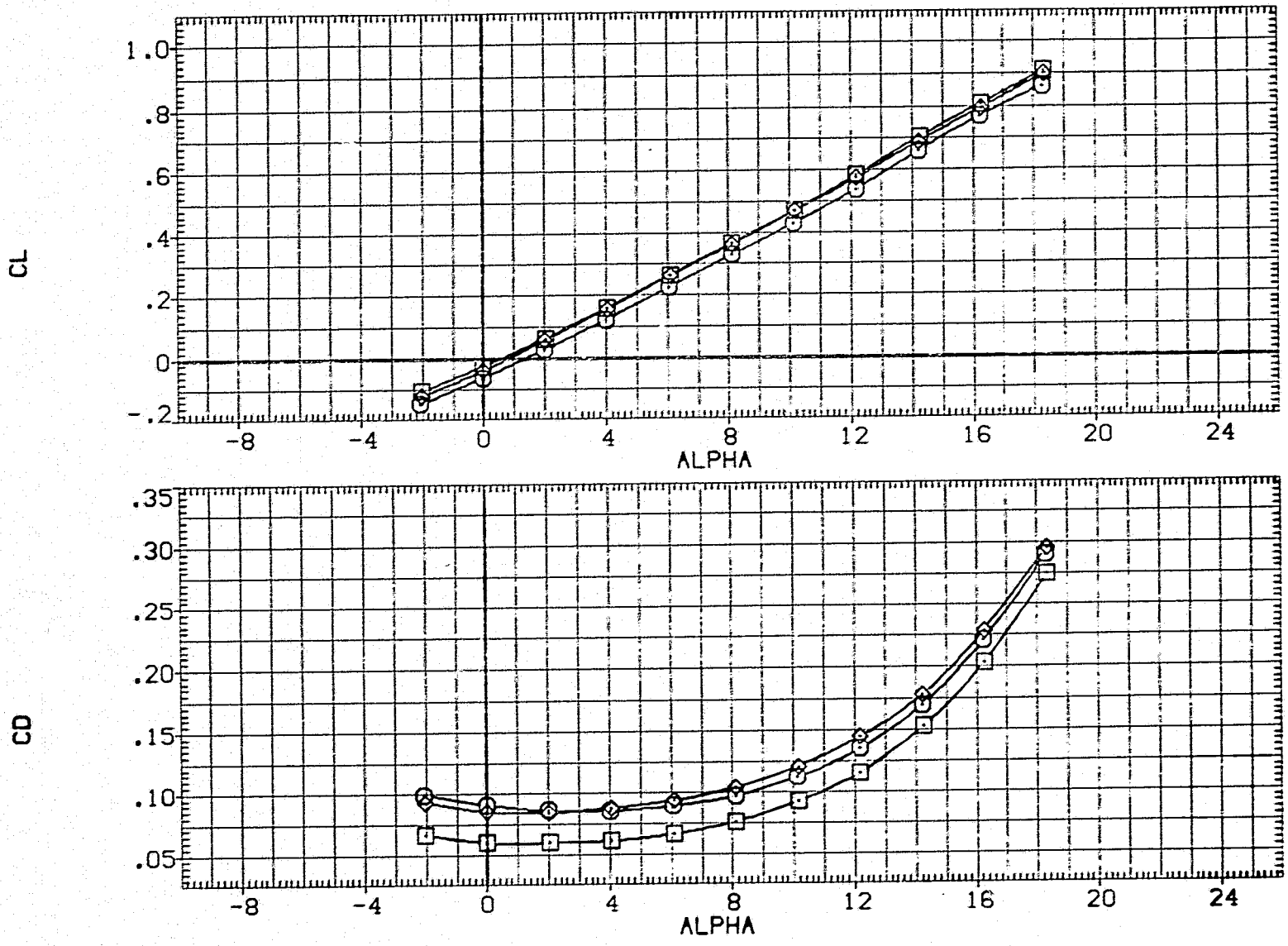


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(CFB001) ○	0A124 B50C9F8 M16N28W116E43V8R5 X9
(CFB110) □	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4
(CFB116) ◇	0A124 B26C9F8 M16 W116E43V8R5TC11X90B1

BDFLAP	ELV-L	ELV-R	SPDBRK
-11.700	.000	.000	25.000
.000	.000	.000	25.000
.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

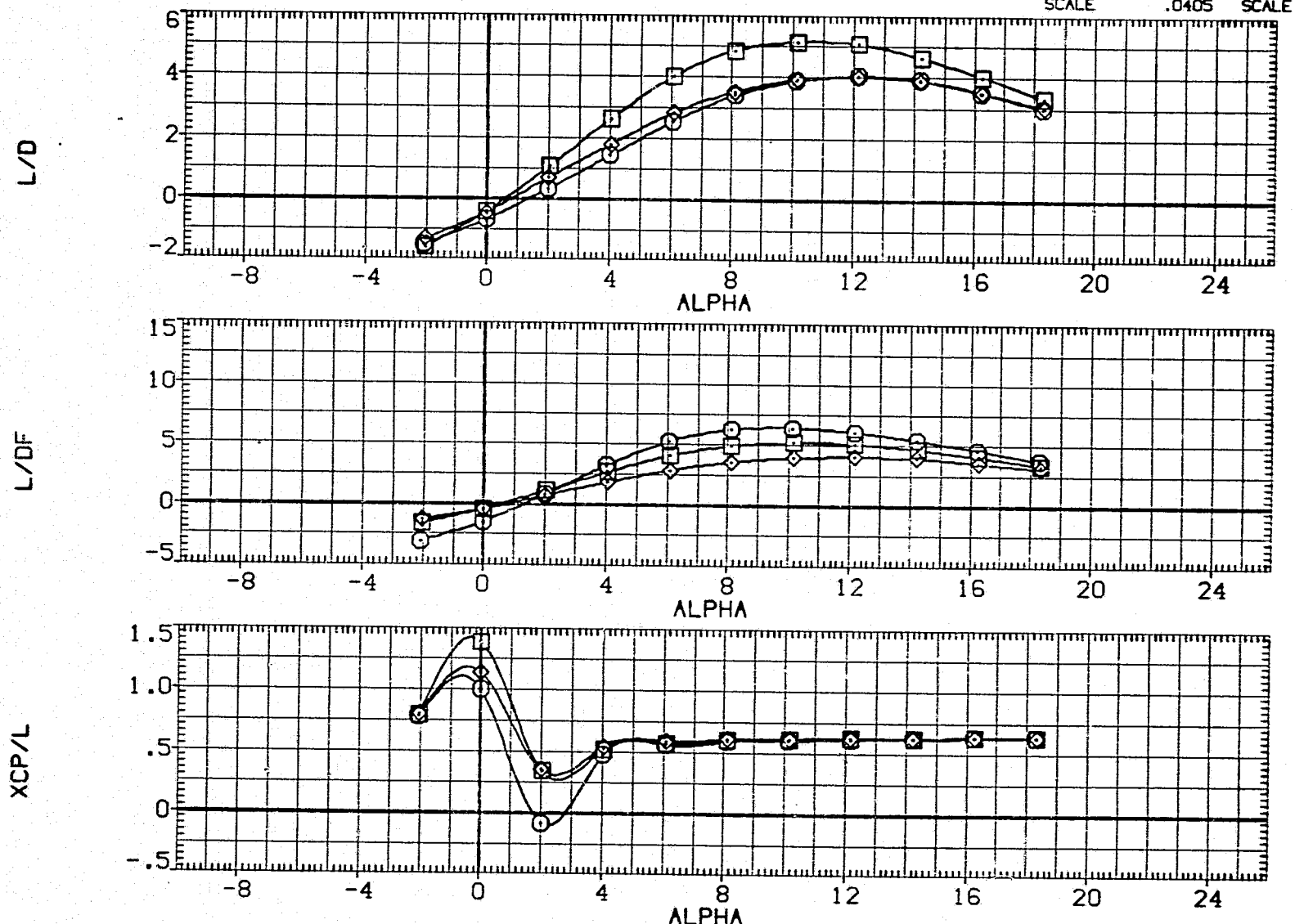
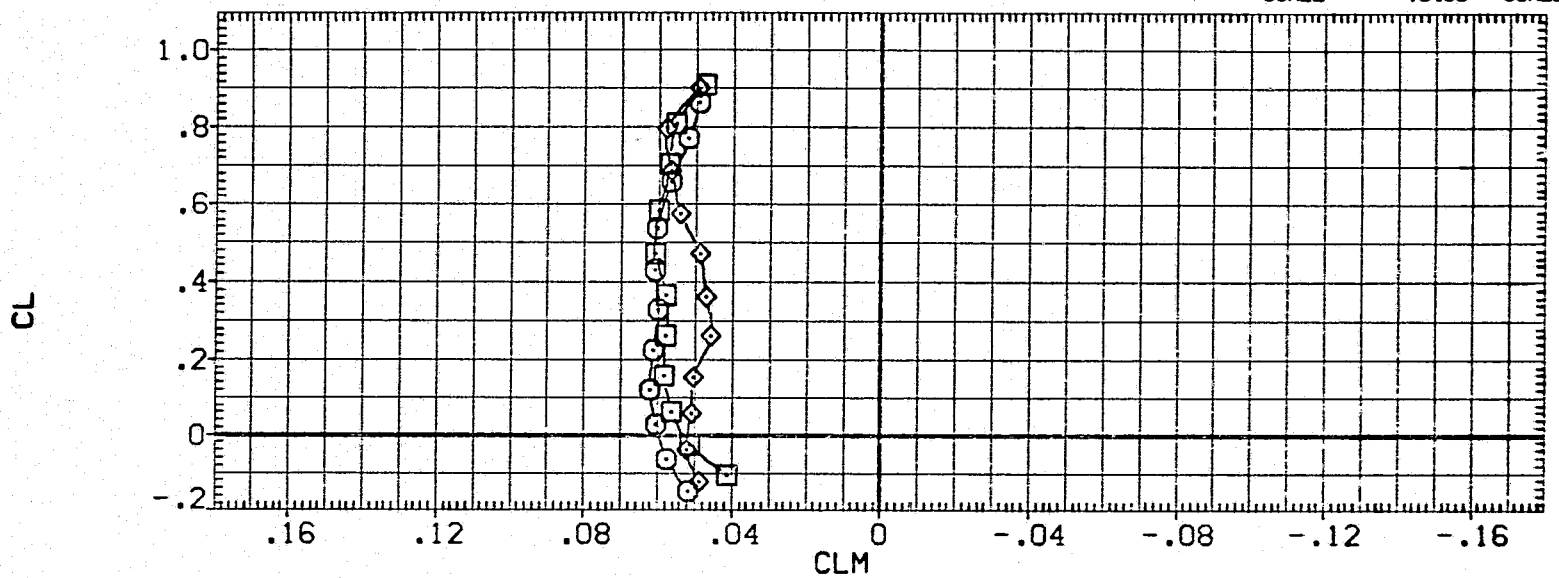


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(CFB001)	○	0A124 B50C9F8 M16N28V116E43V8R5 X9	-11.700	.000	.000	25.000
(CFB110)	□	0A124 B26C9F8 M16 V116E43V8R5TC11X9TR4	.000	.000	.000	25.000
(CFB116)	◇	0A124 B26C9F8 M16 V116E43V8R5TC11X9DB1	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



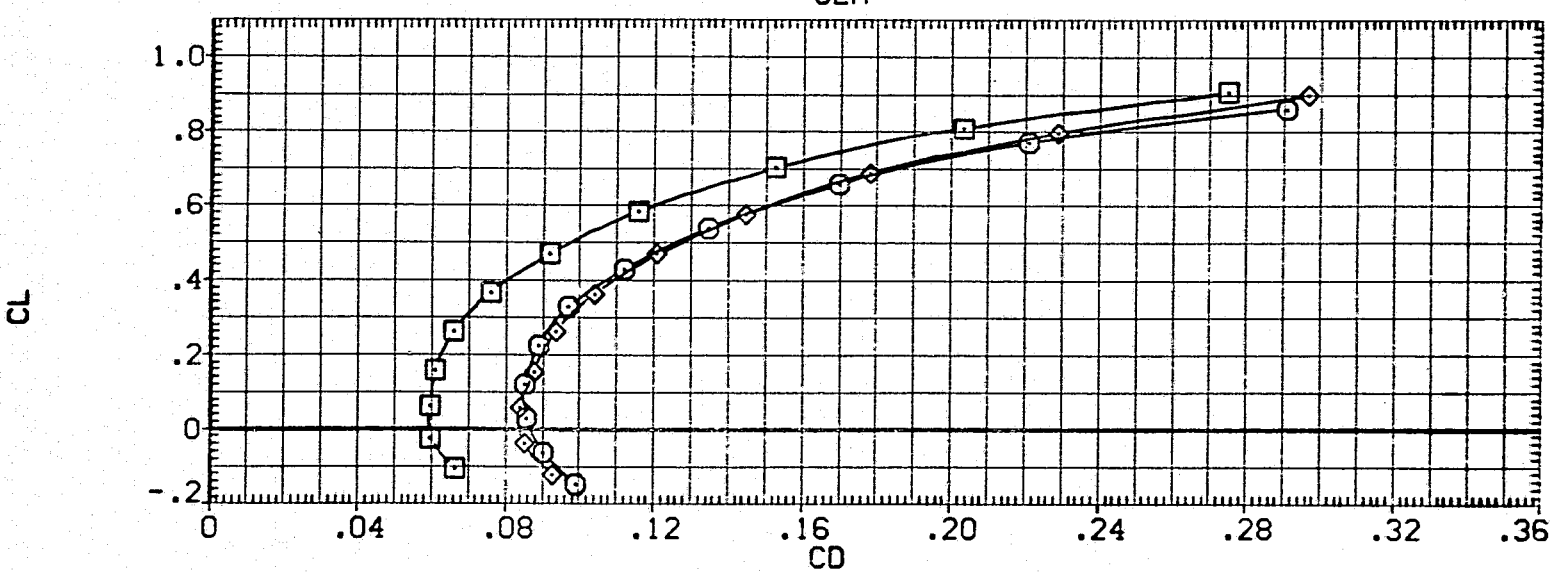


FIG. 14 LONG. EFFECTS OF ADDING DRAG ON X3B LONG. CHAR. - BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB087)	□	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(AFB093)	◇	0A124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(AFB107)	△	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

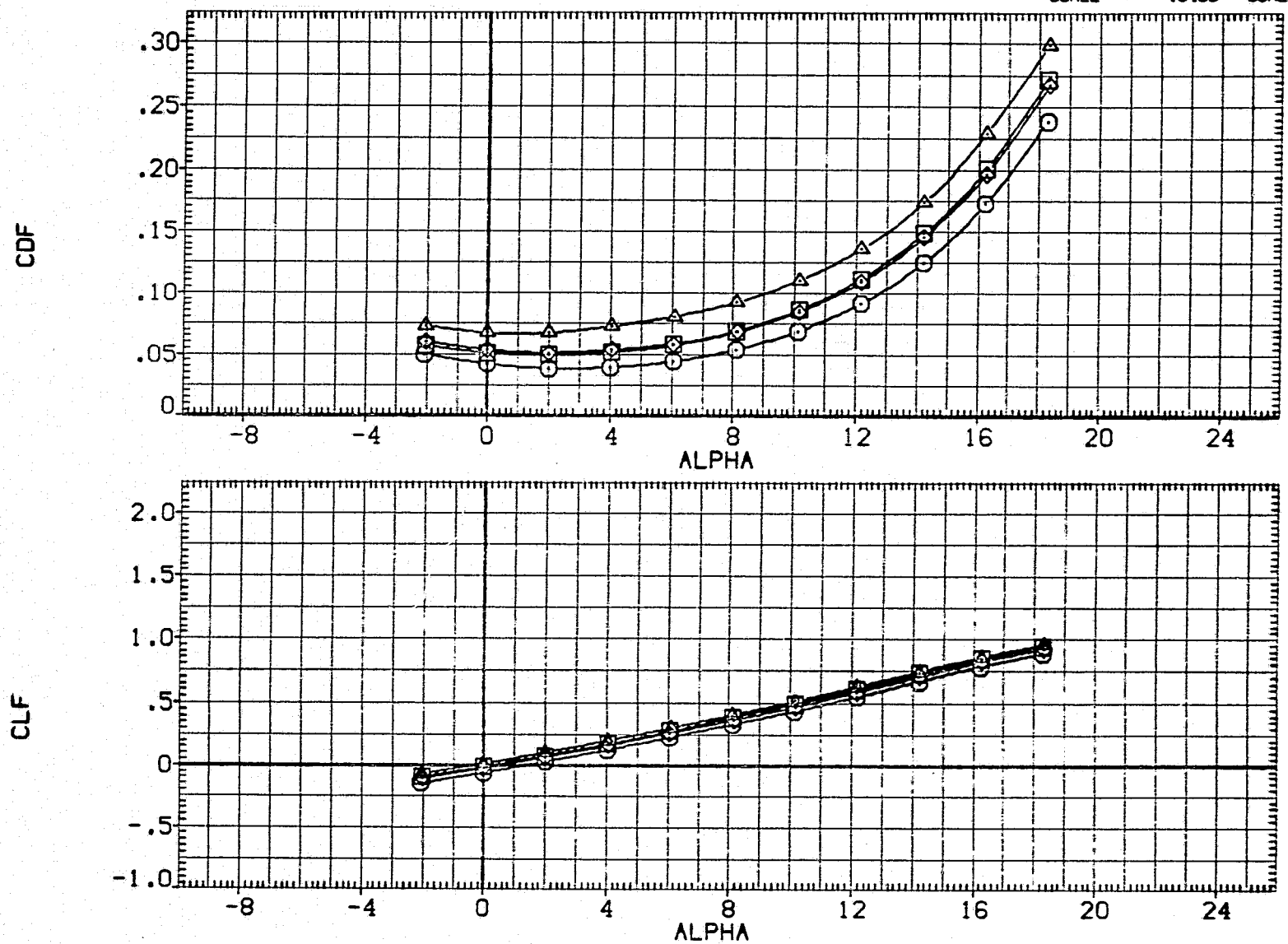
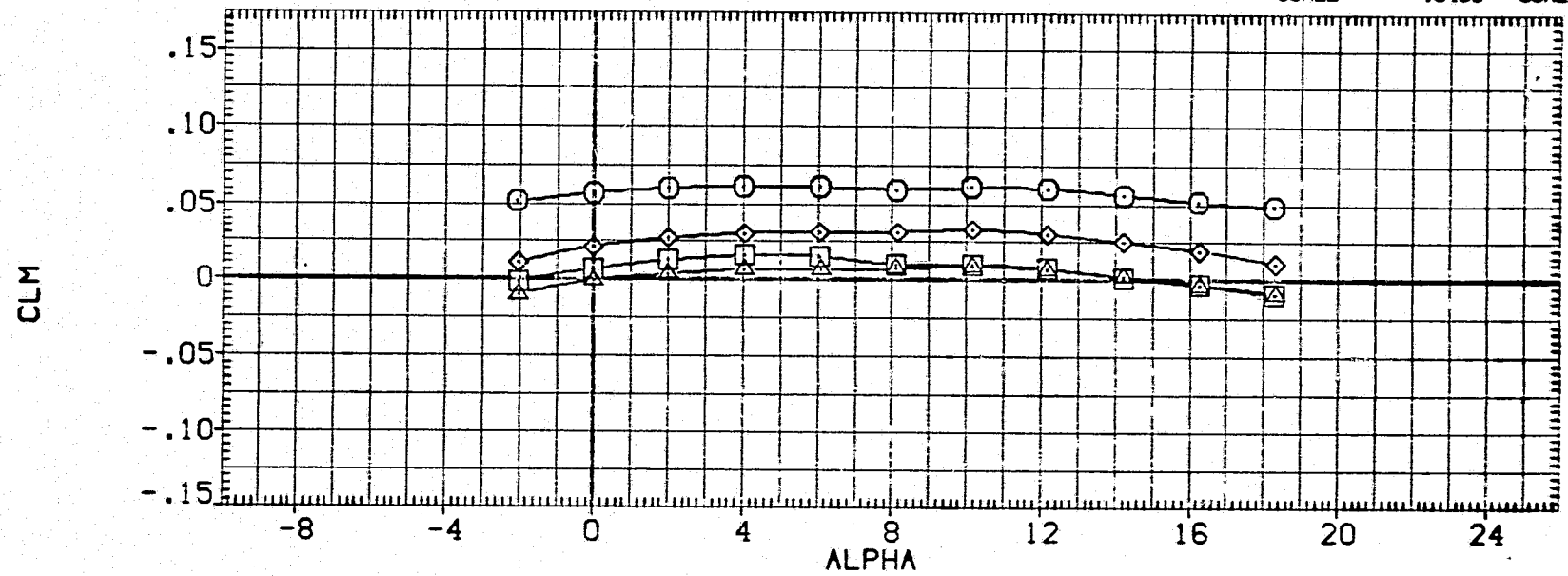


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124	B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB087)	□	0A124	B26C9 M16 W116E43V8R5TC3XS	.000	.000	25.000	.000
(AFB093)	◇	0A124	B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(AFB107)	△	0A124	B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



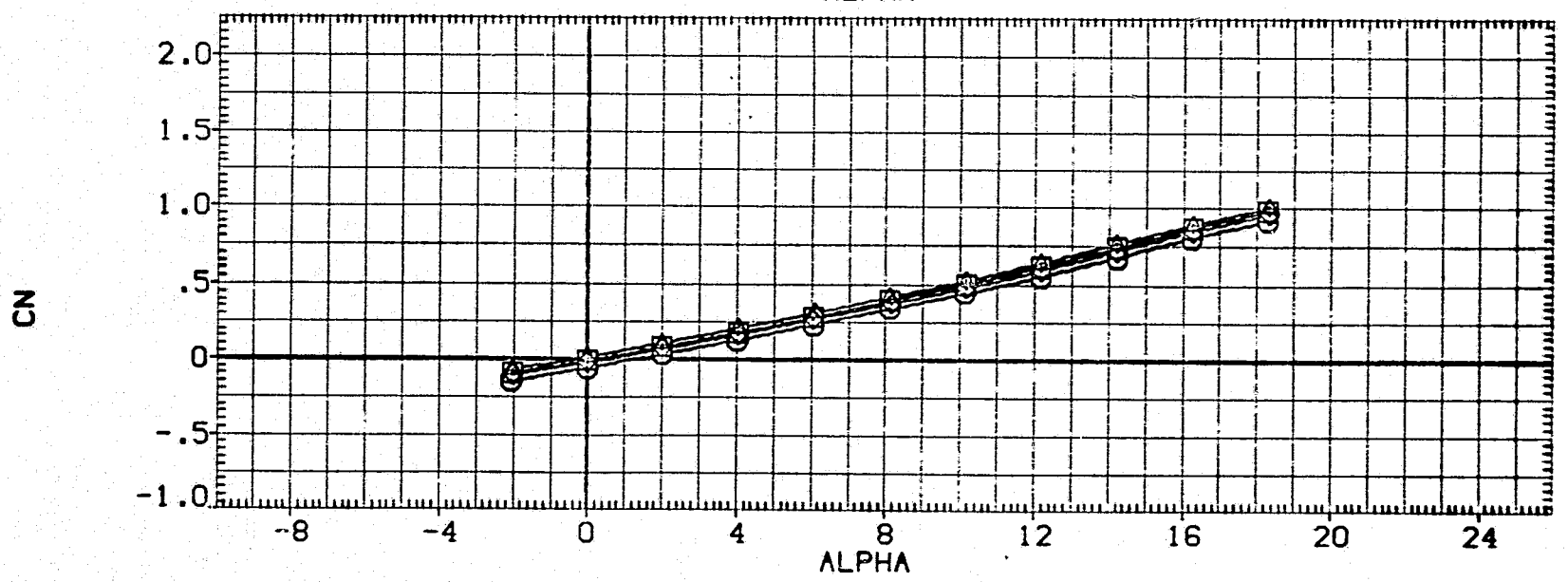


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)		OA124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB087)		OA124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(AFB093)		OA124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(AFB107)		OA124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

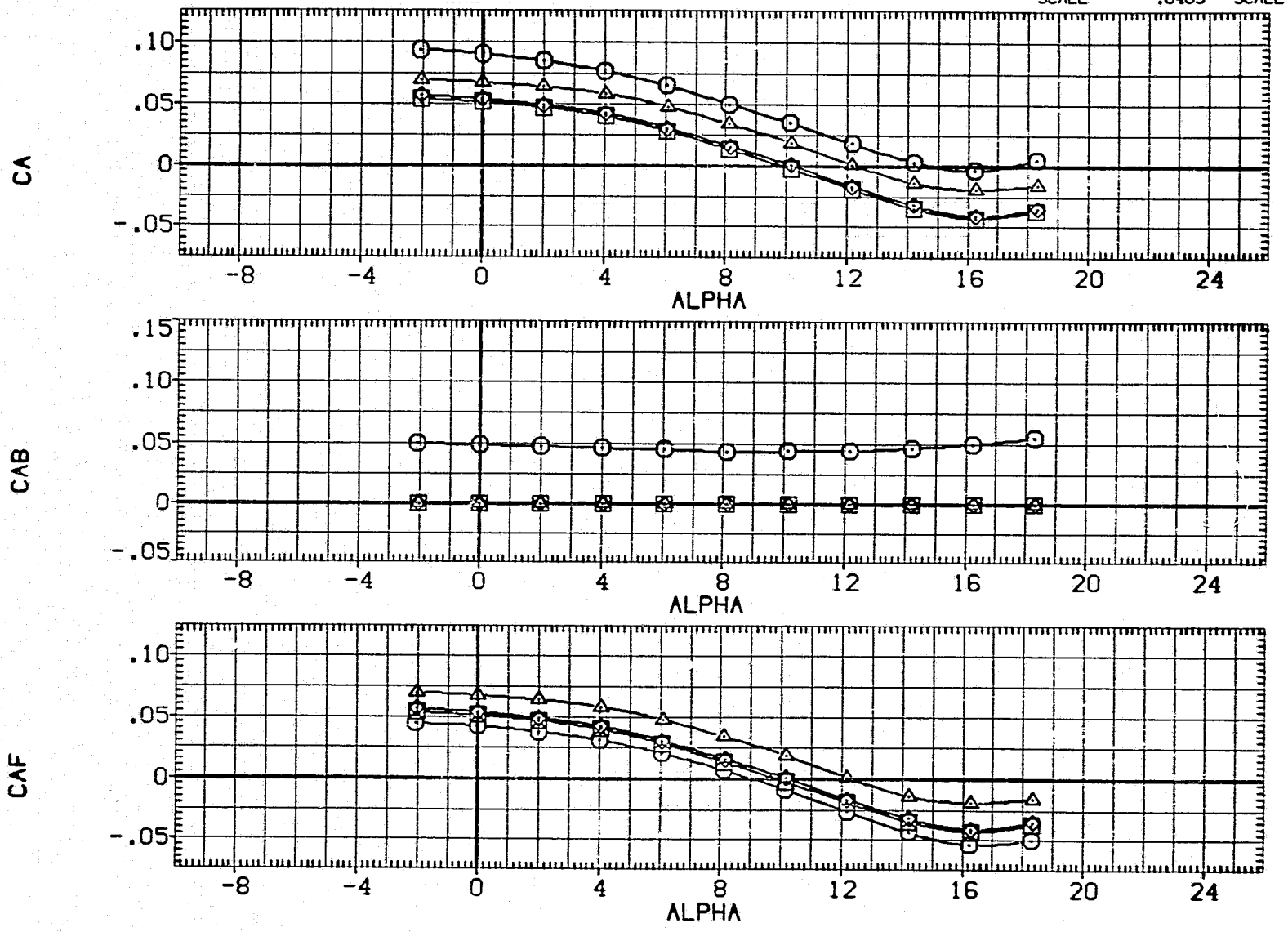
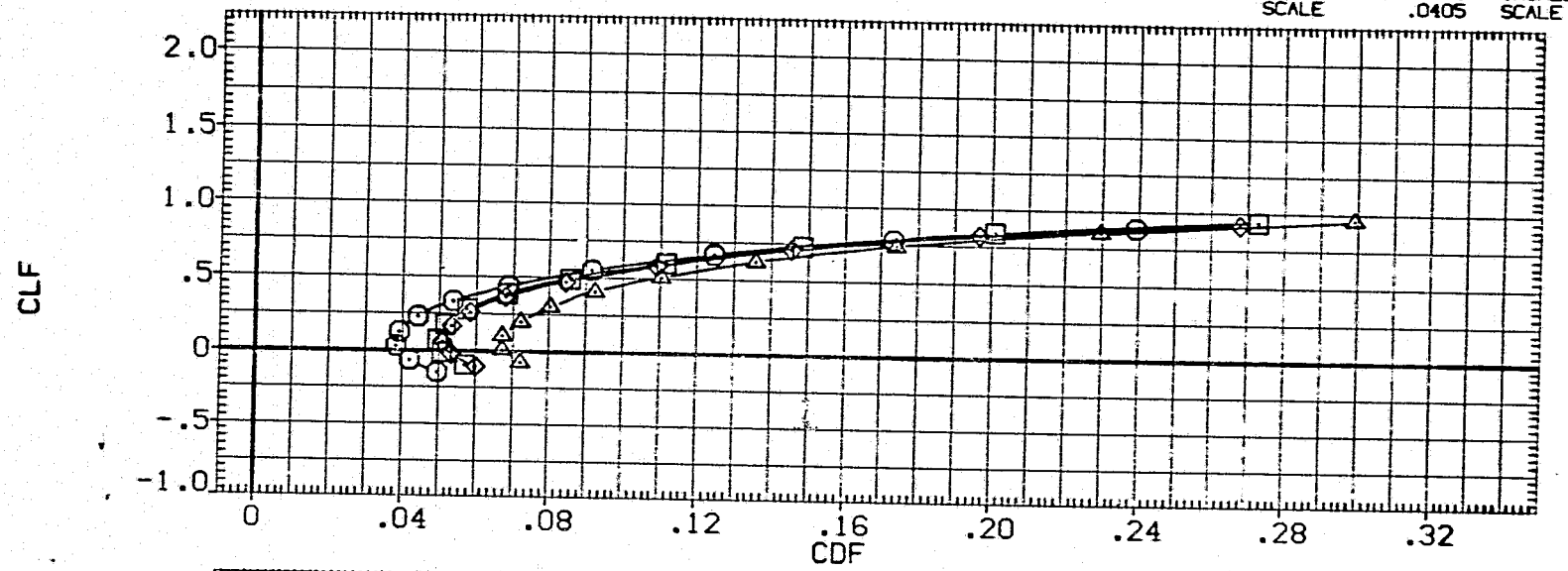


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .25

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB087)	□	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(AFB093)	◇	0A124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(AFB107)	△	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



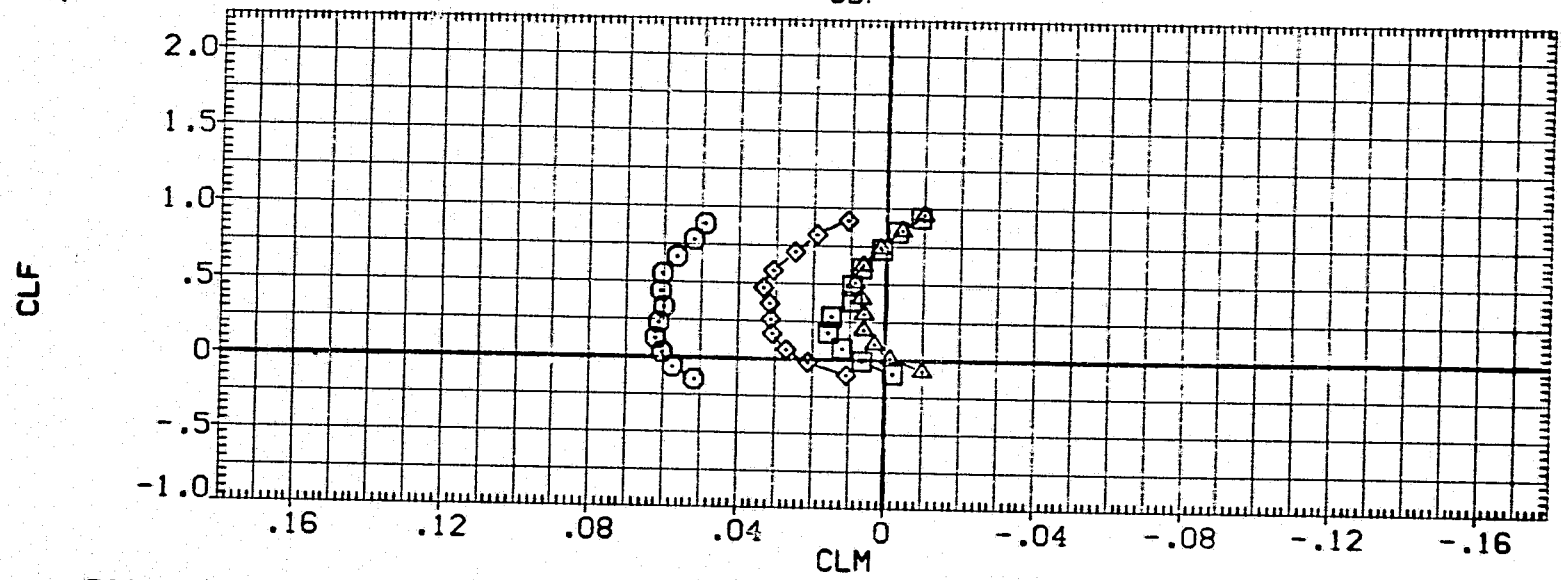
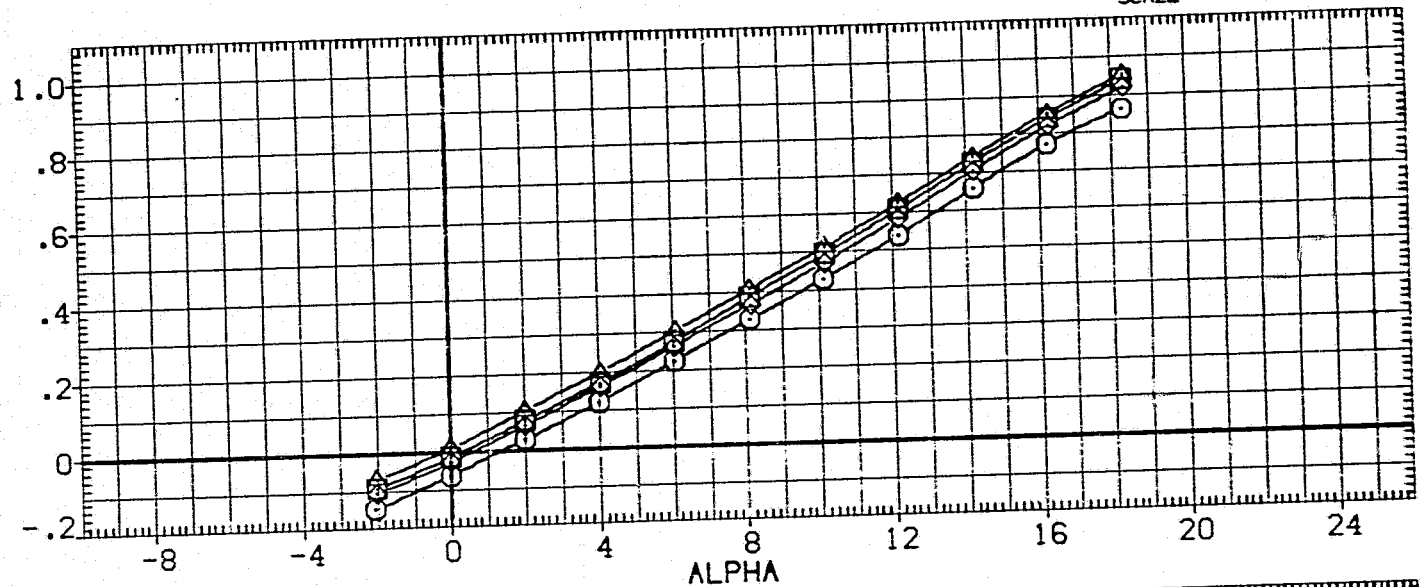


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	.000
(CFB087)	□	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	
(CFB093)	◇	0A124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(CFB107)	△	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



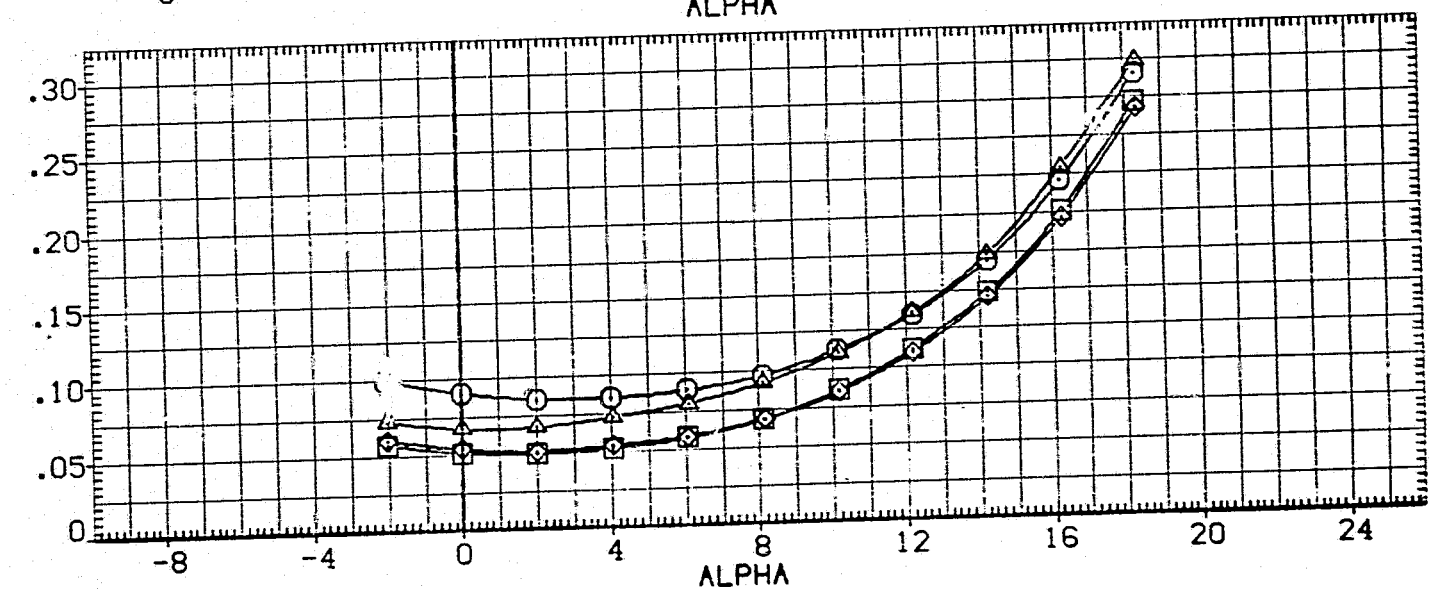


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB087)	□	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(CFB093)	◇	0A124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(CFB107)	△	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

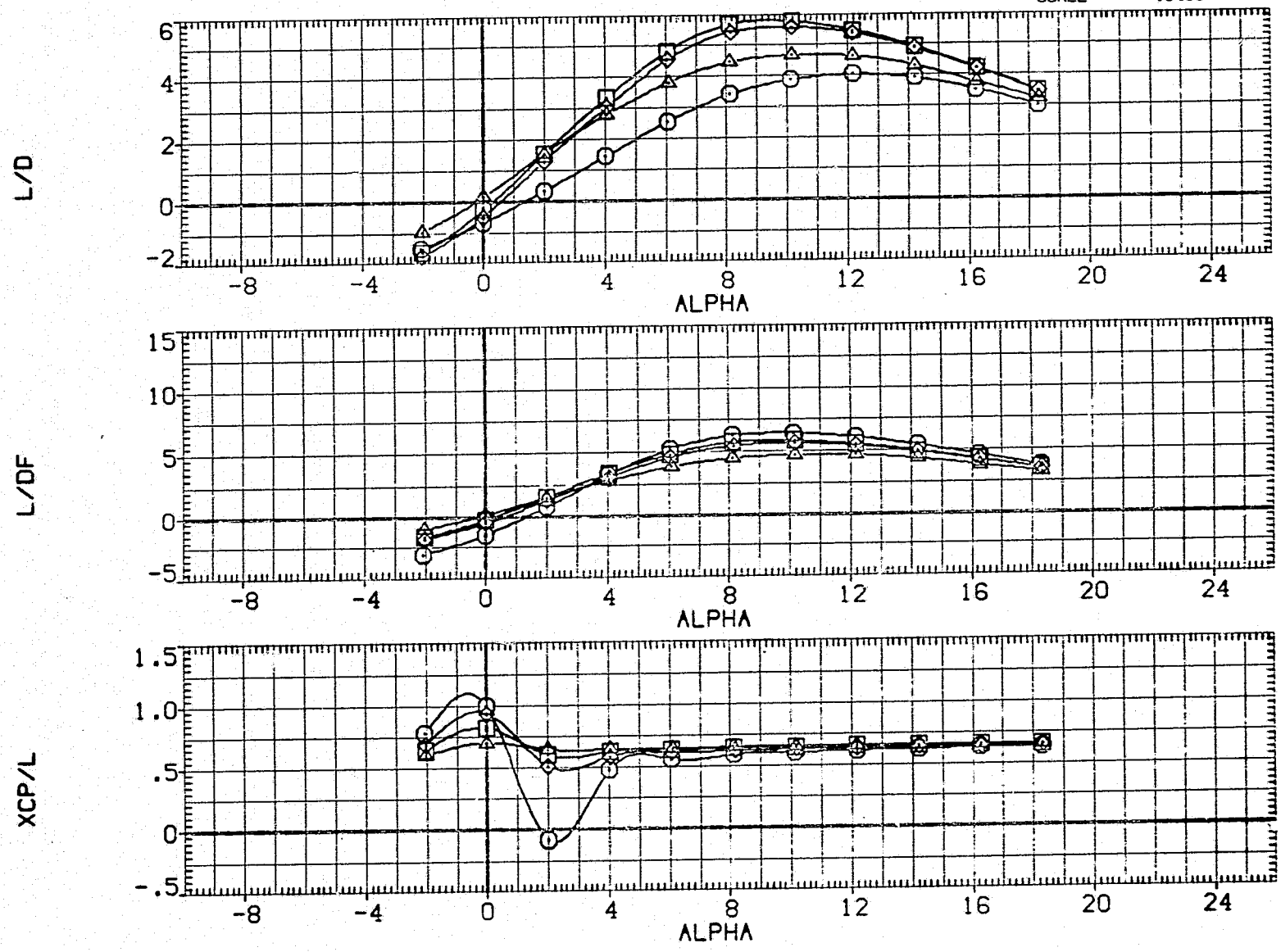


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001) ○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB087) □	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(CFB093) ◇	0A124 B26C9 M16 W116E43V8R5TC7X9	.000	.000	25.000	
(CFB107) △	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

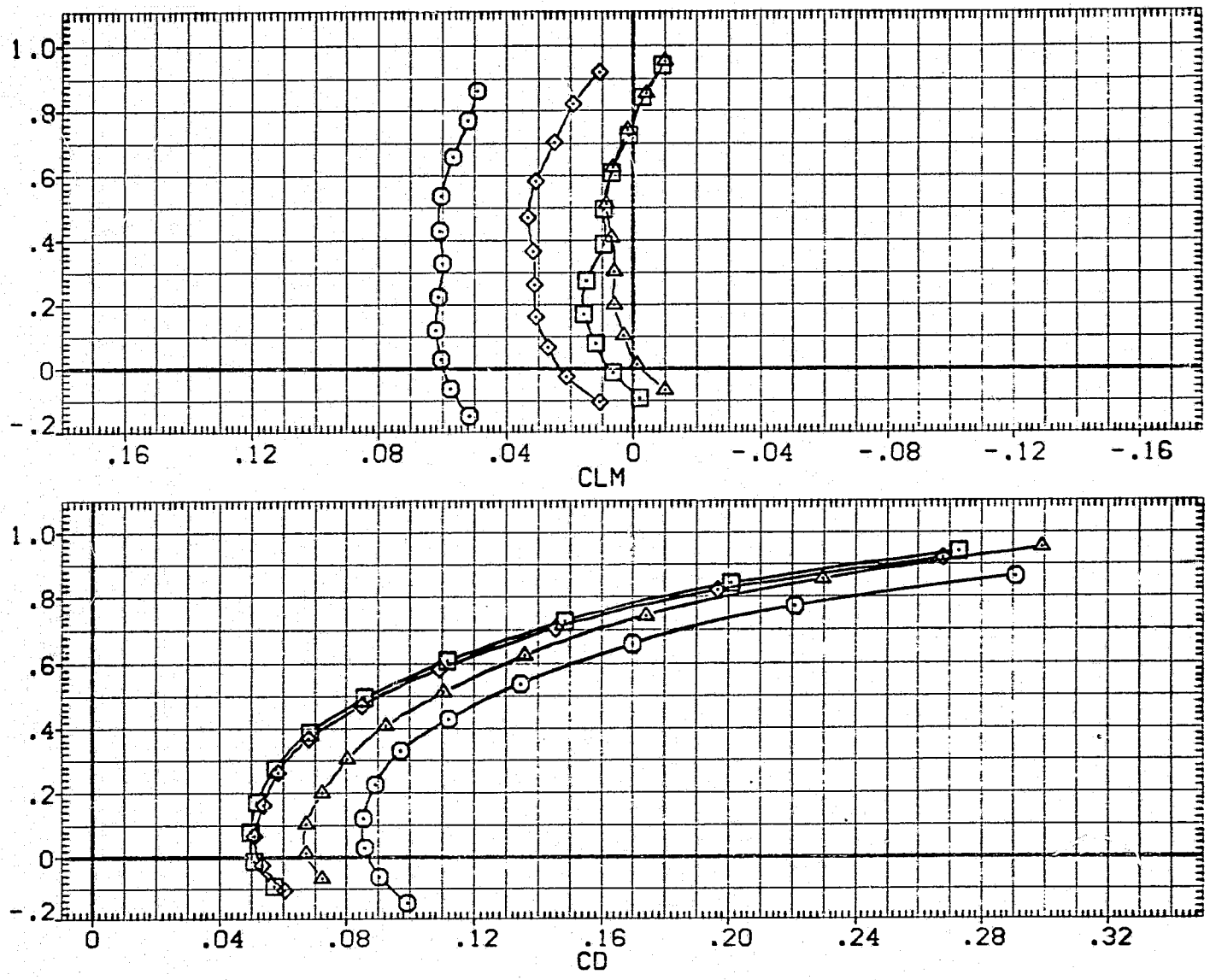


FIG. 15 LONG. EFFECT OF X3 TAILCONE FAIRINGS ON ORBITER CHARACTERISTICS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB107)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

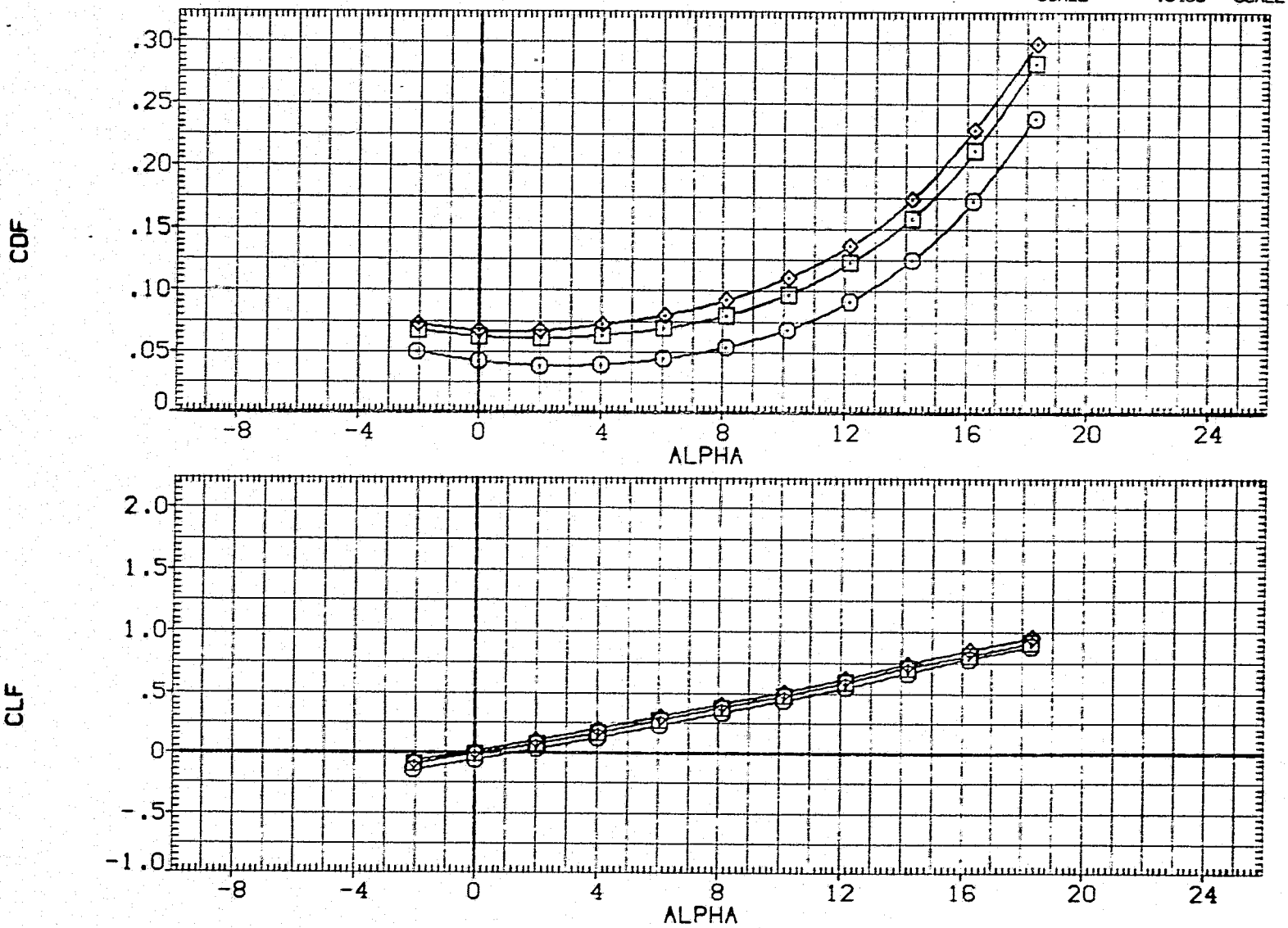


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001) ○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053) □	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB107) ◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

