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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

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EFFECT OF ELEVON GAP CONFIGURATIONS ON THE LONGITUDINAL STABILITY AND CONTROL EFFECTIVENESS OF THE 43-0 SPACE SHUTTLE ORBITER (OA118)

By

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Prepared under NASA Contract Number NAS9-13247

By

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for

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	NAAL 724
NASA Series Number:	OA118
Model Number:	43-0
Test Dates:	24 through 26 April 1974
Occupancy Hours:	40

FACILITY COORDINATOR:

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Terrance Hughes and Robert Mennell, Rockwell International Space Division

ABSTRACT

Experimental aerodynamic investigations were conducted on a sting-mounted 0.0405-scale representation of the 140A/B Space Shuttle Orbiter (43-0) in the Rockwell International 7.75 by 11-Foot Low Speed Wind Tunnel (NAAL). These test were conducted from 24 April to 26 April 1974. The NASA designation for this test is OA118.

The primary test objectives were to determine the effect of a new 6-inch elevon gap configuration on longitudinal and lateral/directional stability and control effectiveness. Also investigated were no-gap and "Grumman" gap elevon configurations to establish a base point. Differential inboard/outboard elevon panel deflections with the 6-inch gap were investigated to determine outboard panel aileron effectiveness. The elevons were deflected from +20 to -40 degrees in various combinations.

Aerodynamic force and moment data for the Orbiter were measured in the body axis system by an internally mounted, six-component strain gage balance (2.5-inch Task MK IX). The model was sting mounted with the center of rotation located at F.S. 60.172. The angle-of-attack (α) range was from -10 to +24 degrees. No yaw polars were run during this test.

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Note: Schedule of Coefficients Plotted on next page.

INDEX OF DATA FIGURES (Concluded)

SCHEDULE OF COEFFICIENTS PLOTTED:

(A) CL, CDF, CN, CLM, CAF, CAB, XCP/L, L/DF versus ALPHA
CL versus CLM, CDF

(B) CL, CDF, CN, CLM, CAF, CAB, XCP/L, L/DF versus ALPHA
CL versus CLM, CDF
DCL, DCDF, DCN, DCLM, DCAF versus ELEVON

(C) CL, CDF, CN, CLM, CAF, CAB, XCP/L, L/DF versus ALPHA
CL versus CLM, CDF
DCL, DCDF, DCN, DCLM versus ELE-OB

(D) CYN, CBL, CY versus ALPHA
DCYN, DCBL, DCY versus AIL-OB

(E) CL, CDF, CN, CLM, CAF, CAB, XCP/L, L/DF versus ALPHA
CL versus CLM, CDF
DCL, DCDF, DCN, DCLM versus ELE-LI

NOMENCLATURE
General

SYMBOL	SADSAC 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	SADSAC SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	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; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
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}

ADDITIONAL NOMENCLATURE (Continued)

SYMBOL	PLOT SYMBOL	DEFINITION
A_{BC}		balance cavity area, ft^2
A_B		Orbiter base area excluding cavity, ft^2
C_A	CA	uncorrected axial-force coefficient
$C_{A_{BC}}$	CABC	balance cavity axial-force coefficient
C_{A_B}	CAB	base end (excluding balance cavity) axial-force coefficient
C_{A_T}	CAT	model weight tare axial-force coefficient
C_{A_F}	CAF	forebody axial-force coefficient
L_B	LB	Orbiter reference body length, in
δ_a	AIL-OB	outboard aileron deflection, degrees
δ_{BF}	BDFLAP	bodyflap deflection angle, degrees
δ_e	ELEVON	elevon deflection angle, degrees
δ_{e1}	ELE-LO	LH outboard elevon deflection angle, degrees
δ_{e2}	ELE-LI	LH inboard elevon deflection angle, degrees
δ_{e3}	ELE-RI	RH inboard elevon deflection angle, degrees
δ_{e4}	ELE-RO	RH outboard elevon deflection angle, degrees
	ELE-OB	outboard elevon deflection angle, degrees
δ_r	RUDDER	rudder deflection angle, degrees
δ_{SB}	SPDBRK	speedbrake deflection angle, degrees
ΔC_{A_f}	DCAF	incremental forebody axial-force coefficient

ADDITIONAL NOMENCLATURE (Concluded)

ΔC_{D_f}	DCDF	incremental forebody drag-force coefficient
X_{CP}/L_B	XCP/L	longitudinal center of pressure location, fraction of body length
ΔC_L	DCL	incremental lift-force coefficient
ΔC_ℓ	DCBL	incremental rolling-moment coefficient
ΔC_m	DCLM	incremental pitching-moment coefficient
ΔC_N	DCN	incremental normal-force coefficient
ΔC_n	DCYN	incremental yawing-moment coefficient
ΔC_Y	DCY	incremental side-force coefficient

CONFIGURATIONS INVESTIGATED

The model utilized for this test period was the 0.0405-scale (43-0) model of the 140A/B Space Shuttle Orbiter. The model used the blended wing-body concept with a double delta wing planform ($75°/45°\Lambda_{LE}$), full span elevons (unswept hingeline), a centerline vertical tail with rudder and/or speedbrake capability, a base mounted bodyflap, a canopy and Orbital Maneuvering System (OMS) pods.

For this test period the following model component nomenclature was used:

Component	Definition
B_{26}	-140A/B Orbiter fuselage
C_9	-140A/B Orbiter canopy
E_{26}	-140A/B Orbiter elevon with no elevon gaps
E_{28}	E_{26} with "Grumman" elevon gaps
E_{43}	E_{26} with new "6-inch" elevon gaps
F_8	-140A/B Orbiter body flap
M_7	-140A/B Orbiter OMS pods
R_5	-140A/B Orbiter rudder
V_8	-140A/B Orbiter vertical tail
W_{116}	-140A/B Orbiter double delta wing ($75°/45°\Lambda_{LE}$)
X_9	transition grit

CONFIGURATIONS INVESTIGATED (Concluded)

The following total configurations were investigated:

B_{26} C_9 M_7 F_8 W_{116} E_{26} V_8 R_5 X_9

B_{26} C_9 M_7 F_8 W_{116} E_{28} V_8 R_5 X_9

B_{26} C_9 M_7 F_8 W_{116} E_{43} V_8 R_5 X_9

TEST FACILITY DESCRIPTION

The North American Aerodynamics Laboratory (NAAL) 7.75 x 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return type 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 by 12 feet in length. Power is supplied by a 1250 horsepower nacelle-mounted synchronous motor driving a 19-foot, seven-blade, laminated birch propeller. The airspeed is controlled by varying the degree of coupling between the motor and propeller by means of a magnetic clutch. A damping screen and honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1) minimizes turbulence in the test section. The NAAL Wind Tunnel has been in operation since June 1943 and calibrations are available over a wide range of test conditions.

Tests may be conducted using a variety of mounting systems; e.g., single strut, double strut, sting strut, reflection plane, cable suspension, and 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 is used to collect, multiplex, digitize, and record 50 channels of force and/or pressure data on magnetic tape. This data is then rapidly reduced and plotted using automatic data processing equipment and an automatic digital plotter.

DATA REDUCTION

The aerodynamic force and moment data presented were measured by the Task 2.5-inch Mk IX strain gage balance. The data have been corrected for model base and balance chamber effects, model blockage influence on tunnel dynamic pressure, wall interference effects, sting and balance deflections and model weight tare.

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

$$C_{A_F} = C_A - C_{A_{BC}} - C_{A_B} - C_{A_T}$$

where

C_A = uncorrected axial-force coefficient

$$C_{A_{BC}} = -\left(\frac{P_{BC} - P_o}{q}\right)\left(\frac{A_{BC}}{S}\right)$$

$$C_{A_B} = -\left(\frac{P_B - P_o}{q}\right)\left(\frac{A_B}{S}\right), \quad P_B = 1/5\,(P_{B_1} \ldots + P_{B_5})$$

C_{A_T} = model weight tare axial-force coefficient

The model center of pressure location was computed in percent of body length as follows:

$$X_{CP}/L_B = \left[X_{C.G.} - \left(\frac{C_m * \bar{c}}{C_N}\right)\right]/L_B$$

where:

$X_{C.G.}$ = MRP location, inches aft of the nose

$\bar{c}$ = Wing MAC, in

L_B = Body length, in

DATA REDUCTION (Concluded)

Reference Dimensions and Constants

The following reference dimensions were used in data reduction procedures to convert aerodynamic data to coefficient form:

Symbol		Full Scale	Model Scale
A_B	Base area, ft^2	362.140	0.5940
A_{BC}	Balance cavity area, ft^2	60.052	0.0985
S	Wing reference area, ft^2	2690.00	4.412
b	Wing span (BREF), in	936.68	37.936
$\bar{c}$	Wing MAC (LREF), in	474.81	19.230
L_B	Length of Orbiter body, in	1290.30	52.257

TABLE I.

TEST : OA118 NAAL 724

DATE : 29 April 74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. foot)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.20	1.42×10^6/ft	60 PSF	60→90°F
0.26	1.85×10^6/ft	100 PSF	60→90°F

BALANCE UTILIZED: Task-2.5 inch Mk IX

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	1500 lbs*	±0.25%	
SF	750 lbs*	±0.25%	
AF	200 lbs	±0.25%	
PM			
RM	4000 in-lbs	±0.25%	
YM			

COMMENTS:

TABLE II.

TEST: OA118 NAAL 724

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 29 APRIL 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_{BF}	δ_{e1}	δ_{e2}	δ_{e3}	δ_{e4}	δ_{SB}	δ_E	NO. OF RUNS	MACH NUMBERS .20	MACH NUMBERS .26	TEST RUN NUMBERS
RF6001	A + E28	A	O	-11.7	O	O	O	O	25	O	1		1	
002	E26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		2	
003	↓	↓	↓	↓	+5	+5	+5	+5	↓	↓	↓		3	
004	E28	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		4	
005	↓	↓	↓	↓	-10	-10	-10	-10	↓	↓	↓		5	
006	E26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		6	
007	↓	↓	↓	↓	+15	+15	+15	+15	↓	↓	↓		7	
008	E28	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		8	
010	↓	↓	↓	↓	-5	-5	-5	-5	↓	↓	↓		10	
011	E26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		11	
012	E28	↓	↓	↓	+10	+10	+10	+10	↓	↓	↓		12	
013	E26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		13	
014	E28	↓	↓	↓	-15	-15	-15	-15	↓	↓	↓		14	
015	E26	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		15	
016	↓	↓	↓	↓	+20	+20	+20	+20	↓	↓	↓		16	
017	E28	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		17	
018	E43	↓	↓	↓	O	O	O	O	↓	↓	↓		18	
019	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	19		

COEFFICENTS

1 CL, 7 CDF, 13 CLM, 19 CN, 25 CAF, 31 CYN, 37 CBL, 43 CY, 49 XCP/L, 55 CAB, 61 MACH, 67 ALPHA BETA, 75 76

α OR β SCHEDULES: α(A) = −10 → +24, Δα = 2°

δ_{e1} = LH OUTBD PANEL, δ_{e2} = LH INBD PANEL

IDVAR (1) IDVAR (2) NDV

δ_{e3} = RH INBD PANEL, δ_{e4} = RH OUTBD PANEL

CONFIG. A = B26C9M7F8W116V8R5X9

TABLE II. - Continued.

TEST: OA118 NAAL 724

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 29 APRIL 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δBF	δe1	δe2	δe3	δe4	δSB	δR	NO. OF RUNS	MACH NUMBERS .26	TEST RUN NUMBERS
RF6020	A + E43	A	0	-11.7	+5	+5	+5	+5	25	0	1	20	
021					+10	+10	+10	+10				21	
022					+15	+15	+15	+15				22	
023					+20	+20	+20	+20				23	
024					-5	-5	-5	-5				24	
025					-10	-10	-10	-10				25	
027					-15	-15	-15	-15				27	
028					-20	-20	-20	-20				28	
029	A + E28											29	
030	E26											30	
031	E26				-30	-30	-30	-30				31	
032	E28											32	
033	E43											33	
034	E43				-40	-40	-40	-40				34	
035	E28											35	
036	E26											36	
037	E43				-10	0	0	-10				37	
038	E43				+10	0	0	-10				38	

COEFFICENTS

1	7	13	19	25	31	37	43	49	55	61	67	75 76
CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB	MACH	ALPHA BETA	

α OR β SCHEDULES

α(A) = -10 → +24, Δα = 2

δe1 = LH OUTBD PANEL, δe2 = LH INBD PANEL

IDVAR (1) IDVAR (2) NDV

δe3 = RH INBD PANEL, δe4 = RH OUTBD PANEL

CONFIG. A = B26C9M7F8W116V8R5X9

TABLE II. - Concluded.

TEST: OA118 NAAL 724 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 29 APRIL 1974

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δBF	δe1	δe2	δe3	δe4	δSB	δR	NO. OF RUNS	MACH NUMBERS .26		
RF6039	A + E43	A	O	11.7	+10	0	0	+10	25	0	1	39		
040					+5	0	0	-5				40		
041					+5	-10	-10	-5				41	BAD DATA	
042					+10	-10	-10	-10				42		
043					0	-10	-10	0				43		
044					0	+15	+15	0				44		
045					+5			+5				45		
047					+5			-5				47		
048					+15			-5				48		
049					+10			-10				49		
050					+10			0				50		
051					+10	+20	+20	+10				51		
052					+15			+5				52		
053					+20			0				53		
054					+20	+10	+10	0				54		
055					+20			+20				55		
056					+15			+5				56		
057					0			0				57		

TEST RUN NUMBERS

1	7	13	19	25	31	37	43	49	55	61	67	75 76
CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB	MACH	ALPHA BETA	

COEFFICENTS

α OR β SCHEDULES: α(A) = -10 → +24, Δα = 2°
δe1 = LH OUTBD PANEL, δe2 = LH INBD PANEL

IDVAR (1) IDVAR (2) NDV: δe3 = RH INBD PANEL, δe4 = RH OUTBD PANEL
CONFIG. A = B26C9M7F8W116V8R5X9

*REVISED 4/24/74

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 DRAWING: 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.	250.00	10.125
Fineness Ratio	2.264	2.264
Area - Ft^2		
Max. Cross-Sectional	340.88	0.559
Planform		
Wetted		
Base		

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT : CANOPY - C_9

GENERAL DESCRIPTION : Configuration 3Z. Canopy used with fuselage B_{26}.

MODEL SCALE: 0.0405 MODEL SCALE: SS-A00147, RELEASE 12

DRAWING NUMBER : VL70-000143A, -000140A

DIMENSIONS :	FULL SCALE	MODEL SCALE
*Length (X_o = 434.643 to 578)	143.357	5.806
Max Width (@ X_o = 513.127)	152.412	6.173
Max Depth (@ X_o = 485.0)	25.000	1.013
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT: ELEVON - E_{26}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Elevons. Solid elevon, no gaps.

MODEL SCALE: 0.0405 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000140, 000140B

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
*Area - Ft^2	210.0	0.344
Span (equivalent), In.	349.20	14.143
Inb'd equivalent chord, In.	118.00	4.779
Outb'd equivalent chord, In.	55.19	2.235
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
*Area Moment (Product of area & $\bar{c}$), Ft^3	1587.25	0.1054
*Mean Aerodynamic Chord, In.	90.7	3.673

TABLE III. - Continued.

MODEL COMPONENT: SLOTTED ELEVON - E_{28}

GENERAL DESCRIPTION: Same as elevon E_{26} except for baseline "Grumman" gaps at Y_o 312.50 and the elevon/fuselage intersection.

MODEL SCALE: 0.0405 MODEL DRAWING: SS-A01179

DRAWING NUMBER: VL70-000140A/B

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.00	0.3444
Span (equivalent), In.	349.20	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	0.00	0.00
Trailing Edge	- 10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Product of area & $\bar{c}$), Ft^3	1587.25	0.1054
Mean Aerodynamic Chord, Inches	90.7	3.673

TABLE III. - Continued.

MODEL COMPONENT: SLOTTED ELEVON (6-INCH GAP) - E_{43}

GENERAL DESCRIPTION: Same as Elevon E_{26} except for new 6" elevon gaps at Y_o = 312.50 and elevon/fuselage intersection. Internal gap contours are beveled 8° from the lower to upper surface.