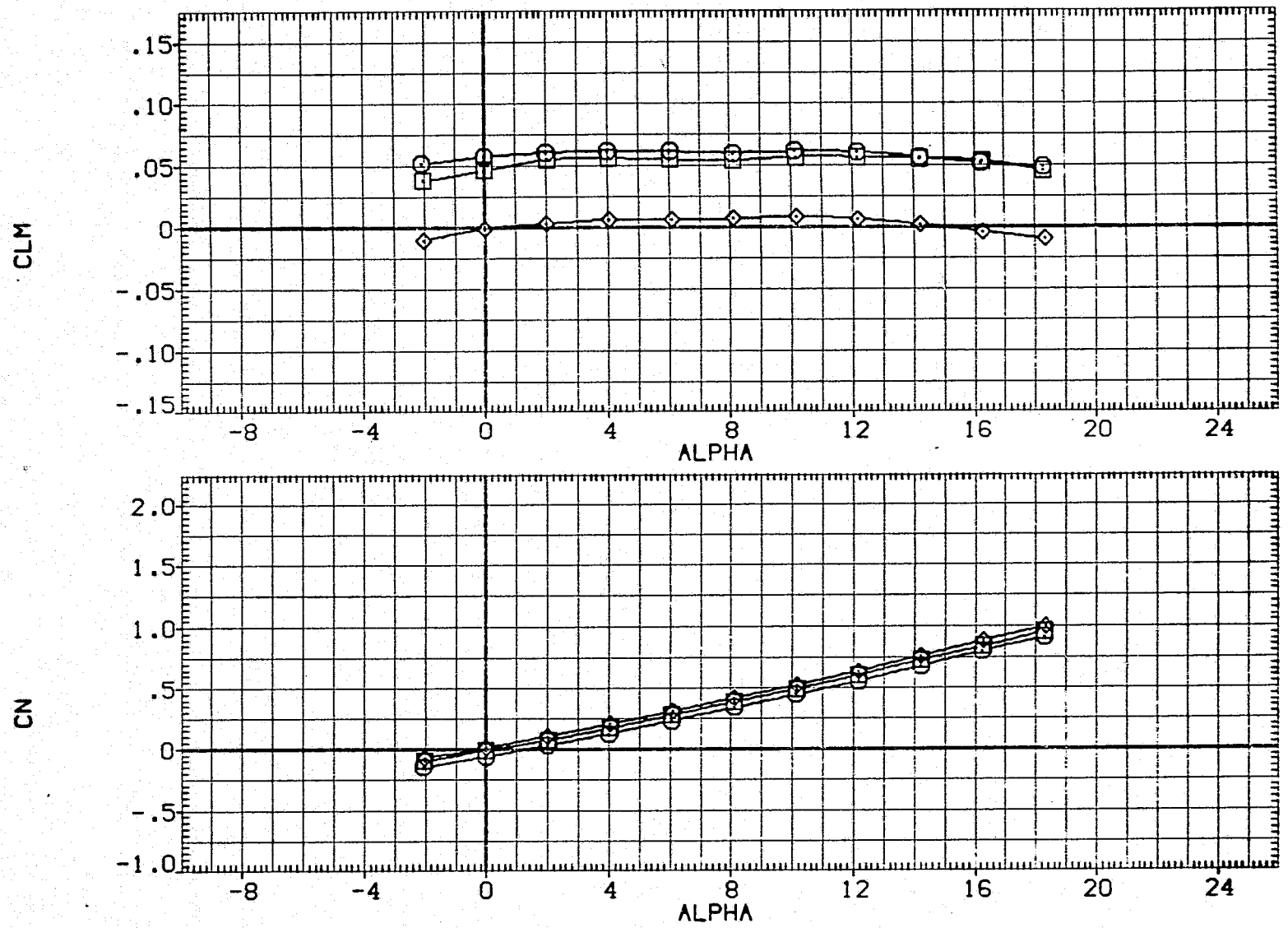


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
[AFB001]	0A124 B50C9F8 M16N28V116E43V8R5 X9	.000	.000	25.000	
[AFB053]	0A124 B26C9 M16 V116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
[AFB107]	0A124 B26C9 M16 V116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

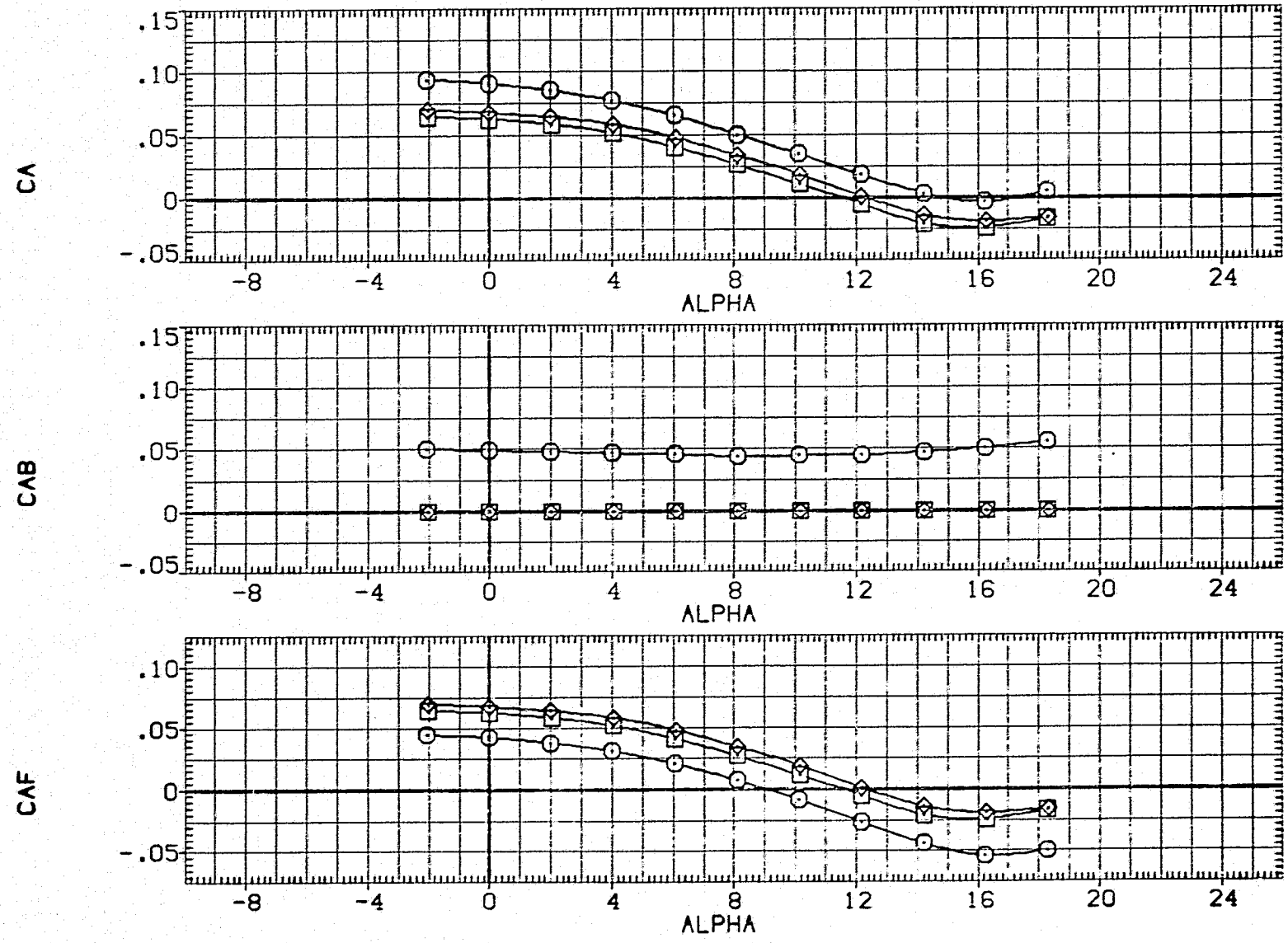


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(AFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(AFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(AFB107)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

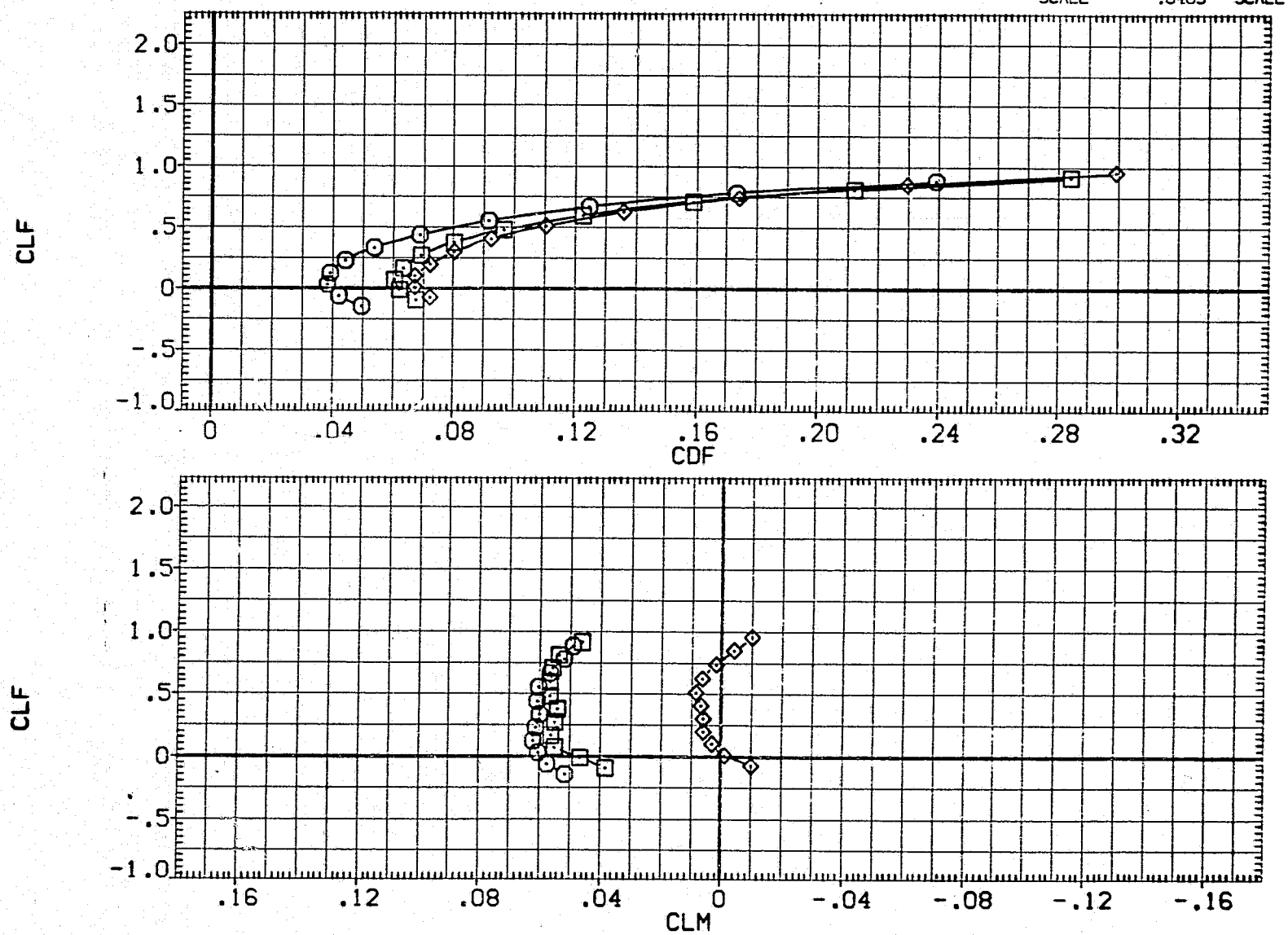
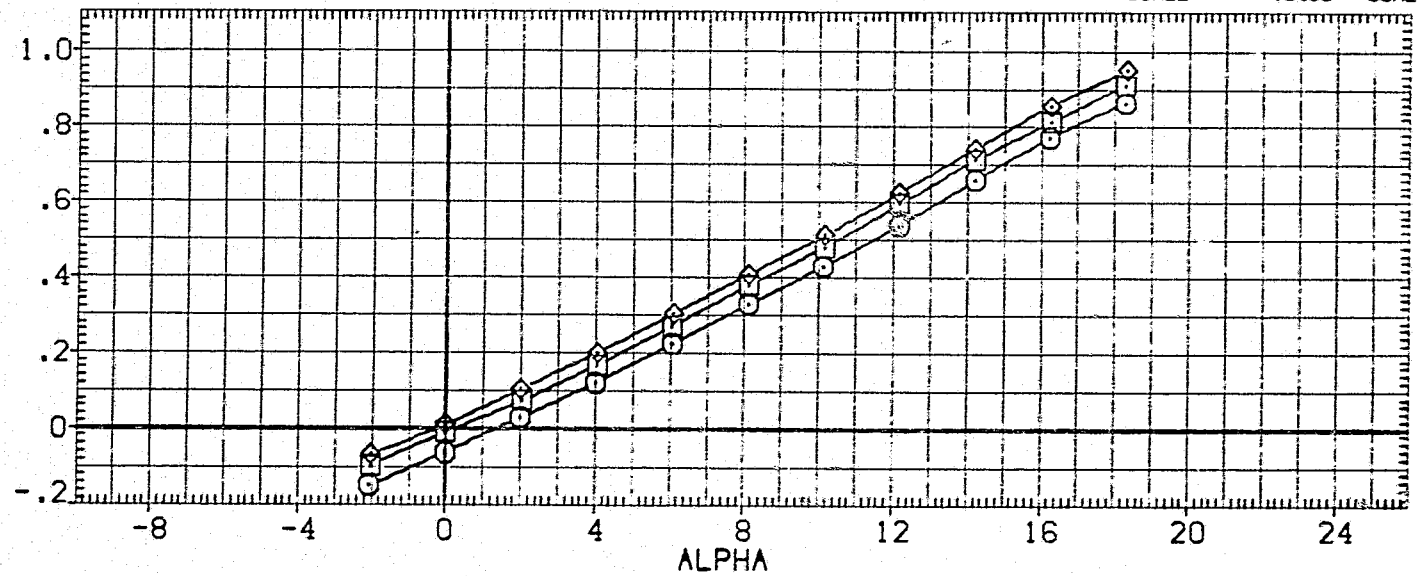


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SP..RK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB107)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



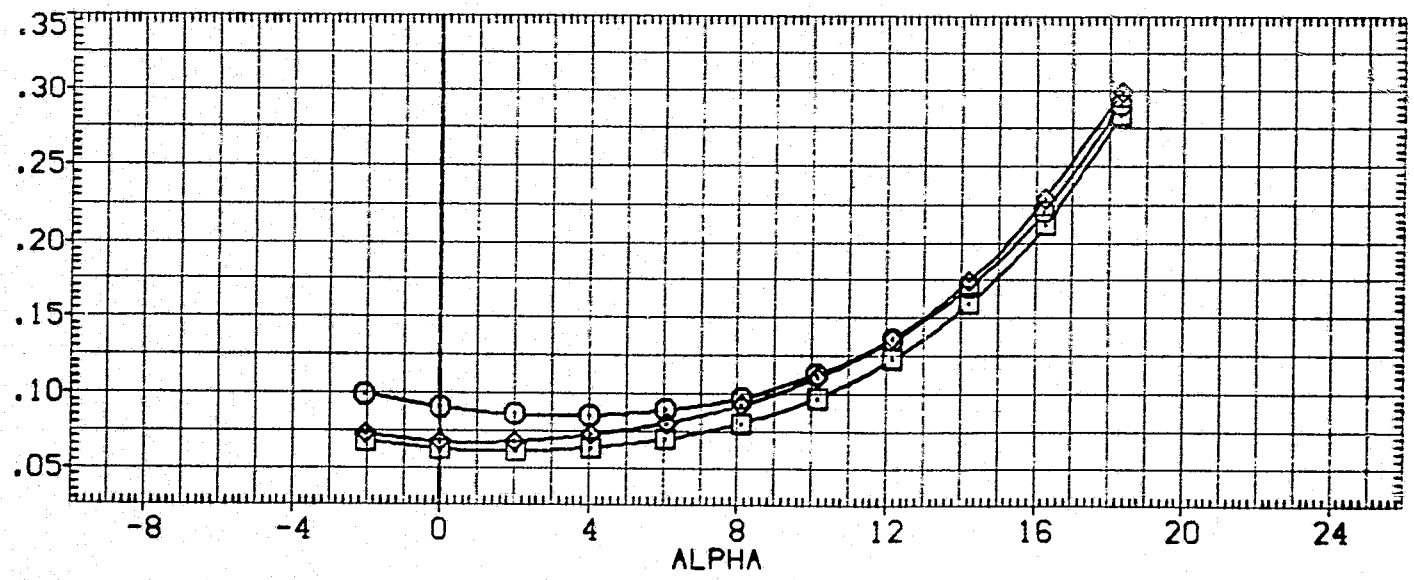


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB107)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

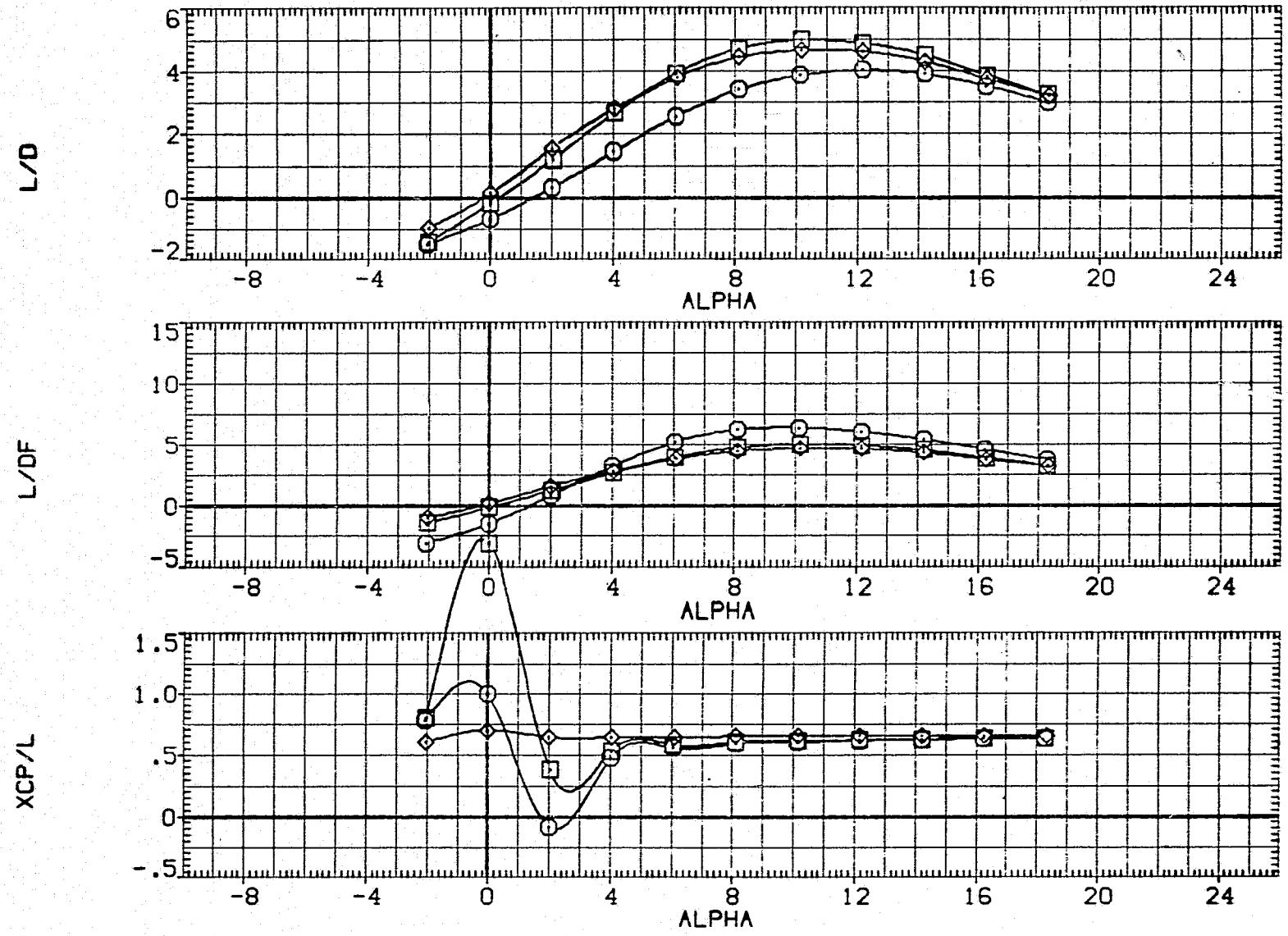
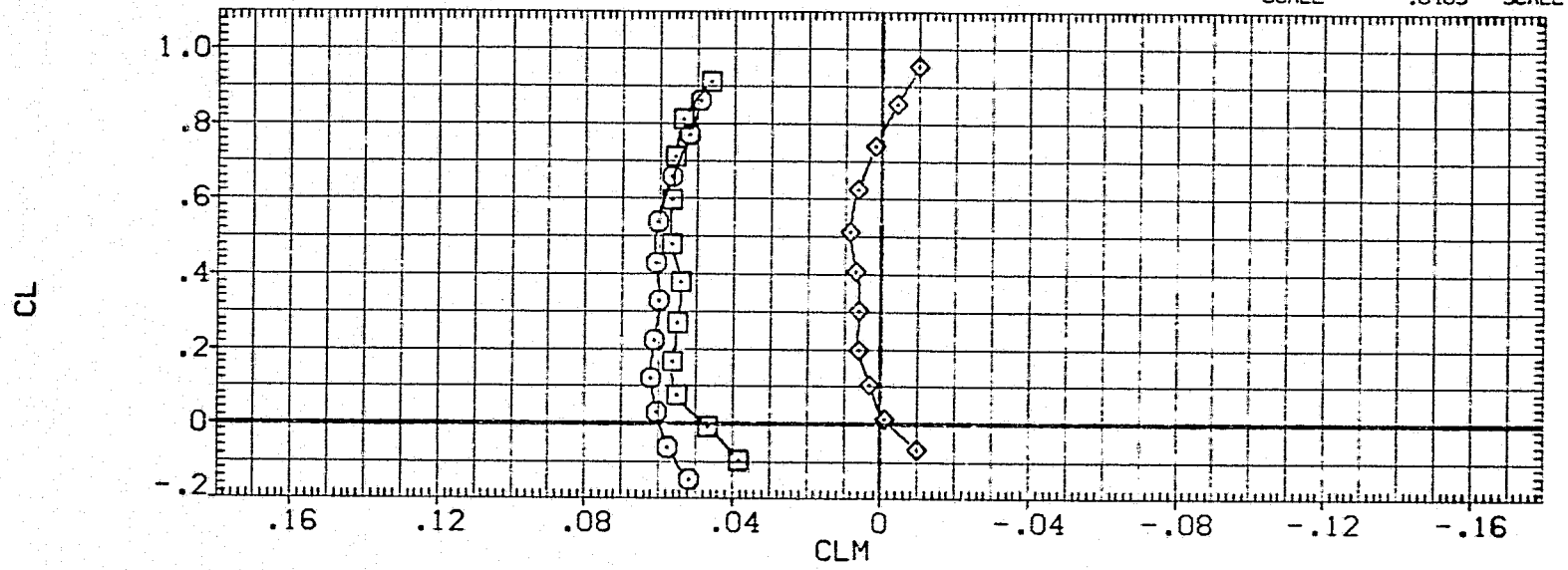


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(CFB001)	○	0A124 B50C9FB M16N28W116E43V8R5 X9	.000	.000	25.000	
(CFB053)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(CFB107)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE



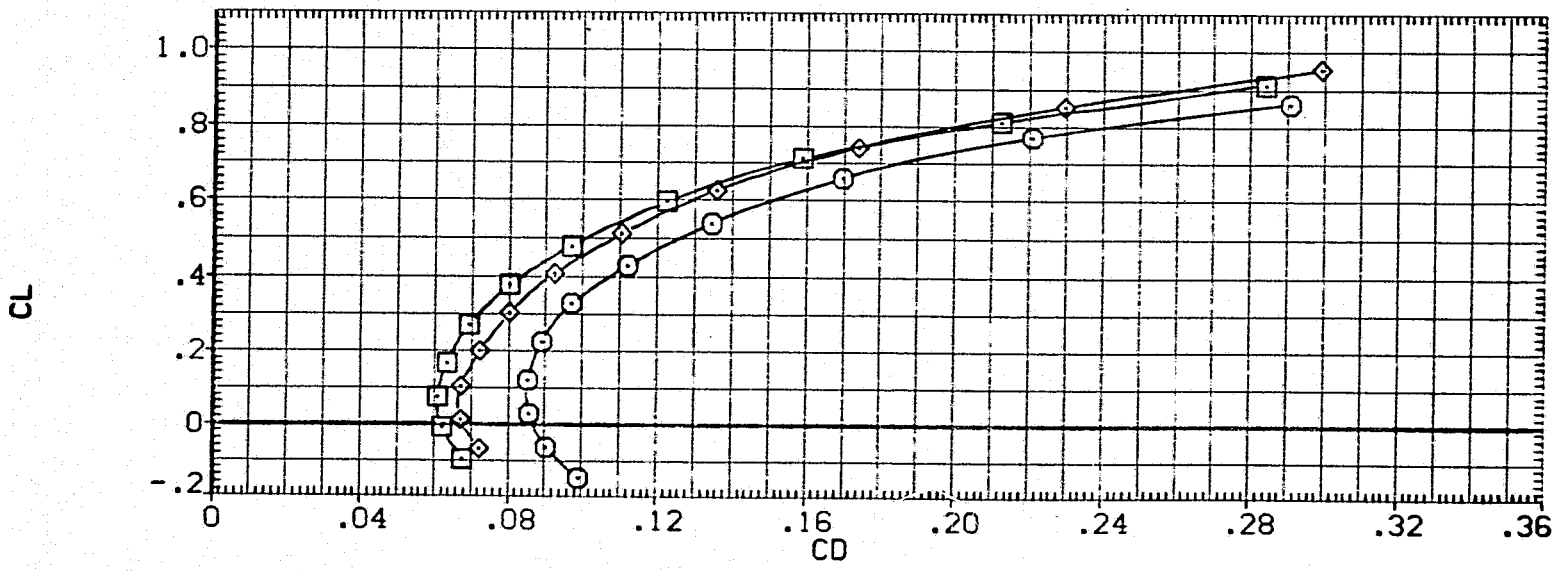


FIG. 16 LONG. CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ALPHA	BDFLAP	SPDBRK	RUDDER
(RFB002)		0A124	B50C9F8	M16N28W116E43V8R5	X9	.000	-11.700	25.000	.000
(RFB003)		0A124	B50C9F8	M16N28W116E43V8R5	X9	4.000	-11.700	25.000	.000
(RFB004)		0A124	B50C9F8	M16N28W116E43V8R5	X9	8.000	-11.700	25.000	.000
(RFB005)		0A124	B50C9F8	M16N28W116E43V8R5	X9	12.000	-11.700	25.000	.000
(RFB006)		0A124	B50C9F8	M16N28W116E43V8R5	X9	16.000	-11.700	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.6100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

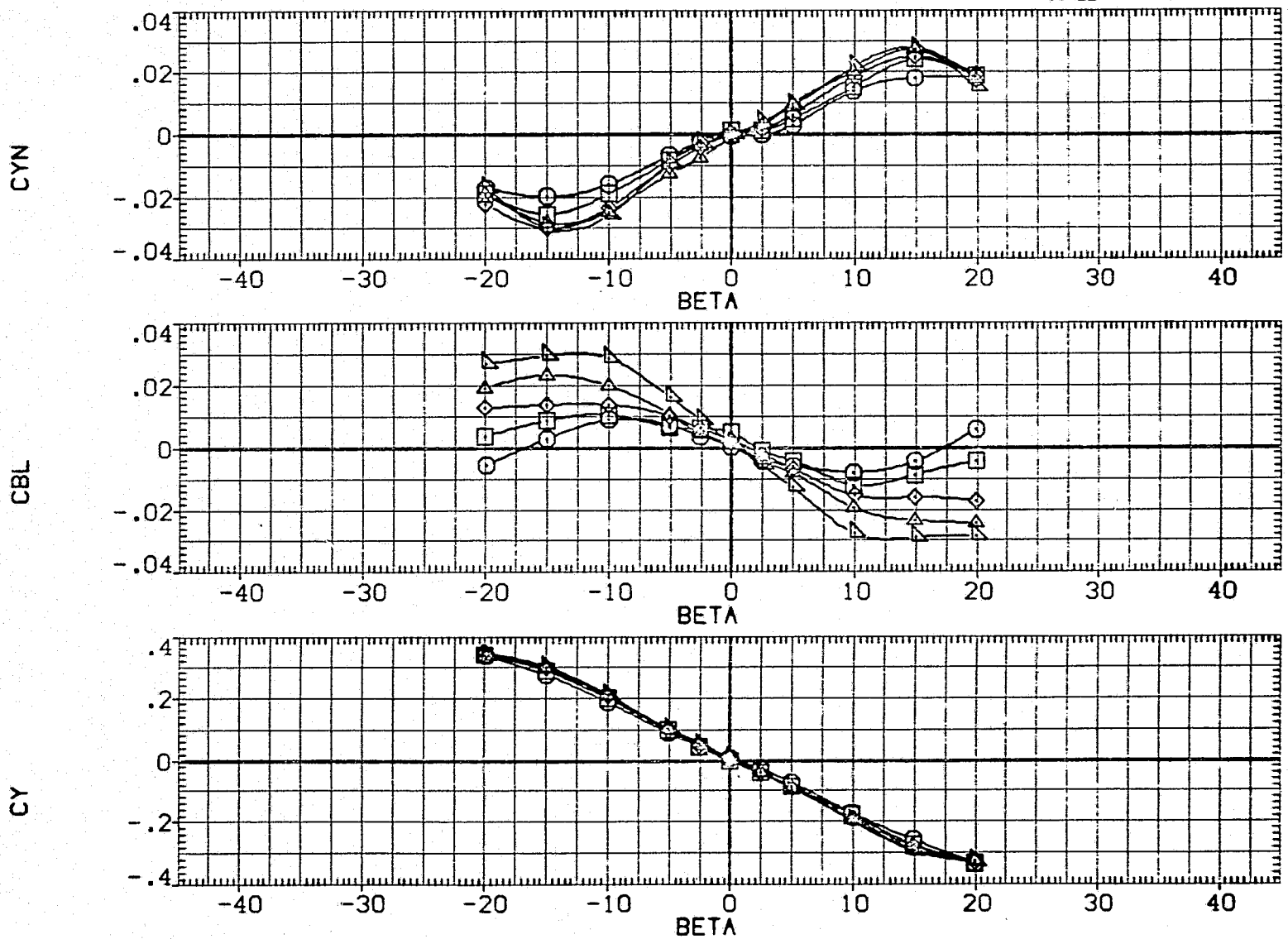


FIG. 17 LATERAL CHAR. OF BASIC ORBITER

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB004)		0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB016)		0A124 B26C9 M16 W116E43V8R5TC4X9	.000	.000	25.000	
(RFB018)		0A124 B26C9 M16 W116E43V8R5TC8X9	.000	.000	25.000	
(RFB020)		0A124 B26C9 M16 W116E43V8R5TC9X9	.000	.000	25.000	-16.000
(RFB025)		0A124 B26C9 M16 W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(RFB034)		0A124 B26C9 M16 W116E43V8R5TC11X9TR2	.000	.000	25.000	-7.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

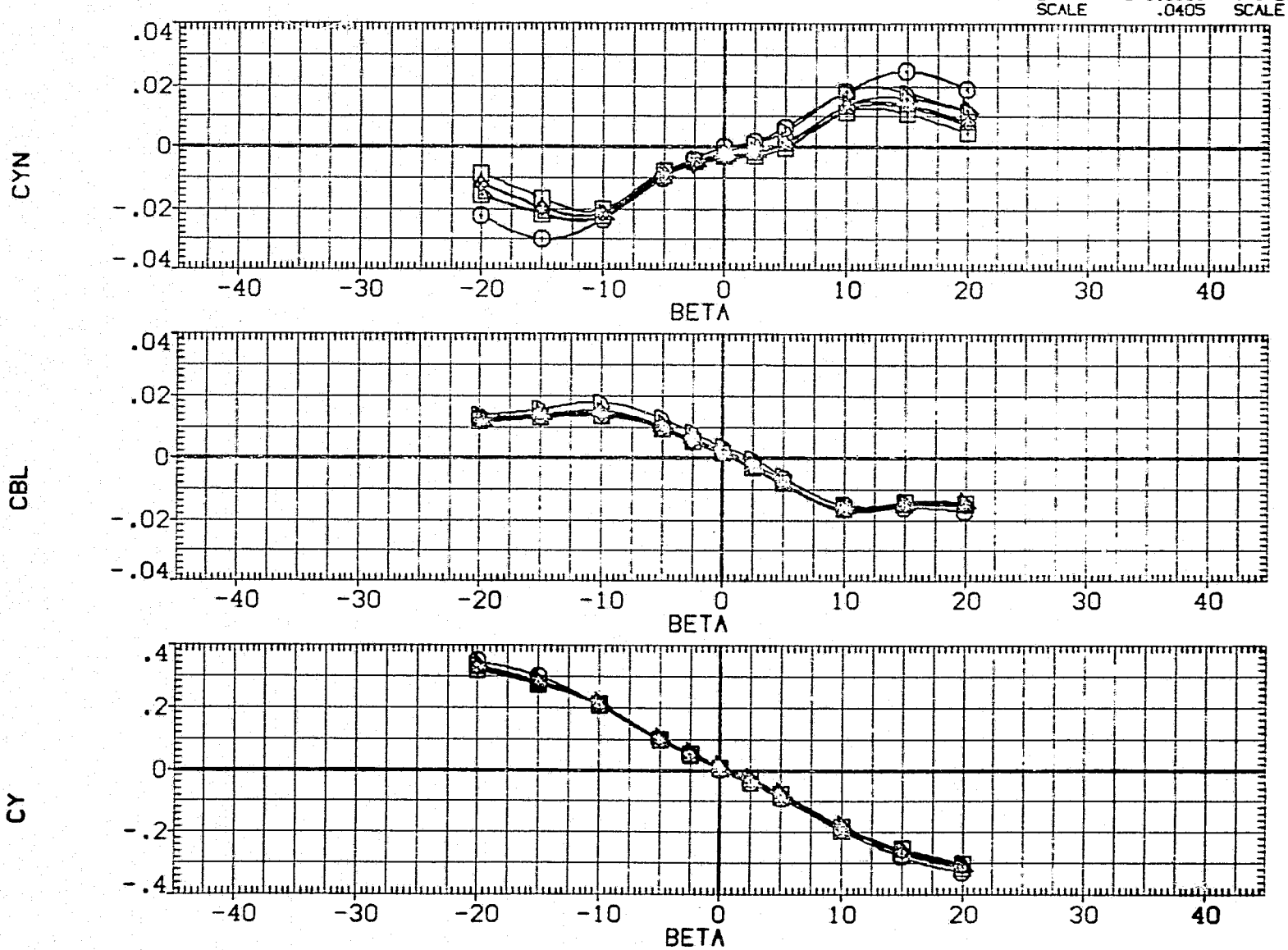


FIG. 18 OPTIMIZATION OF X3B TAILCONE - LATERAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB004)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB016)	□	0A124 B26C9 M16 W116E43V8R5TC4X9	.000	.000	25.000	
(RFB032)	◇	0A124 B26C9 M16 W116E43V8R5TC8X9TR2	.000	.000	25.000	-16.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

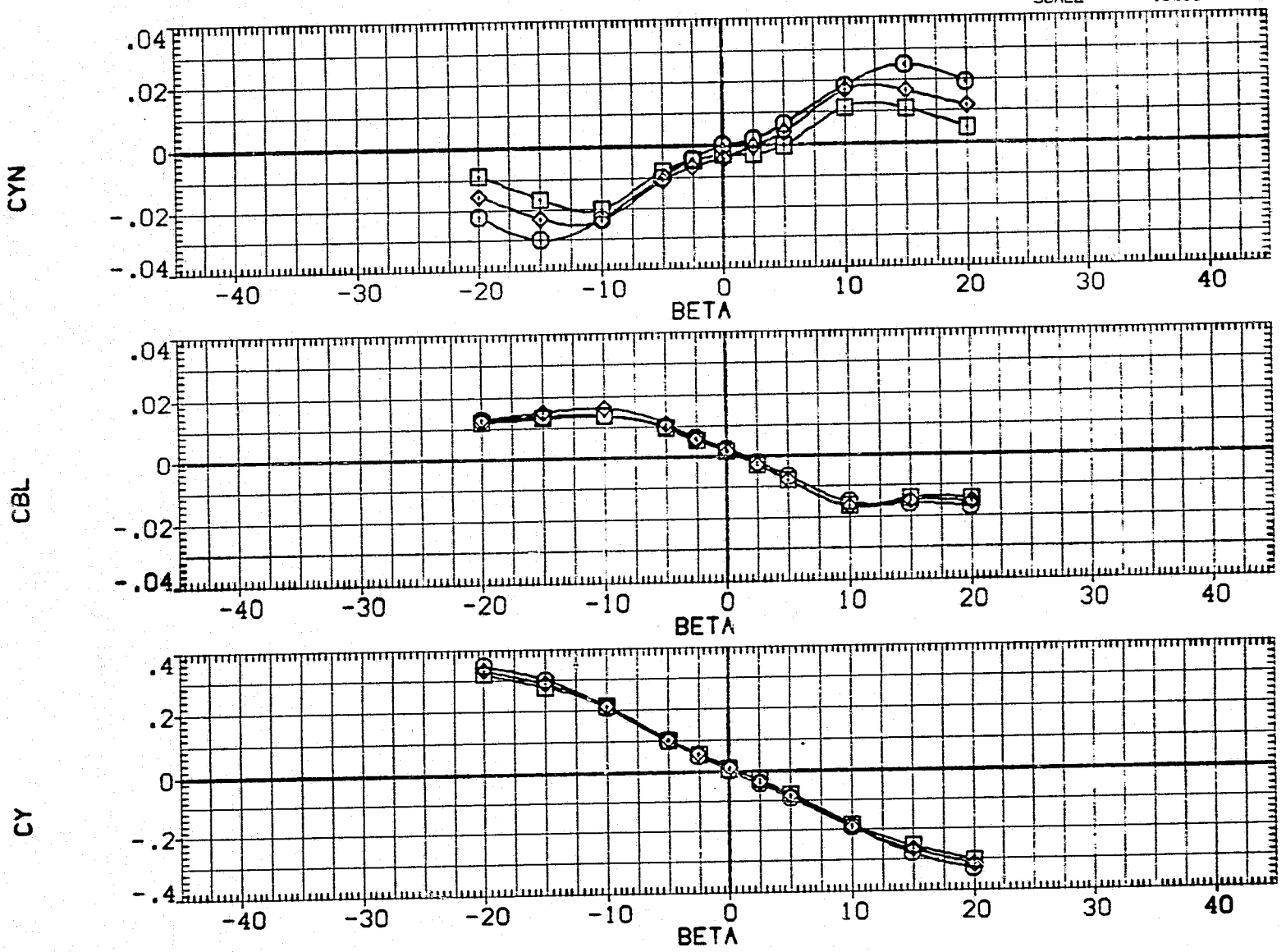


FIG. 19 LATERAL CHAR. OF X3B PROTUBERANCES WITHOUT TAILFINS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB025)	○	0A124	B26C9	M16	W116E43V8R5TC10X9	.000	.000	25.000	-16.000
(RFB028)	□	0A124	B26C9	M16	W116E43V8R5TC10X9TR1	.000	.000	25.000	-16.000
(RFB030)	⊠	0A124	B26C9	M16	W116E43V8R5TC10X9TR2	.000	.000	25.000	-16.000
(RFB036)	△	0A124	B26C9	M16	W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

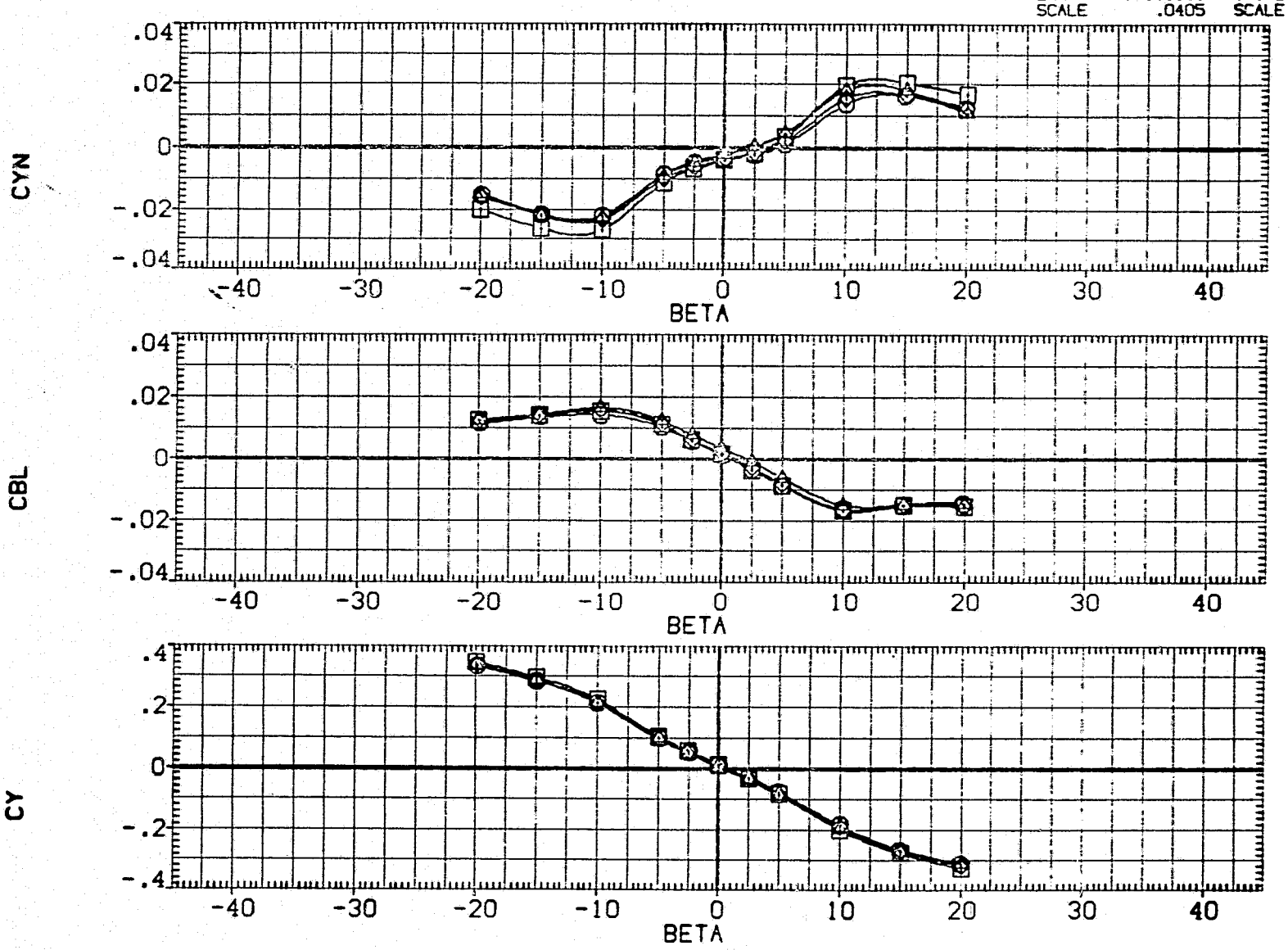


FIG. 20 LATERAL CHAR. OF PROTUBERANCES OF MODIFIED X3B

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB036)	○	0A124	B26C9	M16	W116E43V8R5TC11X9TR2	.000	.000	25.000	-20.000
(RFB048)	□	0A124	B26C9	M16	W116E43V8R5TC12X9CH1	.000	.000	25.000	-20.000
(RFB051)	◇	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB056)	△	0A124	B26C9	M16	W116E43V8R5TC11X9CH2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

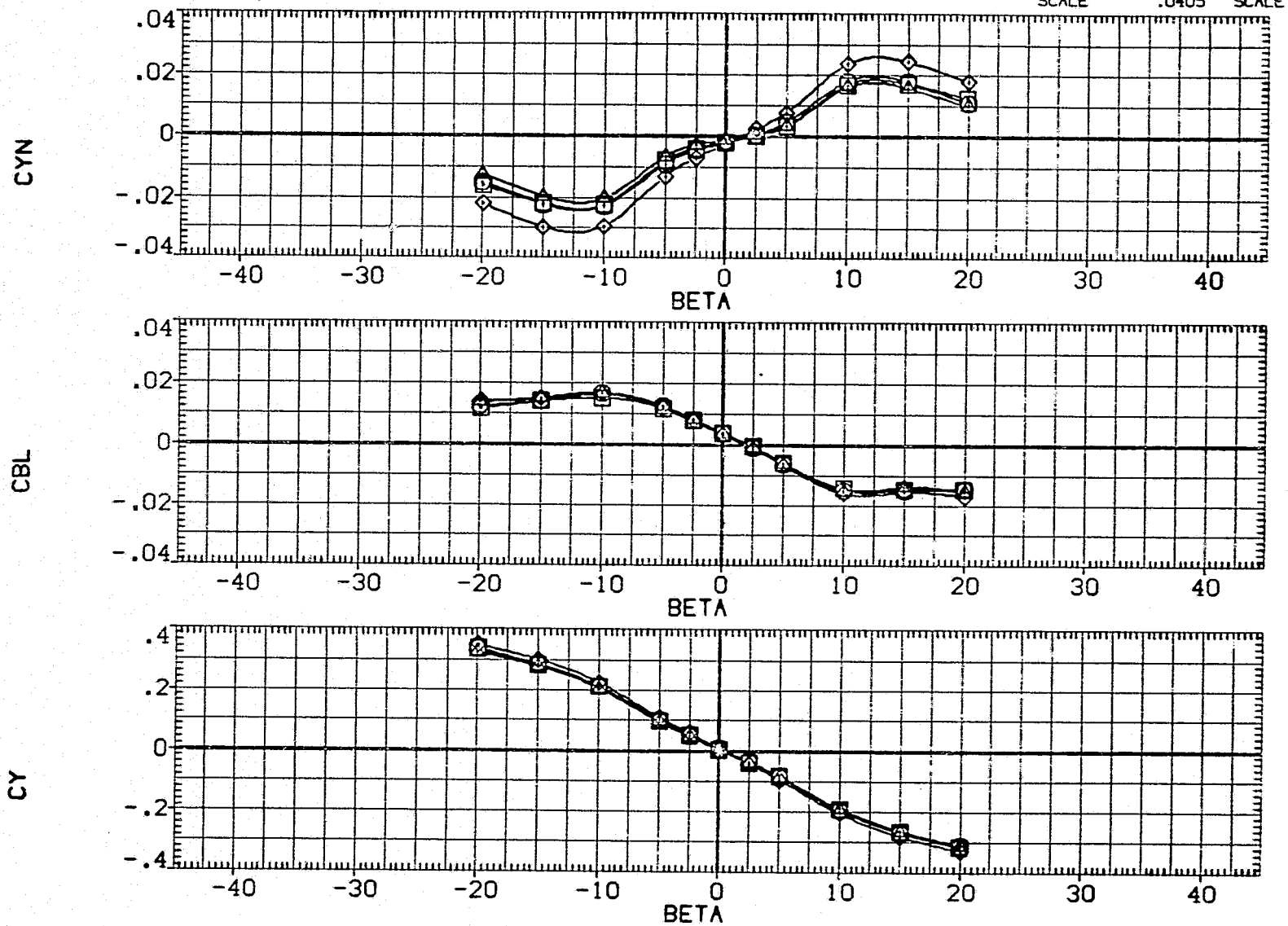


FIG. 21 LATERAL CHAR. OF PROTUBERANCES OF MODIFIED X3B - TC11

(A)MACH = .26

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OF POOR QUALITY

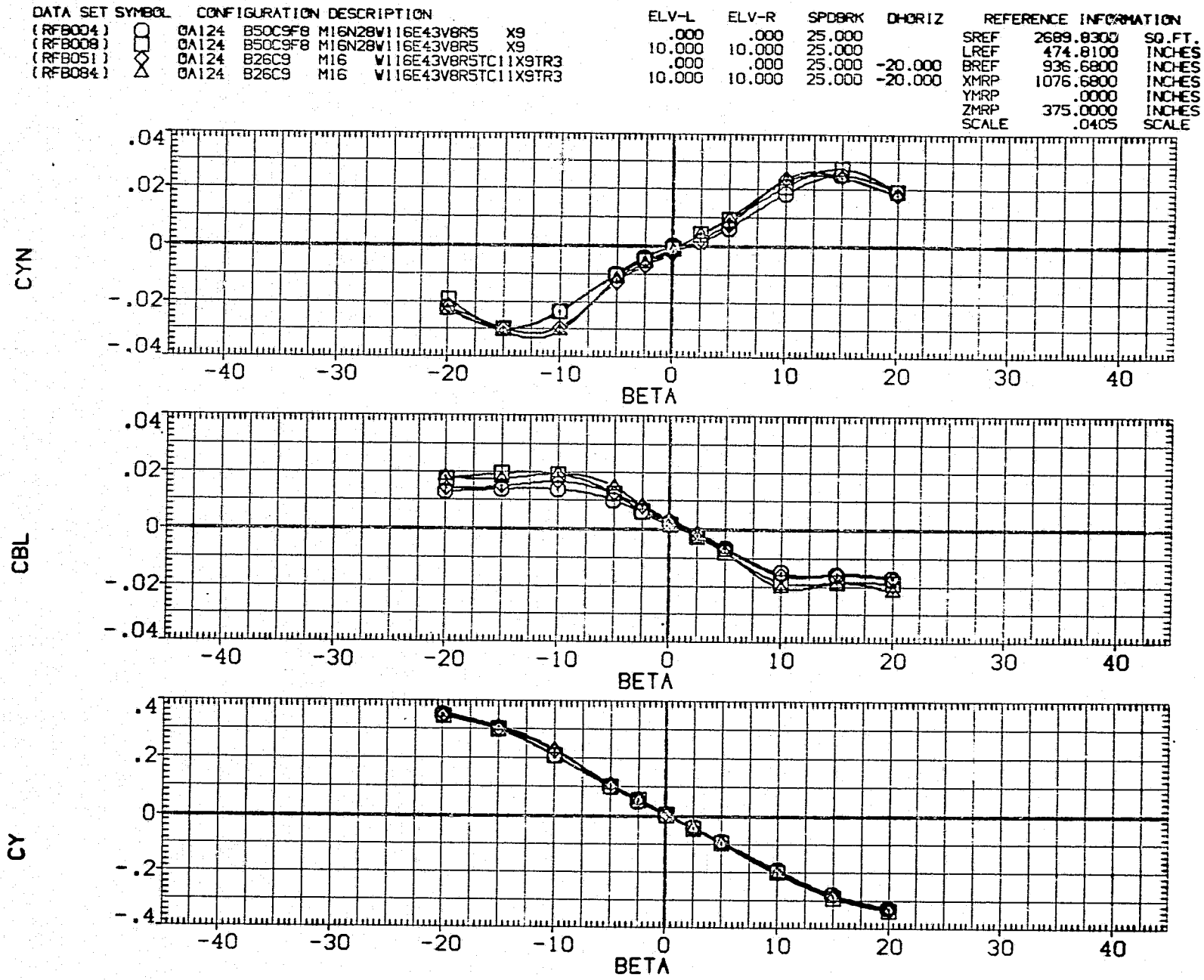


FIG. 22 ELEVON EFFECT ON LATERAL CHAR. - X3B TAILCONE ON/OFF, ALPHA= 8 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ALPHA	SPDBRK	DHORIZ	RUDDER
(RFB082)	○	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	25.000	-20.000	.000
(RFB083)	□	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	4.000	25.000	-20.000	.000
(RFB084)	◇	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	8.000	25.000	-20.000	.000
(RFB085)	△	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	12.000	25.000	-20.000	.000
(RFB086)	▷	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	16.000	25.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

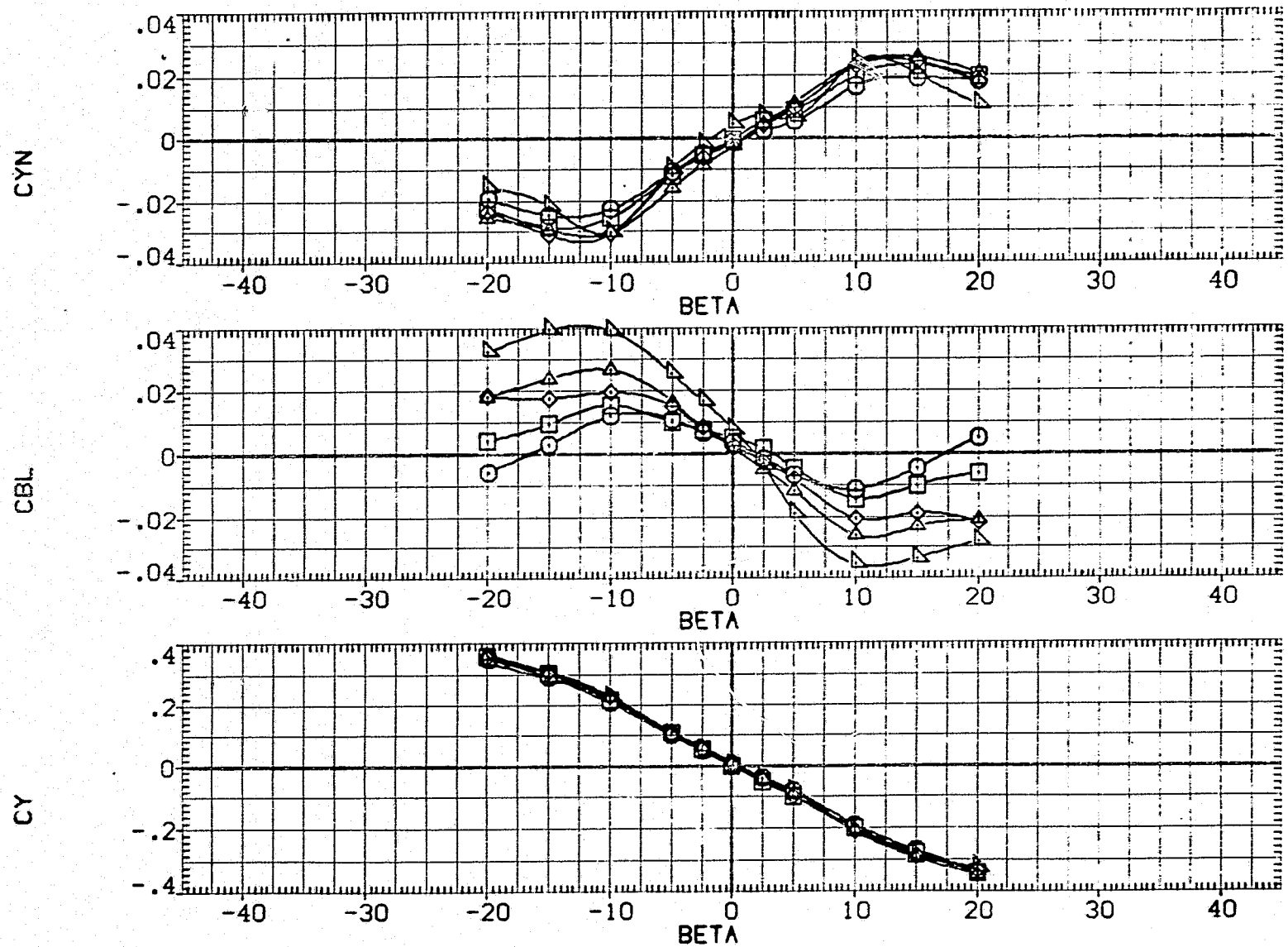


FIG. 23 LATERAL CHAR. WITH X3B TAILCONE, ELEVON= 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			
[RFB039]	○	0A124	B26C9	M16	W116E43V8R5TC11X9TR2
[RFB040]	□	0A124	B26C9	M16	W116E43V8R5TC11X9TR2
[RFB041]	◇	0A124	B26C9	M16	W116E43V8R5TC11X9TR2
[RFB042]	△	0A124	B26C9	M16	W116E43V8R5TC11X9TR2
[RFB043]	◁	0A124	B26C9	M16	W116E43V8R5TC11X9TR2

ALPHA	SPOBRK	DHORIZ	RUDDER
.000	25.000	-20.000	.000
4.000	25.000	-20.000	.000
8.000	25.000	-20.000	.000
12.000	25.000	-20.000	.000
16.000	25.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

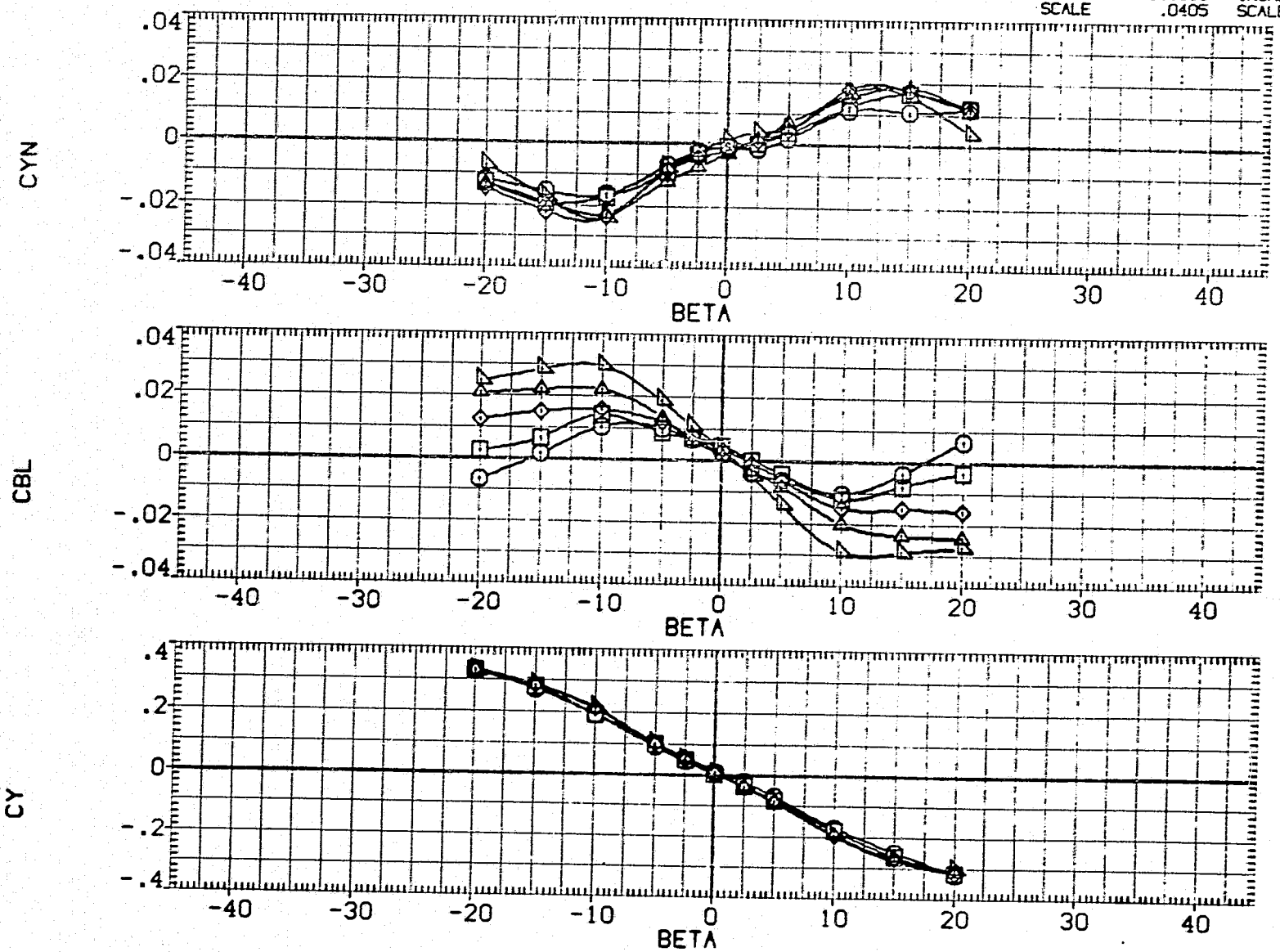


FIG. 24 LATERAL CHAR. OF UPSWEPT X3B WITH 1/4 INCH SPOILER

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			
(RFB049)	○	0A124	B26C9	M16	W116E43V8R5TC11X9TR3
(RFB050)	□	0A124	B26C9	M16	W116E43V8R5TC11X9TR3
(RFB051)	⊠	0A124	B26C9	M16	W116E43V8R5TC11X9TR3
(RFB052)	△	0A124	B26C9	M16	W116E43V8R5TC11X9TR3

ALPHA	SPDBRK	DHORIZ	RUDDER
.000	25.000	-20.000	.000
4.000	25.000	-20.000	.000
8.000	25.000	-20.000	.000
12.000	25.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

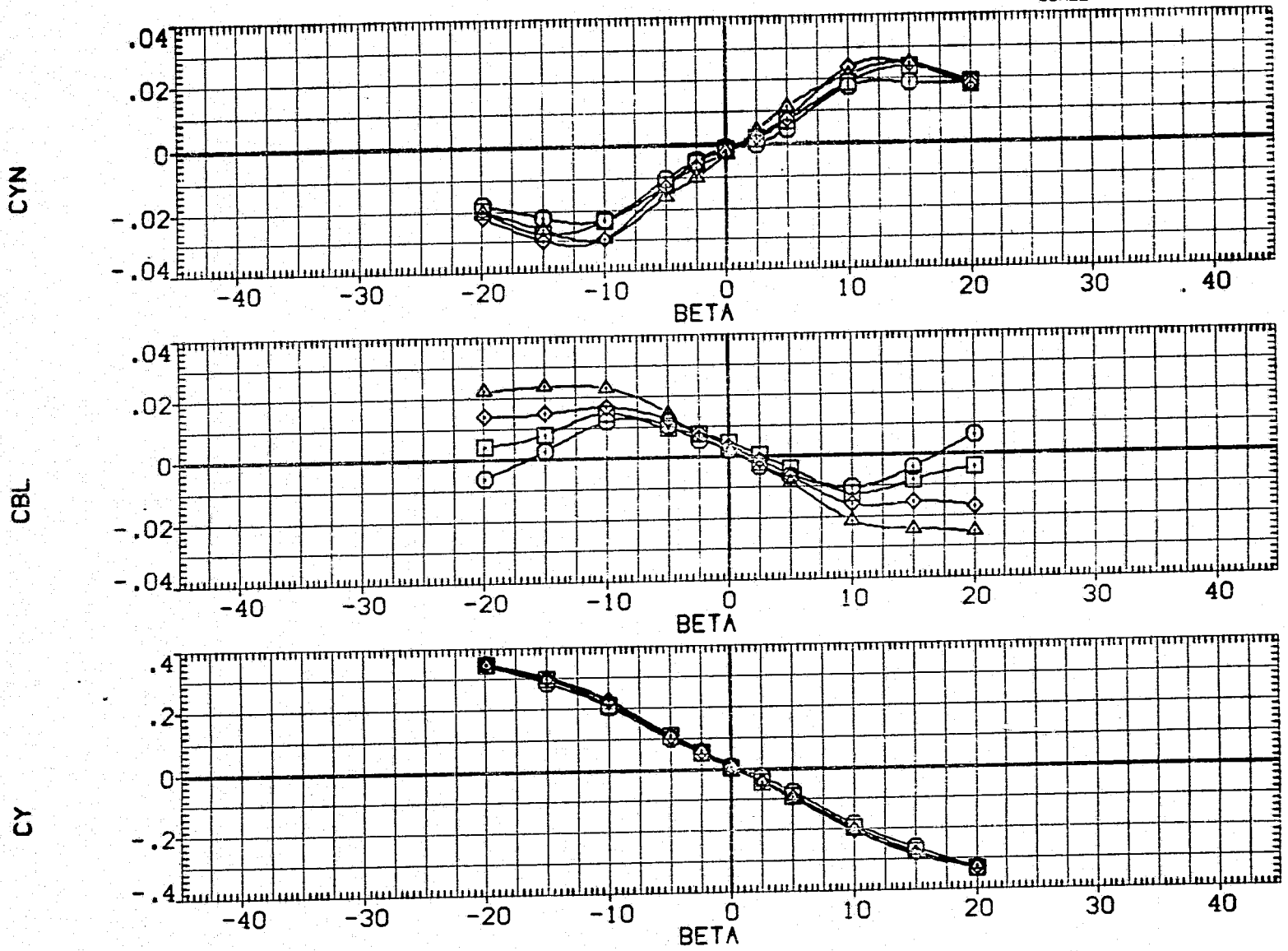


FIG. 25 LATERAL CHAR. OF FINAL X3B WITH 1/2 INCH SPOILER

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB002)	○	0A124	B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB049)	□	0A124	B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB070)	◇	0A124	B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	.000	-20.000
(RFB076)	△	0A124	B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	85.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

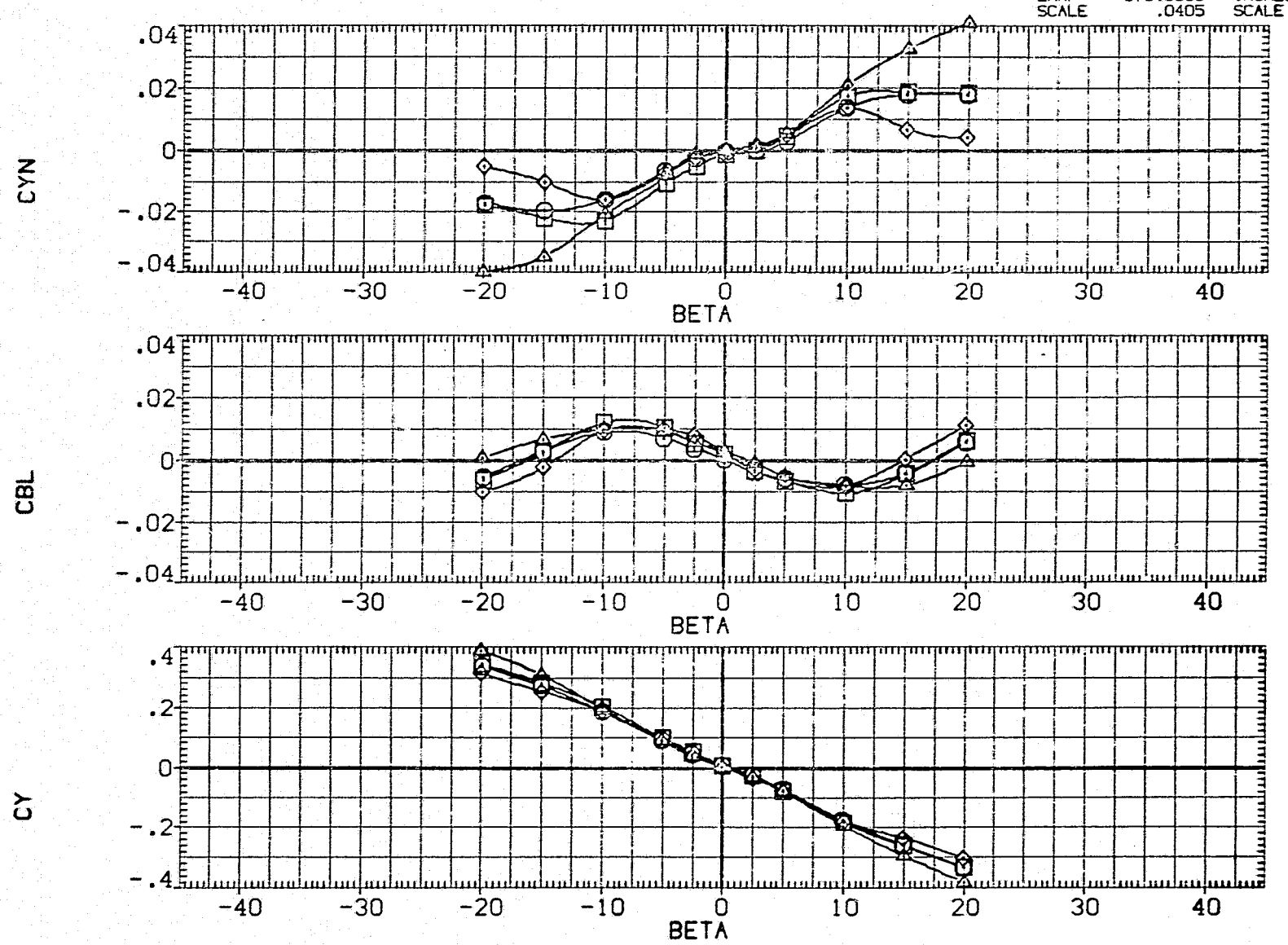


FIG. 26 LATERAL EFFECT OF SPDBRK DEFL. ON MODIFIED X3B ON/OFF, ALPHA= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB003)	○	0A124 B50C9F6 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB050)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB071)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

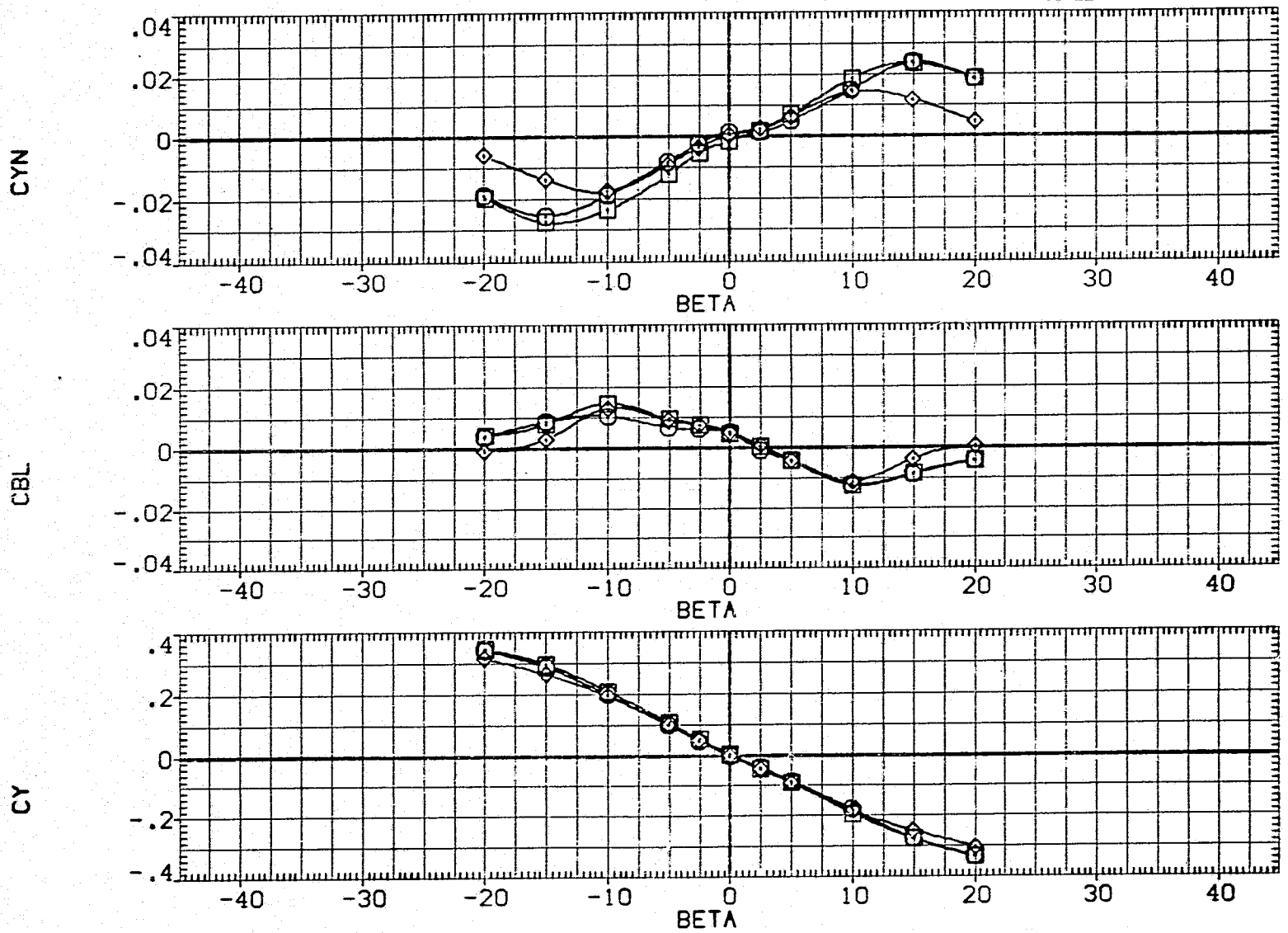


FIG. 27 LATERAL EFFECT OF SPDBRK DEFL. ON MODIFIED X3B ON/OFF, ALPHA= 4 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB004)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB010)	□	0A124 B50C9F8M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB051)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB072)	△	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	.000	-20.000
(RFB077)	▷	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	85.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

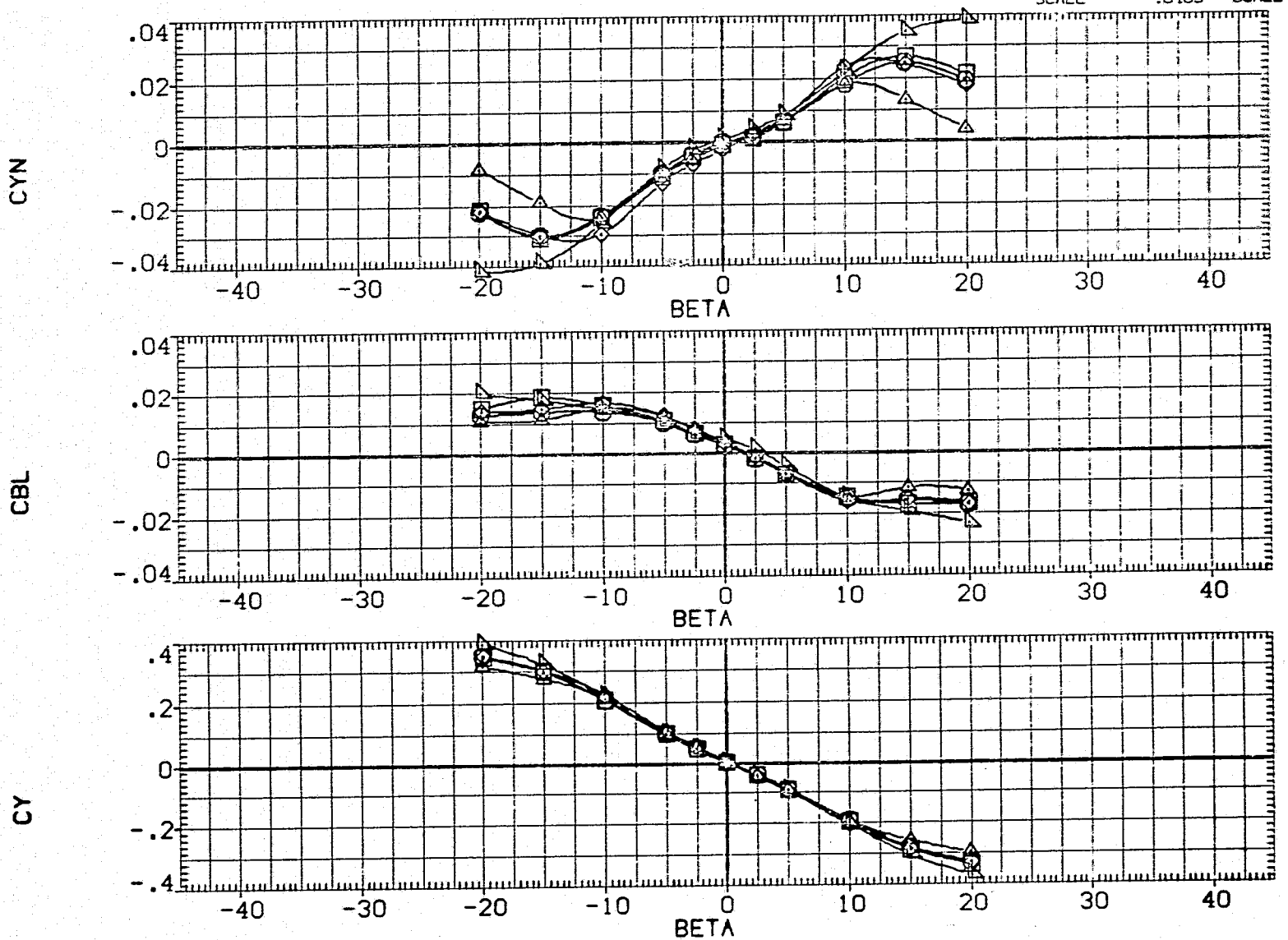


FIG. 28 LATERAL EFFECT OF SPDBRK DEFL. ON MODIFIED X3B ON/OFF, ALPHA= 8 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB005)	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB052)	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB073)	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

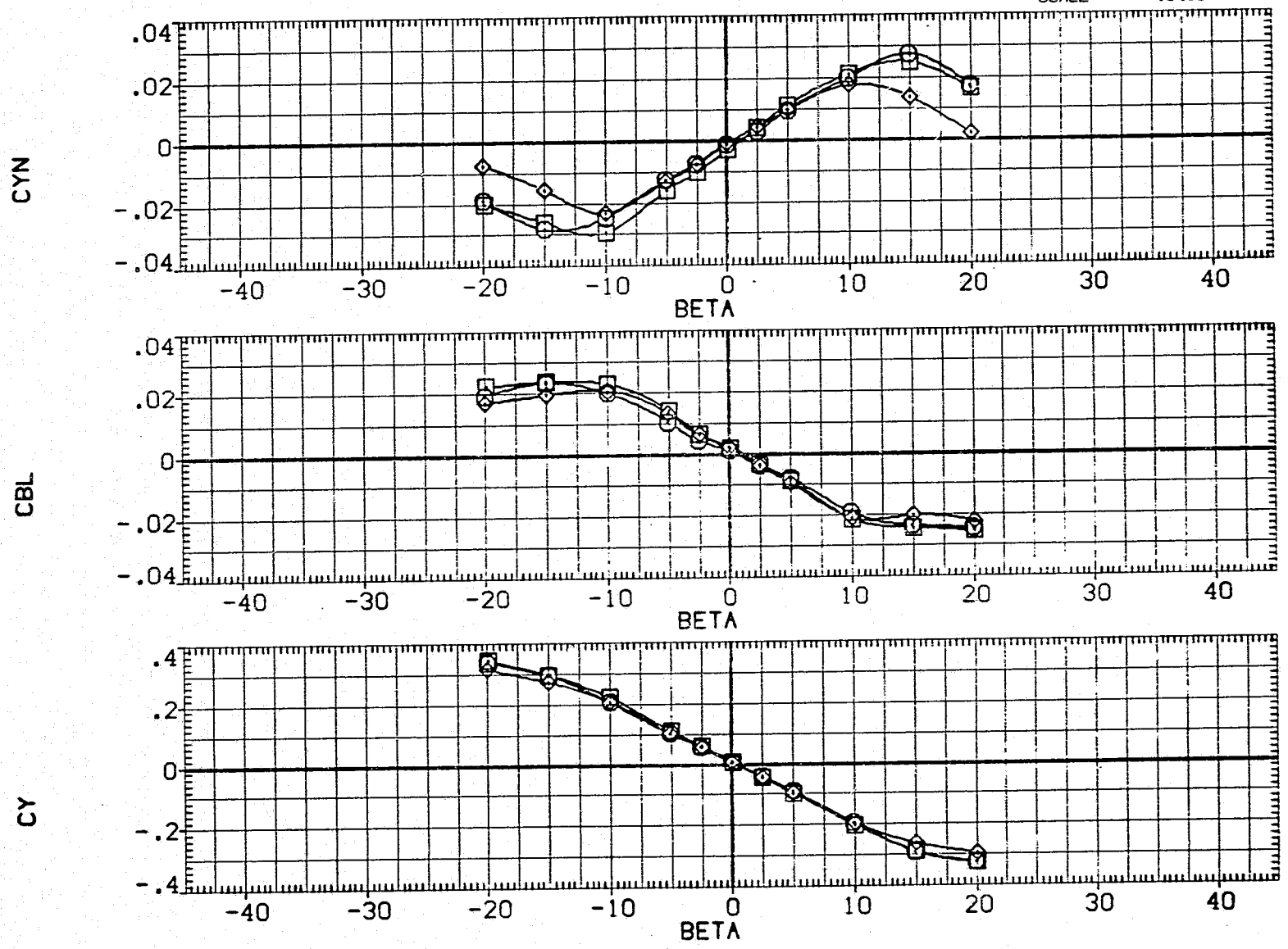


FIG. 29 LATERAL EFFECT OF SPDBRK DEFL. ON MODIFIED X3B ON/OFF, ALPHA= 12 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB006) ○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB074) □	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

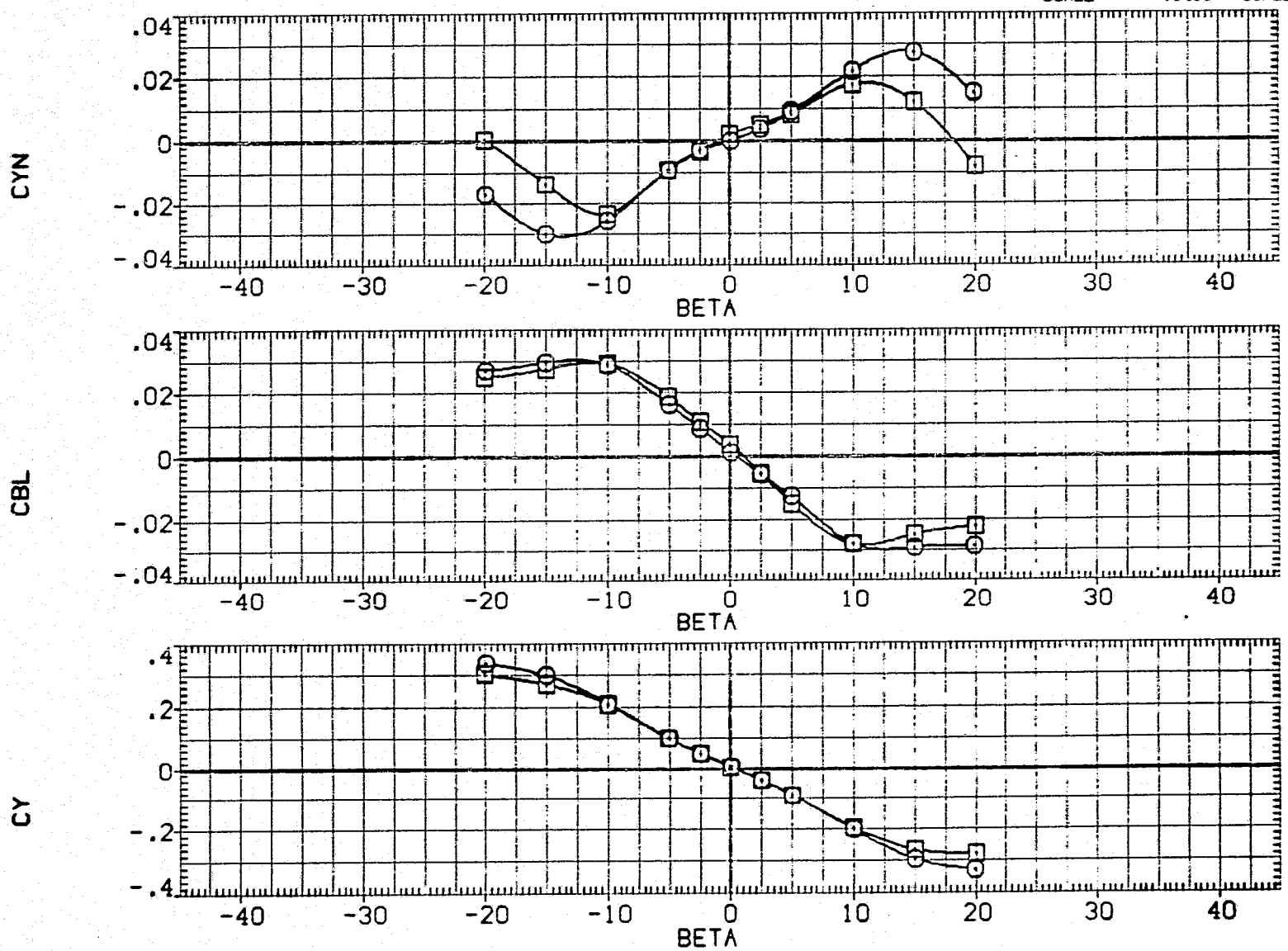


FIG. 30 LATERAL EFFECT OF SPDBRK DEFL. ON MODIFIED X3B ON/OFF, ALPHA= 16 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				ALPHA	SPDBRK	DHORIZ	RUDDER
(RFB070)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	-20.000	.000
(RFB071)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	4.000	.000	-20.000	.000
(RFB072)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	8.000	.000	-20.000	.000
(RFB073)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	12.000	.000	-20.000	.000
(RFB074)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	16.000	.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

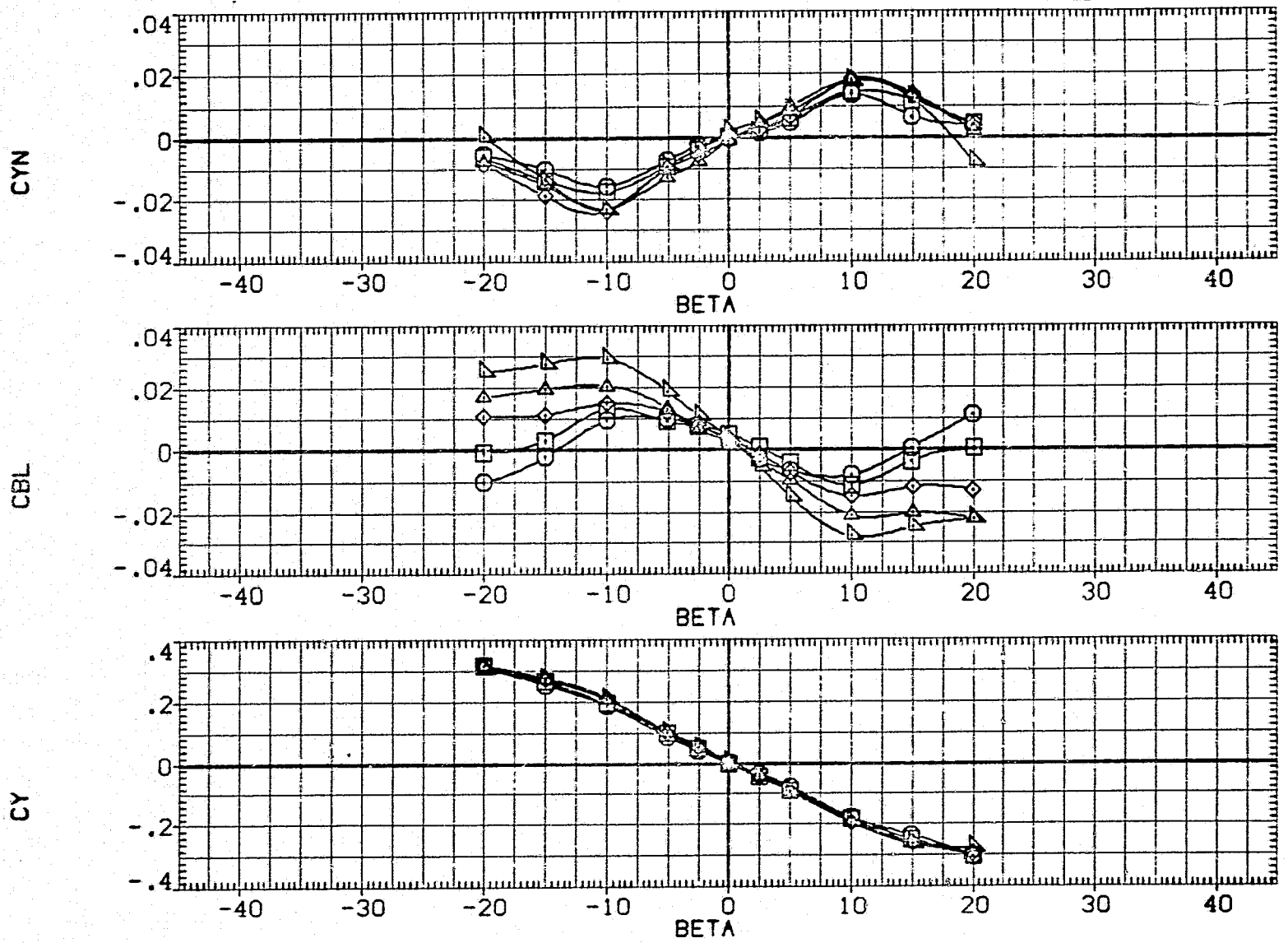


FIG. 31 LATERAL CHAR. OF FINAL X3B WITH SPDBRK= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(RFB002)	○	0A124	B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(RFB049)	□	0A124	B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(RFB079)	◇	0A124	B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(RFB111)	△	0A124	B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2589.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

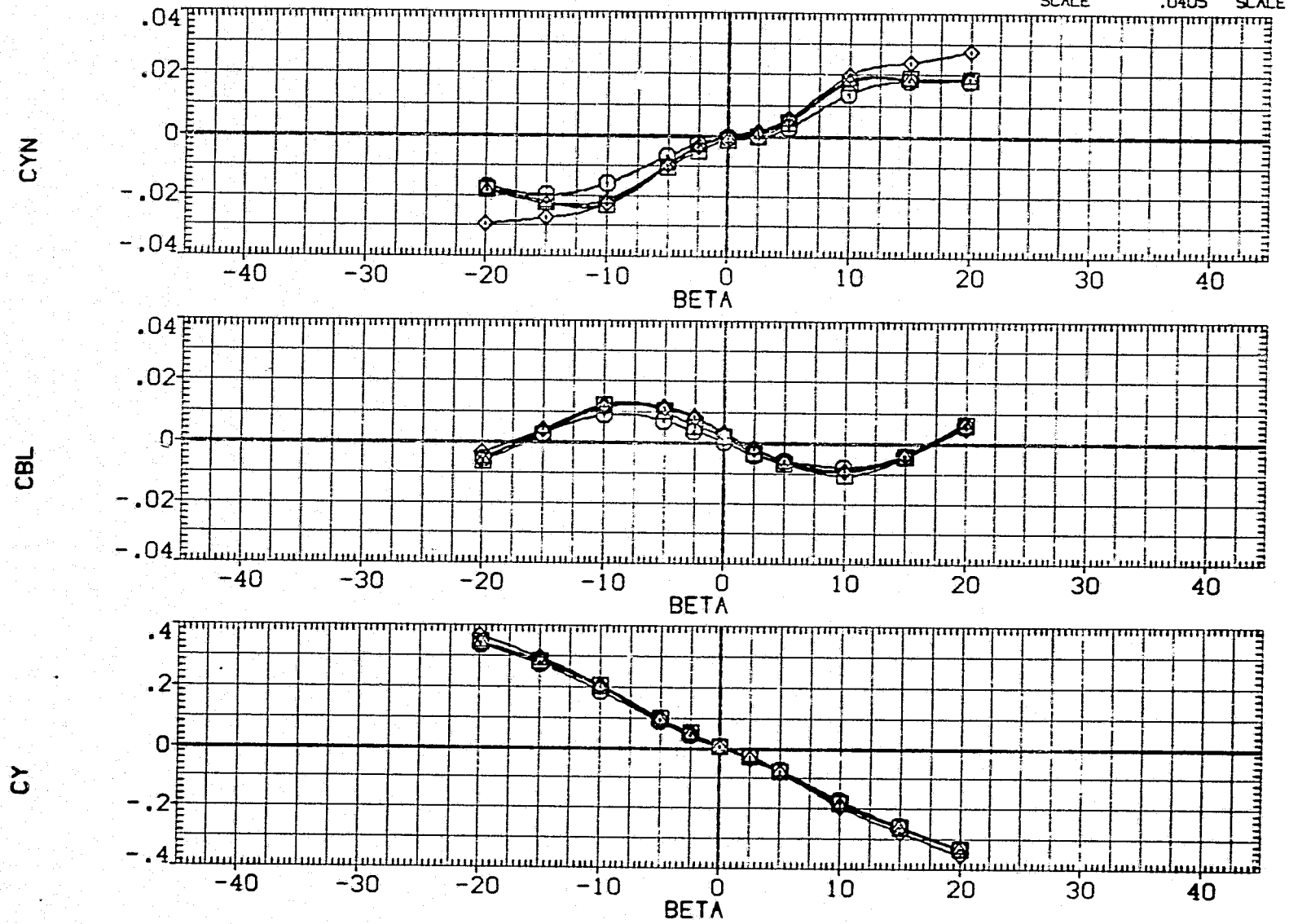


FIG. 32 EFFECT OF BDFLAP DEFL. ON X3B LATERAL CHAR., TAILCONE ON/OFF, ALPHA= 0

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(RFB003)	□	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(RFB050)	◁□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(RFB112)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

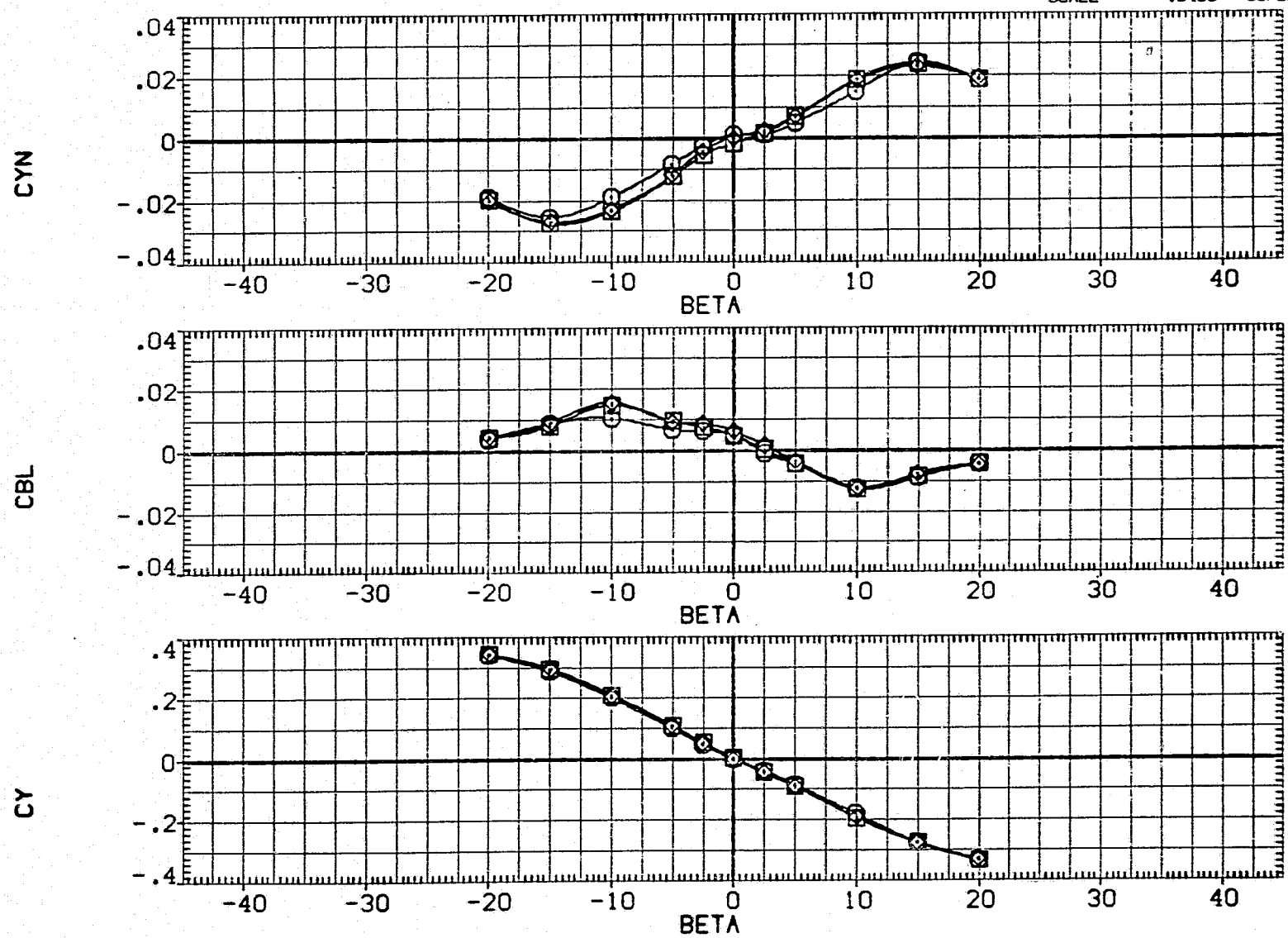


FIG. 33 EFFECT OF BDFLAP DEFL. ON X3B LATERAL CHAR., TAILCONE ON/OFF, ALPHA= 4

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(RFB004)		0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(RFB010)		0A124 B50C9F8M16N28W116E43V8R5 X9	16.300	.000	.000	25.000
(RFB051)		0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(RFB080)		0A124 B26C9F8 M16 W116E43V8R5TC11X9TR3	16.300	.000	.000	25.000
(RFB113)		0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