MODEL SCALE: 0.0405

DRAWING NUMBER: NONE SKETCH ONLY.

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
Area - Ft^2	210.00	0.344
Span (equivalent), In.	349.20	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	0.00	0.00
Trailing Edge	-10.056	-10.056
Hingeline	0.00	0.00
Area Moment (Product of area & $\bar{c}$), Ft^3	1587.25	0.1054
Mean Aerodynamic Chord	90.7	3.673

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT : BODY FLAP - F_8

GENERAL DESCRIPTION : Orbiter body flap configuration used on body, B_{26}.

MODEL SCALE: 0.0405 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER : VL70-000140B, -000400

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	150.525	0.247
Planform		
Wetted		
* Base	41.847	0.0686

TABLE III. - Continued.

MODEL COMPONENT : OMS/RCS PODS - M_7

GENERAL DESCRIPTION : Configuration 140A/B Orbiter OMS/RCS Pods used on B_{26} .

MODEL SCALE: 0.0405 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER : VL70-000145, VL70-000140A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta. 1233.0), In.	327.000	13.244
Max Width (@ X_o = 1450.0), In.	94.5	3.827
Max Depth (@ X = 1493.0), In.	109.000	4.415
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT: RUDDER - R_5

GENERAL DESCRIPTION: Orbiter Rudder used on vertical tail V_8.

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	0.203
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
*Area Moment (Product of area & $\bar{c}$) Ft^3	610.92	0.0406
*Mean Aerodynamic Chord, In.	73.2	2.965

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT: VERTICAL - V_8

GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speedbrake capability.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140C, VL70-000146A MODEL DRAWING: SS-A00148, REL. 6

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	45.000	45.000
*Trailing Edge	26.2	26.2
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	10.874
Tip (Theo) WP	108.470	4.393
MAC	199.808	8.092
Fus. Sta. of .25 MAC	1463.50	59.272
W.P. of .25 MAC	635.522	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.	14.920	14.920
Leading Edge Radius	2.00	2.00
Void Area	13.17	0.022
Blanketed Area	0.00	0.00

TABLE III. - Continued.

*REVISED 4/24/74

MODEL COMPONENT: WING-W 116

GENERAL DESCRIPTION: Configuration 140A/B Orbiter double delta wing.

MODEL SCALE: 0.0405

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

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.09	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.O.O.	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 $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
* Planform Area Ft^2	113.18	0.186
* Leading Edge Intersects Fus M. L. @ Sta	500.00	20.250
* Leading Edge Intersects Wing @ Sta	1024.00	41.472

TABLE III. - Concluded.

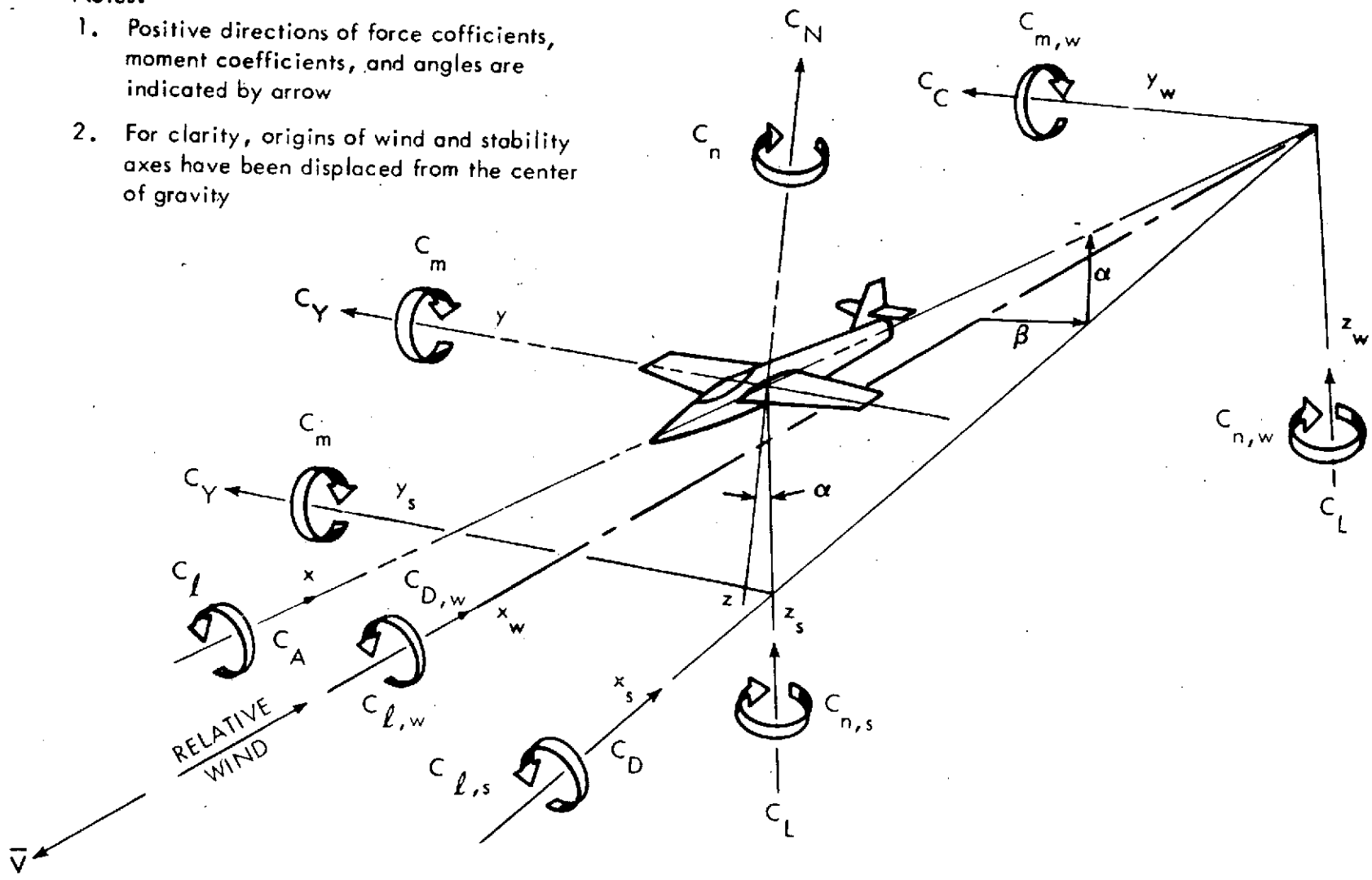
MODEL COMPONENT: TRANSITION GRIT - X_9

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

NOMINAL GRIT DIAMETER - IN.	
Fuselage	0.0054
All surfaces except fuselage	0.0076
STRIP THICKNESS - In.	0.10
LOCATION:	
Inches aft of local leading edge (streamwise)	1.00

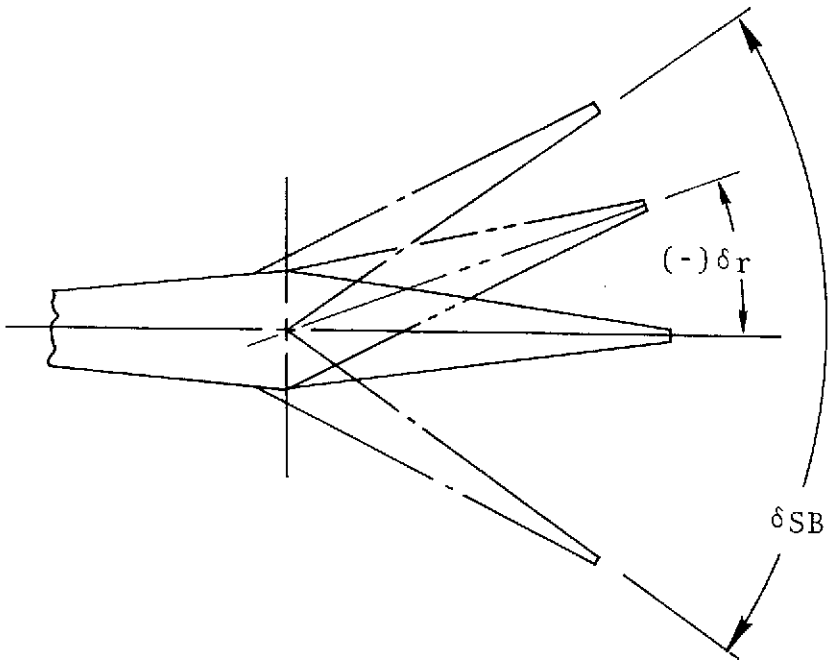
Notes:

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

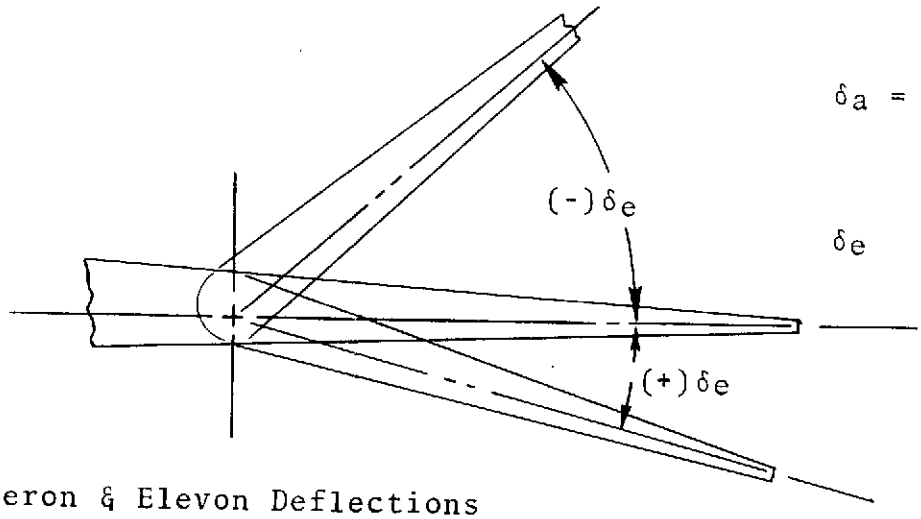


a. General

Figure 1. - Axes systems.



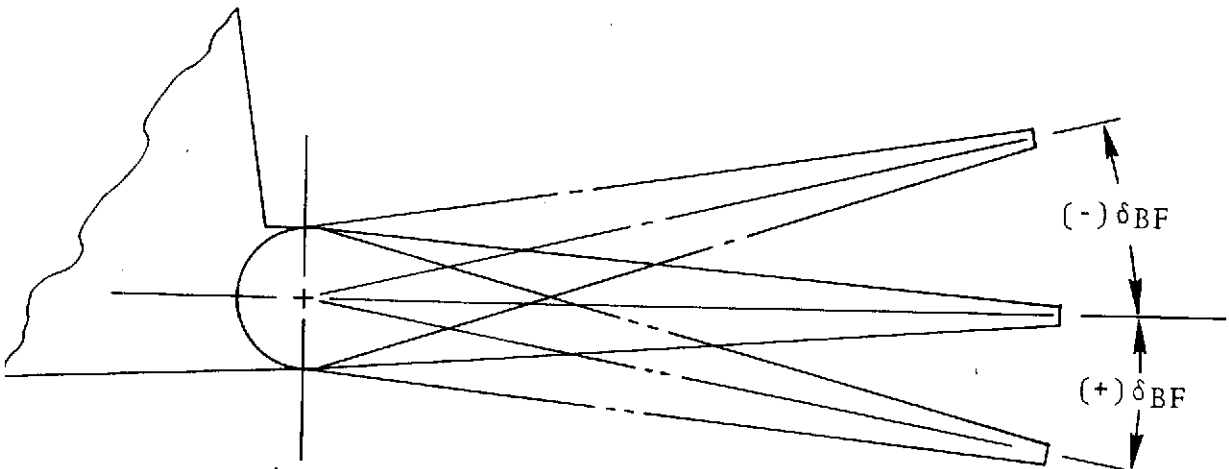
Rudder and
Speed Brake
Deflections



$$\delta a = \frac{\delta eL - \delta eR}{2}$$

$$\delta e \quad \frac{\delta e_L + \delta e_R}{2}$$

Aileron & Elevon Deflections



b. Sign Convention for Control Surfaces

Figure 1. - Concluded.

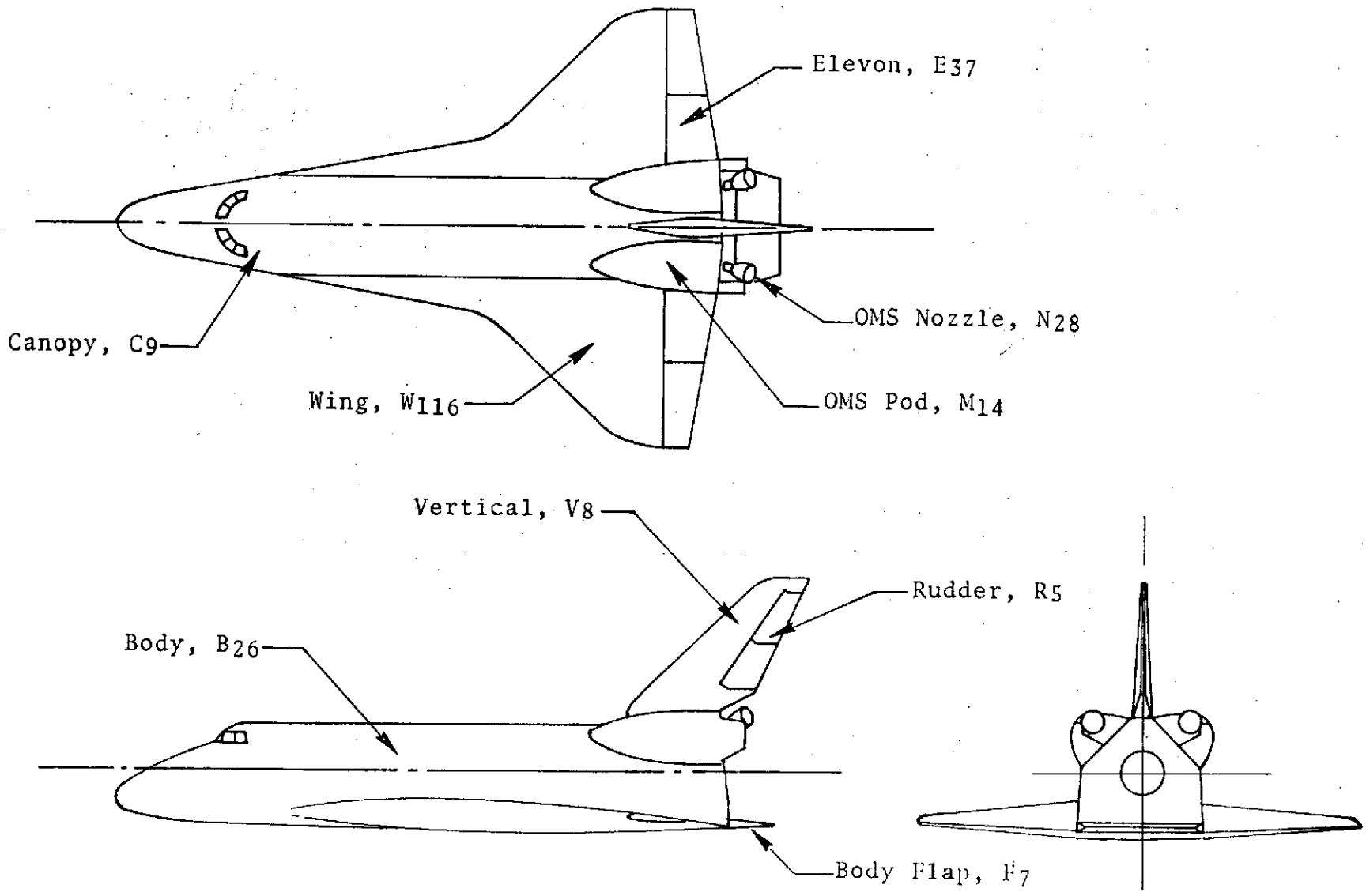
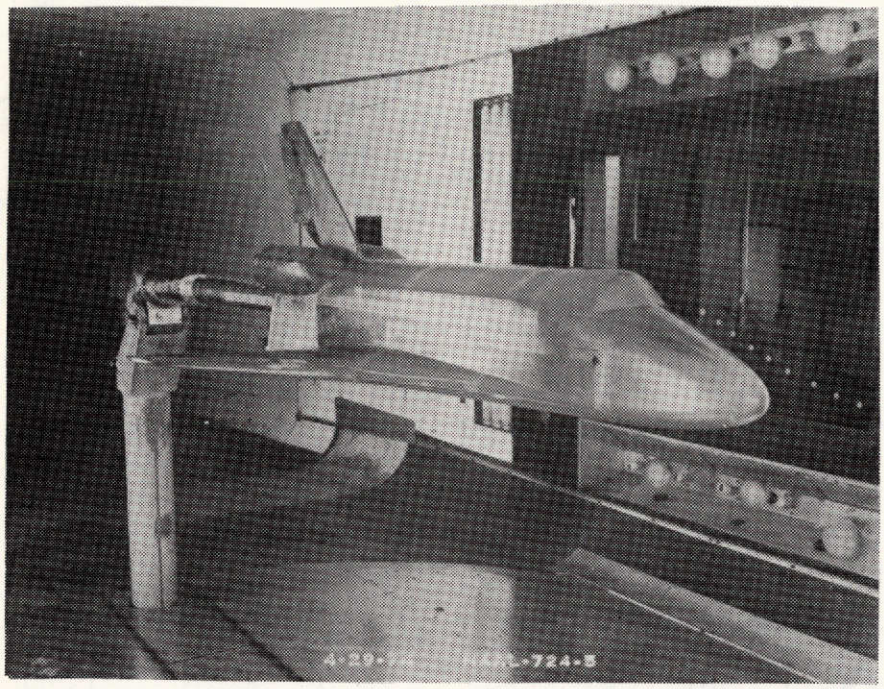
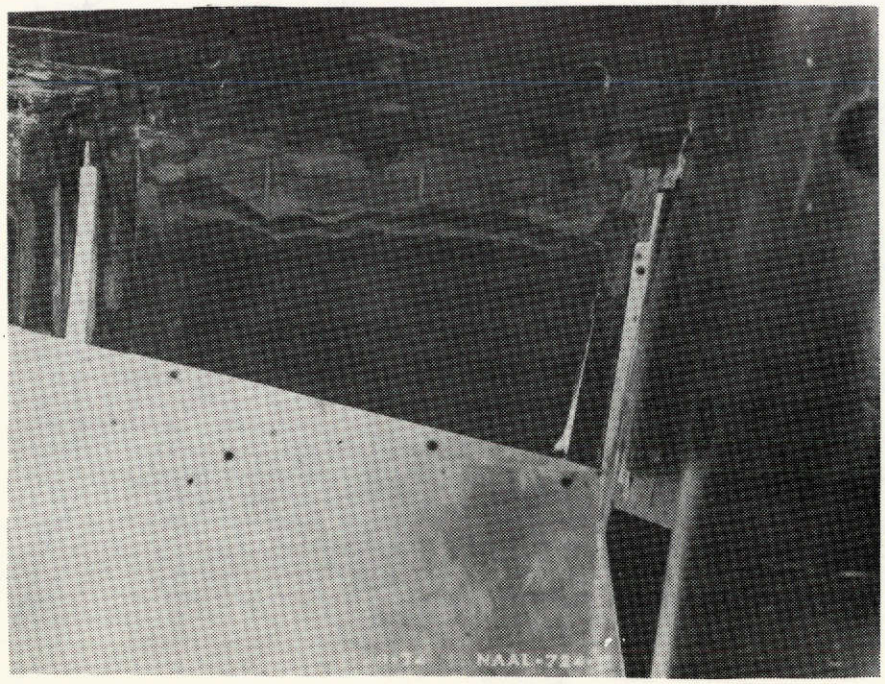