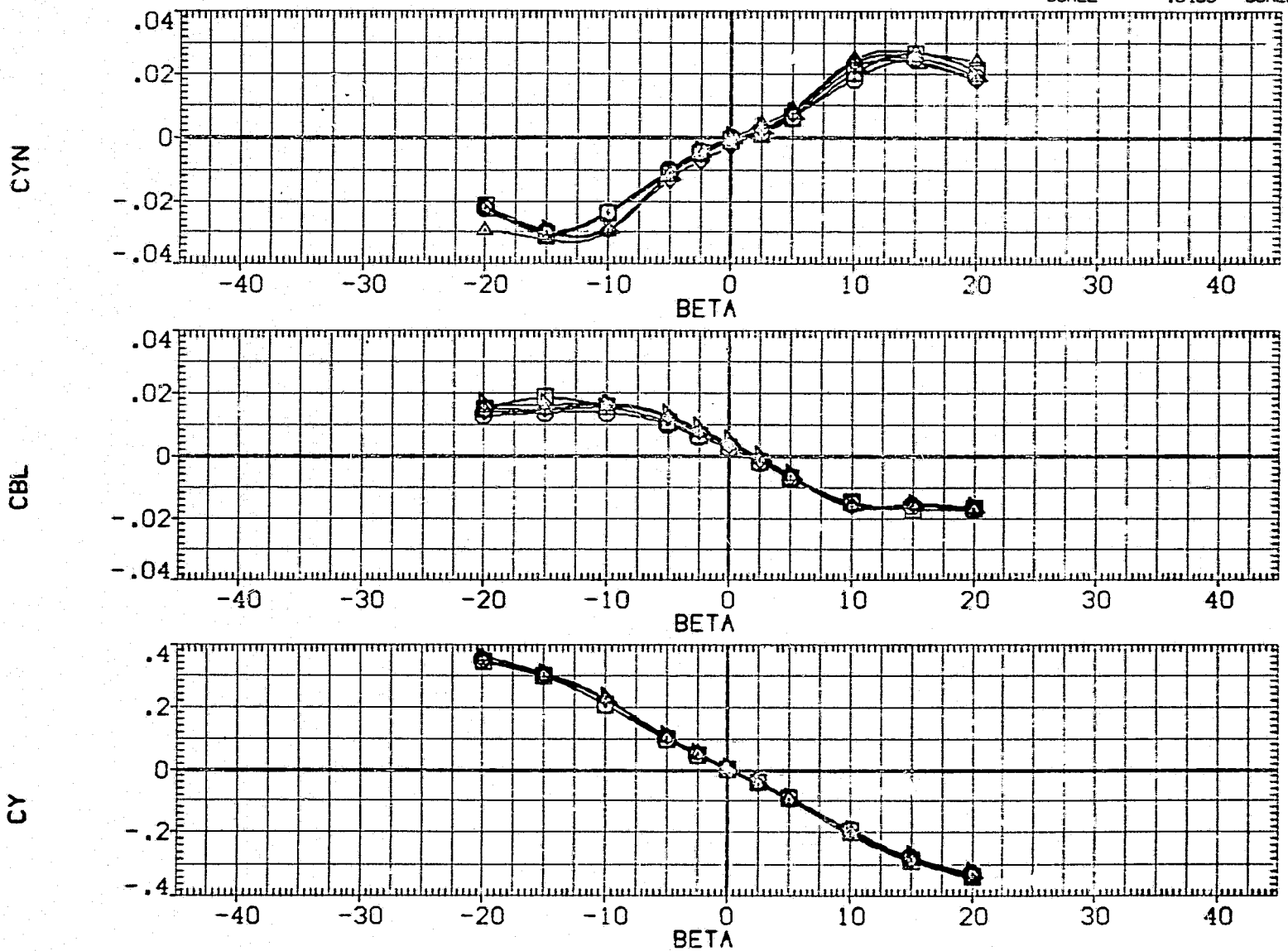


FIG. 34 EFFECT OF BDFLAP DEFL. ON X3B LATERAL CHAR., TAILCONE ON/OFF, ALPHA= 8

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPDBRK
(RFB005)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(RFB052)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3		.000	.000	25.000
(RFB114)	◇	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

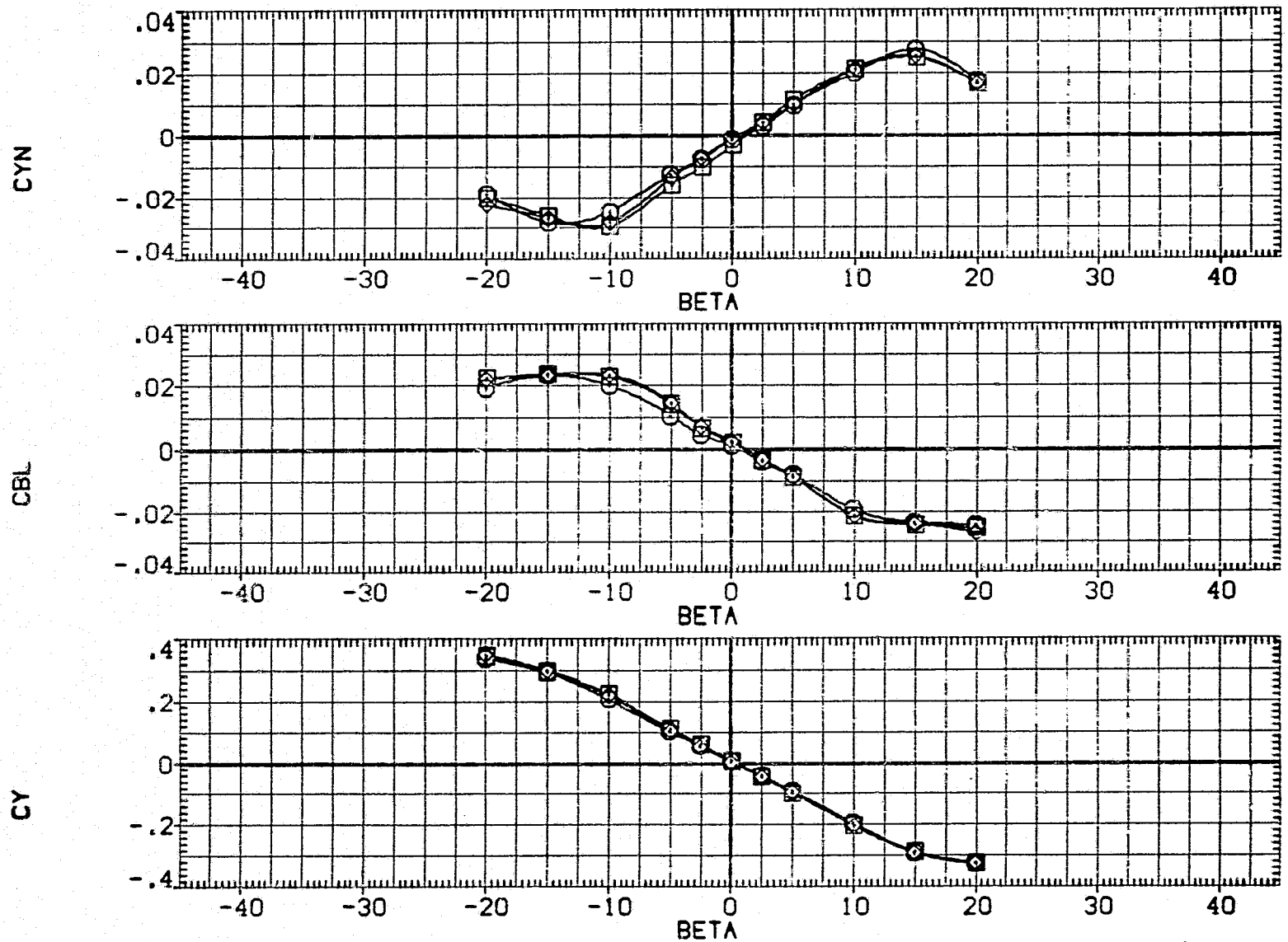


FIG. 35 EFFECT OF BDFLAP DEFL. ON X3B LATERAL CHAR., TAILCONE ON/OFF, ALPHA= 12

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELV-L	ELV-R	SPOBRK
(RFB006)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	-11.700	.000	.000	25.000
(RFB115)	□	0A124 B26C9F8 M16 W116E43V8R5TC11X9TR4	.000	.000	.000	25.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

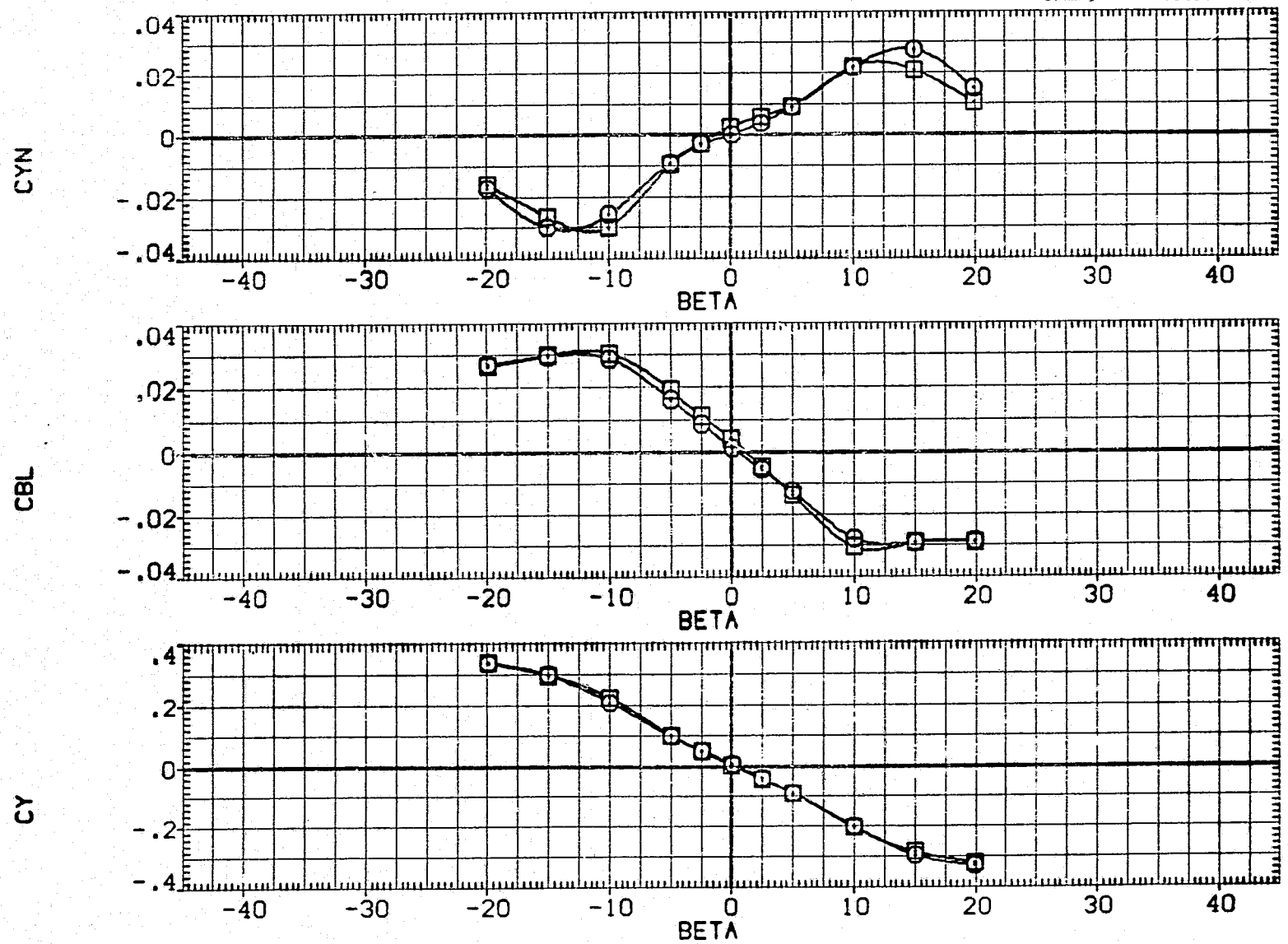


FIG. 36 EFFECT OF BDFLAP DEFL. ON X3B LATERAL CHAR., TAILCONE ON/OFF, ALPHA= 16

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION			ALPHA	BDFLAP	SPDBRK	RUDDER
(RFB111)	0A124	B26C9F8 M16	W116E43V8R5TC11X9TR4	.000	.000	25.000	.000
(RFB112)	0A124	B26C9F8 M16	W116E43V8R5TC11X9TR4	4.000	.000	25.000	.000
(RFB113)	0A124	B26C9F8 M16	W116E43V8R5TC11X9TR4	8.000	.000	25.000	.000
(RFB114)	0A124	B26C9F8 M16	W116E43V8R5TC11X9TR4	12.000	.000	25.000	.000
(RFB115)	0A124	B26C9F8 M16	W116E43V8R5TC11X9TR4	16.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

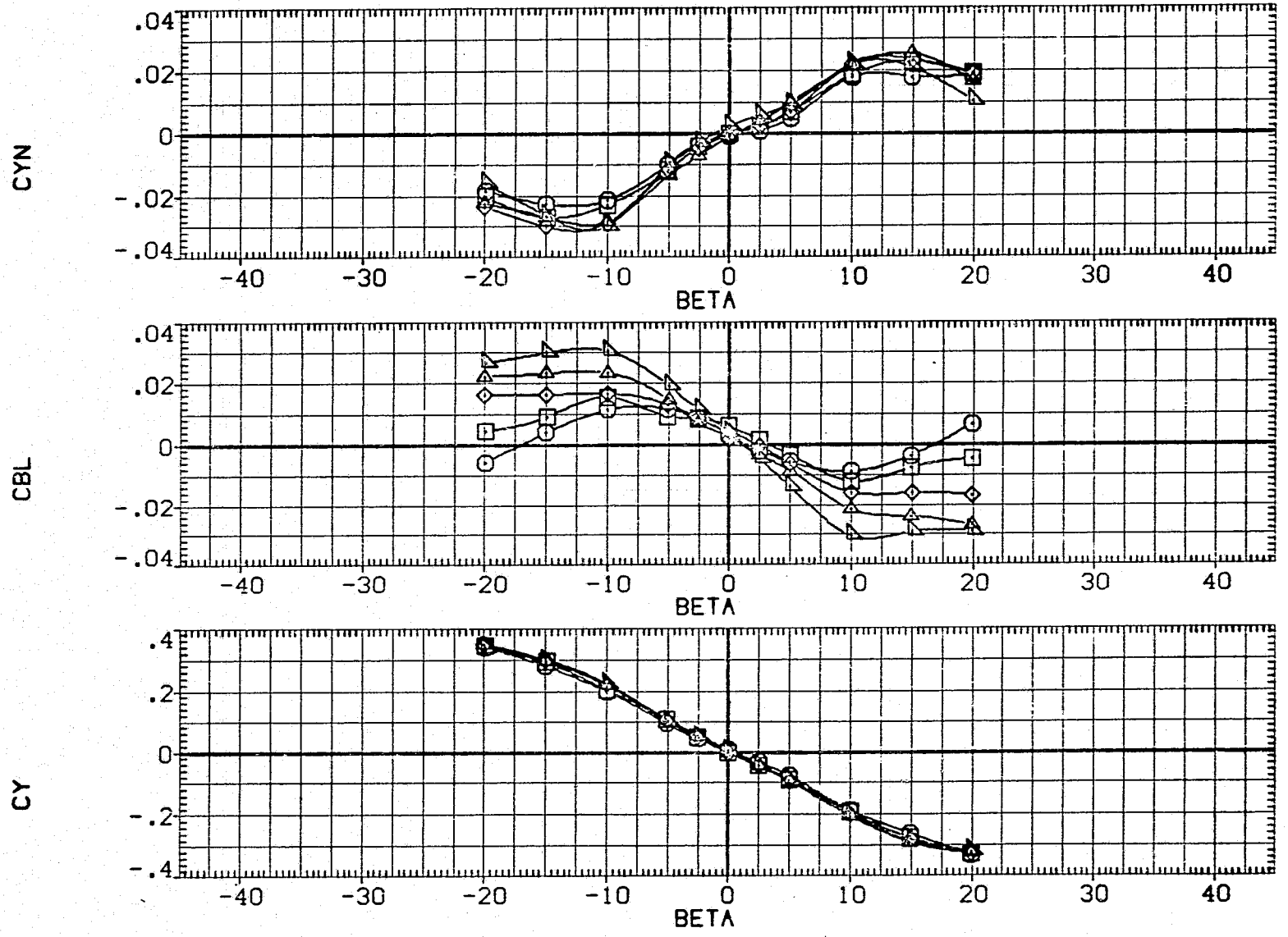


FIG. 37 LATERAL CHAR. OF FINAL X3B WITH BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB002)	○	0A124	B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB049)	□	0A124	B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB058)	◇	0A124	B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(RFB064)	△	0A124	B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

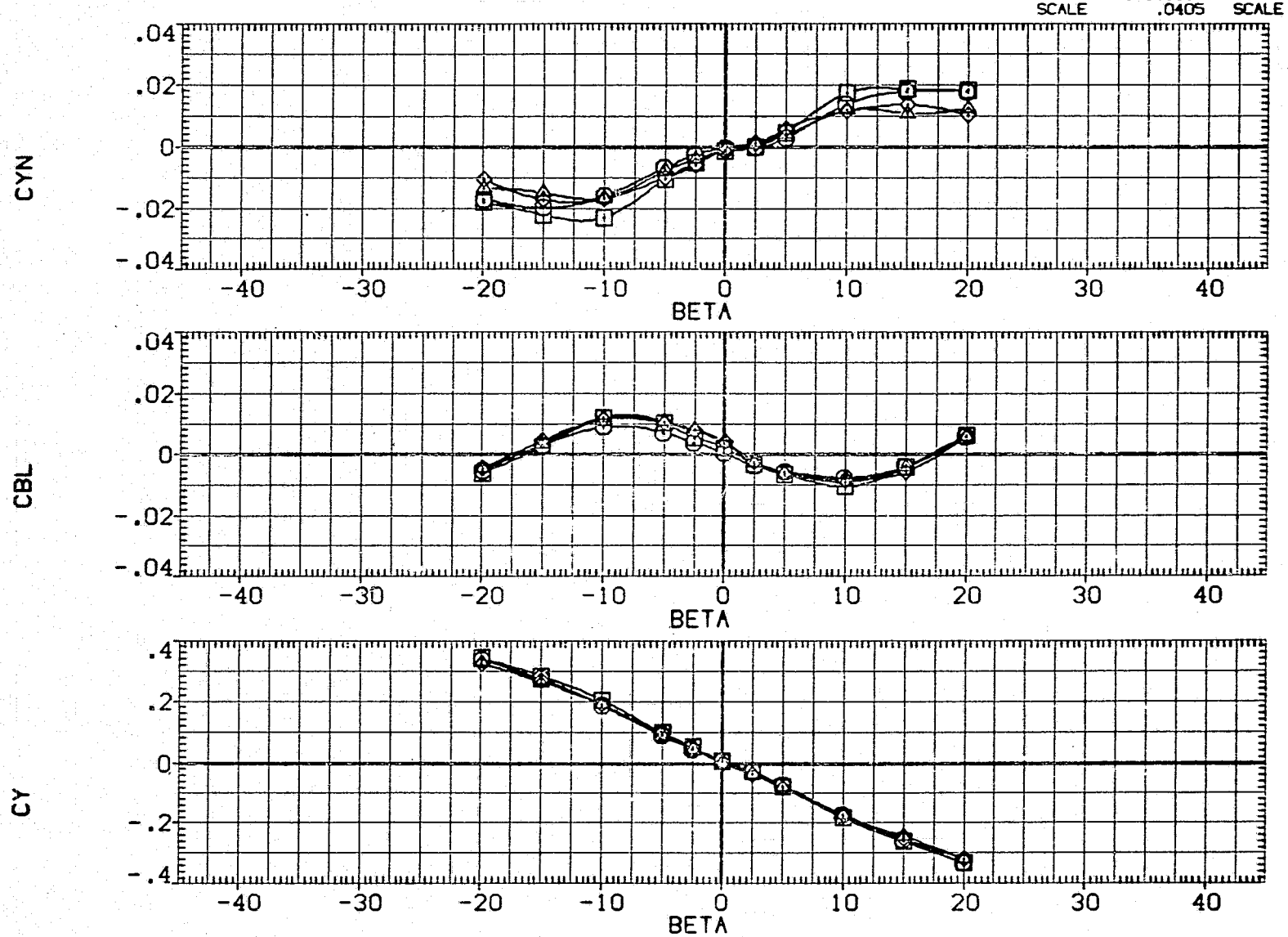


FIG. 38 EFFECT OF ADDING DRAG TO X3B ON LATERAL CHAR. AT ALPHA= 0 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB003) □	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB050) □	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB059) ⊠	0A124 B26C9 M16 W116E43V8R5TC11X9D91	.000	.000	25.000	-20.000
(RFB065) △	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

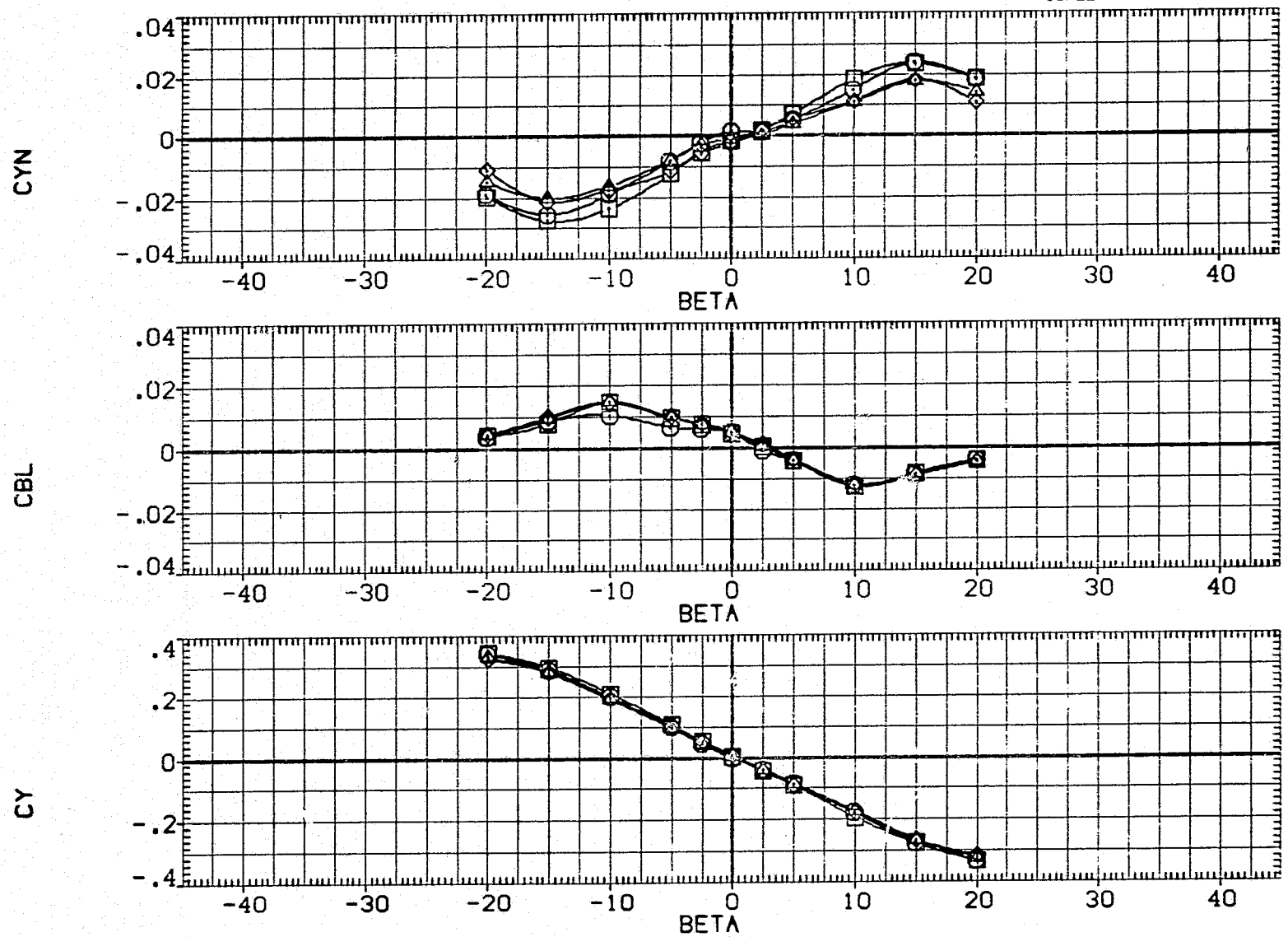
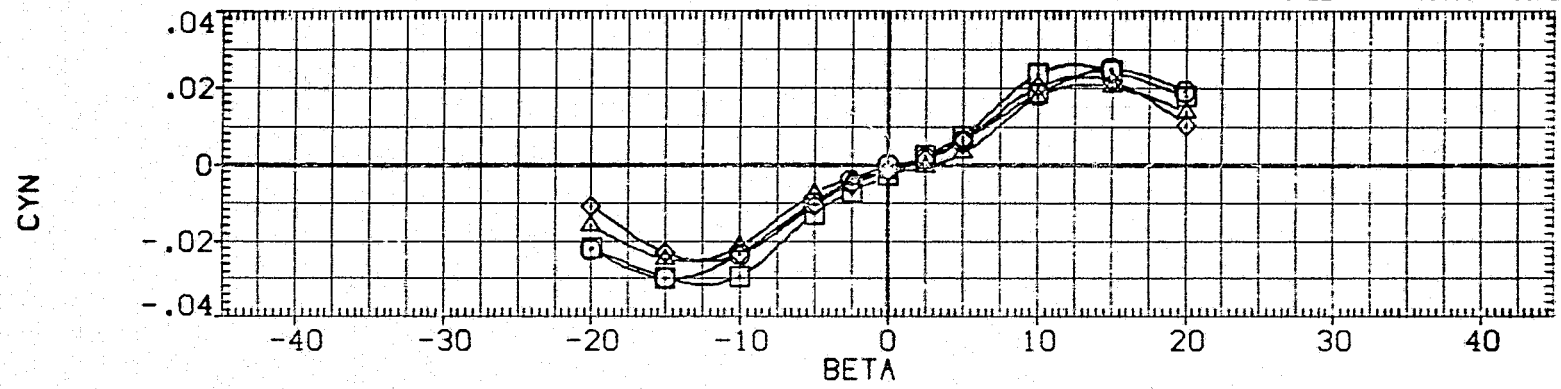


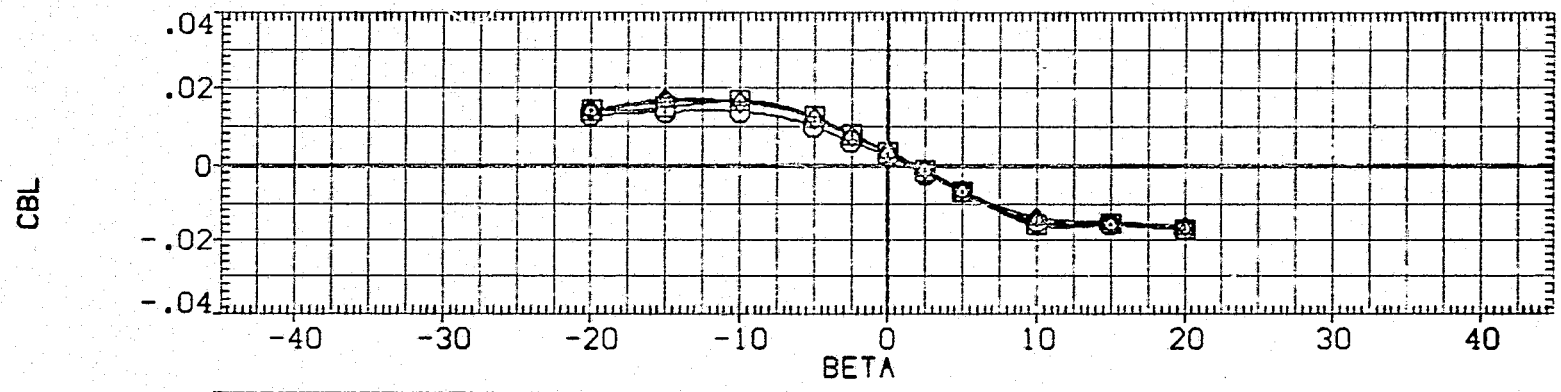
FIG. 39 EFFECT OF ADDING DRAG TO X3B ON LATERAL CHAR. AT ALPHA= 4 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB004)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB051)	□	0A124 B26C9 M16 W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB060)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(RFB066)	△	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE





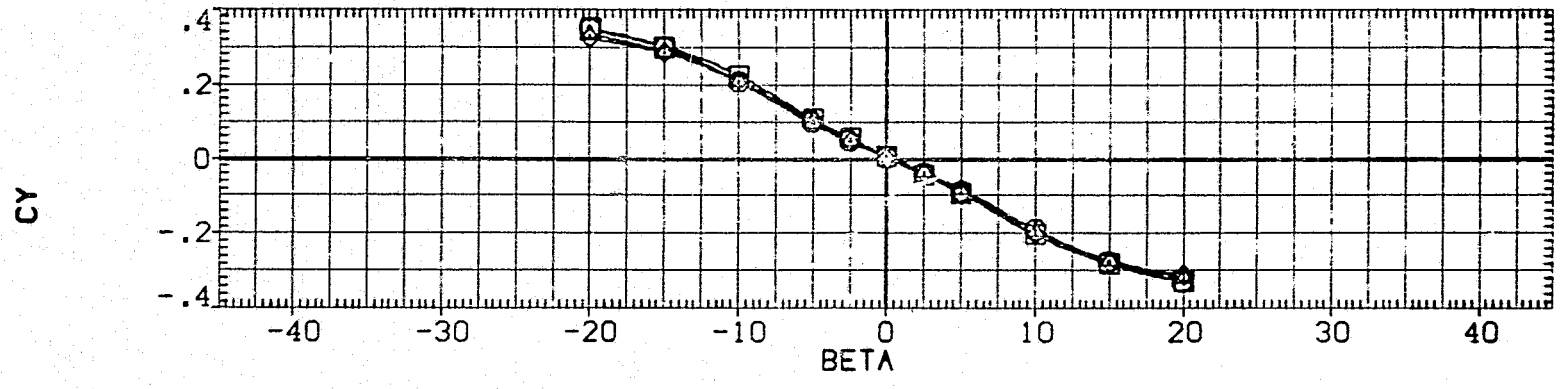


FIG. 40 EFFECT OF ADDING DRAG TO X3B ON LATERAL CHAR. AT ALPHA= 8 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB005)	0A124	B50C9F8	M16N28W116E43V8R5	X9	.000	.000	25.000	
(RFB052)	0A124	B26C9	M16	W116E43V8R5TC11X9TR3	.000	.000	25.000	-20.000
(RFB061)	0A124	B26C9	M16	W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(RFB067)	0A124	B26C9	M16	W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

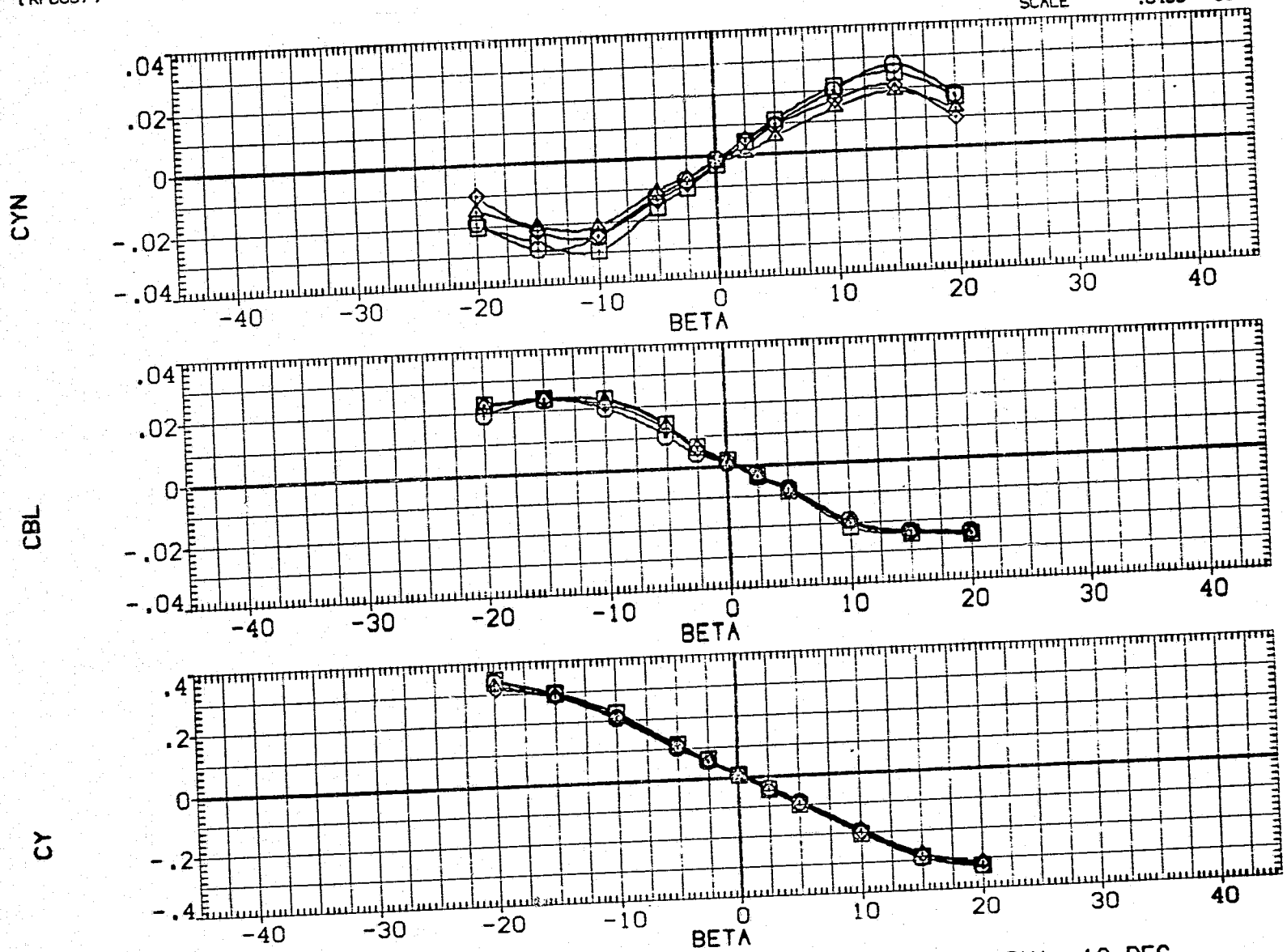


FIG. 41 EFFECT OF ADDING DRAG TO X3B ON LATERAL CHAR. AT ALPHA= 12 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB006)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	
(RFB062)	□	0A124 B26C9 M16 W116E43V8R5TC11X9DB1	.000	.000	25.000	-20.000
(RFB068)	◇	0A124 B26C9 M16 W116E43V8R5TC11X9DB2	.000	.000	25.000	-20.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

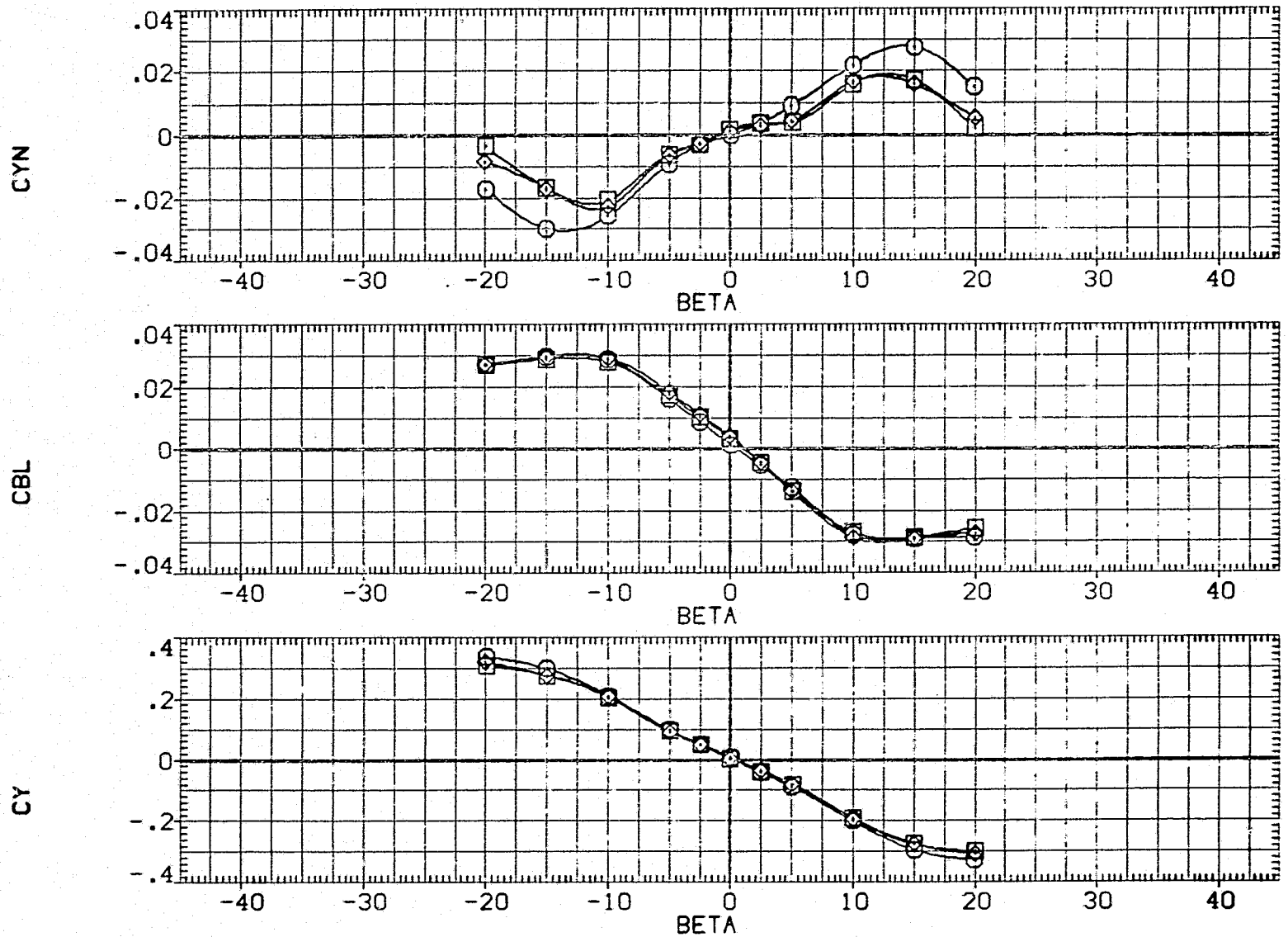


FIG. 42 EFFECT OF ADDING DRAG TO X3B ON LATERAL CHAR. AT ALPHA= 16 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			
(RFB064)	□	0A124	B26C9	M16	W116E43V8R5TC11X9DB2
(RFB065)	◇	0A124	B26C9	M16	W116E43V8R5TC11X9DB2
(RFB066)	△	0A124	B26C9	M16	W116E43V8R5TC11X9DB2
(RFB067)	▽	0A124	B26C9	M16	W116E43V8R5TC11X9DB2
(RFB068)	◁	0A124	B26C9	M16	W116E43V8R5TC11X9DB2

ALPHA	SPOBRK	DHORIZ	RUDDER
.000	25.000	-20.000	.000
4.000	25.000	-20.000	.000
8.000	25.000	-20.000	.000
12.000	25.000	-20.000	.000
16.000	25.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

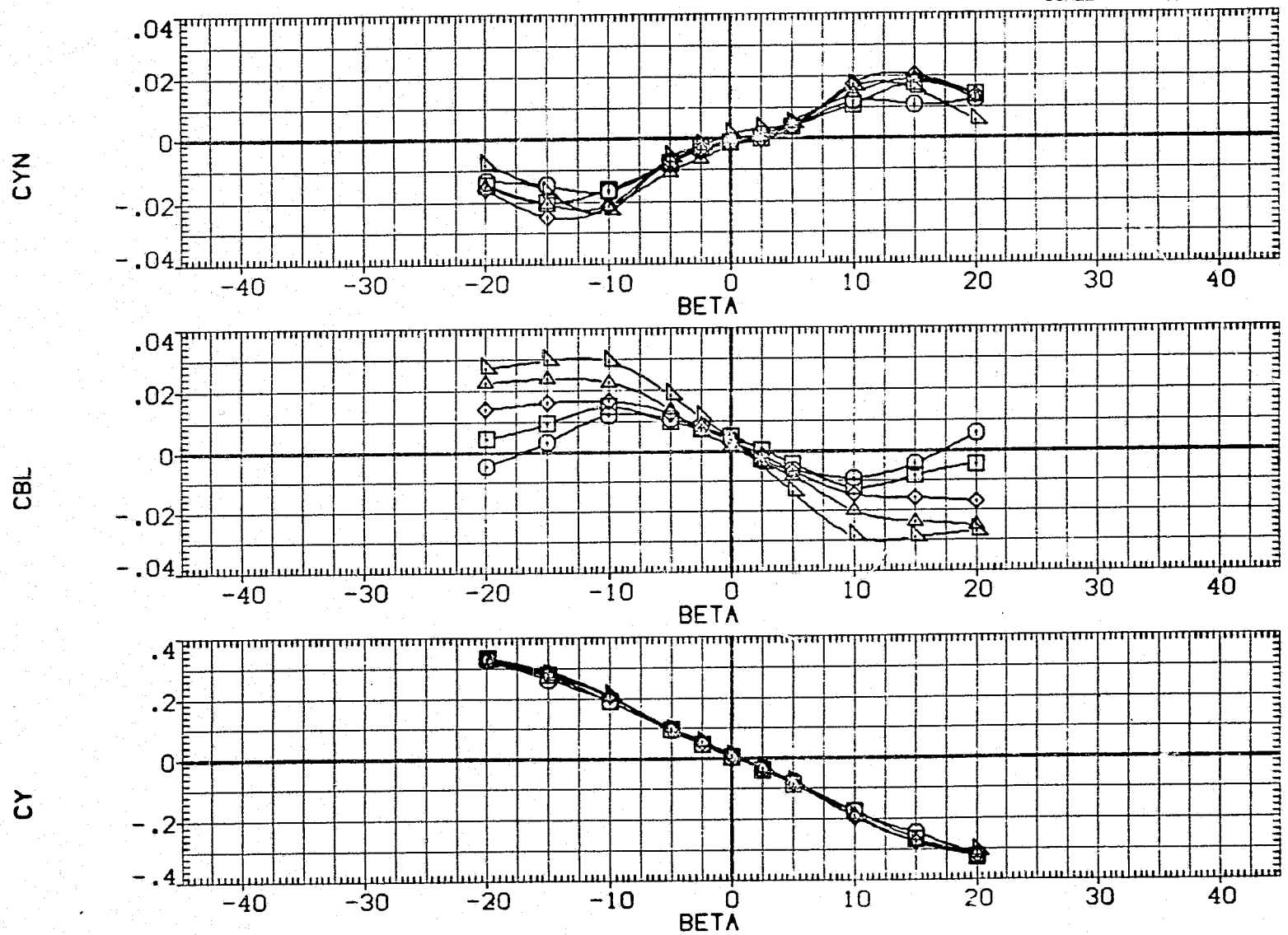


FIG. 43 LATERAL CHAR. OF FINAL X3B WITH SMALL DRAG INDUCERS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			
(RFB058)	○	0A124	B26C9	M16	W116E43V8R5TC11X9DB1
(RFB059)	□	0A124	B26C9	M16	W116E43V8R5TC11X9DB1
(RFB060)	◇	0A124	B26C9	M16	W116E43V8R5TC11X9DB1
(RFB061)	△	0A124	B26C9	M16	W116E43V8R5TC11X9DB1
(RFB052)	◁	0A124	B26C9	M16	W116E43V8R5TC11X9DB1

ALPHA	SPDBRK	DHORIZ	RUDDER
.000	25.000	-20.000	.000
4.000	25.000	-20.000	.000
8.000	25.000	-20.000	.000
12.000	25.000	-20.000	.000
16.000	25.000	-20.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

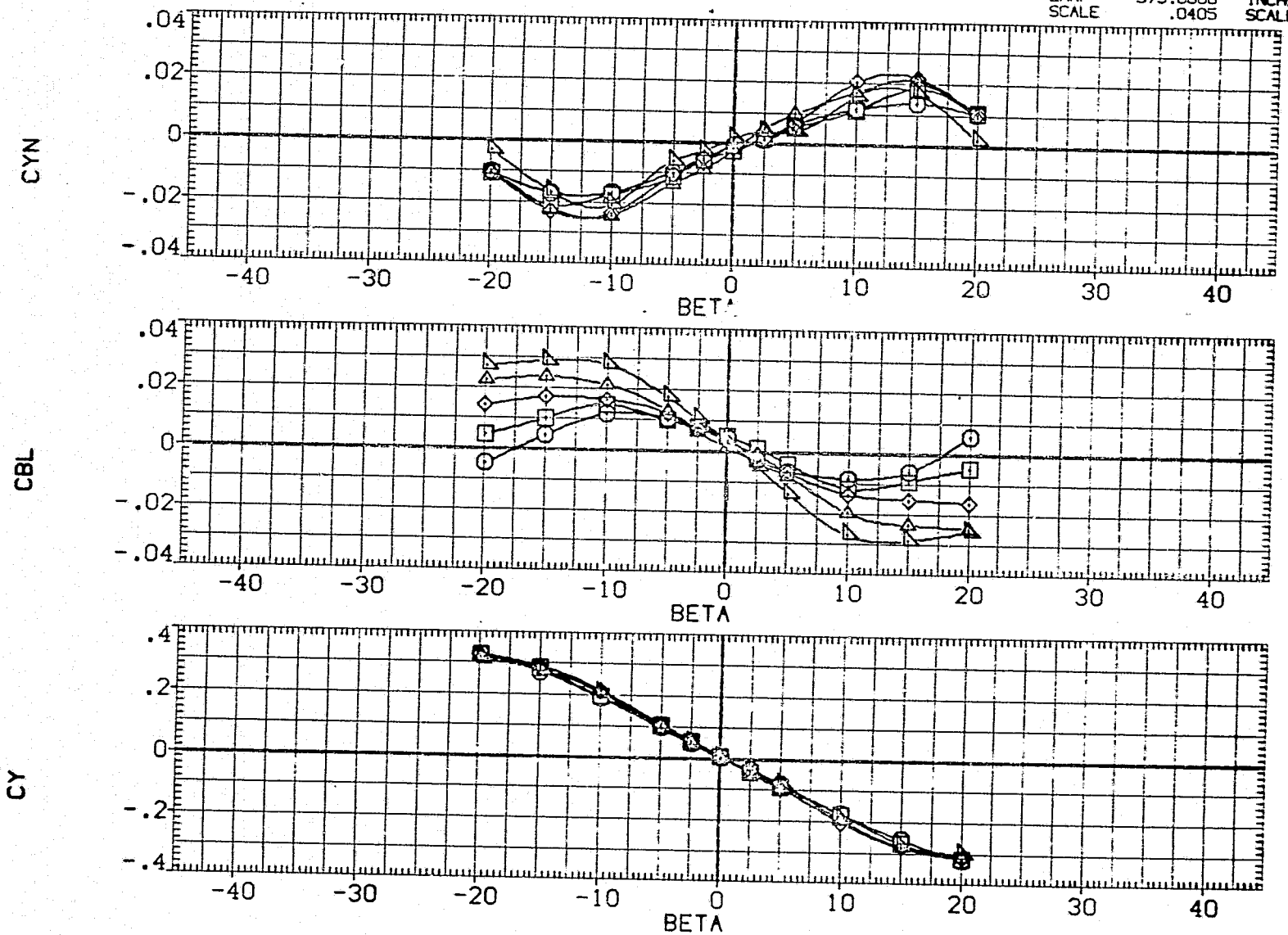


FIG. 44 LATERAL CHAR. OF FINAL X3B WITH LARGE DRAG INDUCERS, BDFLAP= -11.7 DEG.

(A)MACH = .26

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ALPHA	BDFLAP	SPDBRK	RUDDER
(RFB117)		0A124	B26C9F8	M16	W116E43V8R5TC11X9DB1	.000	.000	25.000	.000
(RFB118)		0A124	B26C9F8	M16	W116E43V8R5TC11X9DB1	4.000	.000	25.000	.000
(RFB119)		0A124	B26C9F8	M16	W116E43V8R5TC11X9DB1	8.000	.000	25.000	.000
(RFB120)		0A124	B26C9F8	M16	W116E43V8R5TC11X9DB1	12.000	.000	25.000	.000
(RFB121)		0A124	B26C9F8	M16	W116E43V8R5TC11X9DB1	16.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

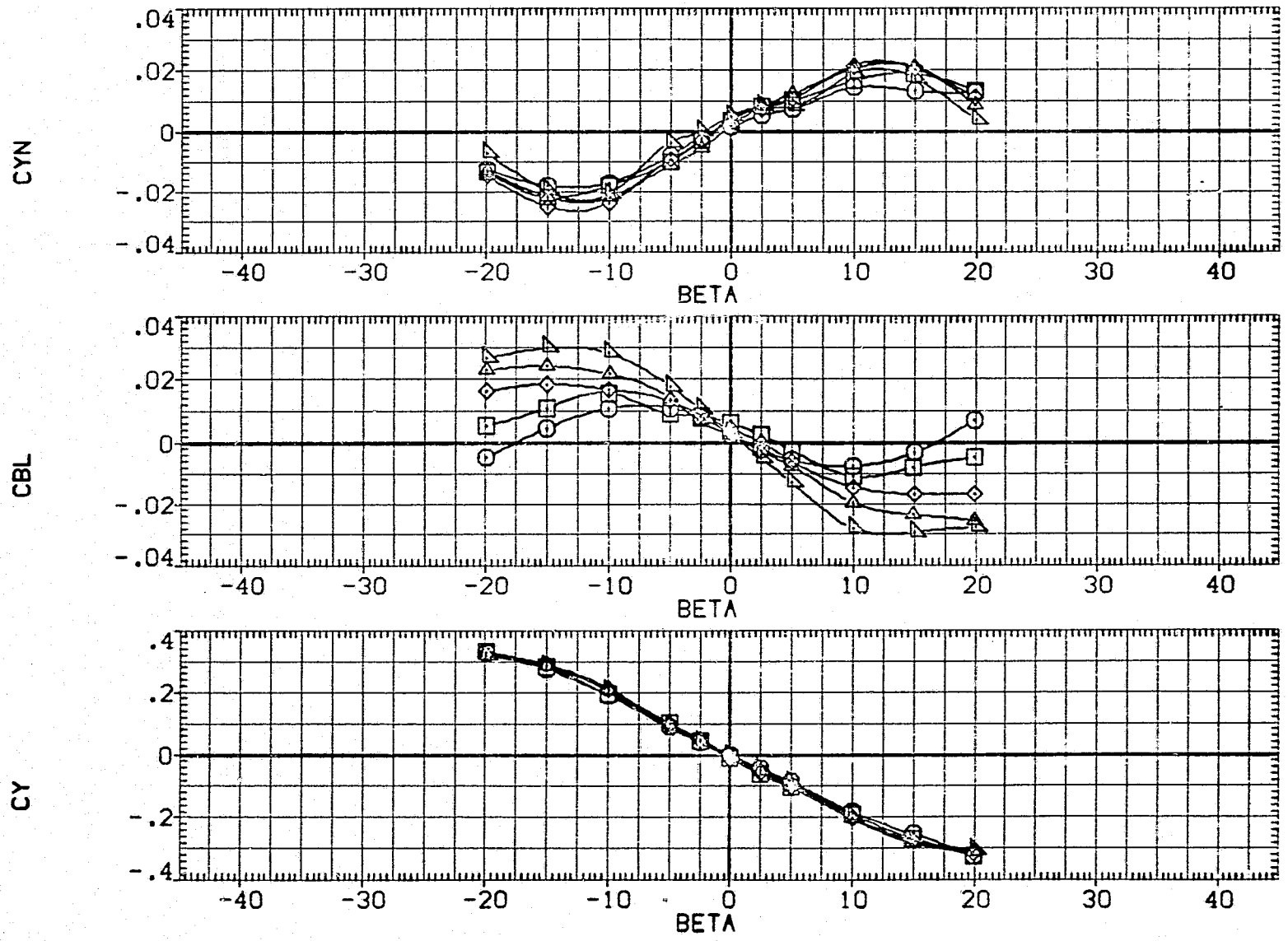

FIG. 45 LATERAL CHAR. OF FINAL X3B WITH LARGE DRAG INDUCERS, BDFLAP= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB088)	○	0A124	B26C9	M16	W116E43V8R5TC3X9	.000	.000	25.000	.000
(RFB094)	□	0A124	B26C9	M16	W116E43V8R5TC7X9	.000	.000	25.000	
(RFB099)	◇	0A124	B26C9	M16	W116E43V8R5TC13X9	.000	.000	25.000	
(RFB102)	△	0A124	B26C9	M16	W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

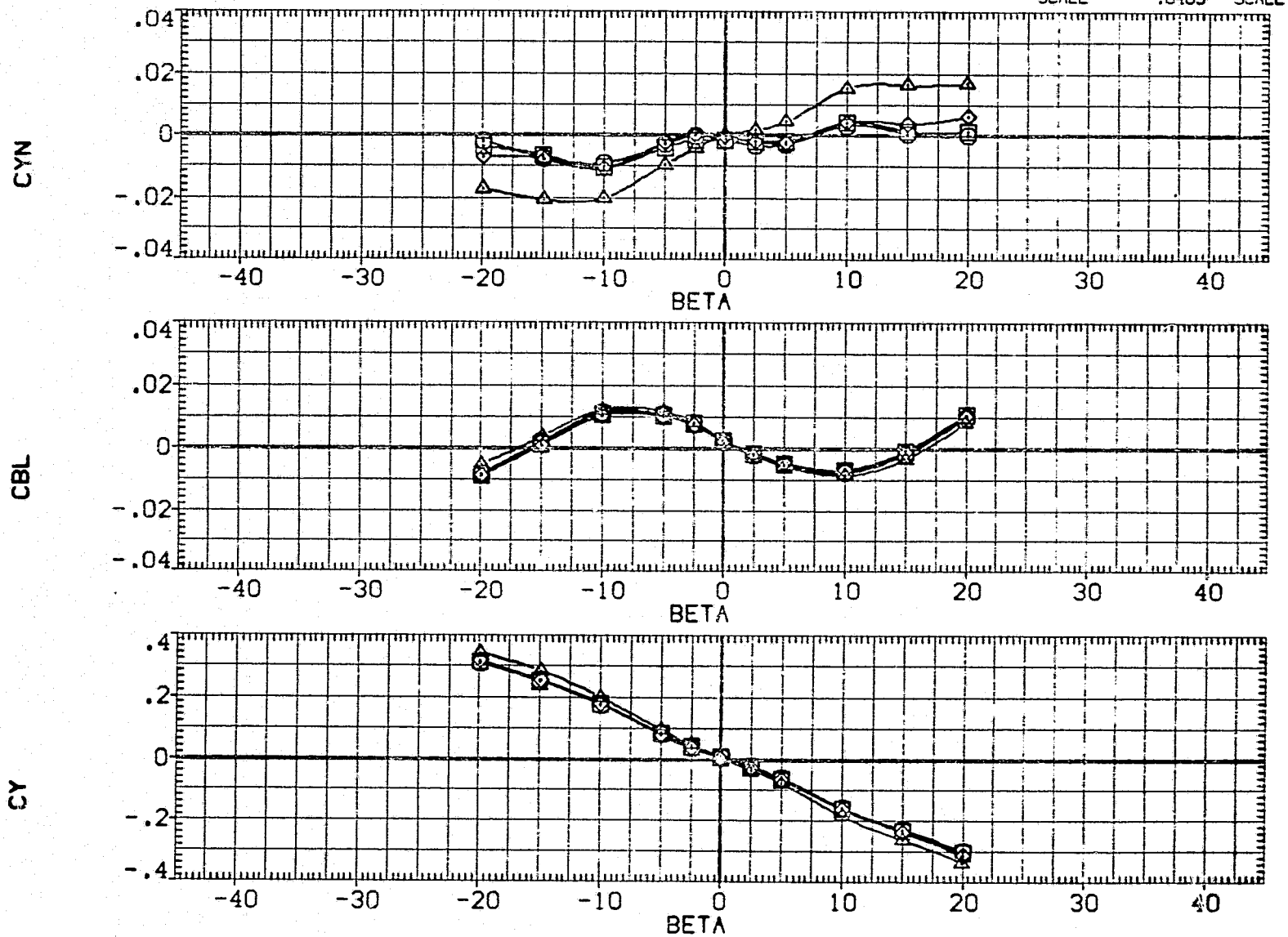

FIG. 46 LATERAL CHAR. OF X3B BEAVERTAIL MODIFICATIONS AT ALPHA= 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION			ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB089)	□	0A124	B26C9	M16	W116E43V8R5TC3X9	.000	.000	25.000	.000
(RFB095)	⊠	0A124	B26C9	M16	W116E43V8R5TC7X9	.000	.000	25.000	
(RFB100)	⊗	0A124	B26C9	M16	W116E43V8R5TC13X9	.000	.000	25.000	
(RFB103)	△	0A124	B26C9	M16	W116E43V8R5TC13X9TR4	.000	.000	25.000	

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

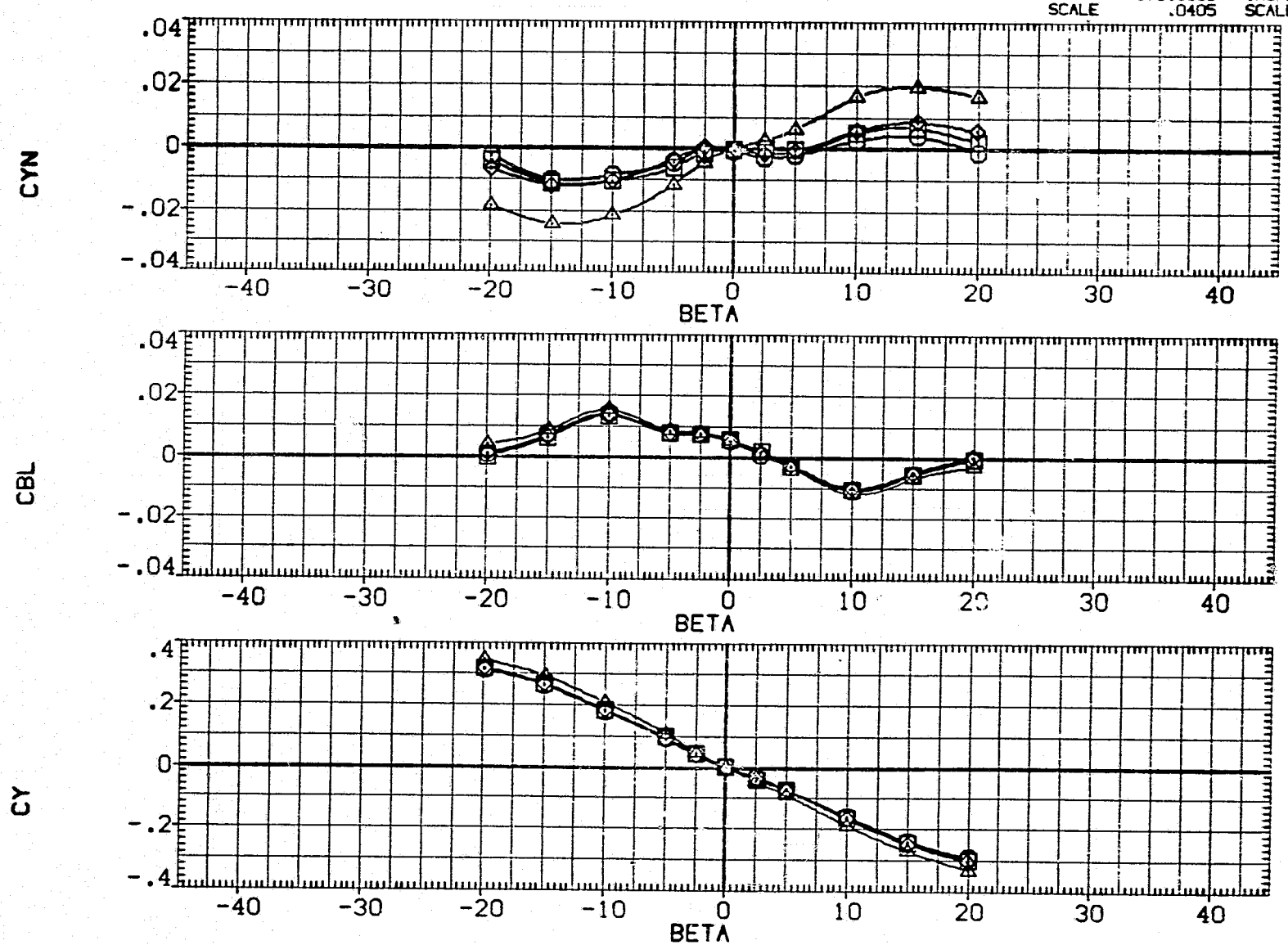

FIG. 47 LATERAL CHAR. OF X3B BEAVERTAIL MODIFICATIONS AT ALPHA= 4 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	DHORIZ
(RFB090)	○	0A124	B26C9	M16	W116E43V8R5TC3X9	.000	.000	25.000	.000
(RFB096)	□	0A124	B26C9	M16	W116E43V8R5TC7X9	.000	.000	25.000	
(RFB101)	⊠	0A124	B26C9	M16	W116E43V8R5TC13X9	.000	.000	25.000	
(RFB104)	△	0A124	B26C9	M16	W116E43V8R5TC13X9TR4				

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

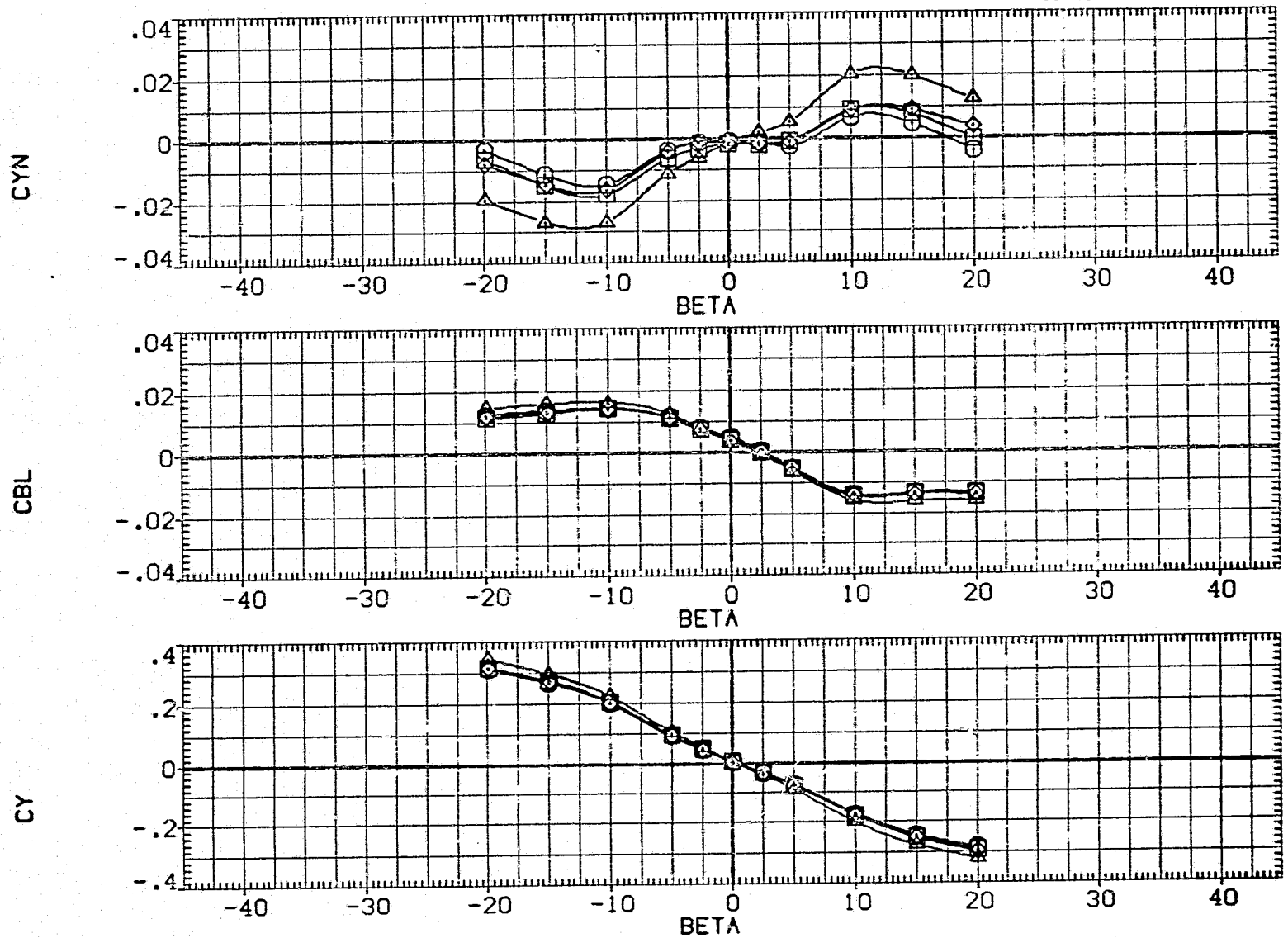

FIG. 48 LATERAL CHAR. OF X3B BEAVERTAIL MODIFICATIONS AT ALPHA= 8 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION				ELV-L	ELV-R	SPDBRK	RUDDER
(RFB091)	○	0A124	B26C9	M16	W116E43V8R5TC3X9	.000	.000	25.000	.000
(RFB097)	□	0A124	B26C9	M16	W116E43V8R5TC7X9	.000	.000	25.000	.000
(RFB105)	◇	0A124	B26C9	M16	W116E43V8R5TC13X9TR4	.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

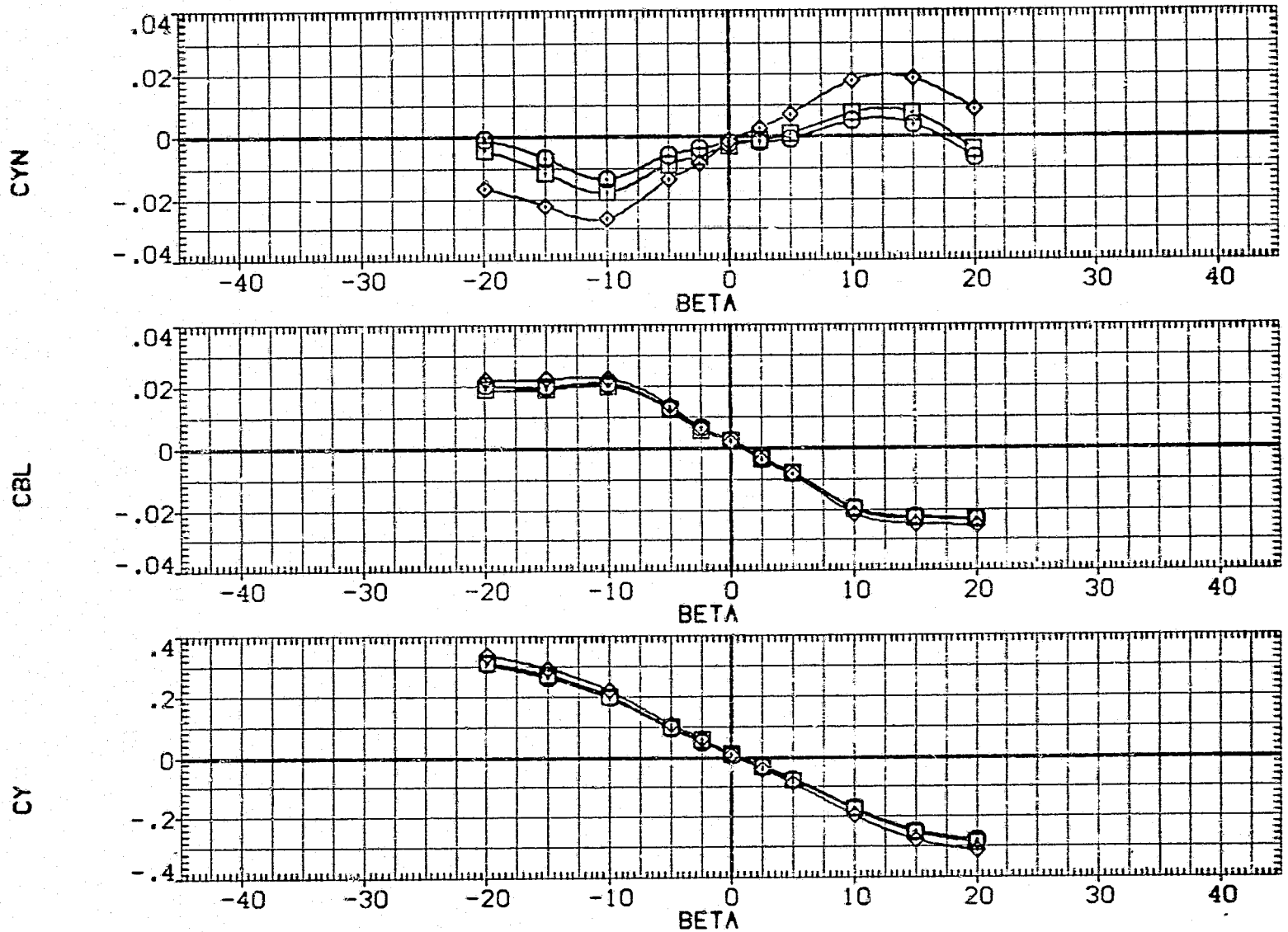

FIG. 49 LATERAL CHAR. OF X3B BEAVERTAIL MODIFICATIONS AT ALPHA= 12 DEG.

(A)MACH = .26

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	RUDDER
(RFB092)	○	0A124 B26C9 M16 W116E43V8R5TC3X9	.000	.000	25.000	.000
(RFB106)	□	0A124 B26C9 M16 W116E43V8R5TC13X9TR4	.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

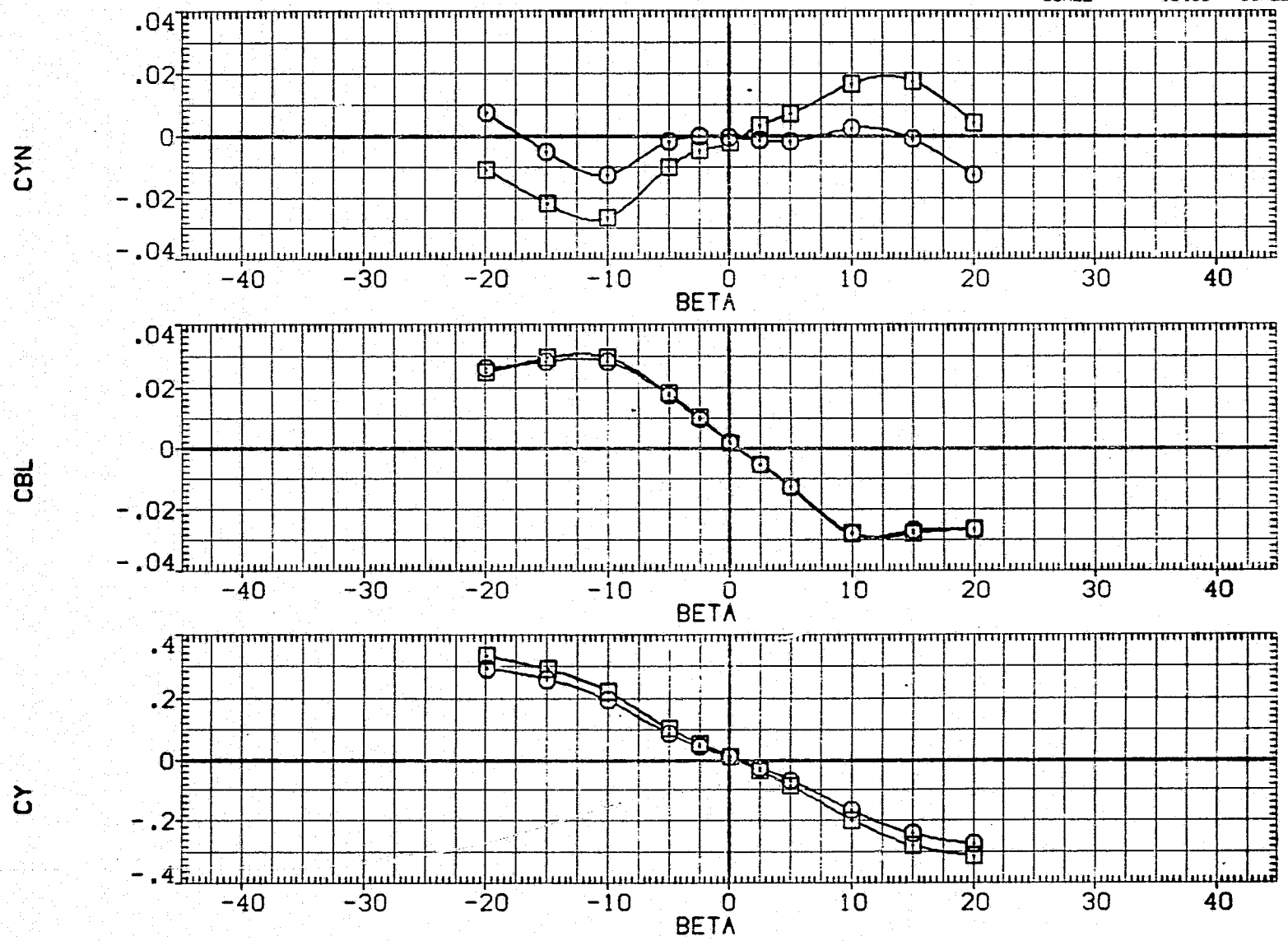

FIG. 50 LATERAL CHAR. OF X3B BEAVERTAIL MODIFICATIONS AT ALPHA= 16 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L	ELV-R	SPDBRK	RUDDER
(RFB002)	○	0A124 B50C9F8 M16N28W116E43V8R5 X9	.000	.000	25.000	.000
(RFB049)	□	0A124 B26C9 M16 .W116E43V8R5TC11X9TR3	.000	.000	25.000	.000
(RFB099)	◇	0A124 B26C9 M16 W116E43V8R5TC13X9	.000	.000	25.000	.000

REFERENCE INFORMATION		
SREF	2689.8300	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

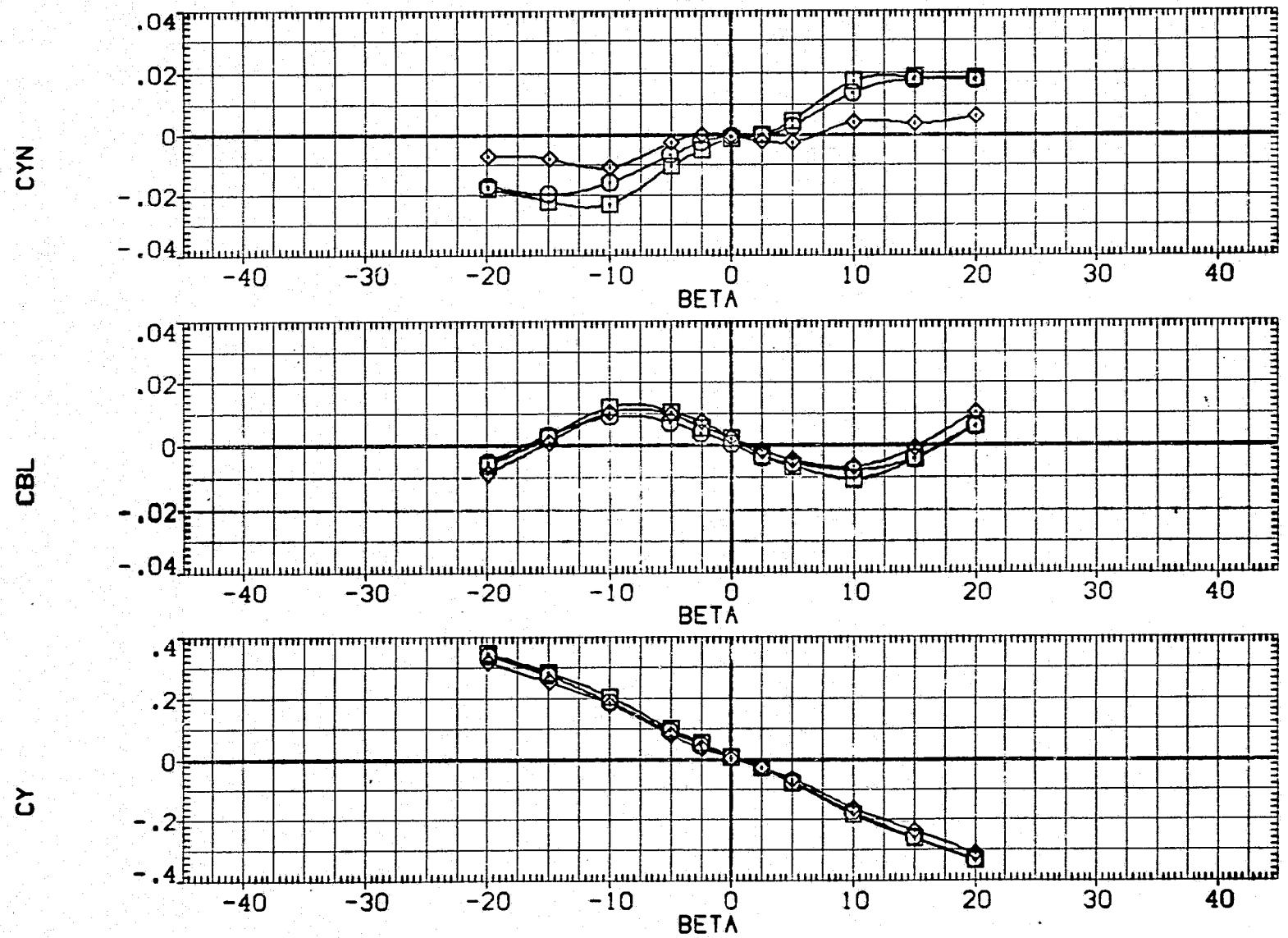

FIG. 51 LATERAL CHAR. OF BASIC ORBITER, BEST X3B AND BEST X3 AT ALPHA= 0 DEG.

(A)MACH = .26

APPENDIX

TABULATED SOURCE DATA

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

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB001) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 1/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.050	-.15040	.04950	.05180	-.15210	.04407	-.00080	.00060	.00600	.77700	.04951
.260	-.020	-.06250	.04200	.05750	-.06260	.04207	-.00020	.00090	.00400	.99000	.04829
.260	1.990	.02890	.03840	.06050	.03020	.03743	.00050	.00240	.00100	-.08400	.04721
.260	4.020	.12450	.03930	.06200	.12690	.03051	.00120	.00410	-.00300	.47200	.04598
.260	6.050	.22810	.04410	.06130	.23150	.01987	.00000	.00310	.00000	.55400	.04492
.260	8.100	.33380	.05400	.06000	.33800	.00649	-.00040	.00190	.00200	.58600	.04329
.260	10.120	.43710	.06880	.06110	.44240	-.00910	-.00090	.00140	.00500	.60100	.04383
.260	12.170	.54910	.09150	.06060	.55600	-.02632	-.00100	.00120	.00300	.61200	.04425
.260	14.200	.66960	.12460	.05680	.67970	-.04343	-.00110	.00020	.00500	.62100	.04638
.260	16.240	.78650	.17300	.05200	.80350	-.05385	.00000	.00180	.00400	.62800	.04975
.260	18.270	.88240	.23920	.04900	.91290	-.04951	.00370	.00470	-.00300	.63200	.05433
	GRADIENT	.04531	-.00169	.00166	.04598	-.00224	.00033	.00059	-.00148	-.09808	-.00058

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB002) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 2/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.00110	.00100	.01610	.00110	.00100	-.01710	-.00570	.33700	-4.35100	.07137
.260	-15.010	-.01180	.01400	.02670	-.01180	.01400	-.02000	.00280	.27300	1.48600	.05991
.260	-9.990	-.03750	.02950	.03930	-.03750	.02949	-.01610	.00880	.18500	1.03700	.05329
.260	-5.040	-.06310	.03740	.05460	-.06310	.03743	-.00700	.00700	.08900	.97000	.05079
.260	-2.520	-.06480	.04030	.05730	-.06480	.04029	-.00280	.00370	.04500	.97700	.04912
.260	-.010	-.06520	.04190	.05790	-.06520	.04189	-.00050	.00020	.00700	.97900	.04812
.260	2.450	-.06200	.04360	.05540	-.06210	.04363	-.00040	-.00400	-.02700	.98000	.04857
.260	4.940	-.05380	.04160	.05000	-.05380	.04163	.00280	-.00600	-.07200	.99400	.04907
.260	9.930	-.03150	.03260	.03760	-.03150	.03266	.01350	-.00800	-.17300	1.09100	.05136
.260	14.950	-.00770	.01780	.02560	-.00770	.01786	.01780	-.00440	-.25800	1.87600	.05721
.260	19.930	.00650	.00140	.01680	.00650	.00144	.01790	.00570	-.33300	-.29600	.06680
	GRADIENT	.00086	.00047	-.00044	.00085	.00047	.00088	-.00135	-.01581	.00205	-.00016

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB003) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 3/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.990	.18550	.00310	.02090	.18530	-.00996	-.01900	.00370	.34000	.61000	.07051
.260	-14.990	.18120	.01130	.03050	.18160	-.00144	-.02550	.00860	.28600	.59000	.05876
.260	-9.990	.14980	.02440	.04440	.15120	.01386	-.01900	.01040	.19700	.54300	.05212
.260	-5.040	.13390	.03420	.05560	.13600	.02474	-.00850	.00650	.09700	.50100	.04868
.260	-2.530	.12640	.03660	.05990	.12870	.02767	-.00270	.00590	.04400	.48000	.04811
.260	-.030	.12570	.04050	.06130	.12820	.03161	.00110	.00460	-.00200	.47600	.04580
.260	2.440	.12880	.04260	.05870	.13140	.03350	.00090	-.00090	-.03900	.48700	.04480
.260	4.940	.13980	.03930	.05390	.14220	.02946	.00460	-.00430	-.08400	.51200	.04609
.260	9.940	.16000	.03160	.04190	.16180	.02027	.01480	-.01210	-.17900	.55600	.04904
.260	14.960	.18750	.01520	.02930	.18820	.00192	.02380	-.00880	-.27300	.59400	.05526
.260	19.930	.19030	.00850	.02240	.19040	-.00487	.01840	-.00440	-.33100	.60800	.06450
	GRADIENT	.00057	.00065	-.00018	.00060	.00051	.00120	-.00114	-.01785	.00116	-.00034

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB004) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 4/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.37560	.02340	.02810	.37510	-.02987	-.02210	.01260	.34600	.62400	.06999
.260	-15.020	.37570	.02730	.03560	.37580	-.02597	-.03000	.01360	.29900	.61700	.05673
.260	-10.000	.35590	.03700	.04600	.35760	-.01356	-.02350	.01360	.20600	.60400	.05199
.260	-5.030	.34600	.04920	.05270	.34950	-.00004	-.01020	.00980	.09800	.59600	.04739
.260	-2.530	.34110	.05220	.05630	.34500	.00361	-.00430	.00590	.04900	.59200	.04532
.260	-.030	.33640	.05480	.06040	.34070	.00685	-.00040	.00250	.00100	.58600	.04358
.260	2.420	.33290	.05610	.05960	.33750	.00866	.00130	-.00210	-.04000	.58700	.04293
.260	4.950	.33960	.05240	.05580	.34360	.00402	.00610	-.00670	-.08900	.59200	.04427
.260	9.950	.35910	.04270	.04510	.36160	-.00832	.01820	-.01540	-.18900	.60600	.04926
.260	14.940	.38630	.03430	.03330	.38720	-.02059	.02470	-.01610	-.27900	.62000	.05463
.260	19.930	.38640	.03190	.02590	.38700	-.02293	.01910	-.01710	-.32800	.62700	.06550
	GRADIENT	-.00084	.00041	.00038	-.00077	.00053	.00153	-.00165	-.01859	-.00052	-.00035

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB005) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 5/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.58770	.07630	.02350	.59050	-.04937	-.01890	.01910	.33600	.63700	.07219
.260	-15.010	.58810	.07380	.03200	.59040	-.05188	-.02810	.02330	.29300	.63200	.06012
.260	-10.010	.57960	.08040	.04020	.58360	-.04358	-.02460	.01970	.29500	.62600	.05298
.260	-5.040	.56310	.08930	.05330	.56930	-.03134	-.01280	.01040	.10100	.61700	.04517
.260	-2.530	.56010	.09070	.05660	.56660	-.02933	-.00770	.00430	.05500	.61500	.04604
.260	-.020	.55360	.09340	.06060	.56090	-.02532	-.00140	.00100	.00600	.61200	.04461
.260	2.440	.55320	.09510	.05910	.56080	-.02362	.00270	-.00410	-.04000	.61300	.04324
.260	4.950	.56130	.08920	.05430	.56750	-.03112	.00950	-.00830	-.09100	.61500	.04420
.260	9.930	.57790	.08270	.04010	.58230	-.04095	.01980	-.01950	-.19500	.62600	.05001
.260	14.950	.59270	.07430	.03200	.59500	-.05240	.02730	-.02350	-.28800	.63200	.05589
.260	19.930	.59070	.08020	.02330	.59430	-.04620	.01730	-.02440	-.32500	.63700	.06859
	GRADIENT	-.00042	.00017	.00018	-.00038	.00025	.00220	-.00184	-.01920	-.00016	-.00019

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB006) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 6/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.80810	.16540	.00880	.82210	-.06746	-.01730	.02680	.33700	.64800	.07674
.260	-14.980	.81430	.16490	.01760	.82790	-.06966	-.02980	.02940	.29600	.64400	.06384
.260	-9.970	.80280	.17170	.03220	.81880	-.05983	-.02570	.02860	.20800	.63700	.05339
.260	-5.020	.78300	.17720	.04980	.80130	-.04898	-.00920	.01610	.09700	.62900	.04868
.260	-2.500	.78650	.17890	.05040	.80520	-.04830	-.00330	.00870	.04900	.62900	.05126
.260	.010	.79010	.17750	.05270	.80820	-.05069	-.00040	.00120	.00600	.62800	.04976
.260	2.460	.79000	.17440	.05380	.80730	-.05363	.00360	-.00580	-.03900	.62700	.04765
.260	4.980	.78800	.17140	.05260	.80450	-.05593	.00890	-.01290	-.08900	.62800	.04735
.260	9.980	.79680	.16550	.03670	.81120	-.06412	.02150	-.02770	-.19900	.63500	.05146
.260	14.980	.81940	.16040	.01830	.83150	-.07540	.02740	-.02900	-.29300	.64400	.05955
.260	19.970	.82000	.16630	.00630	.83380	-.06988	.01460	-.02840	-.32700	.64900	.07099
	GRADIENT	.00054	-.00064	.00036	.00034	-.00077	.00173	-.00290	-.01843	-.00016	-.00025

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB007) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELV-L = 10.000 ELV-R = 10.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 7/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-1.980	.00580	.04630	-.02760	.00420	.04656	.00000	.00140	.00300	3.03400	.05700
.260	.020	.09640	.04590	-.02370	.09650	.04591	.00010	.00240	.00000	.74200	.05489
.260	2.060	.18990	.04980	-.02130	.19150	.04299	-.00030	.00290	.00000	.69300	.05255
.260	4.090	.29280	.05610	-.01950	.29610	.03510	-.00030	.00280	.00000	.67600	.05123
.260	6.120	.39450	.06550	-.01960	.39930	.02305	-.00080	.00180	.00000	.67000	.04986
.260	8.160	.49820	.07980	-.02010	.50450	.00834	-.00090	.00160	.00200	.66600	.04914
.260	10.190	.60640	.10100	-.02010	.61470	-.00789	-.00060	.00160	.00200	.66400	.04894
.260	12.220	.72140	.12810	-.02010	.73220	-.02753	-.00090	.00140	.00300	.65200	.04920
.260	14.270	.84080	.16960	-.02420	.85560	-.04293	.00020	.00160	.00100	.66200	.05016
.260	16.300	.94080	.23330	-.02810	.96850	-.04024	.00550	.00750	-.00800	.66200	.05432
.260	18.330	1.03020	.29990	-.02860	1.07230	-.03943	.00310	.00460	-.00300	.66200	.05984
	GRADIENT	.04714	.00165	.00132	.04794	-.00184	-.00006	.00023	-.00044	-.35065	-.00097

OA124 B50C9F8 M16N28W116E43V8R5 X9 (RFB008) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = -11.700
ELV-L = 10.000 ELV-R = 10.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 8/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.950	.51970	.05250	-.04430	.52190	-.02180	-.01930	.01740	.34200	.68300	.07294
.260	-14.980	.52830	.05440	-.04020	.53070	-.02125	-.02960	.01930	.29600	.68000	.06124
.260	-9.960	.51120	.06260	-.03170	.51490	-.01059	-.02340	.01910	.20500	.67400	.05651
.260	-5.000	.50600	.07340	-.02770	.51130	.00081	-.01050	.01220	.09900	.67200	.05201
.260	-2.490	.50220	.07750	-.02330	.50810	.00546	-.00520	.00590	.05200	.66900	.05059
.260	.020	.49460	.07950	-.02010	.50090	.00853	-.00120	.00130	.00400	.66600	.04934
.260	2.470	.49310	.07850	-.01940	.49930	.00778	.00380	-.00270	-.04400	.66600	.04822
.260	4.980	.49870	.07460	-.02280	.50430	.00308	.00910	-.00830	-.09400	.66800	.04930
.260	9.980	.51080	.06310	-.02990	.51460	-.01008	.02070	-.01870	-.19700	.67300	.05333
.260	14.990	.52950	.05480	-.03900	.53200	-.02097	.02710	-.01870	-.28900	.67900	.05962
.260	19.990	.52570	.05490	-.04660	.52820	-.02034	.01900	-.01910	-.33400	.68400	.07136
	GRADIENT	-.00095	.00014	.00055	-.00092	.00028	.00193	-.00199	-.01934	-.00044	-.00031

OA124 B50C9F8M16N28W116E43V8R5 X9 (RFB009) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 9/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.09270	.04930	.00820	-.09440	.04606	-.00110	.00200	.00400	.68400	.04950
.260	.000	-.00270	.04300	.01400	-.00270	.04307	-.00010	.00190	.00300	2.52100	.04871
.260	2.020	.09150	.04260	.01670	.09300	.03943	.00000	.00360	.00000	.58500	.04770
.260	4.050	.19120	.04630	.01630	.19400	.03291	-.00010	.00410	.00000	.62100	.04698
.260	6.080	.29310	.05240	.01290	.29900	.02089	-.00110	.00300	.00100	.63600	.04606
.260	8.120	.40670	.06210	.00910	.41140	.00402	-.00030	.00280	.00000	.64300	.04551
.260	10.140	.51060	.08170	.00860	.51710	-.00945	-.00150	.00160	.00400	.64500	.04593
.260	12.190	.62490	.10650	.00760	.63330	-.02783	-.00100	.00130	.00300	.64700	.04754
.260	14.230	.74320	.14370	.00420	.75570	-.04340	-.00090	.00070	.00400	.65000	.04951
.260	16.250	.85660	.19730	.00000	.87760	-.05035	.00030	.00260	.00400	.65200	.05359
.260	18.290	.94900	.26550	-.00250	.98470	-.04489	.00270	.00370	.00000	.65300	.05903
	GRADIENT	.04676	-.00043	.00133	.04750	-.00213	.00015	.00040	-.00074	-.10512	-.00042

OA124 B50C9F8M16N28W116E43V8R5 X9 (RFB010) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = 16.300
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 10/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.43960	.04070	-.01920	.44090	-.02191	-.02130	.01480	.34300	.66800	.06001
.260	-14.990	.44680	.04130	-.01580	.44820	-.02233	-.03070	.01840	.29600	.66500	.05298
.260	-9.970	.42240	.04960	-.00500	.42510	-.01059	-.02390	.01560	.20600	.65600	.04992
.260	-5.010	.41730	.05890	.00000	.42140	-.00060	-.01110	.01060	.10000	.65200	.04786
.260	-2.500	.41510	.06120	.00290	.41960	.00198	-.00500	.00650	.05000	.64900	.04650
.260	.000	.40840	.06420	.00700	.41370	.00578	-.00090	.00280	.00300	.64500	.04567
.260	2.460	.41020	.06480	.00620	.41530	.00620	.00120	-.00200	-.03900	.64600	.04553
.260	4.990	.41090	.05820	.00410	.41500	-.00045	.00520	-.00710	-.08800	.64800	.04762
.260	9.990	.42520	.04530	-.00570	.42830	-.01540	.02010	-.01490	-.19300	.65700	.05247
.260	15.000	.45150	.03770	-.01710	.45230	-.02658	.02560	-.01720	-.28400	.66600	.05741
.260	20.000	.44950	.03140	-.02090	.44950	-.03254	.02100	-.01700	-.33400	.66900	.07064
	GRADIENT	-.00071	.00009	.00046	-.00069	.00518	.00164	-.00176	-.01863	-.00044	-.00006

OA124 B50C9F8M16N28W116E43V8R5 X9 (RFB011) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 11/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.060	-.14640	.04310	.04220	-.14790	.03785	-.00050	.00090	.00400	.75700	.04621
.260	-.020	-.06020	.03590	.04790	-.06030	.03594	.00020	.00180	.00100	.94400	.04569
.260	2.000	.02890	.03310	.05260	.03010	.03206	-.00010	.00230	.00100	.00800	.04441
.260	4.030	.12580	.03470	.05450	.12800	.02582	.00000	.00410	-.00100	.49500	.04319
.260	6.050	.22830	.03910	.05380	.23110	.01481	-.00050	.00360	.00000	.56600	.04178
.260	8.090	.33610	.04800	.05200	.33950	.00029	-.00080	.00260	.00100	.59500	.04115
.260	10.130	.44050	.05360	.05270	.44480	-.01462	-.00160	.00170	.00300	.60800	.04081
.260	12.170	.55480	.08640	.05200	.56060	-.03251	-.00110	.00140	.00200	.61700	.04214
.260	14.200	.67550	.11850	.04890	.68400	-.05089	-.00040	.00070	.00100	.62500	.04462
.260	16.250	.78420	.16410	.04620	.79880	-.06192	-.00020	.00150	.00300	.63000	.04745
.260	18.270	.88750	.23530	.04040	.91650	-.05487	.00310	.00320	-.00300	.63500	.05276
	GRADIENT	.04464	-.00138	.00205	.04525	-.00197	.00006	.00050	-.00074	-.08472	-.00051

OA124 B50C9F8M16N28W116E43V8R5 X9 (RFB012) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 12/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.38520	.02150	.01860	.38440	-.03301	-.01370	.01030	.32400	.63400	.06667
.260	-15.020	.38520	.02540	.02440	.38490	-.02921	-.02430	.01390	.28300	.62800	.05318
.260	-9.990	.35960	.03360	.03530	.36080	-.01741	-.01930	.01220	.19600	.61600	.04851
.260	-5.010	.34970	.04420	.04260	.35240	-.00542	-.00830	.00800	.09500	.60700	.04445
.260	-2.510	.34550	.04730	.04670	.34870	-.00183	-.00430	.00520	.04900	.60200	.04280
.260	.000	.33980	.05010	.05050	.34350	.00179	-.00130	.00220	.00300	.59800	.04080
.260	2.450	.33810	.05120	.05040	.34200	.00306	.00070	-.00140	-.03800	.59700	.03938
.260	4.980	.34130	.04660	.04800	.34440	-.00192	.00380	-.00590	-.08300	.60000	.04130
.260	9.960	.36100	.03660	.03510	.36260	-.01465	.01360	-.01330	-.17900	.61600	.04674
.260	14.970	.38980	.02920	.02500	.39010	-.02608	.01840	-.01260	-.26400	.62800	.05231
.260	20.000	.39120	.02570	.01860	.39100	-.02974	.01230	-.01270	-.31400	.63400	.06372
	GRADIENT	-.00097	.00035	.00058	-.00091	.00048	.00117	-.00138	-.01776	-.00076	-.00039

OA124 B50C9F8M16N28W116E43V8R5 X9 (RFB013) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 13/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.060	-.18980	.09030	.10230	-.19300	.08342	-.00140	.00000	.00700	.84700	.08092
.260	-.030	-.10310	.08260	.10790	-.10310	.08255	-.00050	.00090	.00300	1.03700	.07833
.260	1.980	-.01830	.07830	.11340	-.01550	.07892	-.00130	.00110	.00400	3.33300	.07595
.260	4.020	.07420	.07790	.11590	.07940	.07257	.00000	.00370	-.00100	.11500	.07265
.260	6.050	.17520	.08110	.11600	.18280	.06220	.00010	.00360	-.00200	.41800	.06866
.260	8.080	.28100	.08790	.11450	.29050	.04750	-.00050	.00210	.00000	.50700	.06733
.260	10.120	.38790	.10100	.11520	.39960	.03131	-.00040	.00210	.00000	.54600	.06540
.260	12.150	.49950	.12230	.11430	.51410	.01445	-.00050	.00170	.00100	.57000	.06519
.260	14.210	.61960	.15370	.11110	.63830	-.00309	-.00120	.00010	.00300	.58800	.06615
.260	16.220	.73170	.19910	.10710	.75820	-.01325	-.00040	.00120	.00400	.60000	.06936
.260	18.260	.82990	.26230	.10210	.87030	-.01096	.00270	.00290	-.00100	.60800	.07352
	GRADIENT	.04330	-.00205	.00229	.04468	-.00179	.00017	.00056	-.00114	.00359	-.00134

OA124 B50C9F10M16N28W116E43V8R5 X9 (RFB014) (29 APR 75)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = -11.700
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 85.000

RUN NO. 14/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.34340	.04240	.05190	.34600	-.00648	-.03200	.01730	.36100	.59600	.08392
.260	-15.000	.33090	.05920	.07920	.33600	.01191	-.03560	.01720	.30600	.56500	.07209
.260	-9.980	.30130	.07130	.09870	.30840	.02811	-.02340	.01230	.20600	.53400	.07330
.260	-5.010	.29040	.08050	.10520	.29890	.03877	-.00880	.00700	.09700	.52200	.07229
.260	-2.510	.28310	.08560	.11010	.29240	.04484	-.00350	.00440	.04600	.51300	.06944
.260	.000	.27850	.08910	.11410	.28830	.04902	-.00110	.00170	.00200	.50600	.06696
.260	2.470	.27840	.08840	.11500	.28810	.04838	.00230	-.00020	-.04300	.50500	.06449
.260	4.980	.28540	.08480	.11010	.29450	.04374	.00610	-.00480	-.09000	.51400	.06561
.260	9.980	.30180	.07800	.10120	.30980	.03470	.01940	-.01410	-.19200	.53100	.06635
.260	14.980	.33980	.06290	.07800	.34530	.01433	.03210	-.01870	-.29400	.56900	.06779
.260	20.000	.35090	.04710	.05060	.35400	-.00289	.03130	-.02050	-.35100	.59900	.07816
	GRADIENT	-.00059	.00046	.00059	-.00053	.00054	.00143	-.00113	-.01855	-.00096	-.00073

OA124 B26C9 M16 W116E43V8R5TC4X9 (RFB015) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 15/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.010	-.08880	.05430	-.00410	-.09060	.05115	-.00230	.00120	.00700	.63500	.00000
.260	.000	-.00600	.04880	.00530	-.00600	.04886	-.00230	.00140	.00700	.97500	.00000
.260	2.020	.07950	.04730	.01270	.08120	.04451	-.00240	.00230	.00600	.59400	.00000
.260	4.060	.17450	.05080	.01790	.17770	.03837	-.00240	.00360	.00400	.61500	.00000
.260	6.100	.27020	.05670	.01840	.27470	.02772	-.00310	.00270	.00600	.62700	.00000
.260	8.110	.38430	.06710	.01760	.38990	.01220	-.00290	.00220	.00500	.63500	.00000
.260	10.160	.48780	.08440	.01950	.49500	-.00299	-.00400	.00110	.00900	.63700	.00000
.260	12.190	.60110	.10930	.01730	.61070	-.02008	-.00400	.00060	.00900	.64100	.00000
.260	14.220	.72000	.14380	.01220	.73330	-.03752	-.00350	.00020	.00900	.64500	.00000
.260	16.290	.83660	.19690	.00690	.85830	-.04570	-.00260	.00170	.00900	.64900	.00000
.260	18.300	.93120	.26830	-.00070	.96830	-.03769	.00110	.00370	.00200	.65200	.00000
	GRADIENT	.04328	-.00059	.00363	.04410	-.00211	-.00002	.00040	-.00050	-.02189	.00000