Figure 2. - Orbiter three view.



NAAL Orbiter Installation



Top View, 6-Inch Elevon Gaps

Figure 3. - Model installation photographs.

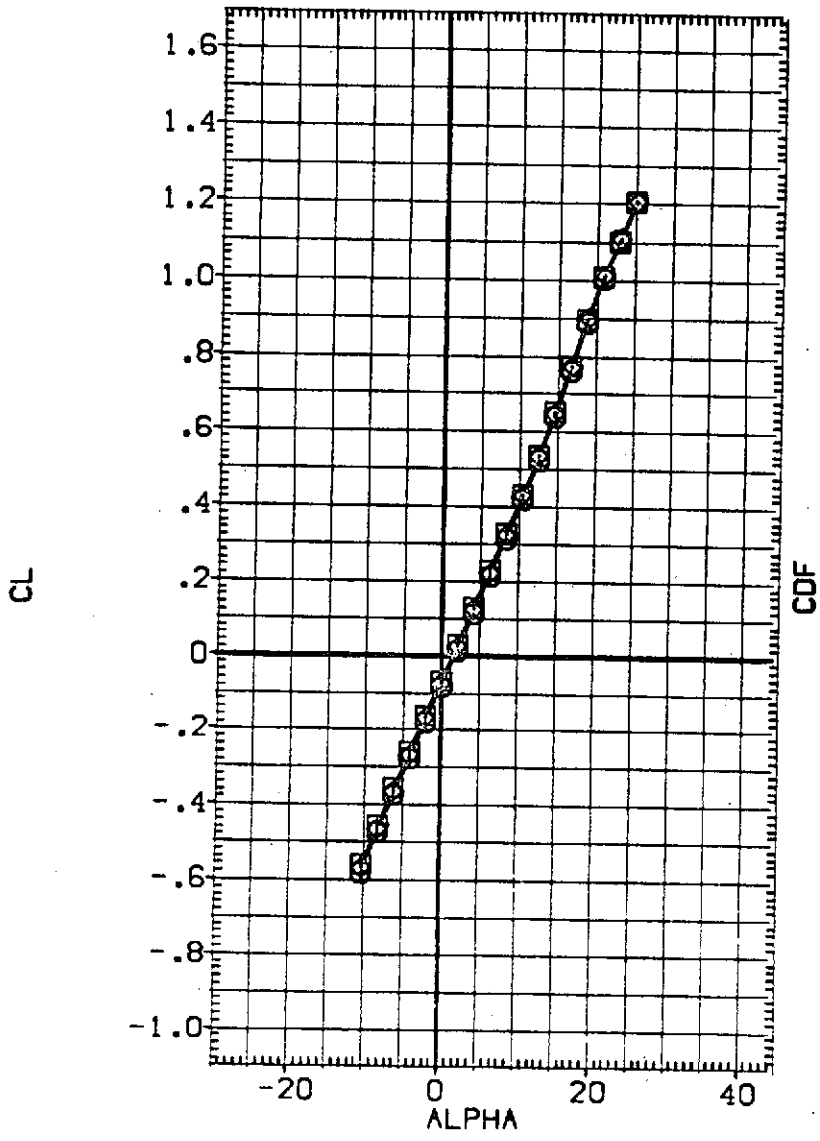
DATA FIGURES

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6002)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6001)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6018)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	.000	.000	.000
.000	.000	.000	.000
.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



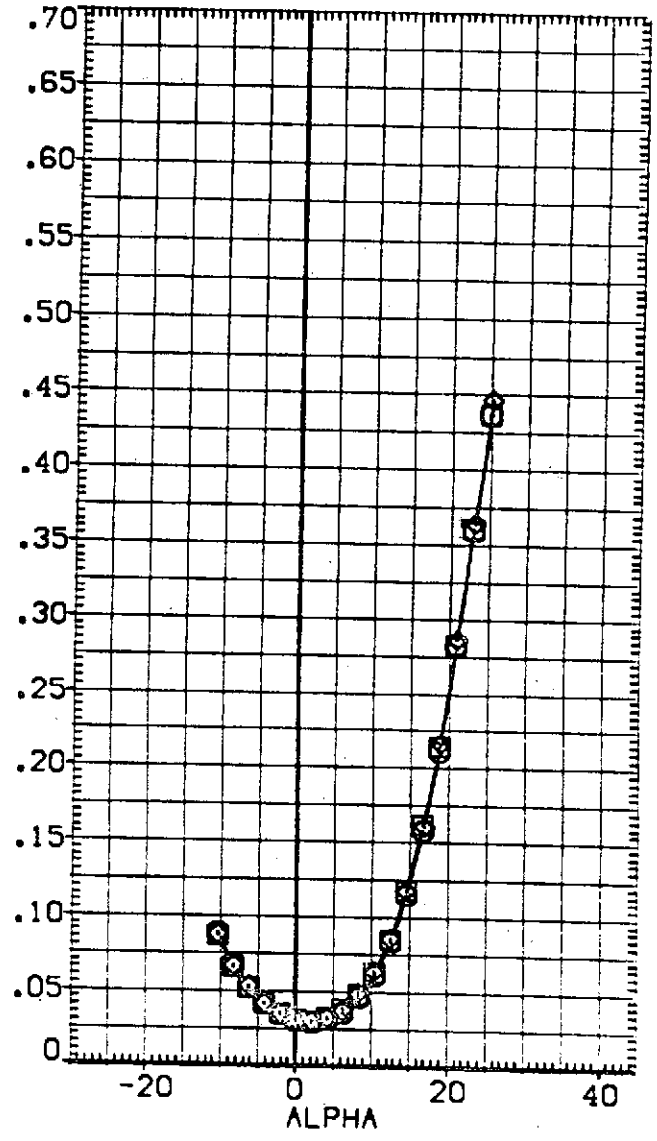


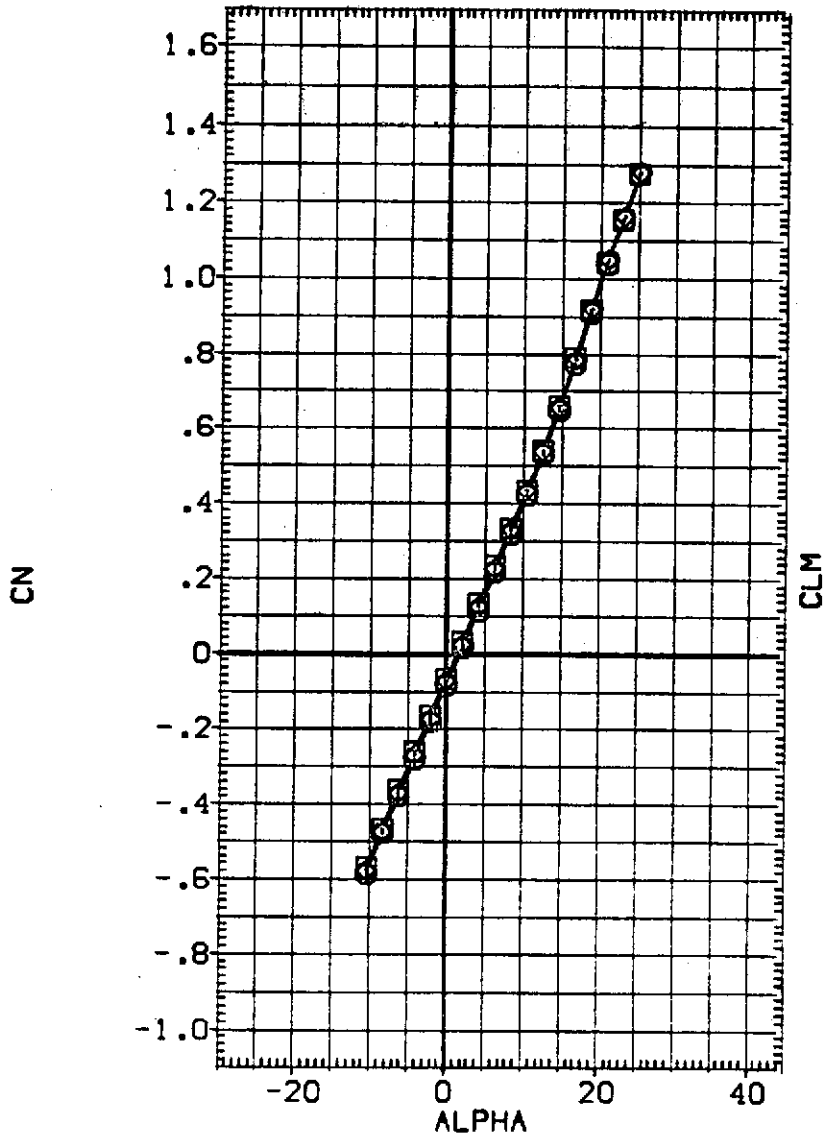
FIG 4 EFFECT OF ELEVON CONFIGURATION, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6002)	○	0A118 B26C9M7F8V116E26V8R5X9	.000	.000	.000	.000
(BF6001)	□	0A118 B26C9M7F8V116E28V8R5X9	.000	.000	.000	.000
(BF6018)	◇	0A118 B26C9M7F8V116E43V8R5X9	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



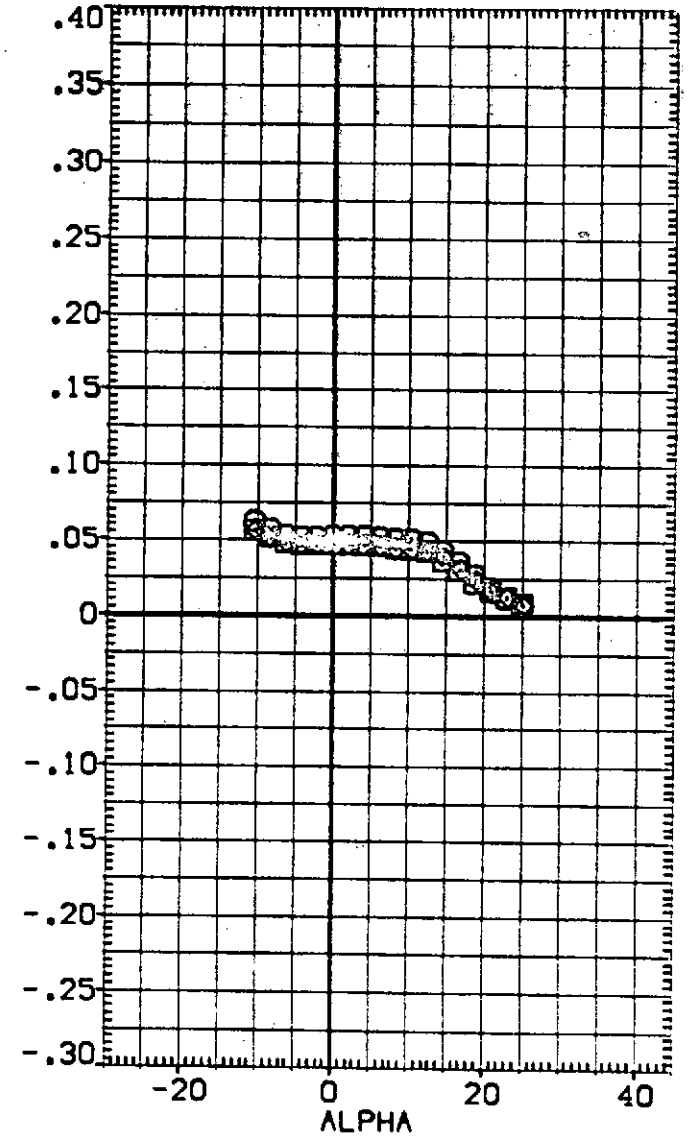


FIG 4 EFFECT OF ELEVON CONFIGURATION, ELEVON = 0 DEG.

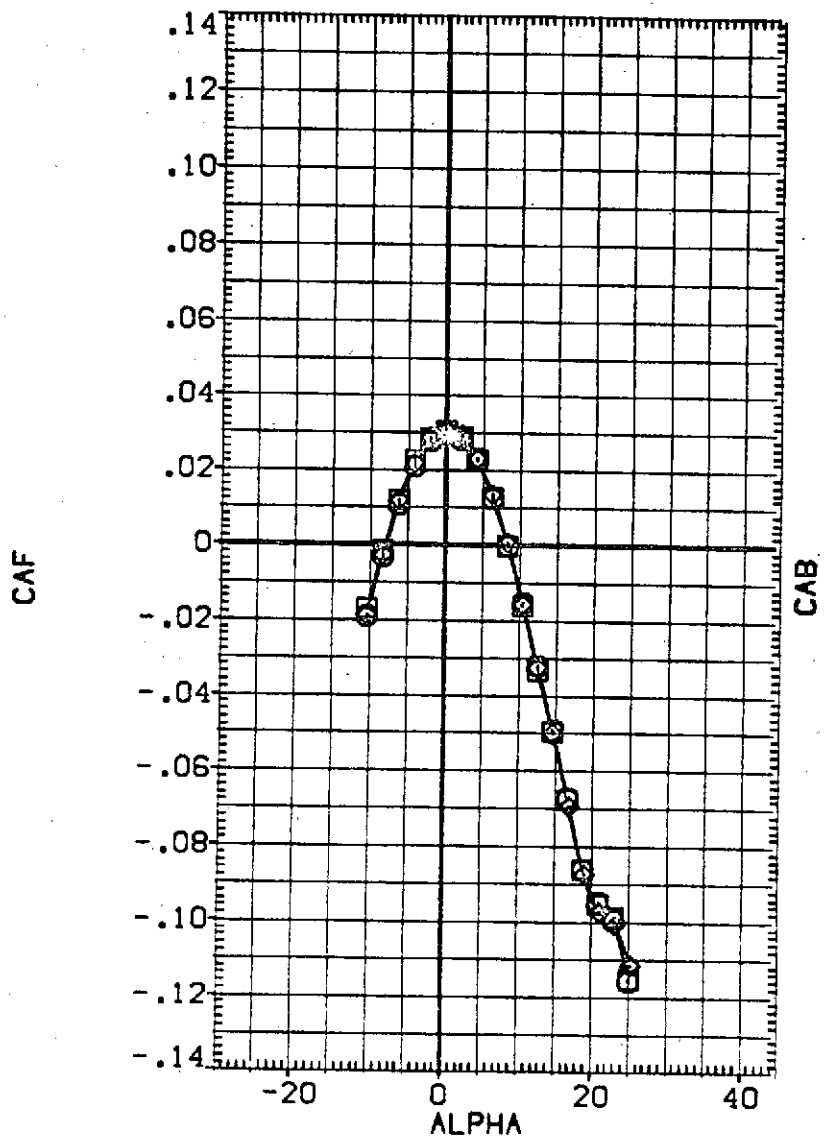
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6002)	○	OA118 B26C9M7F8V116E26V8R5X9
(BF6001)	□	OA118 B26C9M7F8V116E28V8R5X9
(BF6018)	◇	OA118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	.000	.000	.000
.000	.000	.000	.000
.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



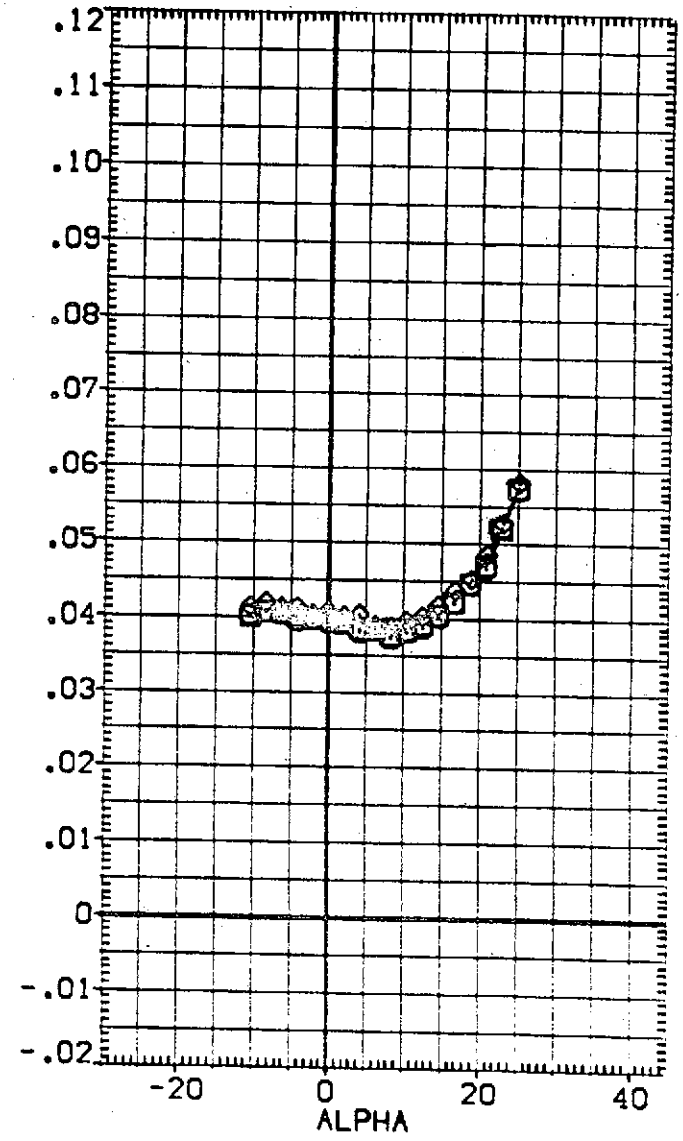


FIG 4 EFFECT OF ELEVON CONFIGURATION, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6002)	○	0A118 B26C9M7F8V116E26V8R5X9	.000	.000	.000	.000
(BF6001)	□	0A118 B26C9M7F8V116E28V8R5X9	.000	.000	.000	.000
(BF6018)	◇	0A118 B26C9M7F8V116E43V8R5X9	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

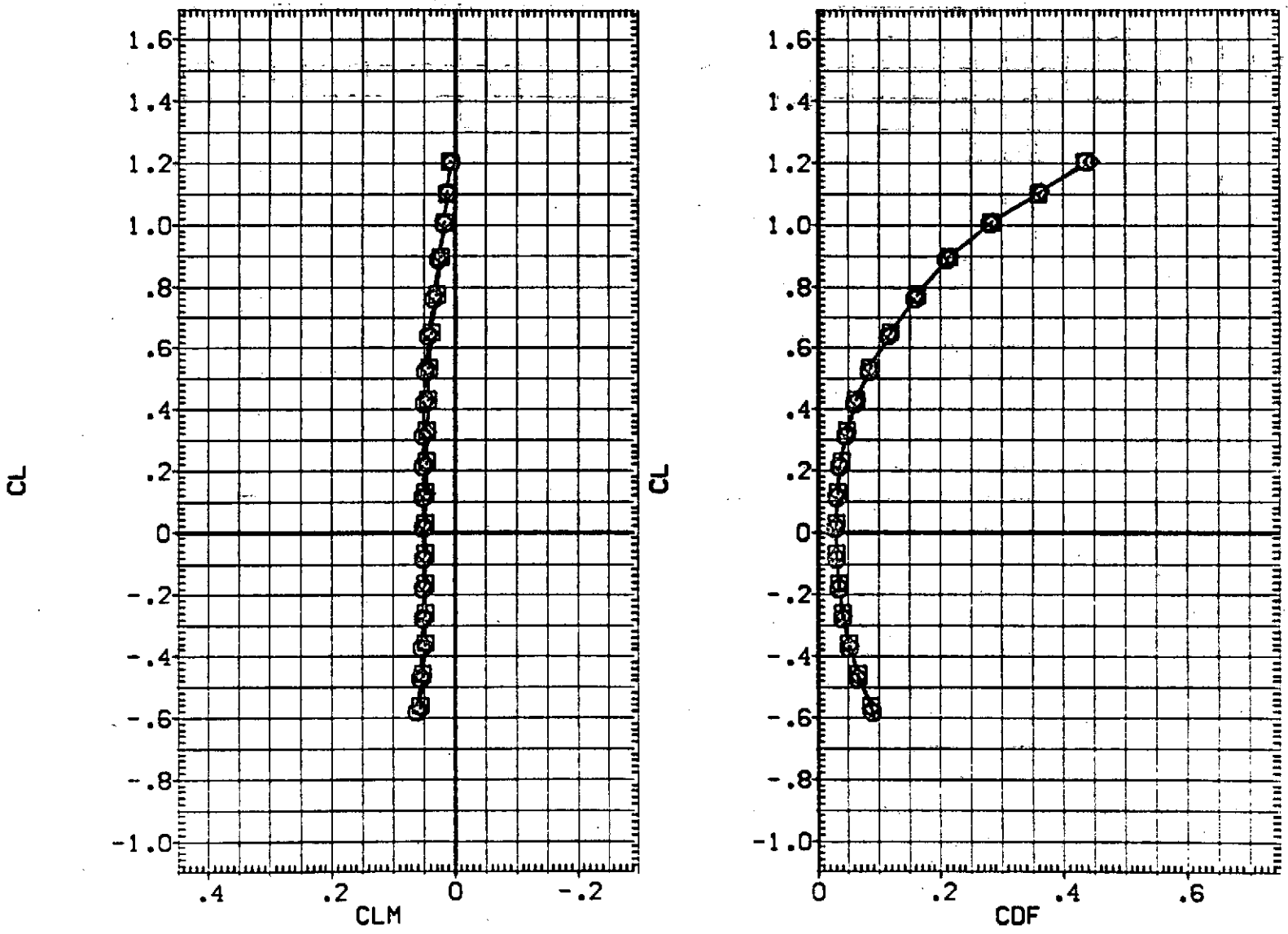


FIG 4 EFFECT OF ELEVON CONFIGURATION, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6002)	○	0A118 B26C9M7F8V116E26V8R5X9	.000	.000	.000	.000
(BF6001)	□	0A118 B26C9M7F8V116E28V8R5X9	.000	.000	.000	.000
(BF6018)	◇	0A118 B26C9M7F8V116E43V8R5X9	.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

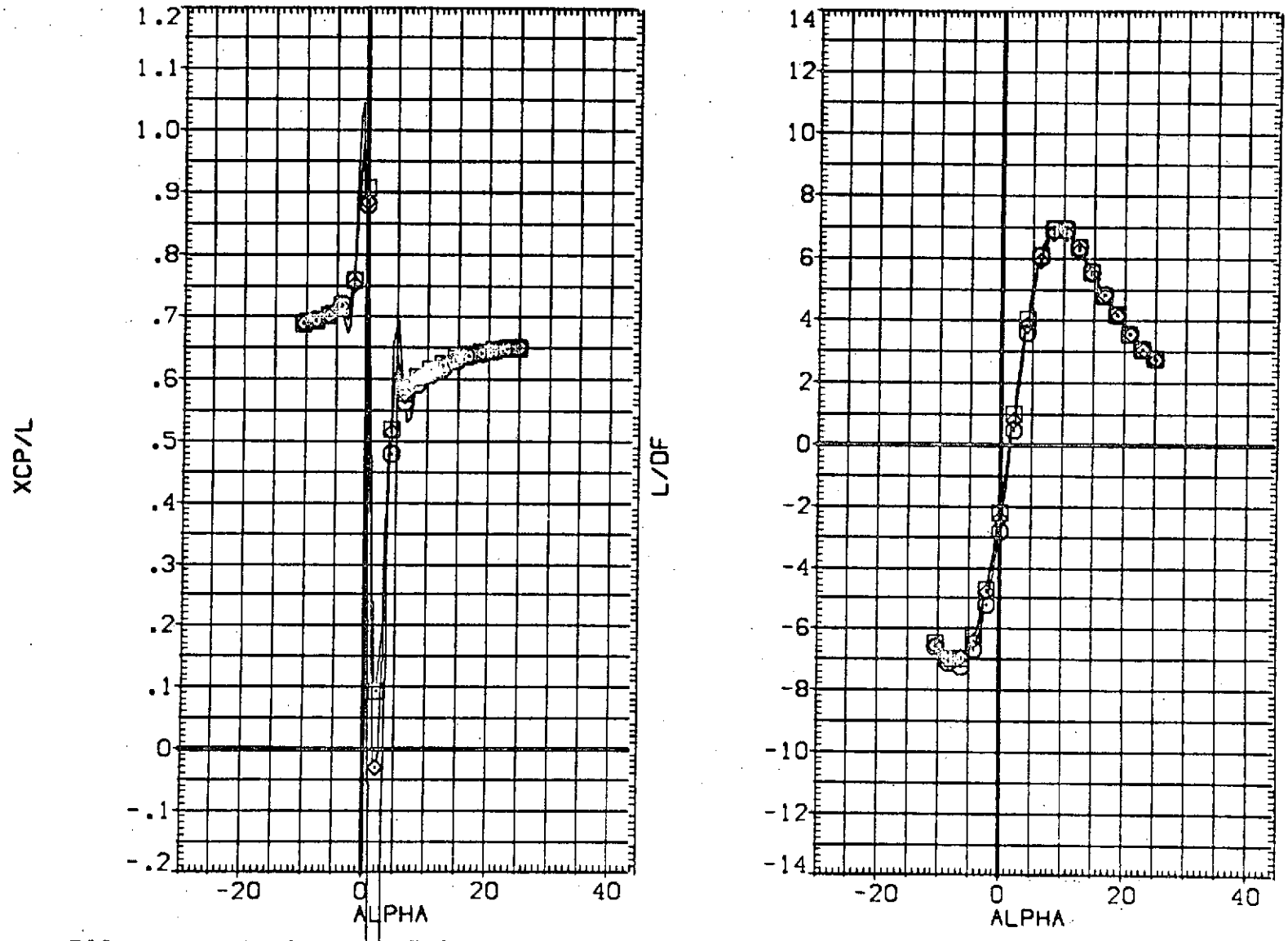


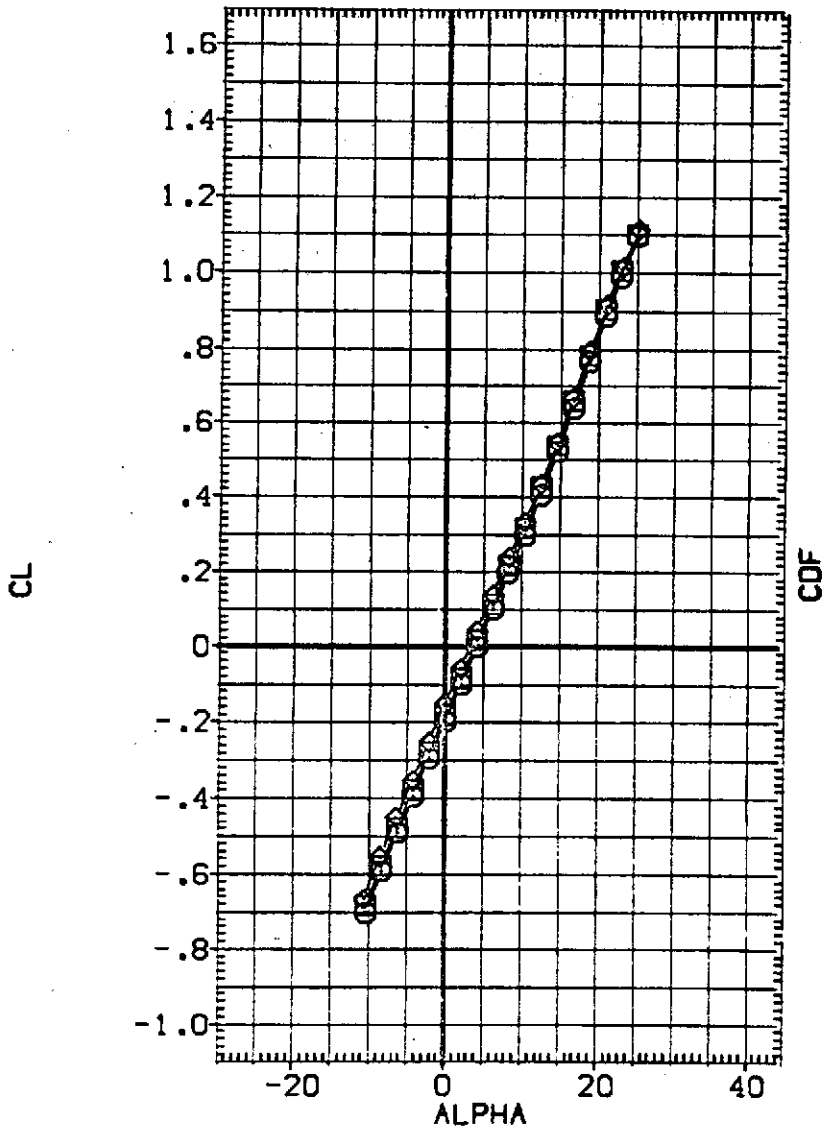
FIG 4 EFFECT OF ELEVON CONFIGURATION, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	0A118 B26C9M7F8V116E26V8R5X9
(BF6010)	□	0A118 B26C9M7F8V116E28V8R5X9
(BF6024)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