OA124 B26C9 M16 W116E43V8R5TC4X9 (RFB016) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 16/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.41690	.06200	-.02140	.42150	.00247	-.00890	.01180	.31900	.67000	.00000
.260	-15.000	.42260	.05440	-.01080	.42610	-.00588	-.01670	.01300	.27300	.66100	.00000
.260	-9.990	.40270	.05430	.00390	.40630	-.00315	-.02020	.01340	.20900	.64800	.00000
.260	-5.010	.39460	.06420	.00980	.39970	.00783	-.00800	.00940	.09800	.64300	.00000
.260	-2.500	.39000	.06710	.01340	.39560	.01130	-.00490	.00510	.05200	.63900	.00000
.260	.000	.38650	.06810	.01730	.39230	.01286	-.00330	.00160	.00800	.63500	.00000
.260	2.460	.38460	.06770	.01750	.39030	.01272	-.00320	-.00320	-.02900	.63500	.00000
.260	4.980	.38690	.06400	.01430	.39210	.00877	-.00060	-.00820	-.07500	.63800	.00000
.260	9.970	.40710	.05490	.00110	.41080	-.00320	.01110	-.01660	-.18000	.65100	.00000
.260	14.990	.42970	.05460	-.01230	.43310	-.00579	.01060	-.01440	-.25400	.66200	.00000
.260	20.010	.42270	.06420	-.02340	.42760	.00382	.00440	-.01460	-.30000	.67200	.00000
	GRADIENT	-.00083	.00001	.00053	-.00082	.00013	.00066	-.00174	-.01712	-.00056	.00000

OA124 B26C9 M16 W116E43V8R5TC8X9 (RFB017) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 17/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.09640	.05650	.00130	-.09840	.05311	-.00290	.00040	.01100	.65700	.00000
.260	.000	-.01520	.05080	.01080	-.01520	.05089	-.00320	.00040	.01200	.91300	.00000
.260	2.020	.07240	.04900	.01880	.07410	.04644	-.00310	.00160	.00900	.55800	.00000
.260	4.040	.16630	.05200	.02380	.16950	.04021	-.00280	.00320	.00600	.60000	.00000
.260	6.070	.26770	.05780	.02480	.27230	.02918	-.00340	.00270	.00800	.61800	.00000
.260	8.100	.37190	.06720	.02560	.37770	.01408	-.00340	.00160	.00800	.62700	.00000
.260	10.140	.47480	.08380	.02740	.48210	-.00110	-.00450	.00060	.01100	.63100	.00000
.260	12.170	.58780	.10780	.02650	.59730	-.01849	-.00450	.00050	.01100	.63500	.00000
.260	14.220	.70960	.14310	.02110	.72300	-.03563	-.00400	.00030	.01100	.64100	.00000
.260	16.240	.82260	.19490	.01530	.84430	-.04303	-.00340	.00170	.01100	.64500	.00000
.260	18.300	.91600	.26550	.00840	.95300	-.03556	-.00010	.00330	.00500	.64800	.00000
	GRADIENT	.04335	-.00076	.00374	.04421	-.00214	.00002	.00048	-.00089	-.02604	.00000

OA124 B26C9 M16 W116E43V8R5TC8X9 (RFB018) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 18/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.020	.40180	.05970	-.00590	.40620	.00222	-.01210	.01180	.32600	.65700	.00000
.260	-15.030	.40840	.05330	.00510	.41190	-.00499	-.01960	.01290	.27900	.64700	.00000
.260	-10.010	.38820	.05390	.01630	.39190	-.00148	-.02140	.01410	.20800	.63600	.00000
.260	-5.040	.38220	.06450	.02050	.38750	.00984	-.00940	.00930	.10100	.63200	.00000
.260	-2.520	.37850	.06700	.02220	.38420	.01285	-.00600	.00500	.05400	.63000	.00000
.260	.000	.37500	.06840	.02450	.38090	.01471	-.00350	.00110	.01000	.62800	.00000
.260	2.450	.37340	.06800	.02650	.37930	.01451	-.00200	-.00320	-.03200	.62600	.00000
.260	4.970	.37640	.06460	.02510	.38180	.01072	.00090	-.00830	-.07800	.62700	.00000
.260	9.970	.39420	.05430	.01470	.39790	-.00195	.01300	-.01680	-.18100	.63800	.00000
.260	14.980	.41460	.05280	.00440	.41790	-.00638	.01370	-.01500	-.25900	.64800	.00000
.260	20.010	.41180	.06090	-.00840	.41630	.00202	.00770	-.01500	-.30700	.65900	.00000
	GRADIENT	-.00067	.00005	.00054	-.00065	.00014	.00098	-.00174	-.01777	-.00056	.00000

OA124 B26C9 M16 W116E43V8R5TC9X9 (RFB019) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 19/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.09740	.05720	.00350	-.09940	.05377	-.00340	.00000	.01300	.66500	.00000
.260	-.010	-.01610	.05160	.01370	-.01610	.05164	-.00340	-.00010	.01300	.96400	.00000
.260	2.010	.07020	.04960	.02150	.07190	.04717	-.00340	.00100	.01100	.54200	.00000
.260	4.050	.16330	.05220	.02700	.16660	.04056	-.00300	.00270	.00700	.59200	.00000
.260	6.080	.26530	.05820	.02820	.27000	.02975	-.00350	.00220	.00800	.61300	.00000
.260	8.110	.37190	.06770	.02780	.37780	.01458	-.00350	.00150	.00800	.62400	.00000
.260	10.140	.47340	.08450	.03020	.48090	-.00024	-.00480	.00040	.01200	.62900	.00000
.260	12.190	.58700	.10860	.02840	.59670	-.01778	-.00480	.00020	.01200	.63400	.00000
.260	14.220	.70980	.14410	.02300	.72340	-.03474	-.00430	.00030	.01100	.64000	.00000
.260	16.260	.82270	.19590	.01800	.84470	-.04229	-.00350	.00170	.01100	.64400	.00000
.260	18.310	.91840	.26690	.01050	.95580	-.03526	.00010	.00390	.00400	.64800	.00000
	GRADIENT	.04293	-.00084	.00387	.04380	-.00218	.00006	.00046	-.00099	-.03175	.00000

OA124 B26C9 M16 W116E43V8R5TC9X9 (RFB020) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 20/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.40400	.06040	-.00860	.40840	.00270	-.01200	.01130	.32500	.65900	.00000
.260	-15.020	.40860	.05340	.00300	.41200	-.00489	-.01960	.01360	.27700	.64900	.00000
.260	-10.000	.38980	.05410	.01490	.39350	-.00155	-.02130	.01500	.20600	.63800	.00000
.260	-5.030	.38240	.06460	.02120	.38770	.00997	-.00930	.01000	.09800	.63200	.00000
.260	-2.510	.37750	.06700	.02410	.38320	.01297	-.00600	.00550	.05300	.62800	.00000
.260	-.010	.37240	.06860	.02780	.37830	.01530	-.00420	.00110	.01000	.62500	.00000
.260	2.450	.36990	.06820	.02850	.37580	.01533	-.00330	-.00360	-.02900	.62400	.00000
.260	4.980	.37170	.06450	.02690	.37710	.01137	-.00020	-.00870	-.07500	.62500	.00000
.260	9.980	.39560	.05500	.01340	.39940	-.00147	.01190	-.01720	-.17900	.63900	.00000
.260	15.000	.41430	.05320	.00250	.41760	-.00592	.01270	-.01550	-.25700	.64900	.00000
.260	20.010	.41050	.06110	-.01070	.41500	.00238	.00700	-.01550	-.30400	.66100	.00000
	GRADIENT	-.00116	.00004	.00063	-.00114	.00021	.00084	-.00186	-.01714	-.00072	.00000

OA124 B26C9 M16 W116E43V8R5TC10XS (RFB021) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 21/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.11690	.06070	.02990	-.11900	.05654	-.00470	-.00030	.01600	.74400	.00000
.260	-.010	-.03270	.05420	.03790	-.03270	.05419	-.00480	-.00030	.01700	1.07800	.00000
.260	2.010	.05640	.05160	.04410	.05810	.04965	-.00440	.00080	.01300	.37300	.00000
.260	4.060	.15030	.05420	.04710	.15370	.04340	-.00470	.00220	.01100	.53900	.00000
.260	6.080	.25420	.05940	.04580	.25910	.03218	-.00490	.00180	.01200	.58700	.00000
.260	8.110	.35920	.06870	.04530	.36530	.01732	-.00530	.00080	.01300	.60600	.00000
.260	10.130	.46240	.08480	.04820	.47020	.00210	-.00630	.00000	.01500	.61400	.00000
.260	12.170	.57270	.10920	.04790	.58280	-.01397	-.00650	.00000	.01500	.62100	.00000
.260	14.230	.69490	.14380	.04610	.70890	-.03141	-.00600	-.00010	.01500	.62800	.00000
.260	16.250	.80440	.19480	.04490	.82680	-.03814	-.00520	.00130	.01500	.63200	.00000
.260	18.260	.89780	.26520	.03930	.93570	-.02987	-.00160	.00350	.00800	.63600	.00000
	GRADIENT	.04397	-.00109	.00285	.04487	-.00217	.00002	.00043	-.00094	-.06514	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9 (RFB022) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 22/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.43330	.07240	-.02490	.43920	.01054	-.02040	.01310	.34500	.67300	.00000
.260	-15.010	.43420	.06680	-.00550	.43930	.00480	-.02630	.01440	.29300	.65600	.00000
.260	-9.990	.40640	.06750	.01910	.41190	.00957	-.02580	.01640	.21700	.63500	.00000
.260	-5.010	.39240	.07750	.03480	.39940	.02141	-.01180	.01080	.10500	.62000	.00000
.260	-2.490	.38640	.07970	.03840	.39380	.02450	-.00690	.00590	.05600	.61600	.00000
.260	.010	.38070	.08200	.04310	.38840	.02756	-.00460	.00080	.01200	.61100	.00000
.260	2.490	.37960	.08070	.04200	.38720	.02648	-.00170	-.00360	-.03300	.61200	.00000
.260	4.990	.38450	.07730	.03740	.39160	.02240	.00290	-.00910	-.08200	.61600	.00000
.260	9.990	.41310	.06570	.01550	.41820	.00677	.01880	-.01720	-.19500	.63800	.00000
.260	15.010	.44110	.06510	-.00950	.44590	.00221	.02070	-.01500	-.27500	.66000	.00000
.260	20.040	.44100	.07170	-.03160	.44670	.00871	.01690	-.01510	-.32400	.67800	.00000
	GRADIENT	-.00091	.00002	.00035	-.00089	.00016	.00139	-.00197	-.01854	-.00048	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9 (RFB023) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 23/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.940	.40390	.05970	-.00790	.40830	.00207	-.01600	.01020	.33300	.65900	.00000
.260	-14.970	.40660	.05340	.00720	.41000	-.00450	-.02140	.01240	.28200	.64500	.00000
.260	-9.970	.38140	.05370	.02830	.38520	-.00063	-.02250	.01340	.21100	.62500	.00000
.260	-5.010	.37090	.06460	.03780	.37640	.01170	-.00960	.00950	.09900	.61500	.00000
.250	-2.490	.36830	.06740	.03870	.37410	.01478	-.00550	.00520	.05300	.61400	.00000
.260	.000	.36330	.06880	.04260	.36930	.01688	-.00370	.00100	.01000	.60900	.00000
.260	2.460	.36020	.06830	.04210	.36620	.01689	-.00280	-.00370	-.03100	.60900	.00000
.260	4.970	.36390	.06480	.04090	.36940	.01283	.00070	-.00900	-.07700	.61100	.00000
.260	9.970	.38670	.05460	.02360	.39050	-.00050	.01310	-.01680	-.18200	.62900	.00000
.260	14.980	.41420	.05280	.00350	.41750	-.00624	.01550	-.01490	-.26200	.64900	.00000
.260	19.980	.41250	.06120	-.01550	.41700	.00238	.01160	-.01480	-.31200	.66500	.00000
	GRADIENT	-.00089	.00005	.00039	-.00088	.00018	.00094	-.00184	-.01750	-.00052	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9 (RFB024) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 24/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.11350	.06060	.02850	-.11560	.05658	-.00350	.00000	.01300	.74300	.00000
.260	.000	-.02950	.05380	.03620	-.02950	.05388	-.00320	.00000	.01200	1.10300	.00000
.260	2.010	.05700	.05160	.04270	.05880	.04954	-.00310	.00120	.01000	.38400	.00000
.260	4.050	.15230	.05420	.04570	.15580	.04333	-.00330	.00220	.00900	.54400	.00000
.260	6.080	.25470	.05920	.04470	.25950	.03194	-.00330	.00220	.00800	.58800	.00000
.260	8.100	.36190	.06780	.04340	.36780	.01611	-.00320	.00140	.00900	.60800	.00000
.260	10.140	.46260	.08420	.04570	.47020	.00141	-.00460	.00030	.01200	.61600	.00000
.260	12.180	.57430	.10800	.04550	.58420	-.01560	-.00450	.00000	.01200	.62300	.00000
.260	14.220	.69510	.14290	.04370	.70890	-.03230	-.00410	.00010	.01100	.62900	.00000
.260	16.260	.79760	.18940	.04290	.81870	-.04146	-.00330	.00160	.01150	.63200	.00000
.260	18.300	.90020	.26330	.03630	.93730	-.03259	.00020	.00370	.00400	.63700	.00000
	GRADIENT	.04372	-.00106	.00287	.04464	-.00218	.00003	.00039	-.00069	-.06494	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9 (RFB025) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 25/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.40540	.06080	-.00840	.40990	.00288	-.01570	.01130	.33200	.65900	.00000
.260	-14.970	.40960	.05390	.00690	.41310	-.00457	-.02170	.01340	.28200	.64500	.00000
.260	-9.990	.38310	.05430	.02790	.38700	-.00033	-.02230	.01410	.21100	.62500	.00000
.260	-5.010	.37290	.06500	.03760	.37830	.01166	-.00910	.01010	.09800	.61500	.00000
.260	-2.510	.36930	.06740	.03880	.37510	.01455	-.00510	.00570	.05200	.61400	.00000
.260	.000	.36380	.06900	.04300	.36990	.01698	-.00350	.00120	.00900	.60900	.00000
.260	2.450	.36180	.06850	.04280	.36790	.01672	-.00250	-.00350	-.03000	.60900	.00000
.260	4.970	.36320	.06490	.04130	.36880	.01301	.00090	-.00880	-.07700	.61000	.00000
.260	9.960	.38810	.05450	.02440	.39190	-.00090	.01340	-.01650	-.18300	.62900	.00000
.260	14.960	.41690	.05330	.00420	.42030	-.00620	.01600	-.01510	-.26300	.64800	.00000
.260	19.980	.41460	.06170	-.01530	.41920	.00247	.01170	-.01460	-.31100	.66500	.00000
	GRADIENT	-.00108	.00004	.00046	-.00105	.00020	.00091	-.00189	-.01734	-.00060	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR1 (RFB027) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 27/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.09050	.07010	.02540	-.09290	.06691	-.00340	.00000	.01300	.75200	.00000
.260	.000	-.00800	.06380	.03420	-.00800	.06381	-.00330	-.00010	.01300	2.21500	.00000
.260	2.010	.07780	.06360	.04000	.08000	.06082	-.00370	.00070	.01200	.46800	.00000
.260	4.040	.17240	.06630	.04240	.17670	.05399	-.00350	.00210	.00900	.56300	.00000
.260	6.070	.27380	.07190	.04180	.27980	.04253	-.00400	.00180	.01000	.59700	.00000
.260	8.110	.37950	.08170	.04130	.38730	.02731	-.00450	.00060	.01200	.61200	.00000
.260	10.150	.48130	.09850	.04320	.49110	.01210	-.00520	.00000	.01300	.61900	.00000
.260	12.180	.59510	.12300	.04190	.60760	-.00533	-.00510	.00000	.01200	.62600	.00000
.260	14.240	.70820	.15690	.04090	.72510	-.02210	-.00450	-.00030	.01300	.63100	.00000
.260	16.240	.82050	.21210	.03810	.84710	-.02595	-.00260	.00210	.01000	.63500	.00000
.260	18.290	.91500	.28000	.03340	.95670	-.02125	.00020	.00290	.00400	.63900	.00000
	GRADIENT	.04325	-.00057	.00281	.04435	-.00207	-.00003	.00035	-.00064	-.11395	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR1 (RFB028) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 28/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.43170	.07030	-.02590	.43730	.00852	-.02040	.01230	.34500	.67300	.00000
.260	-15.010	.43260	.06560	-.00740	.43760	.00380	-.02640	.01410	.29300	.65800	.00000
.260	-10.000	.40740	.06720	.01630	.41280	.00893	-.02680	.01540	.22100	.63700	.00000
.260	-5.020	.39390	.07800	.03160	.40100	.02159	-.01140	.01110	.10300	.62300	.00000
.260	-2.520	.38900	.08060	.03550	.39650	.02492	-.00700	.00590	.05500	.61900	.00000
.260	.000	.38180	.08190	.04030	.38950	.02729	-.00410	.00130	.01000	.61400	.00000
.260	2.450	.38140	.08200	.03920	.38910	.02738	-.00180	-.00380	-.03300	.61500	.00000
.260	4.970	.38570	.07820	.03610	.39290	.02298	.00300	-.00890	-.08300	.61800	.00000
.260	9.960	.41210	.06580	.01510	.41730	.00693	.01920	-.01700	-.19600	.63800	.00000
.260	15.010	.44050	.06580	-.00940	.44540	.00287	.02020	-.01510	-.27500	.65900	.00000
.260	20.000	.44250	.07160	-.03260	.44820	.00832	.01660	-.01560	-.32600	.67800	.00000
	GRADIENT	-.00096	.00007	.00051	-.00095	.00021	.00136	-.00199	-.01844	-.00056	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR2 (RFB029) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 29/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.10970	.06350	.02880	-.11190	.05961	-.00380	.00000	.01300	.74700	.00000
.260	-.010	-.02520	.05710	.03680	-.02520	.05717	-.00360	.00010	.01300	1.18800	.00000
.260	2.000	.06310	.05480	.04290	.06490	.05256	-.00350	.00130	.01000	.40900	.00000
.260	4.030	.15770	.05790	.04630	.16140	.04668	-.00340	.00270	.00700	.54600	.00000
.260	6.060	.26060	.06340	.04500	.26580	.03553	-.00370	.00240	.00800	.58900	.00000
.260	8.100	.36750	.07330	.04420	.37420	.02074	-.00430	.00120	.01000	.60800	.00000
.260	10.160	.46740	.08970	.04660	.47590	.00587	-.00520	.00050	.01200	.61600	.00000
.260	12.180	.58230	.11420	.04670	.59330	-.01115	-.00520	.00010	.01200	.62300	.00000
.260	14.210	.69970	.14890	.04510	.71490	-.02743	-.00460	.00000	.01200	.62800	.00000
.260	16.240	.80960	.20030	.04350	.83330	-.03424	-.00340	.00160	.01100	.63200	.00000
.260	18.280	.90550	.27150	.03810	.94500	-.02620	.00010	.00330	.00300	.63700	.00000
	GRADIENT	.04411	-.00094	.00290	.04507	-.00215	.00006	.00046	-.00104	-.00833	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR2 (RFB030) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 30/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.41420	.05450	-.01260	.41920	.00528	-.01610	.01240	.33400	.66300	.00000
.260	-15.000	.41650	.05830	.00190	.42060	-.00114	-.02190	.01390	.28300	.65000	.00000
.260	-9.980	.39050	.05900	.02450	.39490	.00329	-.02340	.01550	.21200	.62900	.00000
.260	-5.010	.38020	.06930	.03580	.38610	.01498	-.01030	.01090	.10000	.61800	.00000
.260	-2.500	.37580	.07210	.03900	.38220	.01834	-.00650	.00590	.05500	.61400	.00000
.260	.010	.36970	.07400	.04370	.37640	.02111	-.00410	.00160	.00900	.60900	.00000
.260	2.460	.36870	.07290	.04280	.37530	.02020	-.00200	-.00300	-.03200	.61000	.00000
.260	4.980	.37060	.06920	.04030	.37670	.01622	.00180	-.00850	-.08000	.61200	.00000
.260	9.980	.39610	.05860	.02170	.40040	.00211	.01510	-.01670	-.18700	.63200	.00000
.260	15.020	.42280	.05790	.00000	.42670	-.00244	.01610	-.01540	-.26500	.65200	.00000
.260	20.010	.42360	.06480	-.01890	.42850	.00430	.01240	-.01570	-.31700	.66800	.00000
	GRADIENT	-.00106	.00002	.00051	-.00103	.00017	.00115	-.00151	-.01792	-.00064	.00000

OA124 B26C9 M16 W116E43V8R5TC8X9TR2 (RFB031) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 31/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.08690	.06010	-.00200	-.08890	.05708	-.00270	.00050	.01100	.64300	.00000
.260	.000	-.00530	.05440	.00760	-.00530	.05444	-.00280	.00040	.01100	1.17900	.00000
.260	2.030	.08100	.05320	.01610	.08280	.05035	-.00280	.00150	.00900	.58000	.00000
.260	4.050	.17630	.05640	.02110	.17980	.04386	-.00250	.00290	.00700	.60800	.00000
.260	6.080	.27680	.06280	.02190	.28190	.03312	-.00300	.00270	.00700	.62300	.00000
.260	8.140	.38310	.07310	.02210	.38960	.01815	-.00370	.00150	.00900	.63100	.00000
.260	10.170	.48430	.09010	.02390	.49260	.00314	-.00460	.00060	.01200	.63400	.00000
.260	12.180	.59720	.11440	.02230	.60790	-.01418	-.00450	.00020	.01100	.63800	.00000
.260	14.240	.71950	.15040	.01800	.73450	-.03118	-.00380	.00000	.01100	.64300	.00000
.260	16.270	.83070	.20240	.01280	.85420	-.03848	-.00310	.00130	.01100	.64600	.00000
.260	18.310	.91700	.26880	.00660	.95500	-.03262	.00070	.00340	.00400	.64900	.00000
	GRADIENT	.04328	-.00061	.00384	.04418	-.00216	.00003	.00041	-.00059	-.03487	.00000

OA124 B26C9 M16 W116E43V8R5TC8X9TR2 (RFB032) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -16.000

RUN NO. 32/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.41260	.06820	-.00950	.41770	.00630	-.01550	.01280	.33200	.66000	.00000
.260	-15.020	.41910	.05660	.00010	.42320	-.00118	-.02300	.01490	.28400	.65200	.00000
.260	-10.000	.39860	.05930	.01120	.40300	.00246	-.02390	.01600	.21200	.64100	.00000
.260	-5.020	.39470	.06940	.01510	.40060	.01305	-.01110	.01080	.10200	.63800	.00000
.260	-2.520	.39090	.07200	.01730	.39720	.01617	-.00680	.00580	.05600	.63600	.00000
.260	.010	.38580	.07460	.02130	.39250	.01940	-.00420	.00130	.01000	.63200	.00000
.260	2.450	.38370	.07320	.02200	.39020	.01839	-.00080	-.00300	-.03400	.63100	.00000
.260	4.970	.38670	.06940	.02090	.39260	.01416	.00350	-.00810	-.08300	.63200	.00000
.260	9.960	.40360	.05860	.01030	.40790	.00106	.01670	-.01670	-.18900	.64200	.00000
.260	14.990	.42350	.05850	.00150	.42750	-.00194	.01640	-.01520	-.26500	.65000	.00000
.260	19.990	.41970	.06540	-.01110	.42470	.00546	.01130	-.01580	-.31300	.66100	.00000
	GRADIENT	-.00093	.00005	.00065	-.00092	.00018	.00141	-.00167	-.01844	-.00058	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB033) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -7.000

RUN NO. 33/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.040	-.09780	.05850	.01680	-.09990	.05505	-.00110	.00280	.00500	.71400	.00000
.260	-.020	-.01480	.05200	.02450	-.01480	.05208	-.00100	.00260	.00400	1.25900	.00000
.260	2.020	.07500	.05080	.03010	.07680	.04811	-.00120	.00340	.00400	.50700	.00000
.260	4.040	.16860	.05420	.03290	.17200	.04225	-.00140	.00440	.00200	.58100	.00000
.260	6.070	.27340	.05960	.03130	.27810	.03034	-.00120	.00470	.00000	.61000	.00000
.260	8.120	.37990	.07050	.03030	.38600	.01616	-.00200	.00360	.00300	.62300	.00000
.260	10.140	.48220	.08700	.03280	.49000	.00080	-.00290	.00260	.00600	.62700	.00000
.260	12.170	.59310	.11150	.03340	.60330	-.01608	-.00270	.00210	.00600	.63100	.00000
.260	14.220	.71270	.14600	.03210	.72670	-.03352	-.00220	.00160	.00700	.63500	.00000
.260	16.270	.82360	.19730	.03030	.84590	-.04141	-.00160	.00270	.00700	.63800	.00000
.260	18.290	.91640	.26740	.02330	.95400	-.03370	.00230	.00450	.00000	.64300	.00000
	GRADIENT	.04384	-.00970	.00266	.04474	-.00209	-.00005	.00028	-.00044	-.05696	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB034) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -7.000

RUN NO. 34/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.42870	.06510	-.03440	.43360	.00385	-.01550	.01360	.03200	.68100	.00000
.260	-15.010	.42970	.05840	-.01390	.43370	-.00301	-.02180	.01560	.28000	.66400	.00000
.260	-9.980	.40090	.05760	.01170	.40500	.00038	-.02250	.01780	.20700	.64100	.00000
.260	-5.020	.39320	.06670	.02290	.39870	.01051	-.00920	.01270	.09700	.63000	.00000
.260	-2.500	.38960	.06890	.02610	.39550	.01316	-.00470	.00820	.04900	.62700	.00000
.260	.010	.38190	.07130	.03010	.38820	.01660	-.00230	.00340	.00500	.62300	.00000
.260	2.460	.38150	.06980	.03050	.38760	.01518	.00080	-.00050	-.04000	.62300	.00000
.260	4.980	.38340	.06660	.02880	.38900	.01177	.00470	-.00620	-.08700	.62400	.00000
.260	9.980	.40910	.05560	.00910	.41290	-.00281	.01820	-.01530	-.19400	.64400	.00000
.260	14.990	.43280	.05730	-.01310	.43650	-.00451	.01780	-.01480	-.26900	.66300	.00000
.260	20.010	.43380	.06650	-.03600	.43890	.00448	.01130	-.01460	-.31400	.68200	.00000
	GRADIENT	-.00111	.00003	.00065	-.00109	.00018	.00133	-.00186	-.01831	-.00064	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB035) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 35/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.020	-.11260	.06380	.03910	-.11480	.05977	-.00120	.00280	.00500	.77700	.00000
.260	-.010	-.03020	.05680	.04950	-.03030	.05688	-.00120	.00230	.00600	1.25400	.00000
.260	2.010	.03590	.05580	.05560	.05790	.05382	-.00190	.00310	.00500	.29800	.00000
.260	4.040	.15220	.05800	.05860	.15600	.04715	-.00130	.00470	.00200	.51300	.00000
.260	6.070	.25590	.06280	.05760	.26110	.03542	-.00140	.00460	.00100	.57000	.00000
.260	8.110	.36300	.07250	.05730	.36960	.02063	-.00190	.00390	.00300	.59500	.00000
.260	10.140	.46510	.08890	.06010	.47350	.00561	-.00280	.00270	.00600	.60500	.00000
.260	12.160	.57710	.11290	.06050	.58800	-.01121	-.00270	.00220	.00600	.61400	.00000
.260	14.210	.69360	.14700	.05000	.70840	-.02774	-.00190	.00190	.00500	.62000	.00000
.260	16.240	.80430	.19870	.05810	.82780	-.03425	-.00130	.00280	.00800	.62600	.00000
.260	18.290	.90030	.26910	.05240	.93930	-.02707	.00190	.00410	.00100	.63100	.00000
	GRADIENT	.04359	-.00091	.00320	.04459	-.00203	-.00005	.00032	-.00050	-.08660	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB036) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6600 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 36/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.40600	.06560	.00190	.41120	.00760	-.01530	.01210	.33400	.65000	.00000
.260	-14.990	.41060	.05880	.01740	.41480	.00016	-.02210	.01390	.28400	.63600	.00000
.260	-10.000	.38470	.06000	.03740	.38930	.00505	-.02260	.01630	.21000	.61600	.00000
.260	-5.010	.37400	.06900	.04950	.38000	.01548	-.00920	.01220	.09700	.60400	.00000
.260	-2.510	.37150	.07160	.05180	.37790	.01841	-.00480	.00760	.04900	.60100	.00000
.260	-.020	.36540	.07370	.05660	.37210	.02138	-.00240	.00340	.00500	.59600	.00000
.260	2.450	.36440	.07200	.05550	.37090	.01966	.00020	-.00110	-.03700	.59700	.00000
.260	4.980	.36580	.06900	.05460	.37180	.01666	.00430	-.00640	-.08500	.59800	.00000
.260	9.990	.39080	.05780	.03480	.39500	.00199	.01780	-.01520	-.19300	.61900	.00000
.260	14.990	.41490	.05840	.01670	.41900	-.00088	.01760	-.01510	-.26700	.63700	.00000
.260	20.000	.41180	.06690	-.00120	.41710	.00803	.01080	-.01490	-.31200	.65300	.00000
	GRADIENT	-.00094	.00002	.00056	-.00094	.00015	.00128	-.00184	-.01804	-.00064	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB039) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6600 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 39/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.010	.01820	.03830	.01290	.01820	.03831	-.01210	-.00670	.32800	.39100	.00000
.260	-15.020	.01200	.03960	.02330	.01200	.03968	-.01570	.00130	.26900	-.06300	.00000
.260	-10.000	-.00290	.04840	.03260	-.00290	.04844	-.01650	.01030	.18900	4.72200	.00000
.260	-5.010	-.01920	.05590	.04370	-.01920	.05593	-.00740	.00990	.09000	1.48600	.00000
.260	-2.510	-.02100	.05680	.04670	-.02100	.05689	-.00310	.00660	.04400	1.47100	.00000
.260	.010	-.02330	.05720	.04820	-.02330	.05723	-.00160	.00180	.00800	1.41000	.00000
.260	2.470	-.02200	.05880	.04720	-.02200	.05887	-.00190	-.00390	-.02400	1.43800	.00000
.260	4.980	-.01510	.05660	.04120	-.01510	.05662	.00160	-.00360	-.07000	1.65400	.00000
.260	9.990	.00600	.04820	.02790	.00610	.04824	.01110	-.01060	-.16800	-1.03400	.00000
.260	15.010	.02020	.04010	.01970	.02020	.04013	.01060	-.00380	-.24600	.29200	.00000
.260	20.020	.02860	.03480	.00770	.02860	.03483	.01180	.00660	-.32000	.55200	.00000
	GRADIENT	.00029	.00014	-.00018	.00029	.00013	.00077	-.00174	-.01555	.01212	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB040) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 40/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLH	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.20920	.04300	.00810	.21170	.02804	-.01300	.00240	.32900	.63700	.00000
.260	-15.020	.20940	.03850	.02030	.21160	.02353	-.01940	.00560	.27800	.61600	.00000
.260	-10.000	.19400	.04750	.03010	.19690	.03364	-.01710	.01400	.19100	.59500	.00000
.260	-5.020	.17040	.05320	.05030	.17380	.04107	-.00940	.00860	.10000	.54500	.00000
.260	-2.500	.16420	.05460	.05430	.16760	.04283	-.00340	.00700	.04700	.53200	.00000
.260	.000	.16080	.05860	.05700	.16450	.04713	-.00110	.00450	.00100	.52400	.00000
.260	2.470	.16670	.05760	.05350	.17030	.04575	-.00010	.00000	-.03700	.53600	.00000
.260	4.990	.17600	.05430	.04830	.17940	.04175	.00350	-.00440	-.08200	.55200	.00000
.260	9.990	.19960	.04660	.02730	.20240	.03240	.01210	-.01220	-.17700	.60200	.00000
.260	15.010	.22110	.03730	.01690	.22320	.02157	.01650	-.00800	-.26000	.62400	.00000
.260	20.010	.22280	.04200	.00290	.22520	.02605	.01180	-.00350	-.31600	.64700	.00000
	GRADIENT	.00055	.00021	-.00019	.00055	.00017	.00117	-.00132	-.01793	.00072	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB041) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 41/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLH	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.020	.41020	.06670	.00140	.41360	.00800	-.01490	.01220	.33100	.65000	.00000
.260	-15.010	.41570	.05990	.01650	.42000	.00032	-.02210	.01490	.28100	.63700	.00000
.260	-10.010	.39080	.05920	.03740	.39530	.00340	-.02370	.01550	.21200	.61700	.00000
.260	-5.020	.38100	.06990	.04930	.38700	.01531	-.00910	.01180	.09700	.60500	.00000
.260	-2.510	.37630	.07220	.05180	.38280	.01832	-.00500	.00760	.05000	.60200	.00000
.260	.020	.37020	.07430	.05730	.37700	.02122	-.00240	.00310	.00500	.59600	.00000
.260	2.470	.36840	.07210	.05640	.37490	.01937	.00030	-.00090	-.03900	.59600	.00000
.260	4.990	.36890	.06920	.05470	.37500	.01643	.00450	-.00640	-.08600	.59800	.00000
.260	9.990	.39680	.05770	.03470	.40100	.00095	.01790	-.01520	-.19300	.62000	.00000
.260	15.010	.42090	.05940	.01620	.42510	-.00078	.01740	-.01540	-.26500	.63800	.00000
.260	20.040	.41830	.06770	-.00160	.42370	.00779	.01140	-.01620	-.31400	.65300	.00000
	GRADIENT	-.00129	-.00006	.00062	-.00128	.00013	.00131	-.00180	-.01820	-.00080	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB042) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 42/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.020	.63510	.12480	-.01900	.64710	-.01216	-.01350	.02050	.32800	.66200	.00000
.260	-15.010	.62610	.11070	.01090	.63530	-.02398	-.01920	.02170	.28100	.64500	.00000
.260	-10.010	.61570	.10840	.03160	.62470	-.02409	-.02260	.02190	.20800	.63300	.00000
.260	-5.010	.59250	.11160	.05600	.60270	-.01583	-.01230	.01320	.10200	.61700	.00000
.260	-2.510	.59370	.11250	.05540	.60400	-.01527	-.00790	.00620	.05600	.61800	.00000
.260	.010	.58280	.11420	.06220	.59380	-.01127	-.00340	.00140	.00900	.61300	.00000
.260	2.460	.58350	.11240	.06010	.59410	-.01319	.00140	-.00360	-.03800	.61400	.00000
.260	4.980	.58570	.10780	.05910	.59530	-.01810	.00690	-.00860	-.08800	.61500	.00000
.260	9.990	.61180	.10480	.03100	.62010	-.02664	.01510	-.02020	-.19000	.63300	.00000
.260	15.010	.63000	.10390	.01430	.63770	-.03141	.01850	-.02370	-.27400	.64300	.00000
.260	20.020	.63350	.12110	-.01810	.64480	-.01541	.01080	-.02450	-.31200	.66200	.00000
	GRADIENT	-.00096	-.00031	.00044	-.00099	-.00010	.00191	-.00214	-.01900	-.00032	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR2 (RFB043) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 43/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.030	.84490	.22090	-.03220	.87290	-.02462	-.00770	.02430	.32200	.66500	.00000
.260	-15.040	.84360	.20550	.00050	.86740	-.03902	-.01770	.02810	.28000	.65100	.00000
.260	-10.020	.83140	.20310	.02650	.85500	-.03781	-.02380	.02940	.21000	.64000	.00000
.260	-5.040	.80320	.20430	.05600	.82820	-.02862	-.00810	.01840	.09600	.62700	.00000
.260	-2.520	.80990	.20740	.05430	.83560	-.02760	-.00310	.01080	.04900	.62800	.00000
.260	-.030	.80950	.20820	.05780	.83550	-.02664	.00120	.00360	.00400	.62600	.00000
.260	2.460	.80870	.20060	.06090	.83250	-.03374	.00350	-.00510	-.03800	.62500	.00000
.260	4.970	.80250	.19860	.06220	.82600	-.03390	.00500	-.01430	-.08200	.62400	.00000
.260	9.969	.82230	.19460	.03350	.84390	-.04340	.01660	-.02880	-.19300	.63700	.00000
.260	15.000	.85280	.19670	.00220	.87370	-.05004	.01580	-.02900	-.27400	.65100	.00000
.260	20.010	.85690	.21590	-.03950	.88310	-.03280	.00360	-.02750	-.30400	.66800	.00000
	GRADIENT	-.00010	-.00073	.00076	-.00030	-.00067	.00131	-.00325	-.01772	-.00036	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR2 (RFB044) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 44/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.030	.01800	.03970	.01220	.01800	.03970	-.01110	-.00750	.32600	.40200	.00000
.260	-15.010	.01380	.03900	.02160	.01389	.03908	-.01370	.00130	.26400	.07700	.00000
.260	-10.020	-.00120	.04770	.03070	-.00120	.04772	-.01530	.01070	.18800	9.60100	.00000
.260	-5.040	-.01810	.05560	.04320	-.01810	.05566	-.00630	.00990	.08800	1.52600	.00000
.260	-2.520	-.02090	.05690	.04750	-.02090	.05690	-.00260	.00660	.04300	1.48500	.00000
.260	-.020	-.02160	.05730	.04830	-.02180	.05737	-.00180	.00220	.00800	1.46600	.00000
.260	2.450	-.02170	.05860	.04700	-.02170	.05868	-.00260	-.00360	-.02300	1.44800	.00000
.260	4.970	-.01530	.05680	.04080	-.01530	.05681	.00020	-.00640	-.06700	1.63100	.00000
.260	9.970	.00690	.04740	.02670	.00690	.04748	.00950	-.00990	-.16700	-.75300	.00000
.260	14.980	.02180	.03930	.01840	.02180	.03934	.00970	-.00310	-.24500	.34200	.00000
.260	20.000	.02880	.03460	.00810	.02890	.03467	.01130	.00590	-.31800	.54800	.00000
	GRADIENT	.00019	.00016	-.00021	.00019	.00015	.00052	-.00171	-.01505	.00693	.00000

OA124 B26C9 M16 W116E43V8R5TC10X9TR2 (RFB045) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 45/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.030	.21000	.04290	.00910	.21250	.02798	-.01300	.00260	.32900	.63600	.00000
.260	-15.040	.21050	.03780	.02000	.21270	.02286	-.01810	.00660	.27600	.61700	.00000
.260	-10.020	.19450	.04730	.03050	.19730	.03350	-.01550	.01380	.18900	.59500	.00000
.260	-5.020	.17190	.05390	.04990	.17530	.04171	-.00840	.00910	.09800	.54700	.00000
.260	-2.510	.16340	.05480	.05440	.16680	.04315	-.00280	.00730	.04500	.53200	.00000
.260	.000	.16030	.05910	.05750	.16400	.04764	-.00140	.00470	.00100	.52300	.00000
.260	4.970	.17730	.05450	.04830	.18070	.04188	.00280	-.00380	-.08200	.55300	.00000
.260	9.970	.20020	.04630	.02710	.20300	.03223	.01080	-.01180	-.17500	.60300	.00000
.260	14.990	.22130	.03740	.01570	.22340	.02161	.01520	-.00760	-.25800	.62600	.00000
.260	20.010	.22170	.04240	.00300	.22420	.02660	.01220	-.00370	-.31600	.64700	.00000
	GRADIENT	.00071	.00009	-.00023	.00071	.00004	.00104	-.00132	-.01783	.00085	.00000

OA124 B26C9 M16 W116E43V8R5TC12X9CH1 (RFB046) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 46/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.00310	.03640	.02390	.00310	.03645	-.01320	-.00820	.33100	-2.13000	.00000
.260	-14.990	-.00230	.03730	.03330	-.00240	.03739	-.01520	.00060	.26700	5.76600	.00000
.260	-9.980	-.01640	.04520	.03920	-.01640	.04525	-.01600	.01040	.18900	1.53200	.00000
.260	-5.010	-.03100	.05300	.05120	-.03100	.05307	-.00620	.00960	.08700	1.25800	.00000
.260	-2.490	-.03720	.05350	.05520	-.03720	.05353	-.00290	.00550	.04600	1.19800	.00000
.260	.000	-.03510	.05440	.05490	-.03510	.05448	-.00130	.00200	.00800	1.22800	.00000
.260	2.470	-.03550	.05620	.05310	-.03550	.05622	-.00260	-.00380	-.02200	1.20200	.00000
.260	4.990	-.02840	.05390	.04800	-.02840	.05392	.00040	-.00630	-.06700	1.27400	.00000
.260	9.980	-.00750	.04550	.03620	-.00750	.04558	.01000	-.00920	-.16700	2.41100	.00000
.260	14.980	.00610	.03800	.02920	.00610	.03804	.01060	-.00280	-.24400	-1.08400	.00000
.260	19.990	.01430	.03250	.01800	.01430	.03257	.01350	.00790	-.32200	.18900	.00000
	GRADIENT	.00028	.00018	-.00034	.00028	.00018	.00054	-.00165	-.01507	.00144	.00000

OA124 B26C9 M16 W116E43V8R5TC12X9CH1 (RFB047) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 47/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.19260	.03930	.01870	.19490	.02564	-.01350	.00070	.33000	.61600	.00000
.260	-14.990	.19430	.03460	.02940	.19630	.02076	-.01930	.00620	.27700	.59600	.00000
.260	-9.980	.17900	.04370	.03600	.18170	.03096	-.01580	.01320	.18900	.57900	.00000
.260	-5.000	.15560	.04930	.05630	.15870	.03840	-.00840	.00870	.09800	.52100	.00000
.260	-2.490	.14790	.05090	.06010	.15110	.04039	-.00290	.00690	.04600	.50500	.00000
.260	.010	.14410	.05480	.06260	.14770	.04456	-.00130	.00450	.00200	.49500	.00000
.260	2.480	.15250	.05360	.05840	.15590	.04277	-.00060	.00010	-.03600	.51400	.00000
.260	4.990	.16350	.05080	.05370	.15670	.03914	.00270	-.00390	-.08000	.53300	.00000
.260	9.960	.18580	.04320	.03410	.18840	.02999	.01050	-.01120	-.17300	.58500	.00000
.260	14.990	.20510	.03410	.02530	.20700	.01948	.01560	-.00730	-.25700	.60700	.00000
.260	20.000	.20530	.03900	.01310	.20750	.02441	.01260	-.00220	-.31700	.62800	.00000
	GRADIENT	.00082	.00021	-.00028	.00083	.00016	.00098	-.00128	-.01756	.00132	.00000