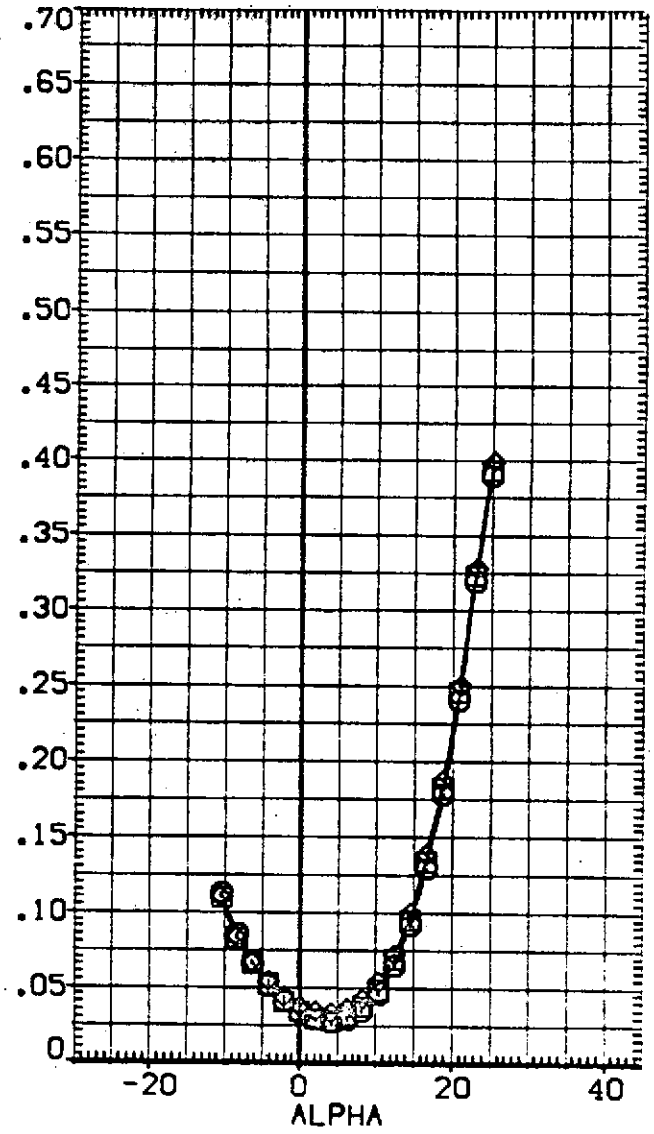


FIG 5 EFFECT OF ELEVON CONFIGURATION, ELEVON = -5 DEG.

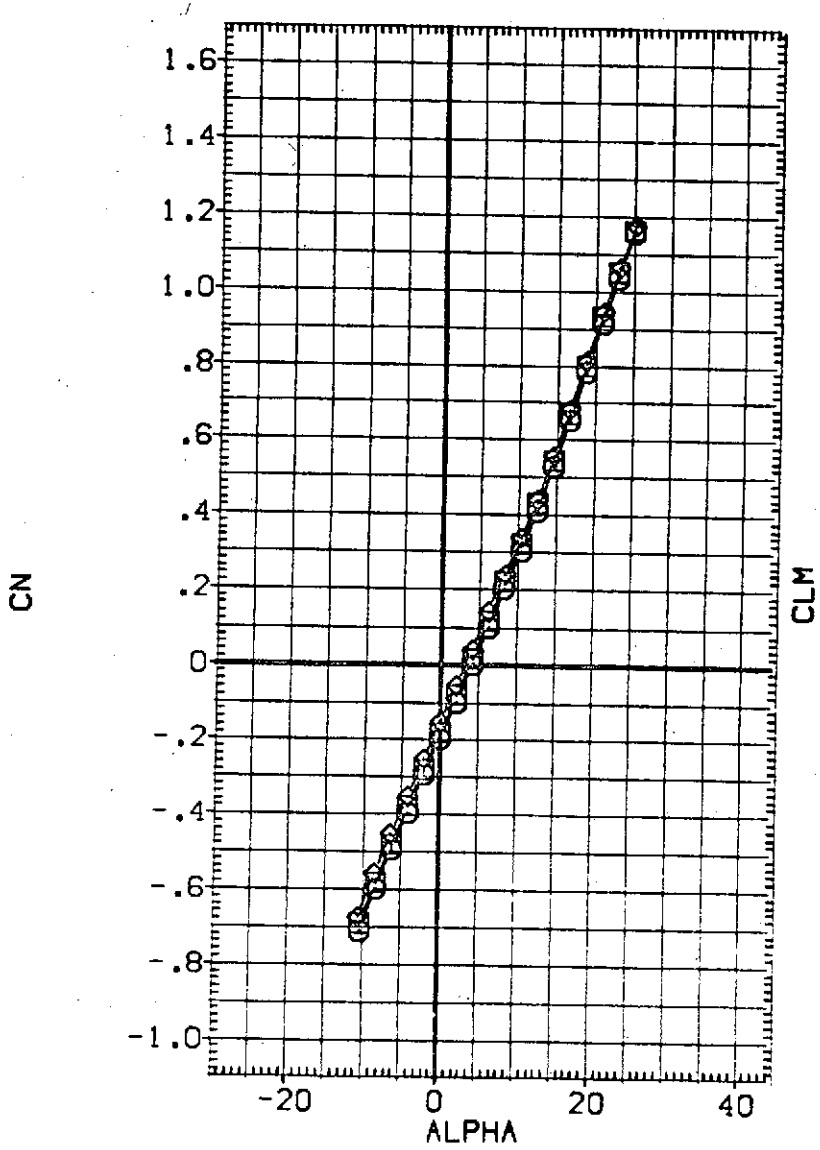
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6010)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6024)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



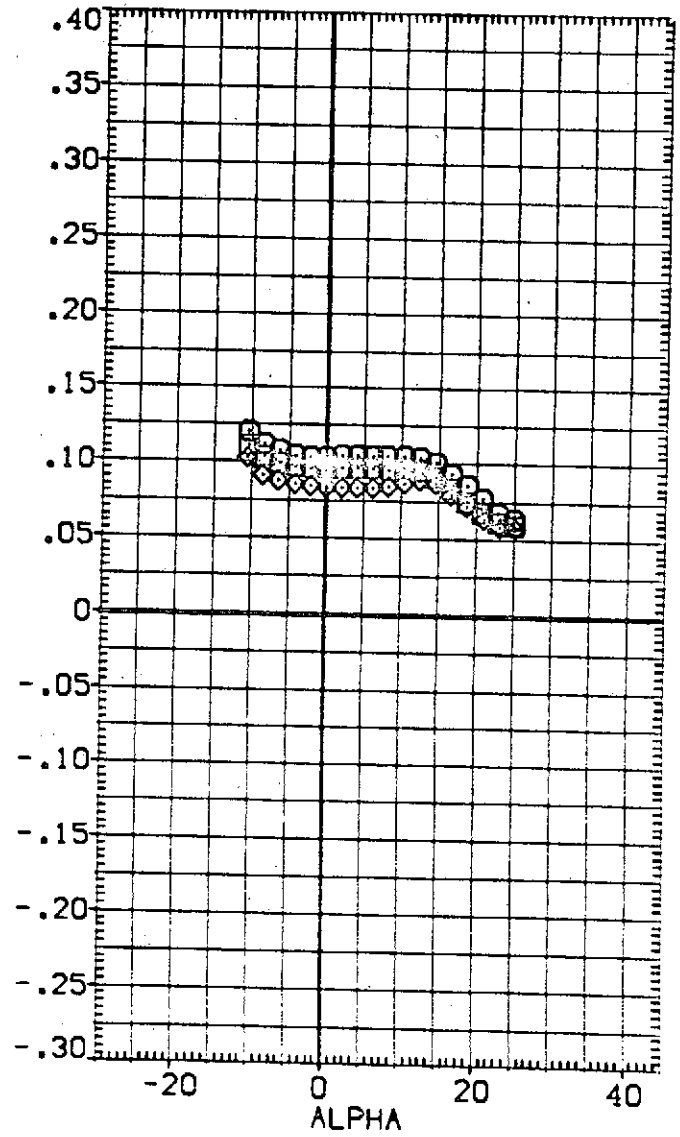


FIG 5 EFFECT OF ELEVON CONFIGURATION, ELEVON = -5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6011)	○	0A118	B26C9M7F8W116E26V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6010)	□	0A118	B26C9M7F8W116E28V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6024)	◇	0A118	B26C9M7F8W116E43V8R5X9	-5.000	-5.000	-5.000	-5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2099	INCHES
BREF	37.9359	INCHES
XMRP	43.6974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

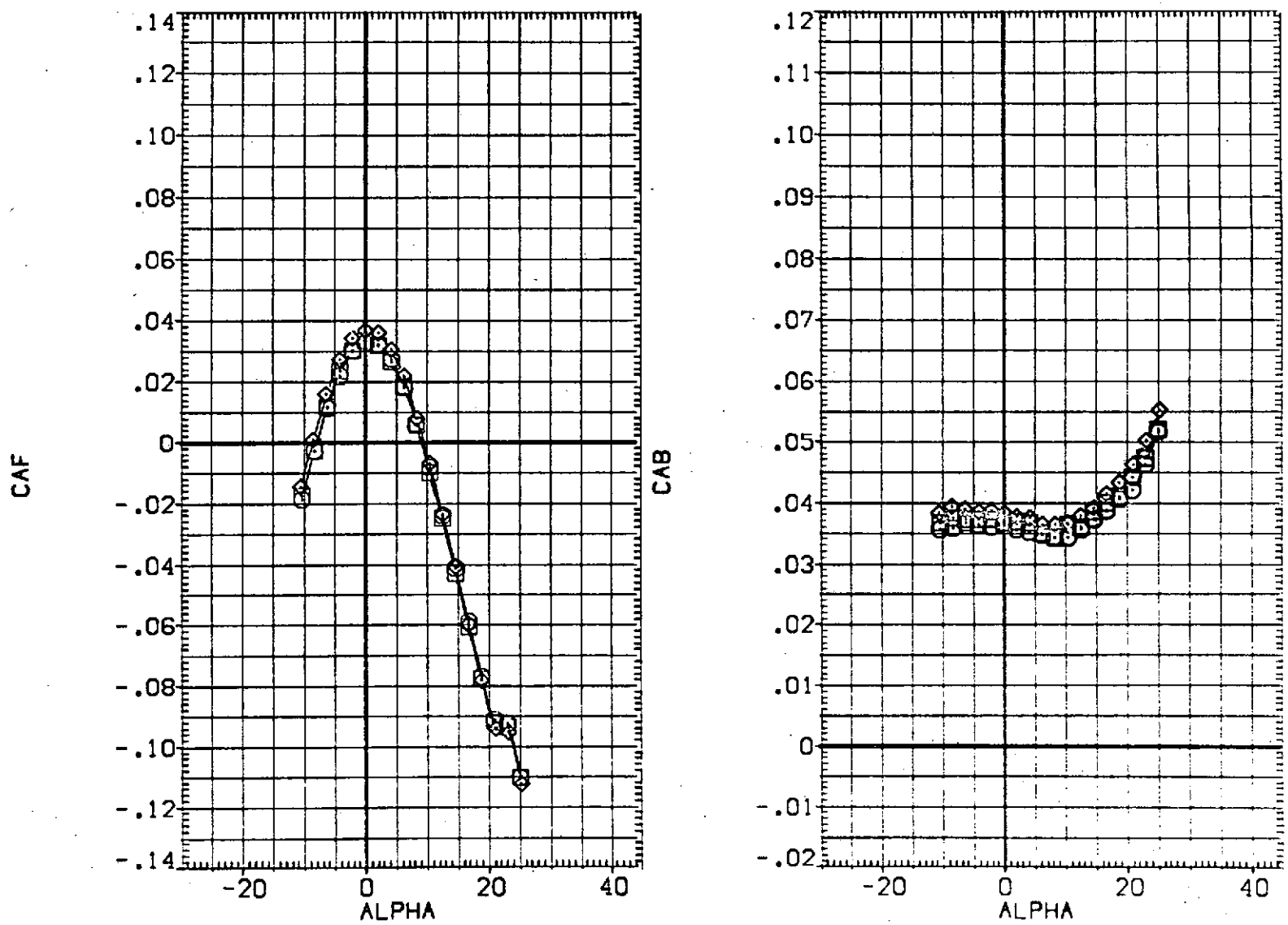


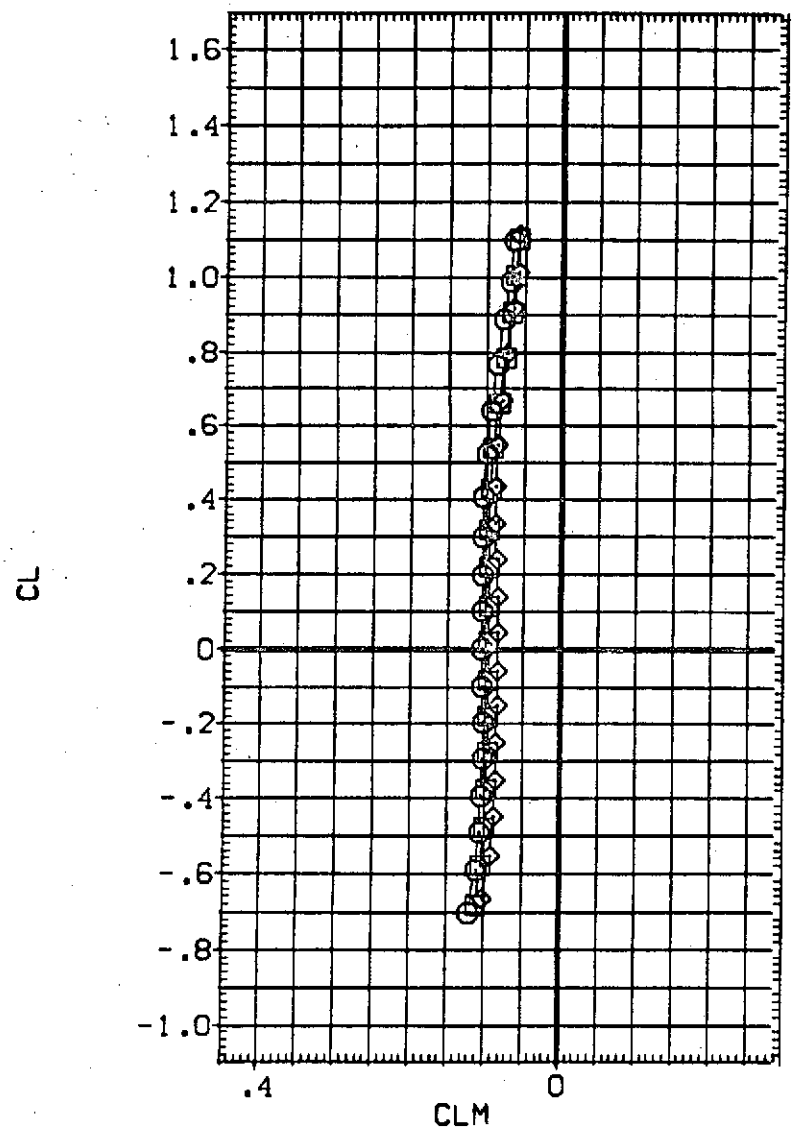
FIG 5 EFFECT OF ELEVON CONFIGURATION, ELEVON = -5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6011)	○	0A118	B26C9M7F8V116E26V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6010)	□	0A118	B26C9M7F8V116E28V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6024)	◇	0A118	B26C9M7F8V116E43V8R5X9	-5.000	-5.000	-5.000	-5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



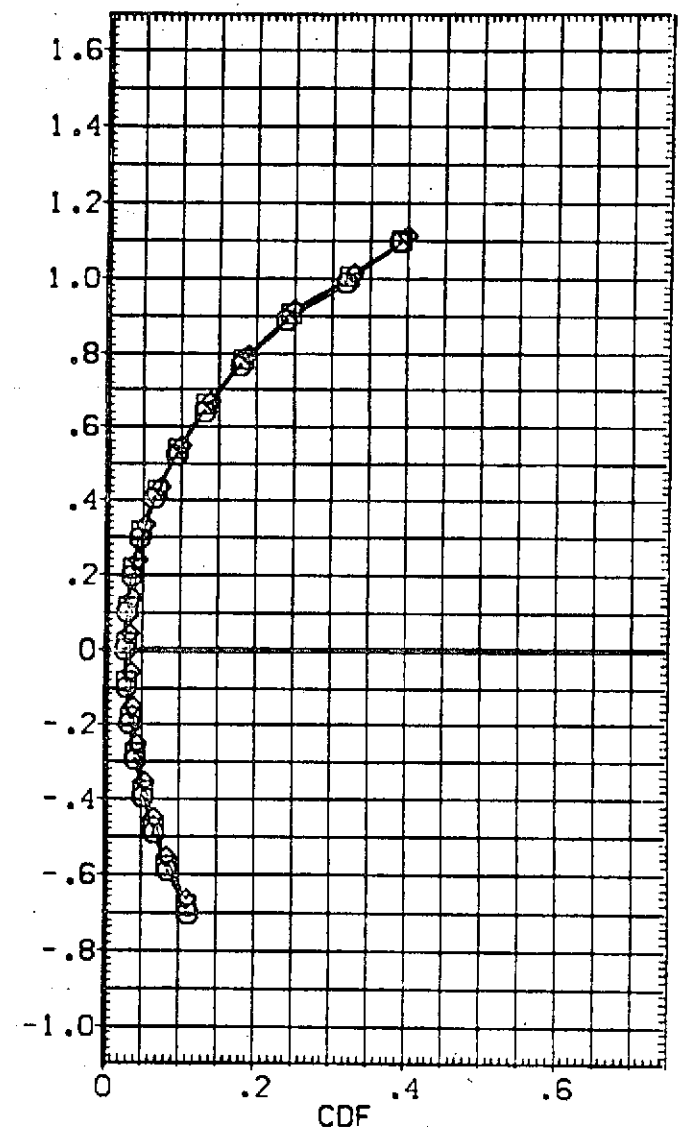


FIG 5 EFFECT OF ELEVON CONFIGURATION, ELEVON = -5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	OA118 B26C9M7F8W116E26V8R5X9
(BF6010)	□	OA118 B26C9M7F8W116E28V8R5X9
(BF6024)	◇	OA118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000
-5.000	-5.000	-5.000	-5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

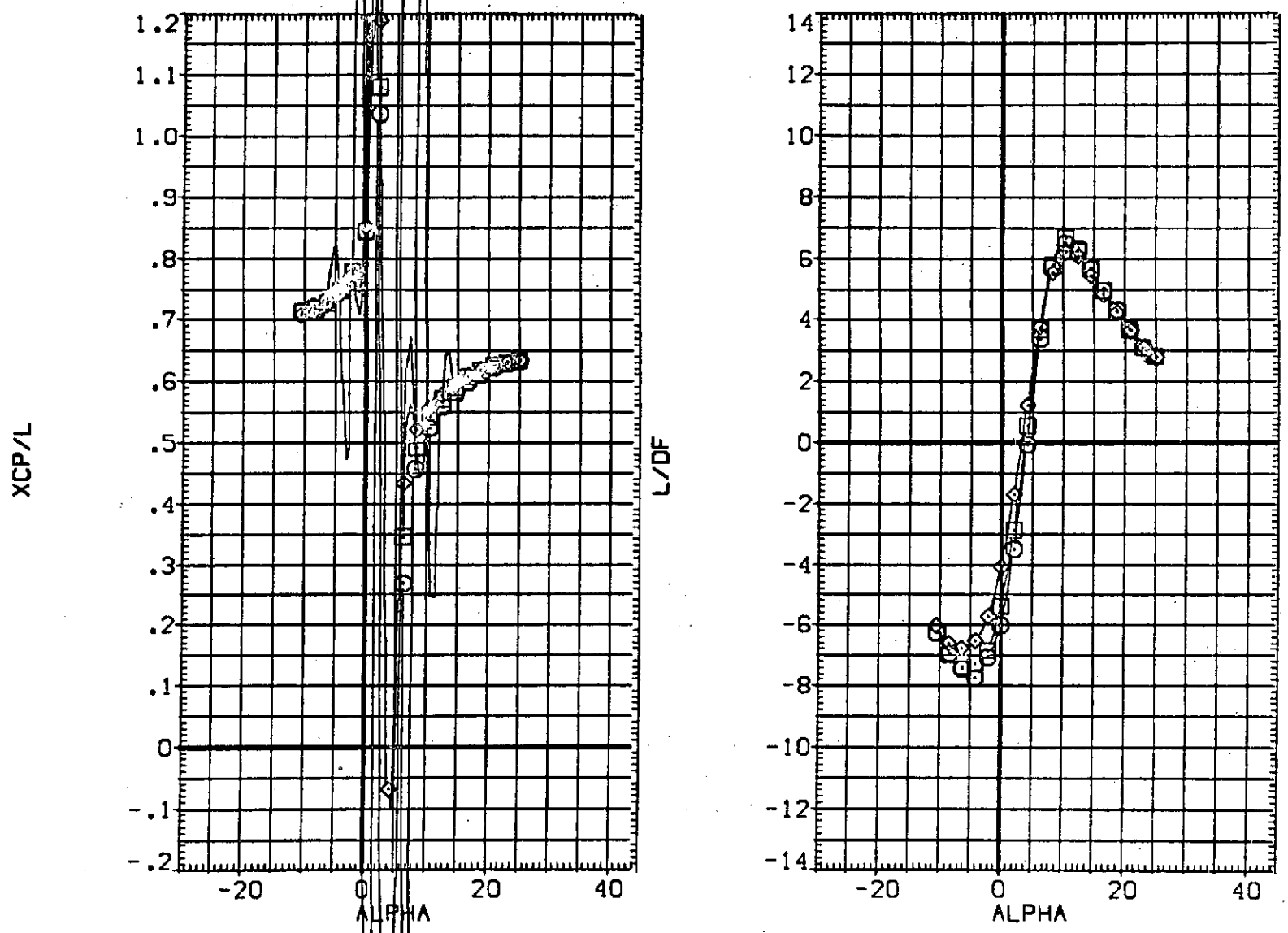


FIG 5 EFFECT OF ELEVON CONFIGURATION, ELEVON = -5 DEG.

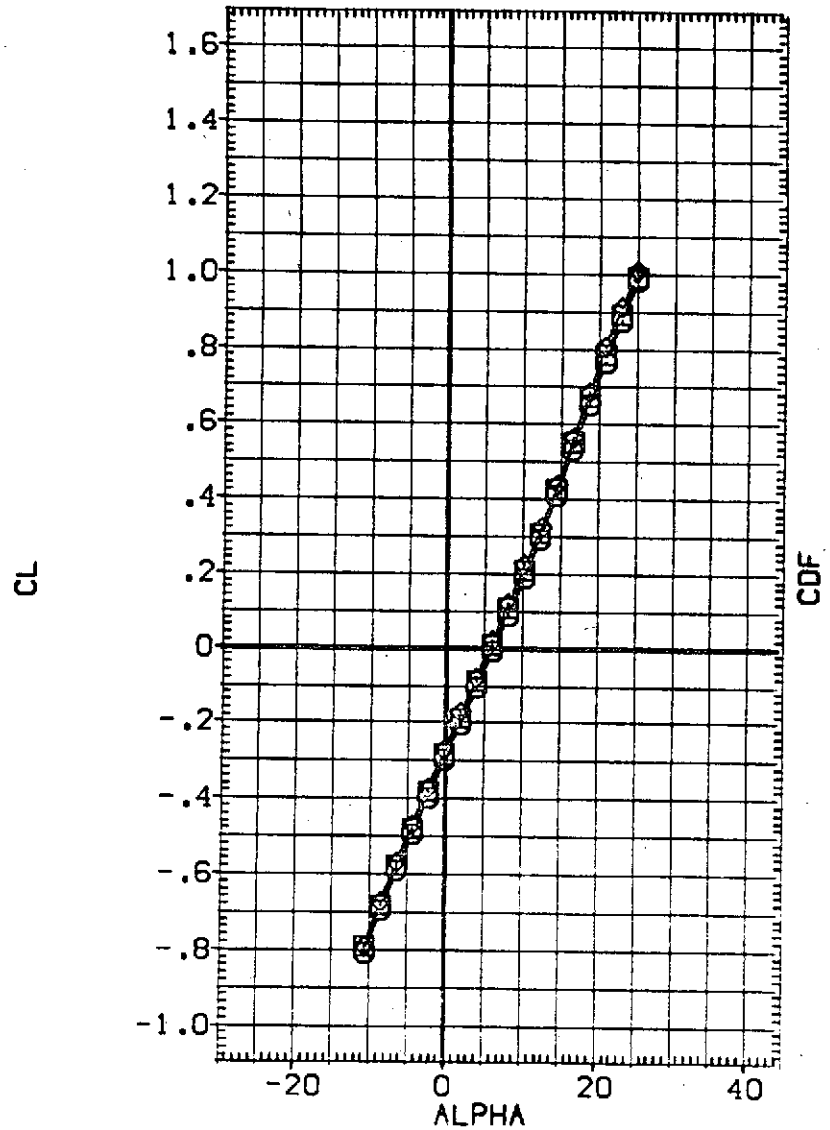
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6006)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6005)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6025)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



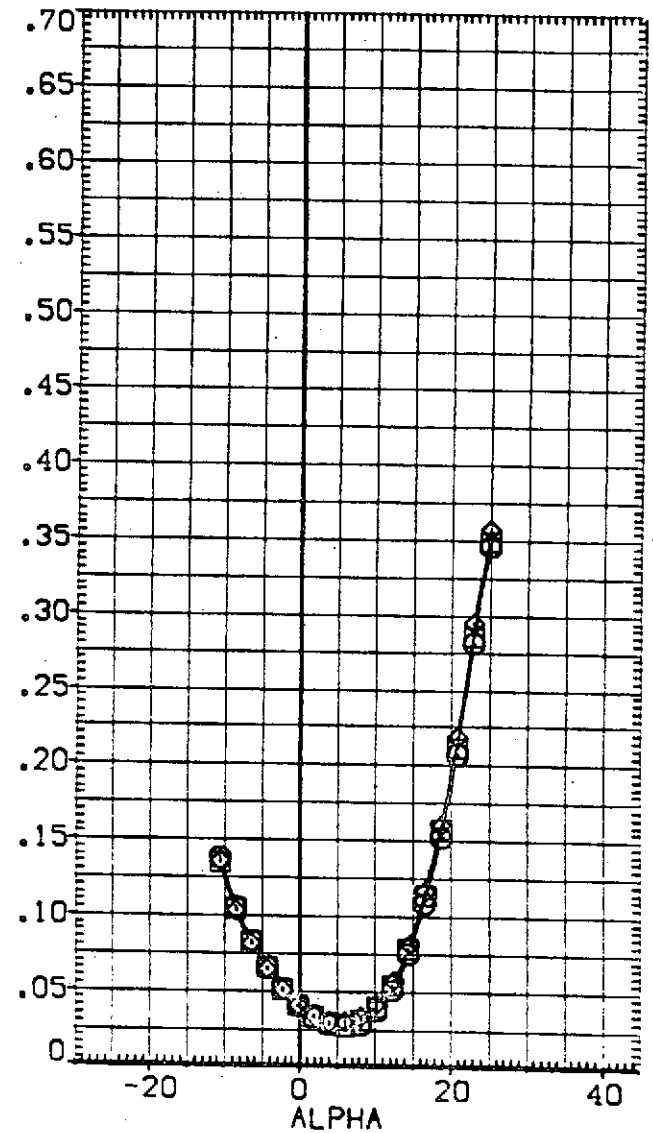


FIG 6 EFFECT OF ELEVON CONFIGURATION, ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6006)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6005)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6025)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

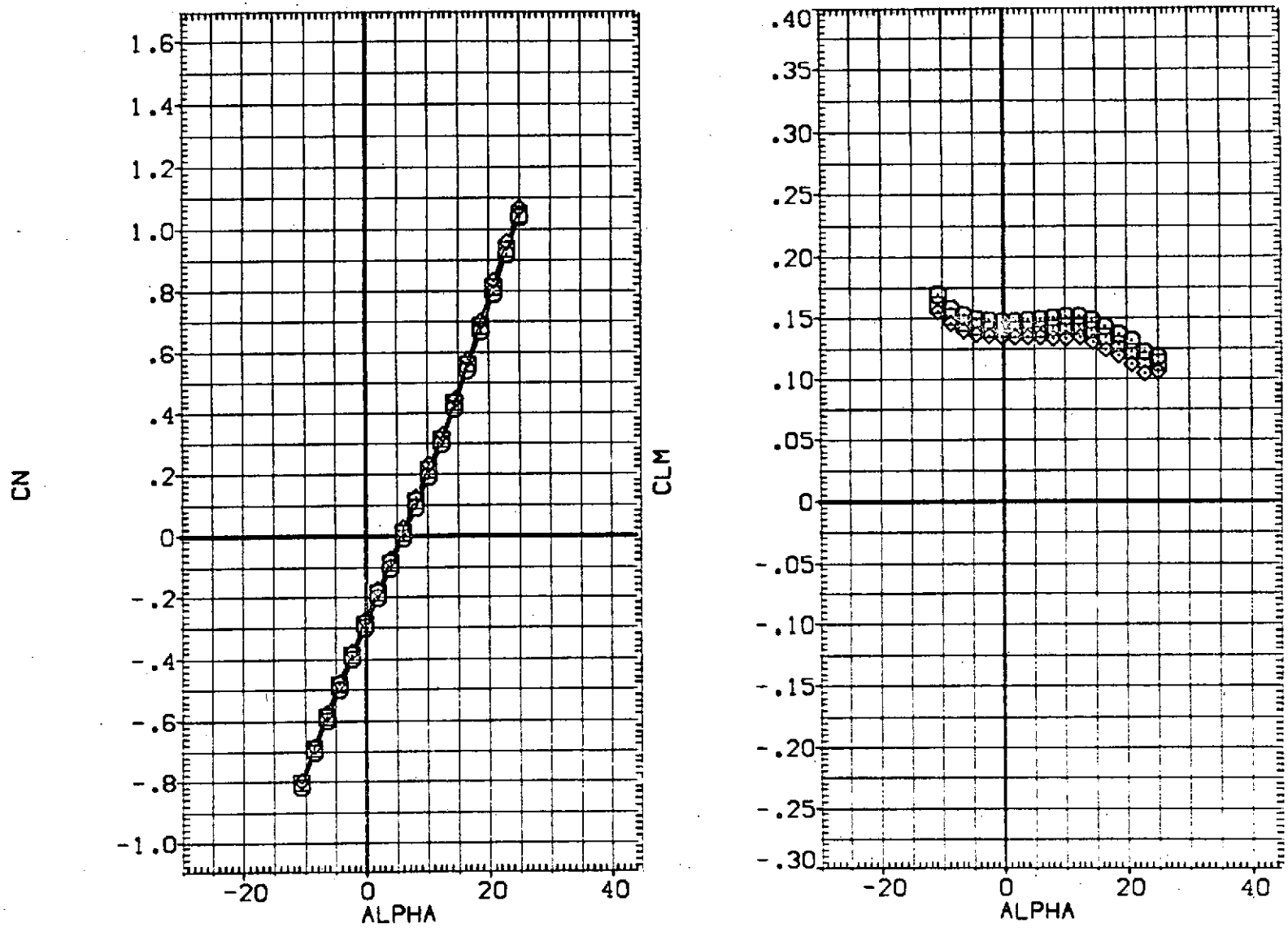


FIG 6 EFFECT OF ELEVON CONFIGURATION, ELEVON =-10 DEG.