OA124 B26C9 M16 W116E43V8R5TC12X9CM1 (RFB048) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 48/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.39690	.06150	.00940	.40160	.00487	-.01620	.01130	.33400	.64300	.00000
.260	-15.000	.40120	.05450	.02390	.40490	-.00256	-.02180	.01380	.28100	.63000	.00000
.260	-9.980	.37900	.05500	.04360	.38300	.00096	-.02240	.01490	.21000	.61000	.00000
.260	-5.010	.36930	.06540	.05420	.37480	.01270	-.00930	.01160	.09500	.59800	.00000
.260	-2.510	.36440	.06780	.05670	.37040	.01573	-.00430	.00760	.04800	.59500	.00000
.260	-.010	.35600	.06920	.06130	.36220	.01829	-.00210	.00340	.00400	.58900	.00000
.260	2.470	.35760	.06760	.06080	.36350	.01652	.00000	-.00060	-.03800	.59000	.00000
.260	4.970	.35990	.06440	.05900	.36540	.01301	.00310	-.00620	-.08300	.59200	.00000
.260	9.950	.36300	.05330	.04080	.36870	-.00129	.01660	-.01450	-.19000	.61300	.00000
.260	14.970	.40710	.05500	.02330	.41080	-.00301	.01680	-.01490	-.26300	.63100	.00000
.260	19.980	.40530	.06410	.00580	.41030	.00619	.01230	-.01490	-.31400	.64600	.00000
	GRADIENT	-.00103	-.00009	.00055	-.00103	.00006	.00109	-.00176	-.01772	-.00068	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB049) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 49/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.02500	.04380	.01140	.02500	.04382	-.01810	-.00640	.34200	.48300	.00000
.260	-14.980	.01910	.04360	.02180	.01910	.04564	-.02220	.00250	.28200	.23200	.00000
.260	-9.990	.00790	.05270	.02760	.00790	.05273	-.02310	.01190	.20300	-.63400	.00000
.260	-5.010	-.00900	.06020	.04110	-.00900	.06029	-.01070	.01010	.09700	2.33300	.00000
.260	-2.500	-.01850	.06000	.04760	-.01850	.06004	-.00530	.00540	.05100	1.59500	.00000
.260	.000	-.01490	.06160	.04750	-.01490	.06165	-.00150	.00200	.00700	1.82000	.00000
.260	2.470	-.01440	.06350	.04600	-.01440	.06350	-.00020	-.00370	-.02900	1.82600	.00000
.260	4.970	-.00540	.06110	.03940	-.00540	.06113	.00450	-.00670	-.07600	3.32300	.00000
.260	9.970	.01860	.05290	.02390	.01860	.05298	.01720	-.01080	-.18200	.17900	.00000
.260	14.970	.02760	.04630	.01940	.02760	.04635	.01840	-.00450	-.26200	.39300	.00000
.260	19.990	.03590	.04100	.00880	.03590	.04101	.01800	.00610	-.33300	.56100	.00000
	GRADIENT	.00045	.00021	-.00020	.00045	.00021	.00142	-.00171	-.01709	.08853	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB050) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 50/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.21880	.04900	.00720	.22180	.03333	-.02000	.00400	.34400	.64000	.00000
.260	-14.970	.21860	.04560	.01890	.22130	.03000	-.02740	.00790	.29500	.62000	.00000
.260	-9.990	.20460	.03340	.02620	.20790	.03882	-.02370	.01450	.20800	.60500	.00000
.260	-5.020	.18150	.03950	.04620	.18520	.04654	-.01240	.00930	.10500	.56000	.00000
.260	-2.510	.17470	.06040	.05060	.17860	.04798	-.00560	.00740	.05100	.54700	.00000
.260	-.010	.16990	.06450	.05380	.17400	.05240	-.00190	.00450	.00300	.53800	.00000
.260	2.450	.17700	.06300	.05080	.18110	.05041	.00160	.00020	-.04200	.54800	.00000
.260	4.970	.18680	.06010	.04580	.19050	.04682	.00670	-.00430	-.08900	.56300	.00000
.260	9.980	.21080	.05200	.02420	.21400	.03700	.01860	-.01260	-.19200	.61000	.00000
.260	15.000	.22560	.04510	.01740	.22820	.02903	.02360	-.00860	-.27500	.62300	.00000
.260	20.000	.22650	.04890	.00410	.22940	.03272	.01840	-.00440	-.33000	.64500	.00000
	GRADIENT	.00052	.00015	-.00502	.00052	.00012	.00182	-.00138	-.01937	.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB051) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 51/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.41830	.07500	.00080	.42470	.01512	-.02200	.01380	.34600	.65100	.00000
.260	-14.990	.42390	.06750	.01370	.42920	.00691	-.02960	.01460	.29500	.64000	.00000
.260	-9.990	.40150	.06770	.03360	.40710	.01028	-.02930	.01640	.22400	.62100	.00000
.260	-5.010	.39140	.07690	.04590	.39840	.02084	-.01300	.01220	.10600	.60900	.00000
.260	-2.510	.38730	.07900	.04860	.39460	.02356	-.00720	.00790	.05500	.60600	.00000
.260	.000	.38020	.08050	.05410	.38780	.02602	-.00270	.00330	.00500	.60000	.00000
.260	2.480	.37930	.07900	.05270	.38660	.02474	.00220	-.00150	-.04200	.60100	.00000
.260	4.980	.38150	.07610	.05170	.38840	.02154	.00750	-.00670	-.09300	.60300	.00000
.260	9.980	.40680	.06560	.03160	.41200	.00744	.02360	-.01620	-.20400	.62300	.00000
.260	14.990	.42920	.05830	.01360	.43460	.00688	.02430	-.01570	-.28000	.64000	.00000
.260	20.010	.42420	.07670	-.00100	.43080	.01598	.01770	-.01710	-.32700	.65300	.00000
	GRADIENT	-.00111	-.00006	.00063	-.00112	.00010	.00202	-.00189	-.01982	-.00068	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB052) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 52/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.63980	.13280	-.01900	.65340	-.00531	-.02010	.02210	.34200	.66200	.00000
.260	-14.980	.63480	.12140	.00850	.64620	-.01535	-.02620	.02350	.29400	.64700	.00000
.260	-9.980	.62150	.11750	.03140	.63230	-.01636	-.02930	.02270	.22100	.63300	.00000
.260	-5.010	.60280	.12000	.05170	.61460	-.00996	-.01610	.01490	.11000	.62100	.00000
.260	-2.500	.60590	.12110	.05130	.61780	-.00950	-.01020	.00660	.06000	.62100	.00000
.260	.010	.59450	.12240	.05590	.60700	-.00565	-.00320	.00180	.00800	.61700	.00000
.260	2.460	.59740	.12050	.05380	.60940	-.00825	.00390	-.00340	-.04300	.61900	.00000
.260	4.980	.60030	.11740	.05280	.61160	-.01187	.01110	-.00890	-.09700	.62000	.00000
.260	10.000	.62060	.11380	.02980	.63070	-.01967	.02120	-.02140	-.20100	.63400	.00000
.260	14.990	.63680	.11370	.01200	.64650	-.02332	.02480	-.02420	-.28700	.64500	.00000
.260	20.000	.63780	.12980	-.01820	.65080	-.00776	.01640	-.02540	-.32300	.66200	.00000
	GRADIENT	-.00054	-.00023	.00019	-.00058	-.00011	.00275	-.00224	-.02073	-.00016	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB053) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 53/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.09740	.06770	.03830	-.09970	.06422	-.00230	.00310	.00600	.79300	.00000
.260	.000	-.01100	.06230	.04660	-.01100	.06233	-.00200	.00340	.00500	2.29400	.00000
.260	2.020	.07240	.06070	.05500	.07450	.05812	-.00300	.00340	.00700	.38000	.00000
.260	4.030	.16720	.06350	.05620	.17120	.05160	-.00250	.00480	.00400	.53100	.00000
.260	6.070	.27160	.06940	.05490	.27740	.04032	-.00300	.00420	.00500	.57900	.00000
.260	8.110	.37800	.08030	.05430	.38560	.02619	-.00370	.00310	.00700	.60000	.00000
.260	10.140	.48120	.09670	.05680	.49070	.01055	-.00380	.00270	.00800	.60900	.00000
.260	12.180	.59450	.12240	.05670	.60690	-.00575	-.00350	.00220	.00700	.61700	.00000
.260	14.220	.71290	.15080	.05580	.73010	-.02111	-.00280	.00210	.00800	.62400	.00000
.260	16.270	.81320	.21220	.05370	.84010	-.02405	.00070	.00420	.00300	.62800	.00000
.260	18.280	.91570	.28410	.04640	.95860	-.01755	.00170	.00330	.00000	.63400	.00000
	GRADIENT	.04342	-.00070	.00308	.04446	-.00208	-.00008	.00025	-.00020	-.12890	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9CH2 (RFB054) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 54/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.01750	.03860	.01020	.01750	.03861	-.00900	-.00520	.31800	.43600	.00000
.260	-14.990	.01270	.03880	.01870	.01270	.03882	-.01220	.00270	.25700	.11000	.00000
.260	-9.990	-.00370	.04570	.02740	-.00370	.04577	-.01420	.01210	.18300	3.37100	.00000
.260	-5.020	-.01980	.05340	.03850	-.01980	.05346	-.00500	.01110	.08300	1.36500	.00000
.260	-2.500	-.02450	.05400	.04240	-.02450	.05409	-.00160	.00710	.04000	1.28800	.00000
.260	.000	-.02050	.05520	.04140	-.02050	.05521	-.00020	.00350	.00200	1.39200	.00000
.260	2.470	-.02340	.05660	.04180	-.02340	.05669	-.00170	-.00290	-.02600	1.31000	.00000
.260	4.980	-.01760	.05460	.03750	-.01760	.05467	.00060	-.00630	-.06900	1.43600	.00000
.260	9.980	.00450	.04510	.02480	.00450	.04513	.00940	-.00910	-.16900	-1.35100	.00000
.260	14.980	.01810	.03840	.01610	.01810	.03849	.00820	-.00340	-.24100	.32300	.00000
.260	20.000	.02850	.03260	.00530	.02850	.03263	.00980	.00710	-.31700	.58300	.00000
	GRADIENT	.00022	.00020	-.00010	.00022	.00020	.00045	-.00179	-.01482	.00557	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9CH2 (RFB055) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 55/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.20870	.04220	.00500	.21110	.02738	-.01020	.00310	.32100	.64300	.00000
.260	-14.970	.20910	.03670	.01670	.21110	.02190	-.01700	.00760	.27100	.62200	.00000
.260	-10.000	.19280	.04480	.02640	.19550	.03114	-.01390	.01480	.18300	.60200	.00000
.260	-5.010	.17110	.05070	.04310	.17430	.03858	-.00630	.01010	.09100	.56100	.00000
.260	-2.460	.16100	.05180	.04940	.16420	.04033	-.00150	.00790	.04100	.54100	.00000
.260	-.010	.15800	.05570	.05180	.16150	.04445	-.00020	.00490	.00000	.53400	.00000
.260	2.470	.16510	.05430	.04830	.16850	.04276	.00000	.00020	-.03800	.54600	.00000
.260	4.990	.17280	.05200	.04300	.17610	.03976	.00230	-.00440	-.08000	.56200	.00000
.260	9.990	.19690	.04430	.02390	.19950	.03034	.01040	-.01180	-.17500	.60700	.00000
.260	15.010	.21560	.03470	.01420	.21750	.01941	.01450	-.00680	-.25700	.62800	.00000
.260	20.000	.21760	.03870	.00190	.21980	.02323	.01100	-.00280	-.31600	.64800	.00000
	GRADIENT	.00030	.00021	-.00005	.00031	.00019	.00075	-.00147	-.01689	.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9CH2 (RF8056) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 55/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.40950	.06530	-.00050	.41470	.00673	-.01270	.01350	.32400	.65200	.00000
.260	-13.000	.41270	.05750	.01490	.41670	-.00135	-.01960	.01490	.27700	.63800	.00000
.260	-9.990	.39000	.05770	.03350	.39430	.00208	-.02030	.01650	.20400	.62000	.00000
.260	-5.000	.38080	.06770	.04270	.38660	.01329	-.00690	.01210	.09200	.61100	.00000
.260	-2.500	.37380	.06990	.04570	.38000	.01649	-.00320	.00810	.04500	.60700	.00000
.260	.000	.37030	.07170	.05090	.37670	.01876	-.00130	.00360	.00200	.60200	.00000
.260	2.480	.36860	.07040	.04990	.37490	.01775	.00020	-.00110	-.03800	.60300	.00000
.260	4.990	.36930	.06770	.04970	.37520	.01490	.00310	-.00630	-.08400	.60300	.00000
.260	9.980	.39360	.05580	.03180	.39750	-.00035	.01590	-.01510	-.18900	.62200	.00000
.260	14.990	.41640	.05690	.01410	.42030	-.00255	.01550	-.01410	-.26300	.63900	.00000
.260	20.010	.41400	.06650	-.00250	.41920	.00734	.00970	-.01560	-.30900	.65400	.00000
	GRADIENT	-.00113	.00002	.00073	-.00112	.00018	.00094	-.00184	-.01743	-.00080	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RF8057) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 57/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.040	-.12050	.09150	.04670	-.12370	.08717	-.00030	.00360	.00000	.79100	.00000
.260	-.010	-.03200	.08650	.05080	-.03200	.08655	-.00040	.00410	.00000	1.23500	.00000
.260	2.000	.03130	.08550	.05520	.05430	.08370	-.00230	.00350	.00400	.27800	.00000
.260	4.030	.14960	.08840	.05550	.15550	.07765	-.00260	.00550	.00400	.52000	.00000
.260	6.070	.25290	.09420	.05400	.26150	.06697	-.00290	.00500	.00400	.57600	.00000
.260	8.100	.35980	.10480	.05140	.37100	.05306	-.00250	.00360	.00400	.60100	.00000
.260	10.130	.46310	.12110	.05320	.47720	.03772	-.00360	.00250	.00800	.61100	.00000
.260	12.160	.57380	.14550	.05480	.59160	.02137	-.00330	.00160	.00700	.61800	.00000
.260	14.200	.69370	.17920	.05320	.71640	.00343	-.00320	.00170	.01000	.62400	.00000
.260	16.250	.79970	.23110	.05120	.83250	-.00196	.00150	.00390	.00000	.62900	.00000
.260	18.290	.89880	.29670	.04820	.94650	-.00040	.00260	.00300	-.00100	.63300	.00000
	GRADIENT	.04420	-.00051	.00152	.04569	-.00155	-.00043	.00025	.00079	-.08728	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RFB058) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 58/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.00620	.06860	.01880	.00620	.06863	-.01070	-.00500	.32300	-.46100	.00000
.260	-15.000	-.00280	.07210	.03160	-.00280	.07210	-.01730	.00430	.27000	4.74000	.00000
.260	-9.980	-.01610	.08010	.03520	-.01610	.08015	-.01690	.01150	.18800	1.45600	.00000
.260	-5.000	-.03250	.08700	.05040	-.03250	.08708	-.01020	.01020	.09600	1.22100	.00000
.260	-2.500	-.03310	.08760	.05360	-.03310	.08763	-.00590	.00780	.04900	1.24700	.00000
.260	.020	-.03350	.08700	.05220	-.03350	.08703	-.00050	.00380	.00100	1.22500	.00000
.260	2.460	-.03350	.08840	.05080	-.03350	.08843	.00090	-.00260	-.03500	1.21000	.00000
.260	4.990	-.02860	.08760	.04750	-.02860	.08762	.00570	-.00630	-.08200	1.26200	.00000
.260	9.980	-.00980	.07990	.03410	-.00990	.07996	.01130	-.00850	-.17400	1.92100	.00000
.260	15.000	.00060	.07130	.03200	.00060	.07135	.01350	-.00600	-.25400	-16.31100	.00000
.260	20.010	.00940	.06340	.02100	.00940	.06343	.01020	.00570	-.31800	-.17000	.00000
	GRADIENT	.00030	.00008	-.00034	.00030	.00007	.00155	-.00174	-.01765	.00182	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RFB059) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 59/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.19460	.07030	.01370	.19910	.05634	-.01090	.00430	.32300	.62600	.00000
.260	-15.000	.19610	.06960	.02630	.20060	.05558	-.02130	.00980	.28000	.60300	.00000
.260	-9.990	.17980	.08000	.03170	.18500	.06714	-.01760	.01440	.19200	.58800	.00000
.260	-5.000	.15900	.08500	.04940	.16460	.07362	-.01150	.00960	.10400	.54100	.00000
.260	-2.500	.15070	.08550	.05600	.15630	.07468	-.00590	.00760	.05200	.52000	.00000
.260	.000	.14580	.09000	.05820	.15180	.07950	-.00280	.00490	.00500	.51000	.00000
.260	2.470	.15580	.08820	.05170	.16160	.07703	.00160	.00100	-.04500	.53400	.00000
.260	4.990	.16390	.08560	.04660	.16950	.07386	.00530	-.00390	-.08800	.55000	.00000
.260	10.000	.17900	.08000	.03340	.18420	.06715	.01110	-.01190	-.17600	.58500	.00000
.260	14.980	.19870	.06840	.02780	.20300	.05413	.01820	-.00920	-.26600	.60100	.00000
.260	20.000	.20110	.06800	.01450	.20540	.05363	.01050	-.00500	-.31400	.62600	.00000
	GRADIENT	.00060	.00016	-.00040	.00060	.00011	.00165	-.00135	-.01928	.00128	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RFB060) (04 DEC 74)

REFERENCE DATA

SREF =	2689.8300 SQ.FT.	XMRP =	1076.6800 INCHES		
LREF =	474.8100 INCHES	YMRP =	.0000 INCHES		
BREF =	936.6800 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ALPHA =	8.000	ELV-L =	.000
ELV-R =	.000	RUDDER =	.000
SPDBRK =	25.000	DHORIZ =	-20.000

RUN NO. 60/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.39300	.09240	.00740	.40220	.03588	-.01090	.01360	.32100	.64500	.00000
.260	-14.985	.39580	.08810	.02220	.40430	.03121	-.02320	.01670	.28400	.63100	.00000
.260	-9.990	.37280	.09130	.03580	.38200	.03771	-.02360	.01610	.21100	.61600	.00000
.260	-5.010	.36550	.09990	.04520	.37590	.04716	-.01080	.01200	.10000	.60700	.00000
.260	-2.500	.36170	.10300	.04950	.37270	.05088	-.00520	.00750	.05000	.60300	.00000
.260	.000	.35480	.10490	.05390	.36600	.05374	-.00190	.00320	.00400	.59700	.00000
.260	2.460	.35610	.10360	.05120	.36710	.05233	.00140	-.00110	-.04100	.60000	.00000
.260	4.990	.36130	.10010	.04700	.37180	.04802	.00660	-.00650	-.09200	.60500	.00000
.260	9.990	.37920	.09010	.03340	.38820	.03555	.02010	-.01380	-.20100	.62000	.00000
.260	15.000	.40220	.08790	.02040	.41060	.03014	.02160	-.01550	-.27900	.63300	.00000
.260	20.010	.40520	.09220	.00300	.41410	.03390	.01030	-.01640	-.31100	.64900	.00000
	GRADIENT	-.00056	.00005	.00021	-.00055	.00013	.00166	-.00183	-.01903	-.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RFB061) (04 DEC 74)

REFERENCE DATA

SREF =	2689.8300 SQ.FT.	XMRP =	1076.6800 INCHES		
LREF =	474.8100 INCHES	YMRP =	.0000 INCHES		
BREF =	936.6800 INCHES	ZMRP =	375.0000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ALPHA =	12.000	ELV-L =	.000
ELV-R =	.000	RUDDER =	.000
SPDBRK =	25.000	DHORIZ =	-20.000

RUN NO. 61/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.61300	.14680	-.00810	.63020	.01406	-.01030	.02210	.31600	.65600	.00000
.260	-14.980	.61410	.13770	.01190	.62940	.00492	-.02230	.02350	.28500	.64500	.00000
.260	-9.980	.60090	.13810	.03030	.61660	.00818	-.02420	.02100	.21200	.63400	.00000
.260	-5.000	.58320	.14080	.04930	.59980	.01458	-.01380	.01260	.10700	.62100	.00000
.260	-2.500	.58630	.14300	.05070	.60320	.01605	-.00910	.00590	.05800	.62100	.00000
.260	.000	.57760	.14640	.05430	.59550	.02130	-.00240	.00110	.00700	.61800	.00000
.260	2.470	.57810	.14520	.05300	.59570	.02004	.00480	-.00360	-.04700	.61900	.00000
.260	4.990	.57880	.13970	.05070	.59530	.01450	.00960	-.00810	-.09500	.62000	.00000
.260	10.000	.59480	.13580	.03010	.61000	.00721	.01700	-.02000	-.19400	.63300	.00000
.260	14.990	.61290	.13060	.01550	.62670	-.00177	.02060	-.02360	-.27800	.64300	.00000
.260	20.010	.61500	.14430	-.00820	.63160	.01117	.00920	-.02460	-.30900	.65600	.00000
	GRADIENT	-.00068	-.00000	.00020	-.00066	.00015	.00243	-.00294	-.02049	-.00016	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB1 (RFB062) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 62/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.83170	.24090	-.02780	.86590	-.00162	-.00350	.02680	.30800	.66300	.00000
.260	-15.000	.83360	.22690	-.00070	.86380	-.01563	-.01700	.02870	.27500	.65200	.00000
.260	-9.990	.82260	.22760	.02040	.85340	-.01172	-.02080	.02770	.20300	.64300	.00000
.260	-5.000	.79840	.23150	.04910	.83130	-.00110	-.00630	.01710	.09200	.63000	.00000
.260	-2.500	.80310	.23350	.05020	.83630	-.00047	-.00300	.01020	.04800	.63000	.00000
.260	.000	.80400	.23510	.05240	.83770	.00068	.00160	.00330	.00300	.62900	.00000
.260	2.480	.80100	.22710	.05690	.83260	-.00509	.00350	-.00490	-.04000	.62600	.00000
.260	5.040	.79410	.22330	.05580	.82540	-.00589	.00380	-.01380	-.08000	.62700	.00000
.260	9.990	.80980	.21950	.03000	.83880	-.01591	.01570	-.02700	-.19100	.63800	.00000
.260	14.980	.83520	.22040	.00000	.86350	-.02228	.01680	-.02850	-.27500	.65200	.00000
.260	20.010	.83550	.23670	-.03210	.86840	-.00672	.00190	-.02560	-.29900	.66500	.00000
	GRADIENT	-.00043	-.00075	.00080	-.00062	-.00061	.00106	-.00307	-.01724	-.00049	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB2 (RFB063) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 63/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.11010	.07970	.04210	-.11290	.07582	.00049	.00360	-.00200	.78900	.00000
.260	.000	-.02200	.07370	.04620	-.02200	.07377	.00000	.00400	-.00100	1.42300	.00000
.260	2.010	.06230	.07270	.05220	.06480	.07046	-.00200	.00360	.00400	.35500	.00000
.260	4.030	.15930	.07500	.05320	.16420	.06359	-.00120	.00520	.00000	.53200	.00000
.260	6.080	.26250	.08050	.05240	.26950	.05227	-.00140	.00470	.00000	.58000	.00000
.260	8.110	.36610	.09120	.05250	.37540	.03866	-.00240	.00340	.00400	.60000	.00000
.260	10.150	.46950	.10740	.05500	.48110	.02297	-.00280	.00240	.00500	.61000	.00000
.260	12.180	.57950	.13200	.05660	.59430	.00678	-.00320	.00150	.00600	.61700	.00000
.260	14.210	.69970	.16700	.05520	.71930	-.00997	-.00220	.00150	.00700	.62300	.00000
.260	16.240	.80480	.22360	.05220	.83520	-.01046	.00130	.00440	.00100	.62900	.00000
.260	18.300	.90570	.29030	.04630	.95100	-.00889	.00140	.00310	.00000	.63400	.00000
	GRADIENT	.04421	-.00075	.00195	.04547	-.00198	-.00034	.00022	.00054	-.09081	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB2 (RFB064) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 64/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.02170	.05340	.00840	.02170	.05344	-.01350	-.00460	.32600	.50900	.00000
.260	-14.990	.00990	.05630	.02250	.00990	.05638	-.01500	.00330	.26200	-.18000	.00000
.260	-9.990	-.00140	.06570	.02780	-.00140	.06576	-.01680	.01190	.18900	7.95100	.00000
.260	-4.990	-.01990	.07290	.04480	-.01990	.07295	-.00790	.01050	.08900	1.47800	.00000
.260	-2.490	-.02050	.07440	.04680	-.02050	.07444	-.00410	.00800	.04400	1.49100	.00000
.260	.000	-.01990	.07360	.04520	-.01990	.07369	-.00090	.00340	.00300	1.48500	.00000
.260	2.460	-.02630	.07650	.04980	-.02630	.07651	.00110	-.00300	-.03500	1.34900	.00000
.260	4.990	-.01900	.07420	.04390	-.01900	.07421	.00380	-.00650	-.07700	1.50200	.00000
.260	9.980	.00550	.06440	.02580	.00550	.06447	.01170	-.00920	-.17400	-1.05300	.00000
.260	15.000	.01910	.05600	.01890	.01910	.05606	.01070	-.00450	-.24500	.28800	.00000
.260	20.020	.02940	.04860	.00460	.02940	.04864	.01220	.00550	-.31900	.59400	.00000
	GRADIENT	-.00016	.00019	.00005	-.00016	.00018	.00115	-.00181	-.01650	-.00371	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB2 (RFB065) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 65/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.21360	.05830	.00150	.21720	.04305	-.01500	.00430	.33000	.64900	.00000
.260	-14.990	.20890	.05500	.01820	.21220	.04007	-.02020	.00930	.27700	.62000	.00000
.260	-9.980	.19300	.06510	.02540	.19720	.05135	-.01630	.01460	.18800	.60400	.00000
.260	-5.010	.17070	.07140	.04510	.17530	.05923	-.00800	.00970	.09500	.55700	.00000
.260	-2.490	.16380	.07230	.05010	.16850	.06055	-.00320	.00740	.04500	.54200	.00000
.260	.000	.15890	.07570	.05150	.16390	.06430	-.00150	.00470	.00200	.53600	.00000
.260	2.480	.16690	.07420	.04770	.17170	.06219	.00000	.00040	-.03900	.54900	.00000
.260	4.980	.17570	.07100	.04270	.18030	.05842	.00360	-.00430	-.08400	.56400	.00000
.260	9.990	.19720	.06430	.02230	.20120	.05021	.01070	-.01250	-.17300	.61100	.00000
.260	14.990	.21780	.05360	.01380	.22100	.03805	.01760	-.00860	-.26300	.62900	.00000
.260	20.010	.22170	.05680	-.00120	.22520	.04099	.01390	-.00460	-.32100	.65400	.00000
	GRADIENT	.00052	.00004	-.00029	.00053	.00000	.00106	-.00140	-.01772	.00084	.00000

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OA124 B26C9 M16 W116E43V8R5TC11X9DB2 (RFB066) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 66/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.41520	.08400	-.00750	.42290	.02444	-.01600	.01390	.33200	.65800	.00000
.260	-15.000	.41200	.07550	.01300	.41850	.01646	-.02470	.01600	.28700	.64000	.00000
.260	-9.990	.38950	.07770	.03210	.39650	.02187	-.02150	.01640	.20500	.62200	.00000
.260	-5.010	.37990	.08760	.04330	.38850	.03307	-.00770	.01230	.09300	.61100	.00000
.260	-2.500	.37440	.09040	.04740	.38350	.03665	-.00390	.00770	.04600	.60600	.00000
.260	.000	.36700	.09170	.05200	.37630	.03755	-.00220	.00310	.00500	.60100	.00000
.260	2.470	.36880	.09050	.05010	.37790	.03755	-.00070	-.00150	-.03500	.60300	.00000
.260	4.990	.37210	.08700	.04630	.38060	.03360	.00300	-.00580	-.08300	.60700	.00000
.260	9.990	.39360	.07500	.02890	.40030	.01865	.01740	-.01480	-.19200	.62500	.00000
.260	14.990	.41750	.07430	.01180	.42380	.01473	.02010	-.01610	-.27200	.64100	.00000
.260	20.010	.42360	.08490	-.00840	.43140	.02407	.01370	-.01740	-.31700	.65900	.00000
	GRADIENT	-.00085	-.00004	.00035	-.00086	.00008	.00099	-.00190	-.01734	-.00044	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9DB2 (RFB067) (04 DEC 74)

REFERENCE DATA

SREF = 2689.6300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 67/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.63590	.14150	-.02390	.65150	.00394	-.01510	.02220	.32700	.66500	.00000
.260	-15.010	.62640	.12680	.00600	.63910	-.00844	-.02080	.02360	.28200	.64800	.00000
.260	-9.980	.61340	.12470	.02630	.62590	-.00769	-.02140	.02230	.20300	.63600	.00000
.260	-5.000	.59150	.12810	.05060	.60520	.00041	-.01090	.01350	.09800	.62100	.00000
.260	-2.500	.59320	.13000	.05130	.60730	.00187	-.00690	.00630	.05300	.62100	.00000
.260	.000	.58340	.13200	.05680	.59810	.00586	-.00270	.00160	.00800	.61700	.00000
.260	2.470	.58510	.13170	.05210	.59980	.00522	.00040	-.00390	-.03500	.62000	.00000
.260	4.980	.58850	.12650	.04930	.60190	-.00052	.00520	-.00860	-.08400	.62200	.00000
.260	10.000	.61320	.12160	.02250	.62510	-.01064	.01420	-.02040	-.18600	.63800	.00000
.260	14.990	.63040	.11870	.00730	.64120	-.01714	.01880	-.02380	-.27400	.64700	.00000
.260	20.010	.63490	.13760	-.02130	.64970	.00026	.01260	-.02530	-.31600	.66400	.00000
	GRADIENT	-.00057	-.00006	-.00007	-.00057	.00006	.00158	-.00218	-.01813	.00004	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9OB2 (RFB068) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 85.000 DHORIZ = -20.000

RUN NO. 68/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.84700	.23860	-.03900	.88000	-.00817	-.00840	.02700	.31900	.66800	.00000
.260	-14.980	.85040	.22180	-.00840	.87850	-.02531	-.01710	.02940	.27500	.65500	.00000
.260	-10.000	.83310	.21880	.01850	.86100	-.02323	-.02290	.02910	.20800	.64400	.00000
.260	-5.020	.80440	.22160	.05050	.83430	-.01240	-.00660	.01830	.09100	.62900	.00000
.260	-2.500	.80980	.22490	.05020	.84040	-.01074	-.00290	.01100	.04800	.63000	.00000
.260	.000	.80750	.22390	.05340	.83790	-.01091	.00100	.00380	.00400	.62800	.00000
.260	2.460	.80870	.21680	.05610	.83700	-.01813	.00290	-.00500	-.03500	.62700	.00000
.260	4.970	.80310	.21520	.05550	.83120	-.01816	.00430	-.01400	-.08000	.62700	.00000
.260	10.010	.82540	.21120	.02480	.85160	-.02828	.01630	-.02360	-.19200	.64100	.00000
.260	14.980	.85440	.21250	-.00470	.87970	-.03532	.01560	-.02900	-.27300	.65400	.00000
.260	19.990	.85830	.23230	-.04540	.88920	-.01749	.00530	-.02710	-.30600	.67000	.00000
	GRADIENT	-.00015	-.00084	.00064	-.00038	-.00076	.00111	-.00323	-.01704	-.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB069) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 69/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.09740	.06130	.03440	-.09950	.05780	.00000	.00310	.00000	.77900	.00000
.260	.000	-.01440	.05540	.04410	-.01440	.05546	.00000	.00210	.00100	1.77500	.00000
.260	2.020	.07500	.05490	.04940	.07690	.05226	-.00040	.00280	.00000	.41500	.00000
.260	4.050	.17380	.05680	.05120	.17740	.04439	.00030	.00470	-.00300	.54500	.00000
.260	6.080	.27720	.06310	.05010	.28240	.03336	.00000	.00410	-.00200	.58600	.00000
.260	8.120	.38250	.07420	.05050	.38910	.01950	-.00050	.00300	.00000	.60400	.00000
.260	10.140	.48650	.09170	.05250	.49500	.00461	-.00170	.00210	.00300	.61300	.00000
.260	12.180	.59870	.11720	.05160	.61000	-.01175	-.00210	.00130	.00400	.62100	.00000
.260	14.230	.71830	.15460	.05000	.73420	-.02678	-.00180	.00110	.00500	.62700	.00000
.260	16.260	.82580	.21220	.04650	.85220	-.02752	.00150	.00370	.00100	.63200	.00000
.260	18.300	.92460	.28130	.04170	.96610	-.02325	.00240	.00250	.00000	.63600	.00000
	GRADIENT	.04457	-.00959	.00275	.04551	-.00214	.00002	.00027	-.00049	-.10159	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB070) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 70/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.03170	.04020	.01090	.03170	.04024	-.00540	-.01030	.31300	.52400	.00000
.260	-15.030	.02430	.04260	.01950	.02430	.04263	-.01030	-.00250	.25300	.35600	.00000
.260	-10.010	.01270	.04670	.02200	.01270	.04670	-.01600	.00920	.18600	.01600	.00000
.260	-5.040	-.00450	.05360	.03480	-.00450	.05359	-.00730	.00970	.08700	3.45800	.00000
.260	-2.520	-.00620	.05590	.04000	-.00620	.05595	-.00270	.00770	.04000	3.00260	.00000
.260	-.030	-.01010	.05560	.04260	-.01010	.05569	.00000	.00240	.00100	2.20000	.00000
.260	2.440	-.01010	.05630	.04170	-.01010	.05638	.00140	-.00330	-.03400	2.16400	.00000
.260	4.960	-.00330	.05460	.03530	-.00340	.05461	.00470	-.00680	-.07700	4.48000	.00000
.260	9.970	.01930	.04570	.02020	.01930	.04575	.01340	-.00820	-.17700	.26600	.00000
.260	14.965	.03140	.04370	.01780	.03140	.04370	.00660	.00040	-.23500	.44300	.00000
.260	19.980	.04100	.03700	.00780	.04100	.03707	.00400	.01090	-.30300	.58200	.00000
	GRADIENT	-.00006	.00010	.00011	-.00007	.00009	.00113	-.00176	-.01611	.04853	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB071) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 71/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.010	.22240	.04660	.00640	.22520	.03074	-.00610	-.00090	.31300	.64100	.00000
.260	-15.020	.22220	.04240	.01720	.22470	.02658	-.01410	.00270	.26400	.62300	.00000
.260	-10.000	.21010	.04650	.02030	.21290	.03148	-.01780	.01290	.19200	.61600	.00000
.260	-5.030	.18770	.05330	.04070	.19100	.03989	-.00930	.00890	.09800	.57300	.00000
.260	-2.520	.17860	.05490	.04630	.18200	.04218	-.00380	.00740	.04600	.55800	.00000
.260	-.030	.17690	.05810	.04960	.18060	.04544	.00020	.00500	-.00200	.55000	.00000
.260	2.440	.18250	.05720	.04650	.18610	.04422	.00230	.00050	-.04500	.56000	.00000
.260	4.960	.19130	.05400	.04090	.19470	.04037	.00620	-.00450	-.08900	.57400	.00000
.260	9.970	.21280	.04660	.01990	.21560	.03139	.01420	-.01140	-.18300	.61800	.00000
.260	14.960	.22970	.04230	.01420	.23220	.02596	.01160	-.00380	-.24800	.62900	.00000
.260	19.990	.23190	.04610	.00280	.23460	.02957	.00430	.00020	-.30000	.64700	.00000
	GRADIENT	.00044	.00015	.00002	.00046	.00012	.00149	-.00135	-.01865	.00016	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB072) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 72/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.010	.43090	.07440	-.00520	.43710	.01275	-.00840	.01050	.31500	.65600	.00000
.260	-15.030	.43250	.06580	.00790	.43740	.00396	-.01910	.01120	.27500	.64500	.00000
.260	-10.020	.41040	.06280	.02640	.41520	.00423	-.02400	.01470	.21100	.62800	.00000
.260	-5.030	.39850	.07130	.03990	.40460	.01433	-.01000	.01190	.09700	.61500	.00000
.260	-2.530	.39430	.07390	.04360	.40080	.01754	-.00560	.00770	.05100	.61200	.00000
.260	-.010	.38640	.07450	.04930	.39300	.01923	-.00110	.00320	.00200	.60500	.00000
.260	2.450	.38470	.07340	.04960	.39120	.01831	.00250	-.00180	-.04300	.60500	.00000
.260	4.960	.38790	.07080	.04610	.39400	.01533	.00650	-.00730	-.09000	.60900	.00000
.260	9.960	.40910	.06150	.02680	.41370	.00311	.01800	-.01490	-.19200	.62800	.00000
.260	14.970	.43400	.06560	.00900	.43890	.00358	.01320	-.01190	-.25500	.64400	.00000
.260	19.980	.43230	.07670	-.00470	.43880	.01481	.00360	-.01300	-.29500	.65600	.00000
	GRADIENT	-.00123	-.00006	.00074	-.00123	.00011	.00165	-.00192	-.01875	-.00076	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB073) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 73/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.64940	.13170	-.02320	.66260	-.00847	-.00780	.01690	.31400	.66500	.00000
.260	-15.010	.64050	.11820	.00400	.65100	-.01982	-.01570	.01930	.27100	.64900	.00000
.260	-10.000	.62970	.11300	.02670	.63940	-.02257	-.02310	.02040	.20600	.63600	.00000
.260	-5.030	.61240	.11460	.04520	.62270	-.01733	-.01310	.01310	.10300	.62500	.00000
.260	-2.500	.61400	.11590	.04560	.62460	-.01643	-.00790	.00630	.05600	.62500	.00000
.260	-.020	.60960	.11690	.04990	.62050	-.01445	-.00110	.00240	.00500	.62200	.00000
.260	2.460	.60930	.11620	.04630	.62010	-.01508	.00430	-.00390	-.04200	.62400	.00000
.260	4.970	.60870	.11290	.04520	.61880	-.01819	.00960	-.00980	-.09200	.62500	.00000
.260	9.970	.62740	.11000	.02510	.63650	-.02507	.01760	-.02110	-.19300	.63700	.00000
.260	14.970	.64290	.11160	.00700	.65190	-.02689	.01360	-.02040	-.26100	.64800	.00000
.260	19.990	.64880	.13200	-.02330	.66200	-.00821	.00180	-.02210	-.29200	.66500	.00000
	GRADIENT	-.00048	-.00012	.00003	-.00049	-.00001	.00231	-.00224	-.01955	-.00004	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB074) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = .000 DHORIZ = -20.000

RUN NO. 74/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.86310	.22910	-.03900	.89280	-.02186	.00020	.02460	.30100	.66800	.00000
.260	-15.030	.85470	.20950	-.00820	.87910	-.03819	-.01380	.02740	.26800	.65500	.00000
.260	-10.010	.83740	.20750	.02220	.86200	-.03528	-.02340	.02900	.20800	.64200	.00000
.260	-5.030	.82540	.21090	.04410	.85150	-.02852	-.00940	.01850	.09800	.63300	.00000
.260	-2.510	.83000	.21350	.04500	.85660	-.02729	-.00350	.01070	.04900	.63200	.00000
.260	-.010	.82850	.21390	.04650	.85520	-.02656	.00170	.00340	.00300	.63200	.00000
.260	2.460	.83120	.20600	.04920	.85560	-.03488	.00480	-.00550	-.04000	.63000	.00000
.260	4.980	.82060	.20460	.05030	.84510	-.03316	.00830	-.01510	-.08800	.63000	.00000
.260	9.960	.83680	.20130	.02670	.85970	-.04100	.01740	-.02780	-.19200	.64000	.00000
.260	14.970	.86960	.20630	-.00770	.89260	-.04556	.01200	-.02490	-.26400	.65500	.00000
.260	19.990	.86480	.23010	-.04780	.89460	-.02129	-.00800	-.02230	-.27600	.67100	.00000
	GRADIENT	-.00034	-.00080	.00066	-.00055	-.00067	.00175	-.00334	-.01845	-.00032	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB075) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 85.000 DHORIZ = -20.000

RUN NO. 75/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.12730	.12140	.06190	-.13150	.11688	-.00060	.00270	.00200	.82500	.00000
.260	-.010	-.04270	.11340	.06860	-.04270	.11340	.00020	.00380	.00000	1.24300	.00000
.260	2.000	.04090	.10960	.07570	.04470	.10817	.00000	.00420	.00000	.92900	.00000
.260	4.040	.13530	.11010	.07940	.14280	.10029	.00070	.00570	-.00500	.44700	.00000
.260	6.060	.23790	.11330	.08030	.24850	.08754	.00070	.00530	-.00300	.53300	.00000
.260	8.120	.34360	.12130	.08110	.35730	.07158	.00120	.00500	-.00400	.56800	.00000
.260	10.130	.44560	.13620	.08490	.46260	.05567	.00050	.00420	-.00100	.58400	.00000
.260	12.160	.55350	.15990	.08830	.57480	.03971	-.00010	.00300	.00000	.59500	.00000
.260	14.210	.66450	.19450	.08900	.69200	.02539	-.00100	.00130	.00400	.60400	.00000
.260	16.230	.76940	.24330	.09320	.80680	.01851	.00190	.00190	.00000	.60900	.00000
.260	18.280	.87650	.31930	.08050	.93240	.02817	.00310	.00130	-.00100	.62000	.00000
	GRADIENT	.04310	-.00186	.00295	.04502	-.00272	.00018	.00047	-.00104	-.11580	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB076) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 85.000 DHORIZ = -20.000

RUN NO. 76/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.010	.01690	.06860	.01450	.01690	.06865	-.03980	.00060	.38500	.33400	.00000
.260	-15.010	.00300	.07970	.03720	.00300	.07970	-.03470	.00560	.30800	-3.89300	.00000
.260	-10.010	-.02400	.10120	.05490	-.02400	.10120	-.02100	.00960	.19600	1.49300	.00000
.260	-5.040	-.04020	.11200	.06730	-.04020	.11208	-.00820	.00900	.08800	1.26700	.00000
.260	-2.520	-.04250	.11420	.06880	-.04250	.11419	-.00130	.00570	.03600	1.24700	.00000
.260	-.040	-.04490	.11390	.07000	-.04490	.11394	-.00020	.00270	.00200	1.22600	.00000
.260	2.440	-.04150	.11400	.06790	-.04150	.11403	.00050	-.00100	-.03200	1.25300	.00000
.260	4.970	-.03590	.11330	.06460	-.03590	.11338	.00520	-.00530	-.07700	1.31300	.00000
.260	9.960	-.01310	.09840	.05040	-.01310	.09845	.02060	-.00840	-.19200	2.06400	.00000
.260	14.970	.01130	.07850	.03360	.01140	.07854	.03230	-.00810	-.29300	-.43400	.00000
.260	20.000	.02410	.06270	.01220	.02410	.06278	.04060	-.00960	-.38100	.46600	.00000
	GRADIENT	.00039	.00010	-.00025	.00039	.00010	.00115	-.00141	-.01594	.00393	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB077) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 85.000 DHORIZ = -20.000

RUN NO. 77/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.40160	.09600	.00770	.41120	.03828	-.04140	.01960	.38600	.64500	.00000
.260	-15.010	.39790	.09790	.03570	.40770	.04067	-.03900	.01740	.32000	.61900	.00000
.260	-10.000	.36530	.11060	.06280	.37730	.05791	-.02600	.01450	.21500	.59000	.00000
.260	-5.020	.33090	.12180	.07450	.36460	.07111	-.00890	.01010	.09500	.57600	.00000
.260	-2.510	.34640	.12290	.07780	.36030	.07282	-.00290	.00510	.04500	.57200	.00000
.260	-.010	.34580	.12230	.08060	.35960	.07226	.00060	.00430	.00000	.56900	.00000
.260	2.480	.34680	.12070	.07980	.36040	.07060	.00370	.00090	-.04600	.57000	.00000
.260	4.980	.34780	.11810	.07860	.36090	.06786	.00830	-.00460	-.09500	.57100	.00000
.260	9.970	.36670	.10920	.06350	.37850	.05631	.02200	-.01520	-.20100	.59000	.00000
.260	14.980	.40270	.09610	.03420	.41220	.03824	.03450	-.01940	-.30300	.62100	.00000
.260	20.020	.40880	.09520	.00440	.41810	.03643	.03820	-.02340	-.36900	.64800	.00000
	GRADIENT	-.00023	-.00038	.00041	-.00029	-.00035	.00164	-.00138	-.01885	-.00048	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR3 (RFB078) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 16.300
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000
DHORIZ = -20.000

RUN NO. 78/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.000	-.07050	.07940	.03020	-.07330	.07695	-.00020	.00350	.00100	.89400	.00000
.260	.000	.01250	.07430	.04050	.01250	.07429	-.00020	.00310	.00100	-.53700	.00000
.260	2.040	.10550	.07530	.04380	.10810	.07155	-.00030	.00490	.00000	.50200	.00000
.260	4.070	.20250	.07860	.04630	.20750	.06403	.00030	.00580	-.00300	.57000	.00000
.260	6.100	.30550	.08520	.04550	.31280	.05230	.00010	.00490	-.00250	.59800	.00000
.260	8.140	.40960	.09640	.04640	.41920	.03750	.00000	.00430	-.00100	.61100	.00000
.260	10.160	.51500	.11540	.04800	.52730	.02278	-.00050	.00350	.00100	.61800	.00000
.260	12.190	.63120	.14340	.04620	.64720	.00682	-.00110	.00240	.00300	.62500	.00000
.260	14.270	.74830	.18460	.04400	.77070	-.00560	-.00160	.00200	.00600	.63100	.00000
.260	16.270	.85470	.24510	.03760	.88910	-.00424	.00290	.00420	-.00100	.63600	.00000
.260	18.300	.95050	.31460	.03210	1.00130	.00015	.00210	.00110	.00000	.64000	.00000
	GRADIENT	.04504	-.00007	.00254	.04633	-.00205	.00007	.00043	-.00064	.01757	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR3 (RFB079) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = 16.300
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000
DHORIZ = -20.000

RUN NO. 79/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.07240	.05160	-.01910	.07240	.05158	-.02940	-.00360	.36400	.74900	.00000
.260	-15.020	.06400	.05320	-.00260	.06410	.05324	-.02750	.00380	.29300	.66700	.00000
.260	-10.000	.04430	.06490	.01390	.04440	.06491	-.02280	.01200	.20200	.53600	.00000
.260	-5.020	.02420	.07330	.03110	.02430	.07328	-.00980	.01120	.09400	.18000	.00000
.260	-2.500	.01810	.07510	.03770	.01810	.07509	-.00355	.00830	.04200	-.11200	.00000
.260	.000	.01360	.07440	.04060	.01370	.07447	-.00010	.00300	.00200	-.43700	.00000
.260	2.470	.01770	.07620	.03820	.01770	.07624	.00160	-.00200	-.03600	-.13800	.00000
.260	4.980	.02540	.07380	.03150	.02550	.07381	.00560	-.00510	-.08100	.19700	.00000
.260	9.980	.05370	.06260	.01040	.05380	.06256	.01950	-.00950	-.19300	.58000	.00000
.260	14.980	.07240	.05260	-.00440	.07240	.05253	.02370	-.00400	-.27600	.67400	.00000
.260	20.020	.08440	.04550	-.02280	.08440	.04545	.02730	.00500	-.35400	.75100	.00000
	GRADIENT	.00008	.00008	.00005	.00008	.00009	.00144	-.00180	-.01714	.00020	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR3 (RFB080) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = 16.300
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000
DHORIZ = -20.000

RUN NO. 80/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.46710	.09210	-.03240	.47550	.02501	-.02920	.01530	.36200	.67700	.00000
.260	-15.000	.46760	.08410	-.01250	.47480	.01701	-.03230	.01450	.30500	.66100	.00000
.260	-9.990	.44100	.08460	.01410	.44860	.02137	-.02990	.01560	.22600	.64000	.00000
.260	-5.010	.42290	.09590	.03520	.43220	.03513	-.01120	.01240	.10100	.62200	.00000
.260	-2.490	.41730	.09760	.04030	.42690	.03765	-.00580	.00710	.05200	.61700	.00000
.260	.000	.41120	.09720	.04590	.42080	.03815	-.00050	.00330	.00200	.61100	.00000
.260	2.470	.41330	.09610	.04410	.42270	.03678	.00380	-.00100	-.04600	.61300	.00000
.260	4.990	.41720	.09380	.04020	.42630	.03390	.00850	-.00660	-.09500	.61700	.00000
.260	9.990	.44290	.08210	.01540	.45010	.01857	.02460	-.01620	-.20900	.63900	.00000
.260	15.010	.47110	.08370	-.01150	.47820	.01606	.02680	-.01560	-.28700	.66100	.00000
.260	20.020	.47290	.09330	-.03450	.48140	.02532	.02400	-.01750	-.34200	.67800	.00000
	GRADIENT	-.00062	-.00023	.00055	-.00064	-.00013	.00196	-.00185	-.01963	-.00056	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB081) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 81/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-1.990	.05160	.06650	-.03660	.04920	.06830	-.00030	.00250	.00200	.92600	.00000
.260	.030	.13510	.06520	-.03460	.13520	.06521	.00030	.00430	-.00100	.74600	.00000
.260	2.060	.23640	.06950	-.03130	.23870	.06104	-.00040	.00460	.00000	.70000	.00000
.260	4.090	.33810	.07670	-.02870	.34270	.05242	-.00020	.00460	-.00100	.68200	.00000
.260	6.110	.43680	.08760	-.02770	.44370	.04062	-.00120	.00350	.00100	.67500	.00000
.260	8.160	.53920	.10340	-.02640	.54840	.02583	-.00130	.00320	.00200	.66900	.00000
.260	10.190	.64730	.12790	-.02730	.65970	.01129	-.00250	.00260	.00500	.66700	.00000
.260	12.220	.76060	.15700	-.02770	.77660	-.00762	-.00260	.00200	.00700	.66500	.00000
.260	14.280	.87830	.20270	-.03180	.90120	-.02023	-.00250	.00200	.00800	.66500	.00000
.260	16.290	.97250	.26980	-.03320	1.00910	-.01389	.00370	.00760	-.00300	.66400	.00000
.260	18.350	1.05890	.34480	-.03340	1.11360	-.00611	.00970	.00150	.00200	.66300	.00000
	GRADIENT	.04740	.00172	.00133	.04855	-.00256	-.00002	.00033	-.00039	-.03836	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB082) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 82/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.17060	.05220	-.05870	.17060	.05219	-.01930	-.00590	.35000	.77800	.00000
.260	-14.980	.17890	.04860	-.05500	.17890	.04844	-.02470	.00290	.29100	.76500	.00000
.260	-9.990	.17070	.05860	-.05060	.17070	.05850	-.02290	.01190	.20500	.76100	.00000
.260	-4.990	.16130	.06390	-.04490	.16130	.06383	-.01120	.01070	.09800	.75400	.00000
.260	-2.490	.14450	.06380	-.03520	.14460	.06375	-.00540	.00660	.04900	.74400	.00000
.260	.000	.14180	.06720	-.03420	.14190	.06717	-.00150	.00330	.00300	.74100	.00000
.260	2.490	.15020	.06810	-.03770	.15030	.06806	.00210	-.00170	-.03900	.74400	.00000
.260	5.000	.16100	.06490	-.04350	.16100	.06478	.00510	-.00690	-.08100	.75100	.00000
.260	10.010	.17780	.05520	-.05480	.17780	.05510	.01660	-.01130	-.18800	.76500	.00000
.260	15.030	.18540	.04850	-.05800	.18540	.04832	.01900	-.00480	-.26900	.76700	.00000
.260	20.030	.17950	.04770	-.05950	.17960	.04759	.01820	.00590	-.33900	.77400	.00000
	GRADIENT	.00021	.00025	.00005	.00021	.00025	.00161	-.00174	-.01787	-.00024	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB083) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 83/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.35860	.06480	-.06190	.36230	.03905	-.02260	.00400	.35500	.71500	.00000
.260	-14.990	.37050	.05970	-.05570	.37390	.03308	-.02850	.00940	.30100	.70700	.00000
.260	-9.990	.36390	.06580	-.05110	.36770	.03960	-.02560	.01520	.21400	.70300	.00000
.260	-5.010	.35020	.07250	-.03780	.35450	.04736	-.01210	.00990	.10600	.69100	.00000
.260	-2.490	.34540	.07550	-.03360	.34990	.05062	-.00550	.00740	.05100	.68700	.00000
.260	.000	.34180	.07800	-.03040	.34650	.05340	-.00070	.00460	.00000	.68400	.00000
.260	2.480	.34070	.07670	-.02950	.34530	.05215	.00560	.00140	-.05300	.68300	.00000
.260	5.000	.34750	.07190	-.03420	.35180	.04691	.00910	-.00470	-.09800	.68700	.00000
.260	10.000	.36430	.06260	-.05150	.36780	.03643	.01970	-.01420	-.19800	.70300	.00000
.260	15.020	.37690	.05810	-.05940	.38010	.03098	.02290	-.01020	-.27900	.70900	.00000
.260	20.040	.36870	.06510	-.06340	.37250	.03852	.01920	-.00640	-.33800	.71400	.00000
	GRADIENT	-.00040	-.00000	.00045	-.00040	.00003	.00214	-.00141	-.02049	-.00048	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB084) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 64/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.000	.55800	.10330	-.06900	.56700	.02297	-.02340	.01800	.35400	.69500	.00000
.260	-15.000	.57180	.09180	-.05900	.57910	.00953	-.03110	.01740	.30600	.68900	.00000
.260	-9.980	.56260	.09160	-.04570	.56990	.01072	-.03070	.01930	.22700	.68100	.00000
.260	-5.010	.55100	.10110	-.03190	.55970	.02179	-.01200	.01470	.10300	.67300	.00000
.260	-2.470	.54730	.10300	-.03010	.55630	.02423	-.00630	.00810	.05300	.67200	.00000
.260	.020	.54070	.10410	-.02600	.55000	.02627	-.00170	.00230	.00600	.66900	.00000
.260	2.510	.53990	.10370	-.02560	.54910	.02602	.00400	-.00260	-.04500	.66900	.00000
.260	5.010	.53940	.10050	-.02600	.54820	.02287	.00950	-.00830	-.09700	.66900	.00000
.260	10.010	.56190	.08930	-.04830	.56890	.00858	.02270	-.02060	-.20500	.68300	.00000
.260	15.020	.57420	.08970	-.06150	.58110	.00710	.02380	-.01880	-.28400	.69100	.00000
.260	20.040	.55830	.10450	-.07240	.56750	.02414	.01790	-.02180	-.33200	.69900	.00000
	GRADIENT	-.00122	-.00002	.00065	-.00121	.00016	.00213	-.00227	-.01990	-.00044	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB085) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 65/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.76140	.16970	-.08220	.78010	.00452	-.02550	.01790	.35900	.69000	.00000
.260	-14.990	.76660	.16100	-.05910	.78330	-.00512	-.02930	.02370	.30500	.67900	.00000
.260	-9.990	.76810	.16365	-.04290	.78530	-.00281	-.03040	.02640	.22500	.67200	.00000
.260	-5.000	.77130	.16120	-.03210	.78800	-.00592	-.01620	.01620	.11000	.66700	.00000
.260	-2.480	.77470	.15900	-.03170	.79080	-.00869	-.00900	.00800	.05900	.66600	.00000
.260	.010	.76810	.15810	-.02670	.78420	-.00818	-.00290	.00140	.01000	.66400	.00000
.260	2.480	.76530	.15960	-.02880	.78180	-.00605	.00430	-.00520	-.04200	.66500	.00000
.260	5.010	.76380	.15790	-.02740	.77990	-.00745	.01120	-.01200	-.09500	.66500	.00000
.260	10.020	.77030	.15660	-.04440	.78600	-.01013	.02330	-.02620	-.20600	.67200	.00000
.260	15.040	.77170	.15540	-.06010	.78710	-.01159	.02520	-.02330	-.29300	.68000	.00000
.260	20.050	.76210	.16610	-.08260	.78000	.00091	.02040	-.02110	-.34200	.69100	.00000
	GRADIENT	-.00098	-.00024	.00049	-.00101	-.00002	.00273	-.00279	-.02046	-.00020	.00000

OA124 B26C9 M16 W116E43V8R5TC11X9TR3 (RFB086) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = 10.000
ELV-R = 10.000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = -20.000