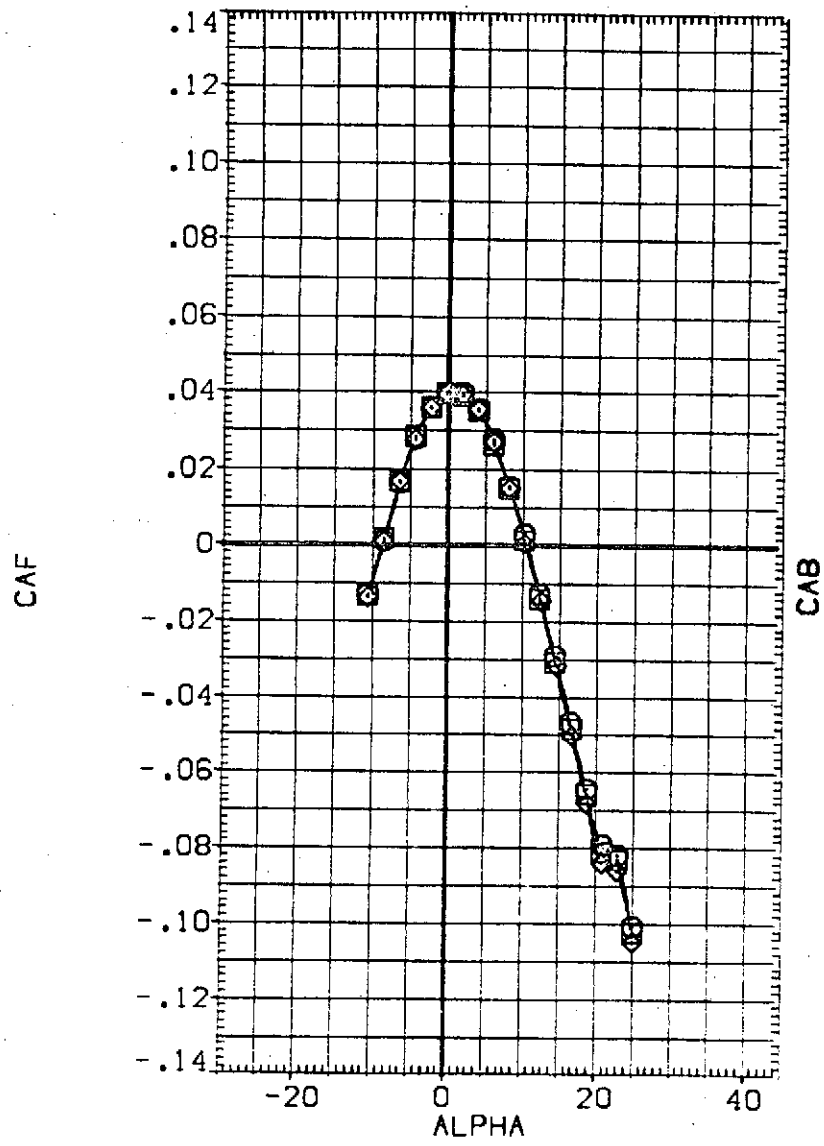
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6006)	○	OA118 B26C9M7F8W116E26V8R5X9
(BF6005)	□	OA118 B26C9M7F8W116E28V8R5X9
(BF6025)	◇	OA118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000
-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2289	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



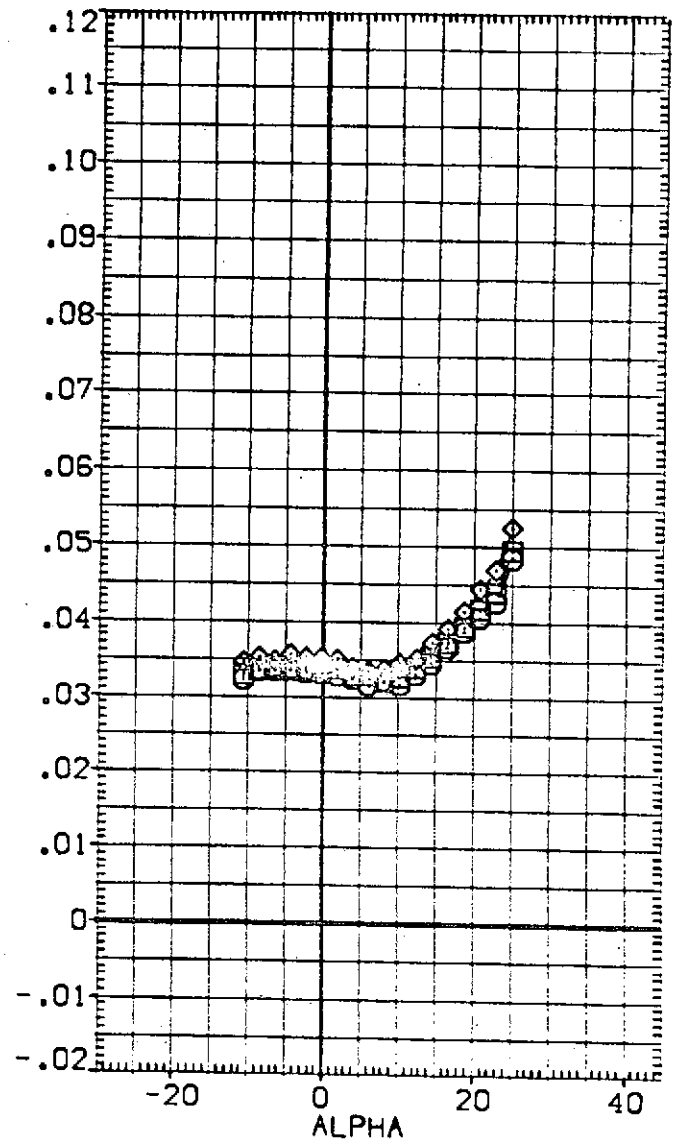


FIG 6 EFFECT OF ELEVON CONFIGURATION, ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6006)	○	0A118 B26C9M7F8W116E26V8R5X9	-10.000	-10.000	-10.000	-10.000
(BF6005)	□	0A118 B26C9M7F8W116E28V8R5X9	-10.000	-10.000	-10.000	-10.000
(BF6025)	◇	0A118 B26C9M7F8W116E43V8R5X9	-10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

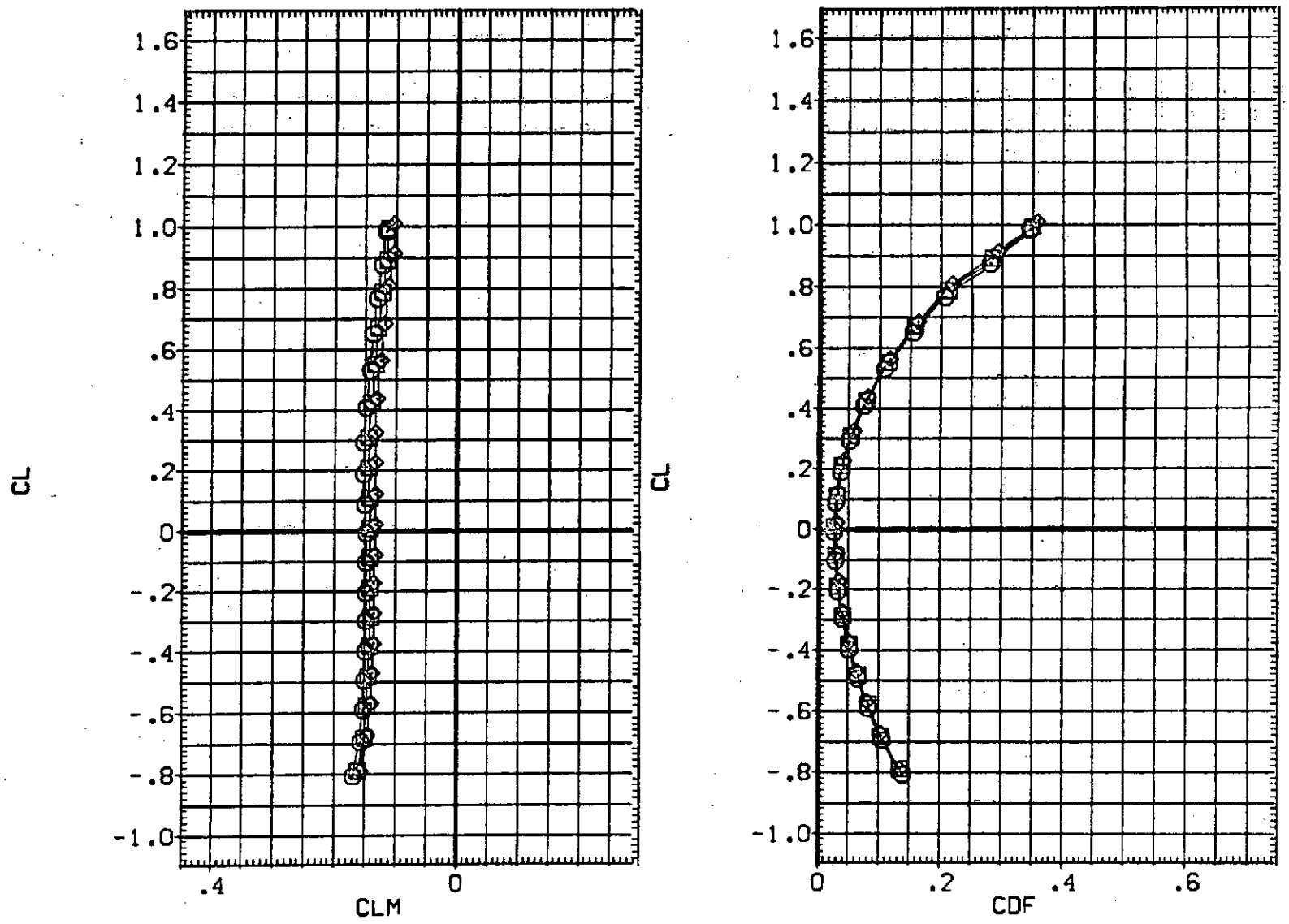


FIG 6 EFFECT OF ELEVON CONFIGURATION, ELEVON =-10 DEG.

(A)MACH = .26

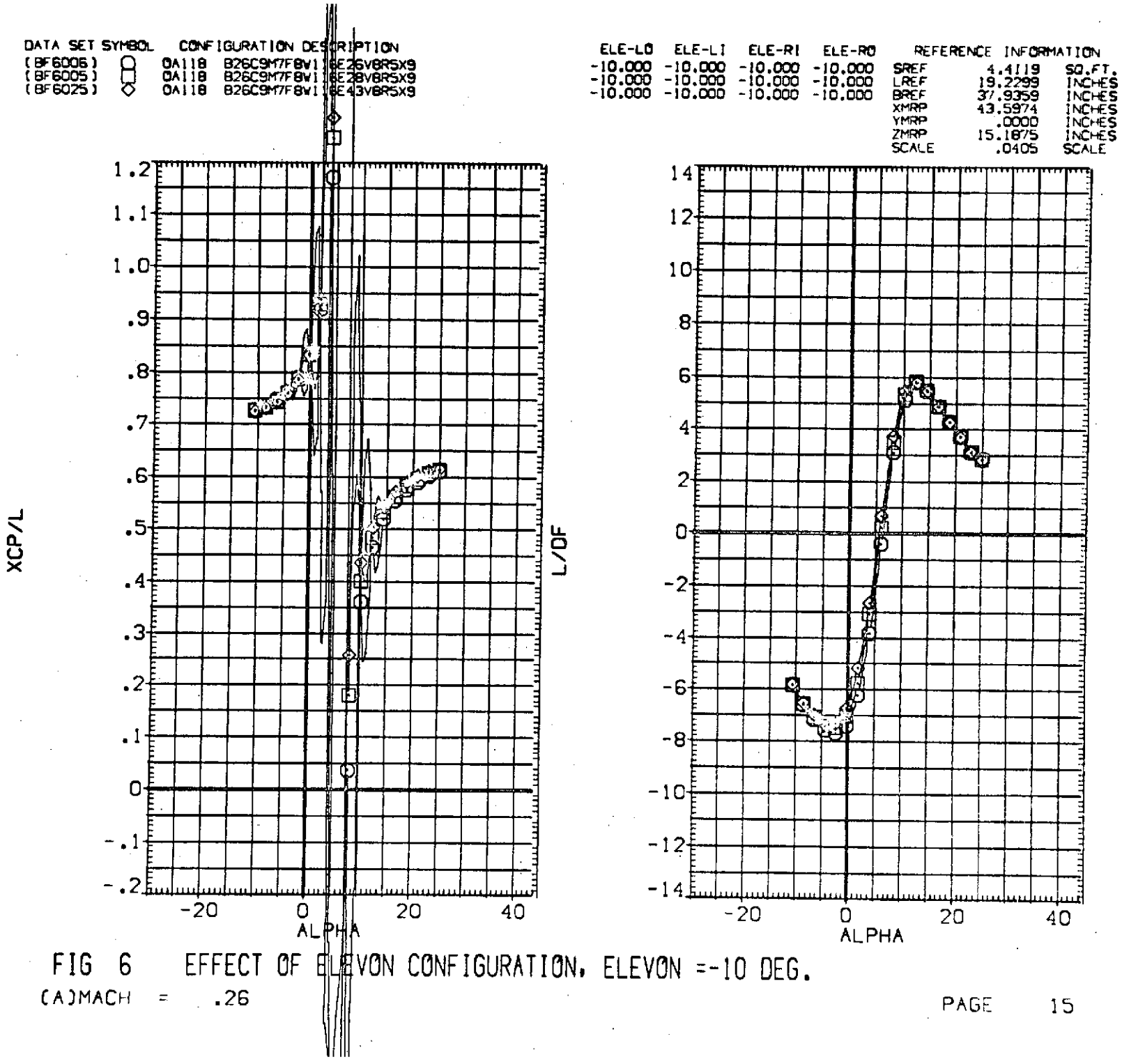


FIG 6 EFFECT OF ELEVON CONFIGURATION, ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6015)	○	0A118 B26C9M7F8W116E26V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6014)	□	0A118 B26C9M7F8W116E28V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6027)	◇	0A118 B26C9M7F8W116E43V8R5X9	-15.000	-15.000	-15.000	-15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

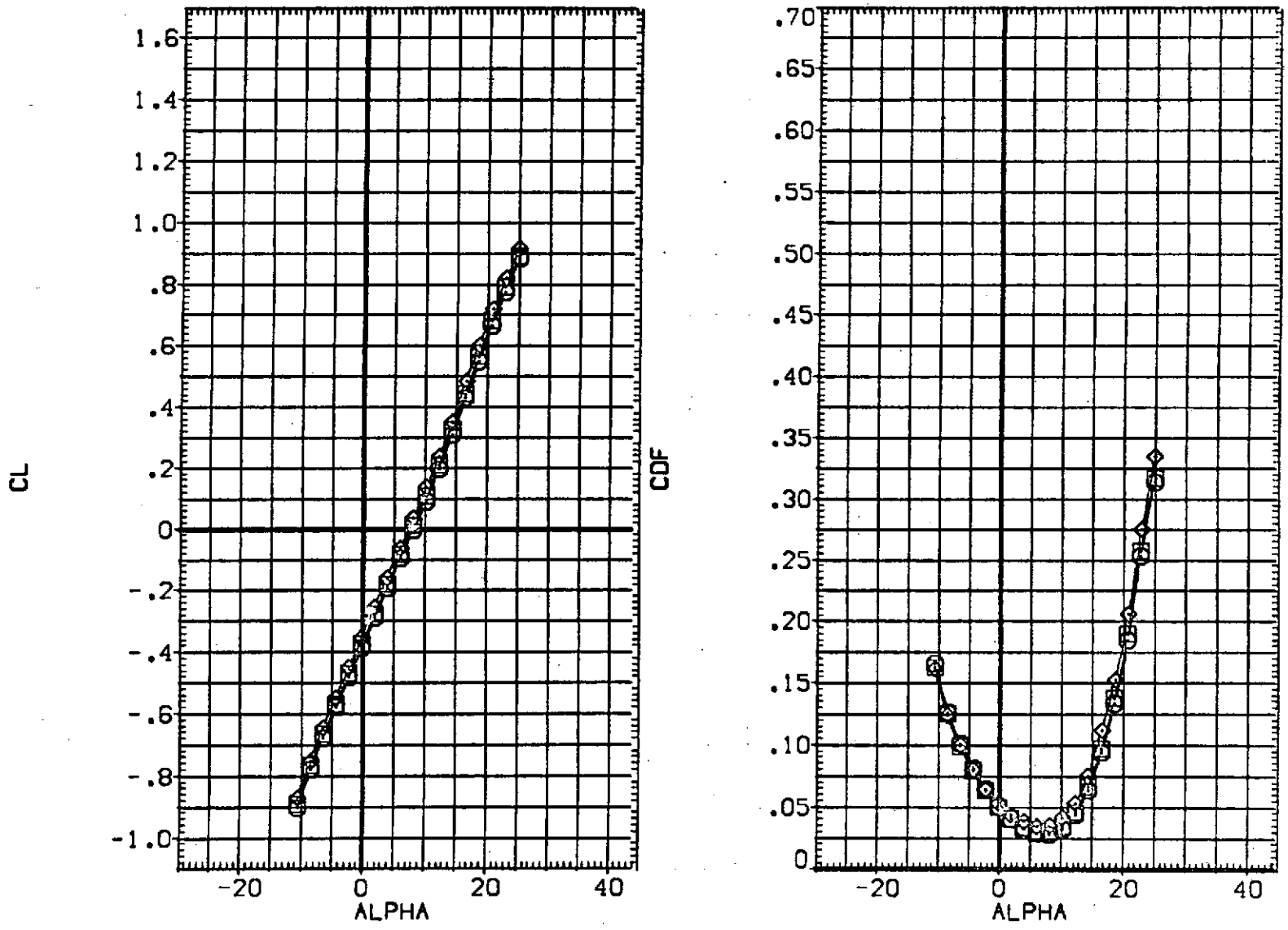


FIG 7 EFFECT OF ELEVON CONFIGURATION, ELEVON =-15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6015)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6014)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6027)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