RUN NO. 86/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-20.010	.99590	.28740	-.10710	1.03660	-.00379	-.01580	.03220	.33800	.69000	.00000
.260	-15.010	.98870	.27010	-.07280	1.02480	-.01835	-.02180	.03920	.28600	.67800	.00000
.260	-10.010	.98230	.26810	-.04890	1.01810	-.01835	-.03030	.03910	.22400	.66900	.00000
.260	-5.030	.97760	.27200	-.03250	1.01460	-.01326	-.01010	.02520	.10000	.66300	.00000
.260	-2.500	.97920	.27280	-.03160	1.01640	-.01305	-.00220	.01640	.04700	.66300	.00000
.260	.000	.97890	.27670	-.03130	1.01720	-.00920	.00440	.00750	-.00200	.66300	.00000
.260	2.470	.96340	.27880	-.02720	1.00300	-.00275	.00690	-.00410	-.04400	.66200	.00000
.260	4.990	.95570	.26860	-.02250	.99270	-.01028	.00640	-.01910	-.08400	.66000	.00000
.260	10.000	.97980	.26220	-.04560	1.01400	-.02338	.02400	-.03540	-.20800	.66800	.00000
.260	15.000	1.01020	.26290	-.07540	1.04340	-.03142	.02000	-.03340	-.28600	.67800	.00000
.260	20.030	1.00460	.28320	-.11110	1.04370	-.01030	.01060	-.02800	-.32400	.69100	.00000
	GRADIENT	-.00238	-.00003	.00097	-.00228	.00065	.00168	-.00436	-.01835	-.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB087) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = .000

RUN NO. 87/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.09460	.05700	-.00170	-.09650	.05368	-.00230	.00370	.00600	.64500	.00000
.260	.000	-.01440	.05100	.00650	-.01440	.05105	-.00220	.00260	.00800	.81700	.00000
.260	2.000	.07610	.04950	.01210	.07780	.04684	-.00100	.00440	.00300	.59400	.00000
.260	4.030	.17110	.05180	.01550	.17440	.03969	-.00020	.00620	-.00100	.61900	.00000
.260	6.070	.27520	.05750	.01490	.27970	.02807	-.00060	.00590	.00000	.63200	.00000
.260	8.100	.38840	.06850	.00950	.39420	.01303	-.00100	.00490	.00100	.64300	.00000
.260	10.149	.49410	.08570	.00940	.50140	-.00258	-.00190	.00410	.00400	.64500	.00000
.260	12.170	.60740	.11150	.00700	.61730	-.01912	-.00260	.00330	.00600	.64700	.00000
.260	14.230	.72720	.14860	.00150	.74140	-.03469	-.00350	.00180	.01000	.65100	.00000
.260	16.250	.84170	.20080	-.00280	.86430	-.04279	-.00260	.00260	.01000	.65300	.00000
.260	18.290	.94210	.27260	-.00910	.98000	-.03684	.00010	.00300	.00500	.65500	.00000
	GRADIENT	.04398	-.00085	.00283	.04484	-.00229	.00037	.00046	-.00129	-.01482	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB088) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = .000

RUN NO. 88/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.03050	.03940	-.03000	.03050	.03941	-.00220	-.00360	.30600	1.01400	.00000
.260	-14.970	.02740	.03360	-.01820	.02740	.03365	-.00760	.00190	.25100	.89600	.00000
.260	-9.970	.01470	.04110	-.01280	.01470	.04116	-.00930	.01120	.17500	.97400	.00000
.260	-4.990	-.00140	.04960	-.00230	-.00140	.04968	-.00310	.01050	.08000	.03800	.00000
.260	-2.480	-.00530	.05160	.00360	-.00530	.05167	-.00050	.00790	.03700	.90000	.00000
.260	.010	-.01310	.05120	.00780	-.01310	.05127	-.00190	.00200	.00800	.87100	.00000
.260	2.470	-.00210	.05200	-.00060	-.00220	.05204	-.00350	-.00220	-.02400	.54100	.00000
.260	4.990	.00680	.05010	-.00720	.00680	.05016	-.00330	-.00520	-.06100	1.04300	.00000
.260	9.990	.02650	.04050	-.01910	.02650	.04056	.00290	-.00780	-.15800	.91800	.00000
.260	15.010	.03740	.03400	-.02240	.03749	.03407	.00040	-.00190	-.22800	.87300	.00000
.260	20.010	.04250	.03230	-.03110	.04250	.03237	-.00030	.00960	-.29800	.92100	.00000
	GRADIENT	.00079	.00006	-.00056	.00078	.00005	-.00014	-.00167	-.01377	.06652	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB089) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = .000

RUN NO. 89/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.22190	.04440	-.02960	.22450	.02861	-.00270	.00050	.31100	.70000	.00000
.260	-14.980	.22610	.03510	-.01880	.22800	.01902	-.01050	.00710	.26000	.68200	.00000
.260	-9.970	.21050	.04300	-.01070	.21300	.02805	-.00880	.01380	.17800	.67000	.00000
.260	-5.000	.18750	.04830	.00450	.19040	.03499	-.00480	.00770	.09300	.64300	.00000
.260	-2.490	.17990	.05060	.01120	.18300	.03778	-.00090	.00730	.04200	.62900	.00000
.260	.000	.17270	.05420	.01660	.17610	.04188	-.00120	.00510	.00100	.61700	.00000
.260	2.480	.18610	.05370	.00710	.18940	.04041	-.00310	.00080	-.03200	.63800	.00000
.260	5.000	.19750	.05080	.00000	.20060	.03673	-.00230	-.00320	-.07200	.65200	.00000
.260	9.980	.21940	.04340	-.01750	.22190	.02763	.00240	-.01100	-.16000	.68100	.00000
.260	14.980	.23560	.03520	-.02190	.23750	.01846	.00380	-.00580	-.23800	.68600	.00000
.260	20.010	.23270	.04230	-.03000	.23510	.02571	-.00140	-.00050	-.29100	.69900	.00000
	GRADIENT	.00105	.00032	-.00052	.00107	.00024	.00011	-.00113	-.01618	.00198	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB090) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000 DHORIZ = .000

RUN NO. 90/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.42460	.06980	-.03410	.43030	.00909	-.00350	.01250	.30900	.68100	.00000
.260	-14.970	.43370	.05860	-.02190	.43760	-.00334	-.01150	.01370	.26500	.67000	.00000
.260	-9.960	.40380	.05710	-.00120	.40780	-.00047	-.01470	.01450	.19700	.65300	.00000
.260	-5.000	.40400	.06750	-.00120	.40950	.00979	-.00400	.01140	.08900	.65300	.00000
.260	-2.480	.39870	.06940	.00430	.40450	.01246	-.00150	.00780	.04500	.64800	.00000
.260	.010	.39480	.06990	.00860	.40070	.01345	-.00110	.00460	.00300	.64400	.00000
.260	2.470	.39590	.06940	.00570	.40180	.01284	-.00150	.00040	-.03500	.64600	.00000
.260	4.990	.39560	.06800	.00260	.40130	.01144	-.00280	-.00580	-.07200	.64900	.00000
.260	10.000	.41250	.05820	-.00660	.41660	-.00068	.00660	-.01400	-.17100	.65800	.00000
.260	15.000	.42930	.05870	-.01770	.43330	-.00257	.00440	-.01350	-.24200	.66700	.00000
.260	20.010	.42330	.06930	-.02860	.42880	.00869	-.00420	-.01370	-.28300	.67600	.00000
	GRADIENT	-.00079	.00004	.00036	-.00077	.00035	.00010	-.00168	-.01613	-.00040	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB091) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 91/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.64619	.12700	-.05200	.65840	-.01257	-.00120	.02030	.30600	.68100	.00000
.260	-14.980	.64190	.10910	-.02950	.65040	-.02918	-.00680	.01960	.26000	.66800	.00000
.260	-9.960	.63560	.10620	-.01750	.64370	-.03065	-.01350	.02070	.19200	.66200	.00000
.260	-4.980	.61840	.10960	.00060	.62760	-.02358	-.00590	.01260	.09200	.65100	.00000
.260	-2.490	.61780	.11180	.00290	.62750	-.02135	-.00410	.00640	.05000	.65000	.00000
.260	.000	.61020	.11250	.00780	.62020	-.01981	-.00220	.00250	.00800	.64700	.00000
.260	2.480	.60900	.11310	.00560	.61910	-.01820	-.00200	-.00330	-.03000	.64800	.00000
.260	4.990	.61160	.10920	.00190	.62090	-.02250	-.00090	-.00820	-.07200	.65100	.00000
.260	9.990	.63170	.10460	-.01770	.63950	-.03138	.00460	-.01950	-.17000	.66200	.00000
.260	15.000	.63970	.10280	-.02410	.64700	-.03478	.00370	-.02230	-.24700	.66500	.00000
.260	20.000	.63170	.12330	-.04150	.64350	-.01308	-.00700	-.02330	-.27800	.67500	.00000
	GRADIENT	-.00090	.00002	.00021	-.00087	.00021	.00049	-.00206	-.01638	-.00008	.00000

OA124 B26C9 M16 W116E43V8R5TC3X9 (RFB092) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 92/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.86630	.22590	-.07190	.89490	-.02583	.00710	.02590	.29100	.68100	.00000
.260	-14.980	.86480	.20550	-.04300	.88780	-.04507	-.00520	.02810	.25700	.66900	.00000
.260	-9.980	.85860	.20300	-.02760	.88110	-.04555	-.01260	.02810	.19200	.66300	.00000
.260	-5.010	.84040	.20590	-.00450	.86450	-.03757	-.00190	.01730	.08600	.65400	.00000
.260	-2.500	.84600	.20770	-.00340	.87030	-.03750	-.00020	.00950	.04500	.65300	.00000
.260	-.010	.84710	.20580	-.00160	.87080	-.03961	-.00060	.00180	.00900	.65200	.00000
.260	2.480	.84400	.20100	.00050	.86660	-.04340	-.00150	-.00550	-.02700	.65100	.00000
.260	4.990	.83760	.19690	.00040	.85930	-.04553	-.00200	-.01320	-.06700	.65100	.00000
.260	9.990	.84630	.19400	-.01860	.86680	-.05074	.00230	-.02790	-.16500	.66000	.00000
.260	15.010	.86990	.19430	-.03930	.88950	-.05718	-.00120	-.02700	-.24100	.66800	.00000
.260	19.990	.86930	.21820	-.06930	.89560	-.03406	-.01290	-.02660	-.27400	.68000	.00000
	GRADIENT	-.00030	-.00099	.00055	-.00056	-.00087	-.00006	-.00304	-.01513	-.00032	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB093) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 93/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.040	-.10680	.06030	.01050	-.10880	.05652	-.00220	.00370	.00600	.68700	.00000
.260	-.010	-.02750	.05350	.02120	-.02750	.05354	-.00280	.00260	.01000	.93600	.00000
.260	2.010	.06590	.05110	.02690	.06770	.04875	-.00180	.00480	.00400	.59500	.00000
.260	4.040	.16100	.05360	.03070	.16440	.04216	-.00170	.00610	.00200	.58300	.00000
.260	6.070	.26390	.05840	.03110	.26860	.03019	-.00150	.00600	.00200	.60900	.00000
.260	8.130	.36800	.06810	.03180	.37400	.01543	-.00200	.00480	.00400	.62000	.00000
.260	10.140	.47140	.08460	.03320	.47890	.00034	-.00290	.00400	.00700	.62600	.00000
.260	12.170	.58500	.10910	.03060	.59490	-.01672	-.00290	.00320	.00800	.63300	.00000
.260	14.210	.70570	.14550	.02480	.71980	-.03225	-.00360	.00150	.01100	.63900	.00000
.260	16.250	.82140	.19670	.01900	.84370	-.04101	-.00300	.00220	.01100	.64300	.00000
.260	18.300	.92160	.26770	.01080	.95910	-.03531	-.00030	.00300	.00600	.64800	.00000
	GRADIENT	.04426	-.00111	.00327	.04515	-.00236	.00012	.00046	-.00089	-.03662	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB094) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 94/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	-.00020	.03970	.00630	-.00020	.03972	-.00410	-.00880	.31100	9.07800	.00000
.260	-14.990	-.01040	.03700	.02020	-.01040	.03705	-.00690	.00100	.25000	1.36400	.00000
.260	-9.980	-.01750	.04370	.02100	-.01750	.04375	-.01060	.01050	.17800	1.09300	.00000
.260	-5.010	-.02560	.05180	.02430	-.02560	.05186	-.00430	.01020	.08300	1.00100	.00000
.260	-2.500	-.02190	.05400	.02190	-.02190	.05408	-.00200	.00780	.04000	1.01900	.00000
.260	-.010	-.02670	.05310	.02260	-.02670	.05319	-.00200	.00230	.00800	.96300	.00000
.260	2.450	-.02320	.05370	.02030	-.02320	.05373	-.00210	-.00180	-.02600	.97300	.00000
.260	4.980	-.01960	.05270	.01900	-.01960	.05278	-.00220	-.00540	-.06300	1.00800	.00000
.260	9.980	-.00500	.04350	.01360	-.00500	.04355	.00400	-.00710	-.15900	1.65300	.00000
.260	14.970	.00080	.03730	.01720	.00080	.03738	.00120	-.00110	-.23000	-6.38900	.00000
.260	19.990	.00910	.03300	.00630	.00910	.03304	.00100	.01070	-.30000	.39600	.00000
	GRADIENT	.00043	.00006	-.00049	.00043	.00006	.00016	-.00164	-.01436	-.00127	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB095) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 95/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.19580	.04300	-.00080	.19840	.02908	-.00450	.00000	.31400	.65300	.00000
.260	-15.000	.19490	.03500	.01280	.19690	.02117	-.01150	.00620	.26300	.62800	.00000
.260	-9.980	.18100	.04430	.01980	.18370	.03142	-.01070	.01330	.18100	.61200	.00000
.260	-5.000	.16430	.04830	.03010	.16730	.03666	-.00630	.00770	.09600	.58500	.00000
.260	-2.500	.15960	.05080	.03210	.16270	.03951	-.00190	.00720	.04500	.57900	.00000
.260	-.010	.16250	.05400	.02990	.16590	.04245	-.00070	.00550	.00200	.58500	.00000
.260	2.520	.16810	.05250	.02760	.17140	.04055	-.00040	.00190	-.03900	.59200	.00000
.260	4.980	.17350	.05080	.02470	.17670	.03843	-.00070	-.00320	-.07400	.60000	.00000
.260	9.980	.18750	.04350	.01510	.19010	.03017	.00490	-.01070	-.16400	.62200	.00000
.260	14.980	.20160	.03550	.01170	.20360	.02121	.00650	-.00580	-.24300	.63000	.00000
.260	19.990	.20260	.03980	.00130	.20490	.02546	.00190	-.00060	-.29800	.64900	.00000
	GRADIENT	.00108	.00027	-.00061	.00110	.00018	.00051	-.00108	-.01698	.00172	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB096) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.5800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 96/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.39700	.06550	-.00590	.40220	.00872	-.00650	.01130	.31500	.65700	.00000
.260	-14.970	.40280	.05650	.00830	.40680	-.00104	-.01490	.01280	.27100	.64400	.00000
.260	-9.980	.37890	.05480	.02530	.38280	.00075	-.01790	.01430	.20200	.62700	.00000
.260	-5.010	.37540	.06570	.02720	.38090	.01205	-.00650	.01110	.09300	.62500	.00000
.260	-2.500	.37230	.06870	.03000	.37830	.01548	-.00350	.00730	.04800	.62200	.00000
.260	.000	.37060	.06920	.03160	.37670	.01615	-.00200	.00400	.00600	.62100	.00000
.260	2.460	.36690	.06890	.03260	.37280	.01648	-.00210	-.00040	-.03300	.61900	.00000
.260	4.980	.36830	.06600	.03020	.37400	.01338	-.00100	-.00570	-.07500	.62200	.00000
.260	9.980	.38400	.05610	.02140	.38810	.00130	.00900	-.01430	-.17500	.63100	.00000
.260	14.980	.40360	.05640	.00960	.40750	-.00121	.00760	-.01370	-.24700	.64300	.00000
.260	19.990	.39690	.06520	-.00110	.40210	.00840	-.00050	-.01350	-.29000	.65300	.00000
	GRADIENT	-.00079	.00003	.00034	-.00077	.00015	.00050	-.00166	-.01672	-.00036	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB097) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 97/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.61920	.12190	-.02160	.63100	-.01155	-.00440	.01880	.31000	.66400	.00000
.260	-14.980	.61370	.10500	.00230	.62200	-.02692	-.01140	.01890	.26900	.65000	.00000
.260	-9.970	.60840	.10320	.01670	.61650	-.02756	-.01780	.01990	.20000	.64200	.00000
.260	-5.000	.59440	.10720	.02970	.60360	-.02066	-.00890	.01220	.09700	.63400	.00000
.260	-2.510	.59670	.10950	.02900	.60540	-.01887	-.00630	.00570	.05500	.63400	.00000
.260	.000	.59060	.11120	.03120	.60080	-.01594	-.00330	.00210	.01000	.63300	.00000
.260	2.460	.58660	.11030	.03030	.59670	-.01589	-.00150	-.00370	-.03100	.63300	.00000
.260	4.980	.58740	.10600	.03030	.59650	-.02026	.00060	-.00810	-.07500	.63300	.00000
.260	9.970	.60240	.10020	.01470	.61000	-.02921	.00720	-.01990	-.17300	.64300	.00000
.260	14.960	.61540	.09850	.00440	.62230	-.03363	.00730	-.02280	-.25100	.64900	.00000
.260	19.980	.61130	.11820	-.01430	.62240	-.01355	-.00420	-.02320	-.28400	.66000	.00000
	GRADIENT	-.00097	-.00006	.00011	-.00095	.00015	.00095	-.00201	-.01725	-.00012	.00000

OA124 B26C9 M16 W116E43V8R5TC7X9 (RFB098) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 98/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.83690	.21560	-.04140	.86380	-.02741	.00360	.02460	.29900	.66900	.00000
.260	-14.980	.83180	.19760	-.00860	.85380	-.04323	-.01050	.02830	.26700	.65500	.00000
.260	-9.970	.81840	.19510	.01210	.84030	-.04185	-.01660	.02900	.19800	.64600	.00000
.260	-4.990	.80900	.19910	.02780	.83240	-.03528	-.00470	.01760	.09100	.63900	.00000
.260	-2.490	.81660	.20160	.02310	.84040	-.03506	-.00170	.01010	.04700	.64200	.00000
.260	.000	.81940	.19950	.02240	.84250	-.03789	-.00120	.00200	.00900	.64200	.00000
.260	2.480	.81530	.19360	.02660	.83690	-.04236	-.00090	-.00570	-.02800	.64000	.00000
.260	4.990	.80800	.19030	.03060	.82900	-.04354	.00000	-.01290	-.07100	.63800	.00000
.260	9.980	.80930	.18580	.01840	.82900	-.04814	.00640	-.02750	-.17100	.64300	.00000
.260	14.980	.83560	.18500	-.00590	.85400	-.05644	.00250	-.02710	-.24700	.65400	.00000
.260	19.990	.83660	.20840	-.03680	.86150	-.03417	-.01030	-.02610	-.27900	.66700	.00000
	GRADIENT	-.00013	-.00103	.00036	-.00041	-.00096	.00041	-.00308	-.01601	-.00016	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9 (RFB099) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 99/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.950	-.01640	.04140	.02090	-.01640	.04143	-.00720	-.00880	.31500	1.11900	.00000
.260	-14.960	-.01920	.03830	.02850	-.01920	.03836	-.00820	.00080	.25100	1.19700	.00000
.260	-9.970	-.01700	.04550	.01860	-.01700	.04555	-.01110	.01020	.17900	1.05400	.00000
.260	-5.000	-.02600	.05340	.02220	-.02600	.05343	-.00270	.01000	.07800	.96600	.00000
.260	-2.500	-.02940	.05530	.02580	-.02940	.05531	.00000	.00720	.03600	.97500	.00000
.260	.000	-.03580	.05420	.03070	-.03680	.05422	-.00050	.00210	.00400	.95900	.00000
.260	2.470	-.03290	.05520	.02670	-.03290	.05520	-.00240	-.00190	-.02700	.95100	.00000
.260	4.990	-.02930	.05350	.02440	-.02930	.05355	-.00260	-.00490	-.06300	.95800	.00000
.260	9.990	-.01190	.04450	.01750	-.01190	.04454	.00410	-.00700	-.16000	1.19300	.00000
.260	14.990	-.00150	.03920	.01790	-.00150	.03927	.00350	-.00110	-.23400	4.98700	.00000
.260	19.990	.00440	.03480	.01090	.00440	.03486	.00620	.01040	-.31100	-.25500	.00000
	GRADIENT	-.00040	.00000	.00021	-.00040	.00000	-.00009	-.00156	-.01383	-.00160	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9 (RFB100) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 100/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.17950	.04300	.01470	.18210	.03020	-.00690	.00110	.31400	.62200	.00000
.260	-14.980	.18250	.03530	.02410	.18450	.02236	-.01210	.00660	.26400	.60400	.00000
.260	-9.960	.18180	.04390	.01710	.18450	.03093	-.01050	.01360	.18000	.61700	.00000
.260	-4.990	.16040	.04830	.02990	.16340	.03694	-.00380	.00770	.09000	.58400	.00000
.260	-2.490	.15610	.05110	.03250	.15940	.03995	.00010	.00740	.03900	.57700	.00000
.260	.010	.15360	.05470	.03380	.15710	.04374	-.00060	.00520	.00000	.57300	.00000
.260	2.460	.15810	.05350	.03340	.16150	.04217	-.00190	.00130	-.03500	.57600	.00000
.260	4.980	.17010	.05100	.02810	.17330	.03882	-.00110	-.00270	-.07300	.59200	.00000
.260	9.980	.18560	.04410	.01700	.18830	.03083	.00560	-.01020	-.16600	.61800	.00000
.260	15.000	.19230	.03580	.02090	.19440	.02209	.00840	-.00520	-.24600	.61200	.00000
.260	19.980	.19080	.04150	.01220	.19320	.02792	.00550	.00020	-.30300	.62800	.00000
	GRADIENT	.00086	.00031	-.00011	.00088	.00024	.00014	-.00108	-.01607	.00060	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9 (RFB101) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 101/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.940	.38350	.06530	.00770	.38690	.01049	-.00810	.01170	.31400	.64400	.00000
.260	-14.960	.39460	.05570	.01750	.39850	-.00060	-.01480	.01320	.26800	.63500	.00000
.260	-9.960	.38280	.05530	.02030	.38670	.00070	-.01640	.01410	.19900	.63200	.00000
.260	-4.980	.37610	.06610	.02610	.38160	.01242	-.00420	.01110	.08900	.62600	.00000
.260	-2.490	.37240	.06820	.02890	.37830	.01497	-.00140	.00730	.04400	.62300	.00000
.260	-.010	.36470	.06950	.03380	.37080	.01743	-.00170	.00370	.00400	.61800	.00000
.260	2.490	.36490	.06880	.03430	.37100	.01665	-.00200	.00010	-.03400	.61800	.00000
.260	5.000	.36780	.06650	.03130	.37360	.01398	-.00130	-.00530	-.07400	.62100	.00000
.260	10.000	.38450	.05720	.02110	.38870	.00233	.00890	-.01410	-.17400	.63200	.00000
.260	14.970	.39540	.05710	.02000	.39950	.00072	.00890	-.01390	-.24900	.63300	.00000
.260	19.990	.39040	.06650	.00880	.39390	.01077	.00350	-.01400	-.29500	.64300	.00000
	GRADIENT	-.00096	.00006	.00063	-.00093	.00019	.00021	-.00160	-.01620	-.00060	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB102) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 102/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.950	.02770	.05040	-.00880	.02780	.05048	-.01740	-.00560	.34100	.76900	.00000
.260	-14.950	.02670	.05050	-.00200	.02680	.05053	-.02080	.00350	.28100	.68000	.00000
.260	-9.980	.01960	.05930	-.00190	.01960	.05939	-.02020	.01200	.19900	.68900	.00000
.260	-5.000	.01150	.06670	.00020	.01150	.06677	-.00970	.01150	.09400	.64400	.00000
.260	-2.490	.01480	.06750	-.00250	.01480	.06755	-.00450	.00830	.04600	.71500	.00000
.260	.000	.01050	.06680	-.00150	.01050	.06680	-.00030	.00250	.00500	.70700	.00000
.260	2.470	.01260	.06860	-.00050	.01260	.06868	.00130	-.00220	-.03400	.66800	.00000
.260	5.000	.01560	.06690	-.00120	.01560	.06691	.00420	-.00570	-.07700	.68100	.00000
.260	9.980	.03130	.05820	-.00710	.03130	.05823	.01520	-.00870	-.18300	.73500	.00000
.260	14.980	.04050	.05140	-.00680	.04050	.05140	.01630	-.00350	-.26000	.71400	.00000
.260	19.980	.04360	.04630	-.01280	.04360	.04629	.01680	.00810	-.33400	.76000	.00000
	GRADIENT	.00024	.00006	-.00003	.00024	.00006	.00135	-.00180	-.01691	.00110	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB103) (04 DEC 74)

REFERENCE DATA

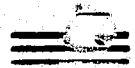
SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 103/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.21660	.05700	-.01330	.22010	.04157	-.01850	.00390	.34200	.67400	.00000
.260	-14.950	.21880	.05210	-.00310	.22190	.03652	-.02440	.00840	.29000	.65700	.00000
.260	-9.970	.21210	.06230	-.00060	.21600	.04725	-.02160	.01510	.20500	.65300	.00000
.260	-4.980	.19880	.06680	.00460	.20300	.05273	-.01170	.00850	.10800	.64300	.00000
.260	-2.500	.19580	.06900	.00510	.20020	.05506	-.00470	.00790	.05000	.64200	.00000
.260	.000	.19470	.07200	.00570	.19930	.05821	-.00020	.00540	.00000	.64100	.00000
.260	2.470	.19700	.07160	.00750	.20160	.05764	.00240	.00130	-.04500	.63800	.00000
.260	4.990	.20620	.06860	.00430	.21050	.05393	.00610	-.00320	-.09000	.64400	.00000
.260	9.980	.21600	.06170	-.00400	.21980	.04633	.01630	-.01200	-.18800	.65800	.00000
.260	14.970	.22920	.05310	-.00610	.23240	.03688	.01950	-.00700	-.26900	.66100	.00000
.260	20.000	.22840	.05600	-.01600	.23180	.03984	.01660	-.00300	-.33000	.67700	.00000
	GRADIENT	.00064	.00025	.00007	.00066	.00020	.00171	-.00120	-.01971	-.00008	.00000



OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB104) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 104/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.890	.42500	.08500	-.02010	.43280	.02412	-.01950	.01460	.34200	.66900	.00000
.260	-14.970	.43540	.07770	-.00620	.44200	.01530	-.02670	.01600	.29400	.65900	.00000
.260	-9.960	.41680	.07760	.00380	.42360	.01797	-.02670	.01620	.22100	.64800	.00000
.260	-4.980	.41500	.08820	.00470	.42330	.02867	-.01130	.01250	.10300	.64800	.00000
.260	-2.480	.41320	.09140	.00530	.42200	.03211	-.00630	.00760	.05300	.64700	.00000
.260	.010	.41000	.09210	.00720	.41890	.03326	-.00140	.00350	.00400	.64500	.00000
.260	2.480	.40700	.09140	.01050	.41580	.03301	.00170	-.00100	-.04100	.64200	.00000
.260	4.990	.40620	.08860	.01130	.41470	.03031	.00530	-.00630	-.08800	.64200	.00000
.260	9.980	.42180	.07680	.00190	.42850	.01641	.02040	-.01580	-.19900	.65000	.00000
.260	14.970	.43600	.07940	-.00730	.44280	.01689	.01980	-.01620	-.27300	.65800	.00000
.260	19.990	.43090	.08890	-.02070	.43920	.02702	.01220	-.01590	-.31800	.66900	.00000
	GRADIENT	-.00096	.00003	.00074	-.00094	.00017	.00165	-.00186	-.01912	-.00068	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB105) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 105/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.950	.64550	.14460	-.03610	.66150	.00494	-.01660	.02190	.33700	.67200	.00000
.260	-14.970	.64290	.12990	-.01440	.65590	-.00883	-.02230	.02210	.29000	.66000	.00000
.260	-9.960	.64170	.12850	-.00120	.65440	-.00994	-.02640	.02230	.21700	.65200	.00000
.260	-5.000	.63110	.13360	.00800	.64510	-.00271	-.01370	.01360	.10700	.64700	.00000
.260	-2.480	.63560	.13610	.00610	.65000	-.00124	-.00860	.00650	.05900	.64800	.00000
.260	.000	.63360	.13870	.00410	.64860	.00168	-.00190	.00180	.00700	.64900	.00000
.260	2.460	.62360	.13720	.01050	.63850	.00235	.00240	-.00390	-.03800	.64600	.00000
.260	4.990	.62360	.13220	.01100	.63770	-.00253	.00700	-.00870	-.08700	.64500	.00000
.260	10.000	.63370	.12600	-.00190	.64610	-.01072	.01770	-.02130	-.19500	.65300	.00000
.260	14.970	.64210	.12460	-.01040	.65390	-.01391	.01840	-.02460	-.27600	.65800	.00000
.260	19.990	.63860	.14440	-.03350	.65470	.00619	.00870	-.02530	-.31100	.67100	.00000
	GRADIENT	-.00106	-.00007	.00042	-.00105	.00016	.00210	-.00221	-.01946	-.00024	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB106) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 106/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.950	.84450	.23830	-.05290	.87740	-.00760	-.01090	.02460	.33000	.67400	.00000
.260	-14.960	.84350	.21810	-.02400	.87080	-.02661	-.02190	.02920	.28800	.66200	.00000
.260	-9.960	.84080	.21770	-.00600	.86810	-.02636	-.02630	.02940	.21900	.65400	.00000
.260	-4.990	.83670	.22380	.00450	.86600	-.01918	-.01020	.01800	.10200	.65000	.00000
.260	-2.480	.84680	.22810	.00030	.87680	-.01795	-.00490	.01020	.05400	.65200	.00000
.260	.030	.85400	.22660	-.00250	.88330	-.02148	-.00240	.00160	.01200	.65300	.00000
.260	2.490	.84470	.22080	.00530	.87270	-.02441	.00320	-.00560	-.03700	.64900	.00000
.260	4.990	.83510	.21570	.00930	.86210	-.02658	.00690	-.01290	-.08600	.64800	.00000
.260	9.990	.83470	.20980	-.00200	.86010	-.03208	.01660	-.02780	-.19600	.65300	.00000
.260	15.020	.85860	.21150	-.02460	.88340	-.03728	.01740	-.02770	-.27800	.66200	.00000
.260	20.000	.85850	.23230	-.05490	.88930	-.01732	.00400	-.02640	-.31100	.67400	.00000
	GRADIENT	-.00021	-.00094	.00058	-.00047	-.00085	.00170	-.00311	-.01873	-.00028	.00000

OA124 B26C9 M16 W116E43V8R5TC13X9TR4 (RFB107) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELV-L = .000
ELV-R = .000 RUDDER = .000
SPDBRK = 25.000

RUN NO. 107/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.010	-.07030	.07220	-.01000	-.07280	.06969	-.00100	.00380	.00300	.60100	.00000
.260	.000	.00920	.06720	-.00110	.00920	.06719	-.00120	.00260	.00600	.69700	.00000
.260	2.010	.10350	.06720	.00310	.10580	.06360	-.00060	.00530	.00000	.64100	.00000
.260	4.040	.20010	.07230	.00620	.20470	.05809	-.00100	.00620	.00100	.64000	.00000
.260	6.080	.30270	.08030	.00590	.30950	.04775	-.00190	.00550	.00300	.64500	.00000
.260	8.110	.40850	.09230	.00680	.41740	.03373	-.00230	.00450	.00400	.64600	.00000
.260	10.150	.51200	.11050	.00860	.52350	.01850	-.00250	.00380	.00600	.64600	.00000
.260	12.180	.62590	.13590	.00650	.64050	.00082	-.00200	.00320	.00600	.64800	.00000
.260	14.220	.74420	.17390	.00190	.76410	-.01420	-.00280	.00200	.01000	.65100	.00000
.260	16.260	.85580	.22960	-.00400	.88590	-.01921	-.00230	.00360	.01100	.65300	.00000
.260	18.300	.95530	.29930	-.00990	1.00100	-.01591	-.00170	.00330	.01000	.65500	.00000
	GRADIENT	.04492	.00902	.00262	.04509	-.00191	.00003	.00049	-.00059	.00301	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR4 (RFB110) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 110/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.10690	.06650	.04110	-.10920	.05268	-.00180	.00320	.00500	.79000	.00000
.260	-.010	-.02570	.05970	.05120	-.02580	.05976	-.00170	.00230	.00700	1.38200	.00000
.260	2.020	.06330	.05960	.05620	.06540	.05739	-.00240	.00390	.00500	.33500	.00000
.260	4.060	.15940	.06080	.05850	.16330	.04944	-.00160	.00570	.00100	.52000	.00000
.260	6.080	.26290	.06610	.05800	.26840	.03790	-.00190	.00510	.00300	.57200	.00000
.260	8.120	.36730	.07600	.05790	.37440	.02339	-.00230	.00450	.00300	.59500	.00000
.260	10.140	.47010	.09200	.06070	.47890	.00775	-.00290	.00350	.00600	.60500	.00000
.260	12.180	.58380	.11580	.06000	.59510	-.01005	-.00210	.00300	.00500	.61500	.00000
.260	14.240	.70340	.15270	.05730	.71930	-.02503	-.00250	.00150	.00800	.62200	.00000
.260	16.260	.81140	.20310	.05540	.83580	-.03224	-.00190	.00220	.00900	.62700	.00000
.260	18.300	.90890	.27500	.04750	.94930	-.02429	-.00050	.00280	.00600	.63300	.00000
	GRADIENT	.04374	-.00085	.00282	.04477	-.00207	-.00000	.00045	-.00069	-.09158	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR4 (RFB111) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 111/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.01990	.04230	.01440	.01990	.04230	-.01840	-.00590	.34100	.38600	.00000
.260	-14.990	.01550	.04310	.02400	.01550	.04310	-.02270	.00380	.28000	.08200	.00000
.260	-9.990	.00200	.05250	.03320	.00210	.05250	-.02150	.01130	.19800	-5.17700	.00000
.260	-5.030	-.01270	.05880	.04390	-.01270	.05889	-.01010	.01150	.09200	1.92000	.00000
.260	-2.520	-.01530	.06020	.04830	-.01530	.06025	-.00390	.00850	.04200	1.80900	.00000
.260	-.010	-.02200	.05890	.05200	-.02200	.05893	-.00090	.00290	.00500	1.52000	.00000
.260	2.450	-.01590	.06060	.04750	-.01590	.06063	.00080	-.00220	-.03200	1.75100	.00000
.260	4.950	-.01060	.05920	.04200	-.01060	.05922	.00480	-.00580	-.07700	2.10200	.00000
.260	9.970	.00980	.05110	.03070	.00980	.05112	.01770	-.00910	-.18500	-.50000	.00000
.260	14.940	.02150	.04380	.02330	.02150	.04386	.01790	-.00380	-.26000	.25200	.00000
.260	19.960	.02600	.03930	.01490	.02600	.03938	.01650	.00640	-.33200	.45100	.00000
	GRADIENT	.00014	.00005	-.00018	.00014	.00004	.00138	-.00182	-.01653	.01214	.00000

OA124 B26C9F8 M15 W116E43V8R5TC11X9TR4 (RFB112) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 112/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.980	.21320	.04670	.00810	.21600	.03151	-.02040	.00420	.34300	.63800	.00000
.260	-14.940	.21690	.04290	.01920	.21940	.02748	-.02700	.00900	.29200	.61900	.00000
.260	-10.000	.20270	.05150	.02850	.20580	.03705	-.02300	.01530	.20400	.60100	.00000
.260	-5.030	.17380	.05580	.04970	.17730	.04335	-.01190	.00910	.10500	.54800	.00000
.260	-2.520	.16820	.05790	.05480	.17180	.04586	-.00420	.00840	.04700	.53400	.00000
.260	-.030	.16530	.06050	.05790	.16920	.04869	.00000	.00590	-.00200	.52600	.00000
.260	2.430	.16960	.05990	.05530	.17340	.04780	.00240	.00130	-.04500	.53400	.00000
.260	4.960	.17850	.05650	.04930	.18210	.04368	.00680	-.00350	-.09000	.55200	.00000
.260	9.950	.20090	.05000	.03000	.20400	.03562	.01840	-.01210	-.19000	.59700	.00000
.260	14.950	.21780	.04200	.02070	.22020	.02636	.02280	-.00770	-.27400	.61700	.00000
.260	19.950	.21790	.04640	.00850	.22070	.03074	.01890	-.00480	-.32900	.63700	.00000
	GRADIENT	.00043	.00014	-.00001	.00045	.00010	.00177	-.00130	-.01934	.00032	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR4 (RFB113) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 113/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.42090	.07150	-.00190	.42680	.01111	-.02360	.01610	.34900	.65300	.00000
.260	-14.990	.42430	.06410	.01170	.42910	.00337	-.02990	.01610	.29800	.64200	.00000
.260	-10.000	.39920	.06370	.03450	.40420	.00652	-.02890	.01640	.22300	.62000	.00000
.260	-5.030	.38570	.07370	.04860	.39230	.01834	-.01170	.01290	.10300	.60600	.00000
.260	-2.530	.38240	.07490	.05230	.38920	.02006	-.00480	.00850	.04900	.60200	.00000
.260	-.020	.37410	.07630	.05880	.38110	.02259	-.00080	.00430	.00100	.59500	.00000
.260	2.430	.37220	.07500	.05680	.37900	.02164	.00230	-.00060	-.04300	.59600	.00000
.260	4.960	.37430	.07210	.05530	.38080	.01834	.00680	-.00630	-.09200	.59800	.00000
.260	9.950	.39650	.06290	.03780	.40150	.00604	.02190	-.01590	-.20000	.61700	.00000
.260	14.970	.41950	.06420	.01560	.42440	.00404	.02330	-.01600	-.27700	.63800	.00000
.260	19.960	.42250	.07390	-.00310	.42870	.01326	.01890	-.01680	-.32700	.65400	.00000
	GRADIENT	-.00132	-.00012	.00072	-.00133	.00006	.00177	-.00190	-.01933	-.00088	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR4 (RFB114) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 114/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.990	.64420	.12930	-.02260	.65690	-.00981	-.02250	.02200	.34700	.66400	.00000
.260	-14.980	.63430	.11550	.00560	.64440	-.02124	-.02680	.02300	.29700	.64800	.00000
.260	-9.990	.62340	.11380	.03000	.63340	-.02046	-.02830	.02320	.21800	.63400	.00000
.260	-5.020	.60220	.11610	.05210	.61310	-.01363	-.01370	.01430	.10400	.62000	.00000
.260	-2.520	.60300	.11670	.05260	.61410	-.01329	-.00730	.00690	.05400	.62000	.00000
.260	-.040	.59190	.11830	.05960	.60350	-.00933	-.00100	.00230	.00400	.61500	.00000
.260	2.470	.59350	.11820	.05550	.60510	-.00969	.00390	-.00350	-.04300	.61800	.00000
.260	4.960	.59680	.11470	.05340	.60750	-.01395	.00980	-.00880	-.09400	.61900	.00000
.260	9.970	.61470	.11140	.03250	.62440	-.02092	.02110	-.02160	-.20100	.63200	.00000
.260	14.960	.63360	.10930	.01240	.64240	-.02702	.02510	-.02390	-.28900	.64500	.00000
.260	19.950	.63560	.12770	-.01880	.64830	-.00948	.01650	-.02690	-.32500	.66200	.00000
	GRADIENT	-.00081	-.00005	.00022	-.00081	.00012	.00233	-.00227	-.01976	-.00016	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9TR4 (RFB115) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 115/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.85520	.22790	-.03920	.88480	-.02075	-.01610	.02640	.33700	.66800	.00000
.260	-14.990	.85120	.21230	-.00730	.87660	-.03461	-.02640	.02970	.29500	.65500	.00000
.260	-9.970	.83400	.20920	.02430	.85920	-.03263	-.02970	.03020	.22300	.64100	.00000
.260	-5.010	.81920	.21060	.04890	.84540	-.02707	-.01000	.01890	.10000	.63000	.00000
.260	-2.500	.82330	.21250	.04920	.84990	-.02648	-.00300	.01110	.04800	.63000	.00000
.260	.000	.82180	.21300	.05360	.84850	-.02557	.00240	.00380	.00100	.62800	.00000
.260	2.450	.82040	.20550	.05690	.84520	-.03233	.00580	-.00490	-.04300	.62700	.00000
.260	4.970	.81220	.20120	.05740	.83610	-.03420	.00910	-.01390	-.08900	.62600	.00000
.260	9.970	.82270	.19910	.03560	.84560	-.03914	.02180	-.03040	-.20200	.63600	.00000
.260	14.980	.85580	.19990	.00070	.87750	-.04786	.02070	-.02910	-.28300	.65100	.00000
.260	19.960	.85920	.22220	-.03980	.88700	-.02761	.01030	-.02880	-.31700	.66800	.00000
	GRADIENT	-.00068	-.00103	.00099	-.00093	-.00081	.00189	-.00328	-.01883	-.00044	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB116) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 116/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-2.030	-.12290	.09280	.04870	-.12610	.08839	.00090	.00260	-.00100	.79400	.00000
.260	-.020	-.03980	.08500	.05220	-.03990	.08506	.00070	.00230	.00000	1.13300	.00000
.260	2.010	.05820	.08380	.05100	.06110	.08178	.00160	.00480	-.00600	.34400	.00000
.260	4.030	.15520	.08750	.05030	.16100	.07645	.00400	.00620	-.01300	.53700	.00000
.260	6.080	.26180	.09330	.04570	.27020	.06510	.00280	.00560	-.00900	.58900	.00000
.260	8.110	.36310	.10390	.04720	.37420	.05163	.00160	.00430	-.00600	.60500	.00000
.260	10.140	.46940	.12090	.04890	.48330	.03638	.00120	.00360	-.00400	.61400	.00000
.260	12.170	.57450	.14460	.05420	.59210	.02026	.00010	.00250	-.00100	.61800	.00000
.260	14.220	.68960	.17800	.05680	.71220	.00313	.00030	.00140	.00000	.62200	.00000
.260	16.250	.79690	.22850	.05790	.82900	-.00355	.00330	.00300	-.00300	.62600	.00000
.260	18.300	.90010	.29640	.04910	.94760	-.00121	.00380	.00280	-.00300	.63300	.00000
	GRADIENT	.04613	-.00084	.00018	.04762	-.00193	.00050	.00066	-.00208	-.07736	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB117) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 117/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.00020	.06760	.02400	.00020	.06765	-.01270	-.00470	.32900	27.45400	.00000
.260	-14.970	-.00170	.07090	.03030	-.00170	.07090	-.01820	.00450	.27200	7.08900	.00000
.260	-9.980	-.01340	.08110	.03500	-.01340	.08116	-.01710	.01070	.18900	1.60700	.00000
.260	-5.010	-.03010	.08670	.04850	-.03010	.08672	-.00810	.01080	.08900	1.24300	.00000
.260	-2.500	-.03070	.08630	.05050	-.03070	.08639	-.00230	.00800	.03900	1.25600	.00000
.260	.000	-.03500	.08520	.05150	-.03500	.08527	.00140	.00230	-.00100	1.19300	.00000
.260	2.450	-.03460	.08820	.05540	-.03460	.08821	.00510	-.00240	-.04400	1.24100	.00000
.260	4.970	-.02900	.08770	.04980	-.02900	.08772	.00740	-.00570	-.08600	1.28300	.00000
.260	9.980	-.00910	.08070	.03480	-.00910	.08073	.01420	-.00770	-.18200	2.05000	.00000
.260	15.030	.00120	.07240	.03100	.00120	.07242	.01300	-.00330	-.25400	-8.79900	.00000
.260	19.970	.00470	.06390	.02650	.00470	.06397	.01260	.00680	-.32300	-1.38700	.00000
	GRADIENT	-.00007	.00016	.00030	-.00007	.00015	.00154	-.00174	-.01738	.00260	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB118) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 4.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 118/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.19340	.07140	.01860	.19790	.05758	-.01370	.00520	.33000	.61700	.00000
.260	-14.990	.19760	.07010	.02460	.20210	.05591	-.02200	.01080	.28100	.69700	.00000
.260	-9.980	.18410	.06090	.02890	.18940	.06770	-.01810	.01540	.19300	.59500	.00000
.260	-5.000	.15910	.06380	.04810	.16460	.07238	-.01010	.00880	.10200	.54400	.00000
.260	-2.500	.15810	.06490	.05090	.16370	.07346	-.00320	.00820	.04500	.53700	.00000
.260	.000	.15960	.06760	.04870	.16540	.07606	.00360	.00590	-.01000	.54300	.00000
.260	2.450	.15780	.06760	.05620	.16360	.07621	.00810	.00230	-.06200	.52500	.00000
.260	4.970	.16390	.06520	.05090	.16960	.07339	.01020	-.00260	-.10100	.54100	.00000
.260	9.970	.18330	.06000	.03160	.18850	.06679	.01630	-.01110	-.18900	.59000	.00000
.260	14.960	.19730	.06950	.02830	.20180	.05527	.01850	-.00850	-.26800	.60000	.00000
.260	19.970	.19520	.07150	.02160	.19980	.05749	.01350	-.00490	-.32100	.61200	.00000
	GRADIENT	.00037	.00022	.00044	.00040	.00019	.00209	-.00115	-.02061	-.00072	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB119) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 8.000 BDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 119/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.39370	.09390	.00980	.40310	.03737	-.01490	.01600	.32900	.64300	.00000
.260	-14.990	.40410	.08980	.01980	.41270	.03173	-.02510	.01820	.28800	.63400	.00000
.260	-9.980	.37730	.09160	.03670	.38650	.03741	-.02380	.01650	.21200	.61700	.00000
.260	-5.010	.37100	.10130	.04560	.38160	.04793	-.00930	.01300	.09600	.60800	.00000
.260	-2.500	.36940	.10240	.04460	.38020	.04920	-.00330	.00870	.04600	.60800	.00000
.260	.000	.36580	.10380	.04900	.37680	.05113	.00460	.00430	-.01200	.60400	.00000
.260	2.470	.35230	.10290	.05980	.36330	.05218	.00750	.00000	-.05800	.59100	.00000
.260	4.980	.35560	.10070	.05560	.36620	.04957	.01060	-.00610	-.10300	.59600	.00000
.260	9.970	.37130	.09130	.04100	.38050	.03799	.02120	-.01460	-.20300	.61200	.00000
.260	14.970	.39410	.09040	.02700	.40290	.03382	.02040	-.01690	-.27500	.62700	.00000
.260	19.960	.39570	.09690	.01260	.40540	.03995	.01090	-.01670	-.31400	.64000	.00000
	GRADIENT	-.00192	-.00003	.00141	-.00191	.00025	.00203	-.00188	-.02012	-.00164	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB120) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 12.000 SDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 120/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.970	.61610	.14660	-.00720	.63320	.01310	-.01300	.02260	.32600	.65600	.00000
.260	-14.980	.61220	.13730	.01440	.62740	.00488	-.02200	.02390	.28500	.64300	.00000
.260	-9.940	.60030	.13950	.03160	.61620	.00965	-.02200	.02130	.20500	.63300	.00000
.260	-5.010	.58310	.14160	.05100	.59990	.01532	-.01140	.01370	.10000	.62000	.00000
.260	-2.510	.58750	.14360	.04980	.60460	.01636	-.00580	.00650	.05000	.62100	.00000
.260	-.010	.58300	.14650	.05320	.60080	.02013	.00190	.00220	-.00400	.61950	.00000
.260	2.470	.57330	.14490	.05960	.59100	.02066	.00800	-.00280	-.05400	.61500	.00000
.260	5.020	.57650	.14040	.05540	.59320	.01550	.01220	-.00780	-.10300	.61700	.00000
.260	9.980	.59090	.13710	.03640	.60650	.00920	.02010	-.01980	-.20300	.63000	.00000
.260	14.960	.60270	.13070	.02390	.61670	.00046	.02080	-.02370	-.28200	.63700	.00000
.260	19.960	.60420	.14640	-.00080	.62150	.01553	.00840	-.02550	-.30900	.65200	.00000
	GRADIENT	-.00109	-.00005	.00074	-.00108	.00018	.00244	-.00209	-.02037	-.00048	.00000

OA124 B26C9F8 M16 W116E43V8R5TC11X9DB1 (RFB121) (04 DEC 74)

REFERENCE DATA

SREF = 2689.8300 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 16.000 SDFLAP = .000
ELV-L = .000 ELV-R = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 121/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-19.960	.83180	.24140	-.02530	.86620	-.00126	-.00740	.02640	.31800	.66200	.00000
.260	-14.980	.83570	.23080	-.00120	.86700	-.01250	-.01990	.02970	.28300	.65200	.00000
.260	-9.980	.81590	.22860	.02570	.84730	-.00897	-.02090	.02800	.20300	.64000	.00000
.260	-5.000	.80070	.23220	.05030	.83370	-.00125	-.00380	.01740	.08400	.62900	.00000
.260	-2.490	.80580	.23440	.05140	.83920	-.00064	-.00030	.01020	.04100	.62900	.00000
.260	-.010	.80220	.23090	.05700	.83480	-.00284	.00500	.00290	-.00690	.62700	.00000
.260	2.470	.79770	.22650	.06430	.82920	-.00582	.00800	-.00510	-.05000	.62300	.00000
.260	4.990	.78770	.22490	.06350	.81920	-.00453	.00800	-.01320	-.09100	.62300	.00000
.260	9.990	.80020	.21970	.04010	.82970	-.01308	.01870	-.02810	-.19900	.63400	.00000
.260	15.000	.82620	.21770	.01140	.85410	-.02233	.01700	-.02920	-.27600	.64700	.00000
.260	19.990	.83350	.23590	-.02590	.86620	-.00703	.00370	-.02770	-.30500	.66300	.00000
	GRADIENT	-.00137	-.00090	.00157	-.00156	-.00047	.00128	-.00307	-.01768	-.00072	.00000