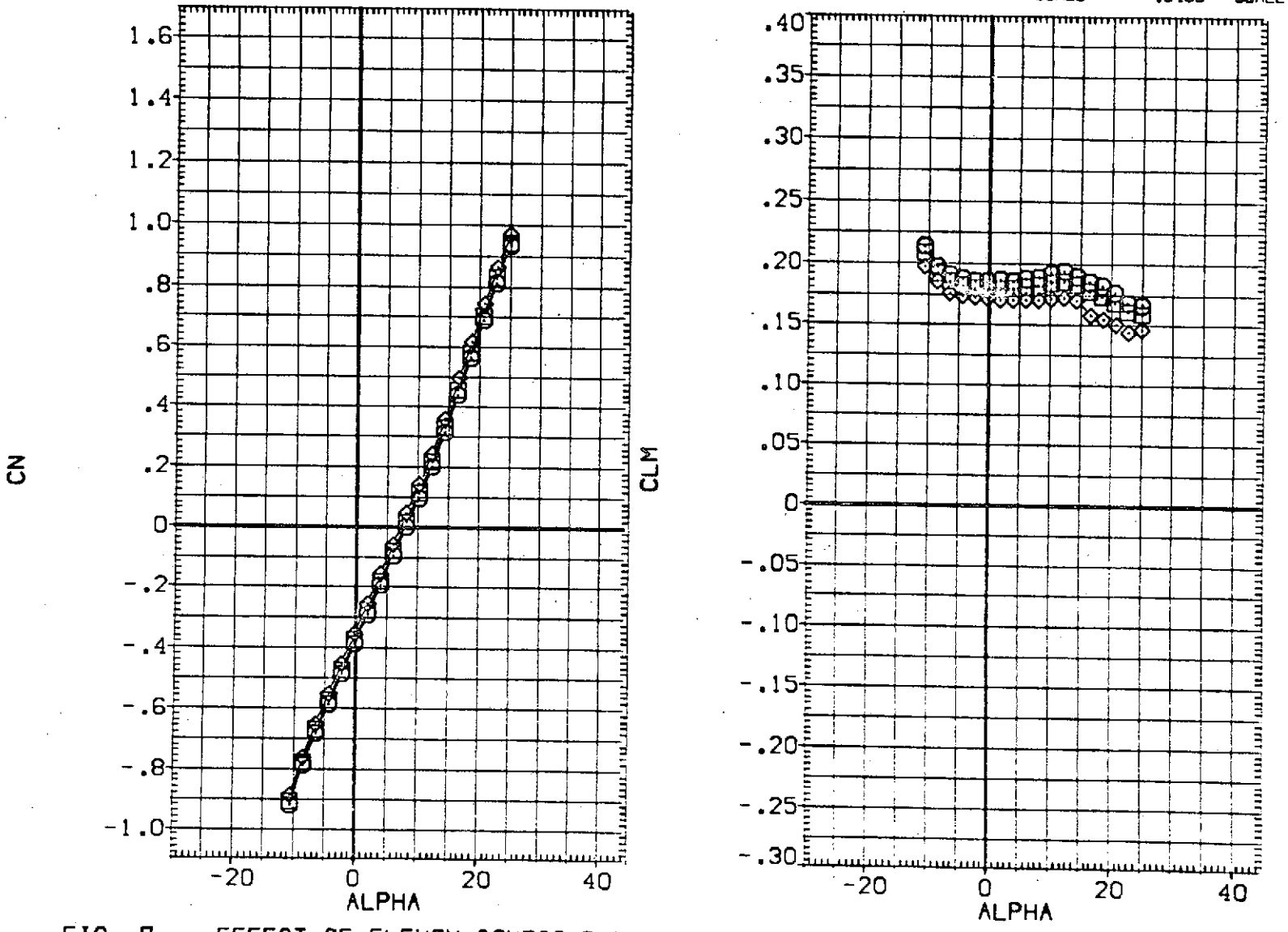


FIG 7 EFFECT OF ELEVON CONFIGURATION, ELEVON =-15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6015)	○	0A118 B26C9M7F8V116E26V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6014)	□	0A118 B26C9M7F8V116E28V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6027)	◇	0A118 B26C9M7F8V116E43V8R5X9	-15.000	-15.000	-15.000	-15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

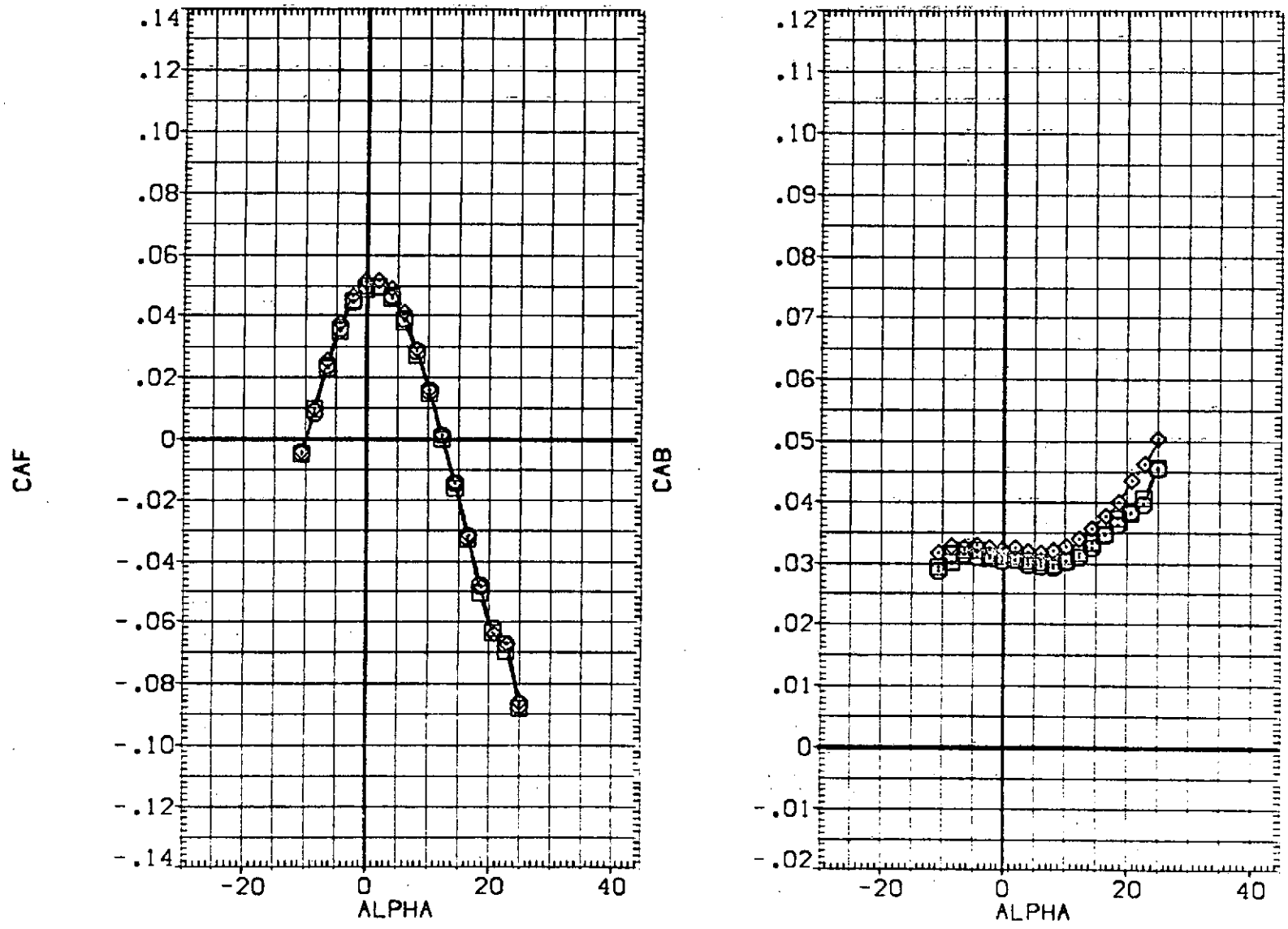


FIG 7 EFFECT OF ELEVON CONFIGURATION, ELEVON =-15 DEG.

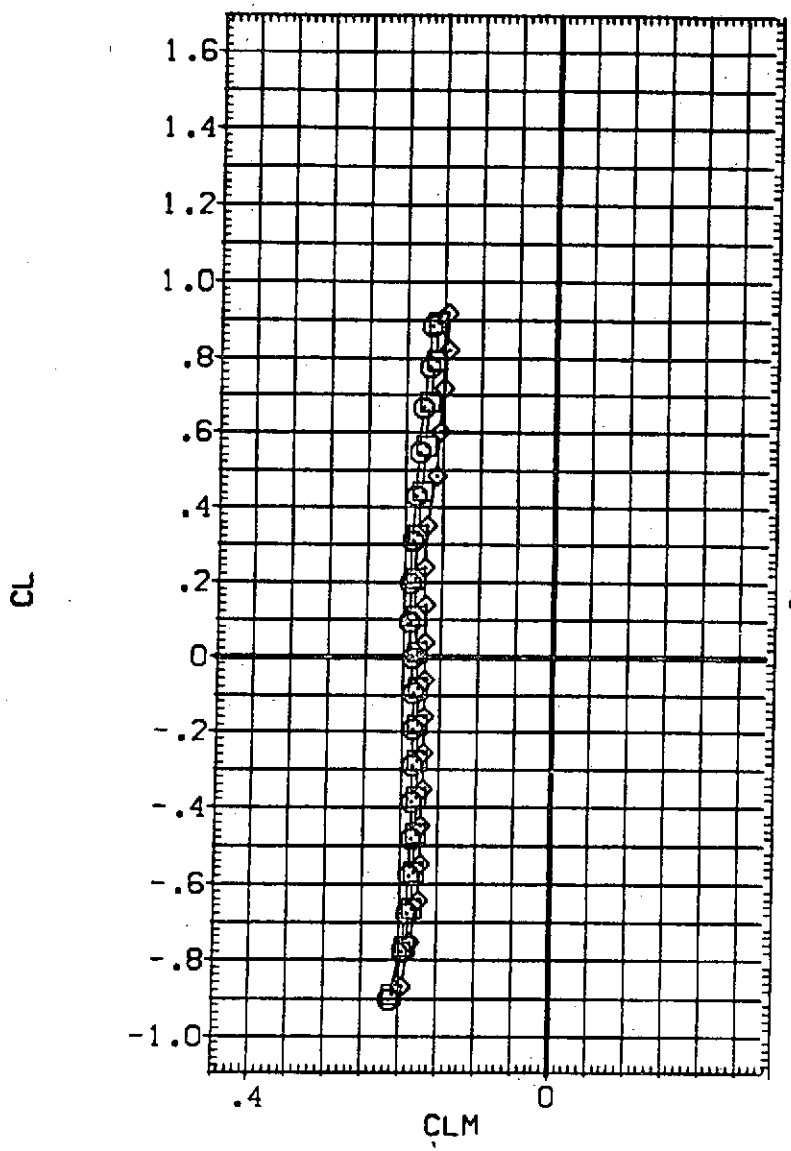
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6015)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6014)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6027)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



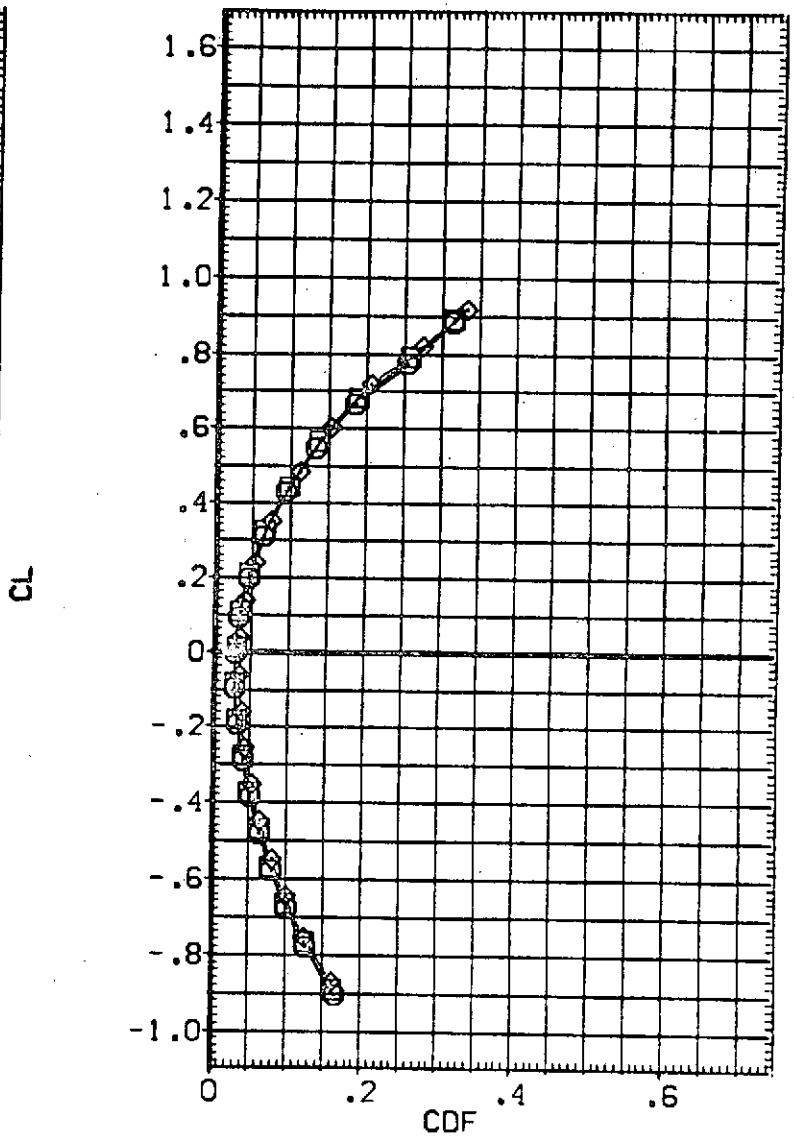


FIG 7 EFFECT OF ELEVON CONFIGURATION, ELEVON =-15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6015)	○	0A118 B26C9M7FBV1 B226V8R5X9
(BF6014)	□	0A118 B26C9M7FBV1 B129V8R5X9
(BF6027)	◇	0A118 B26C9M7FBV1 B143V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000
-15.000	-15.000	-15.000	-15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

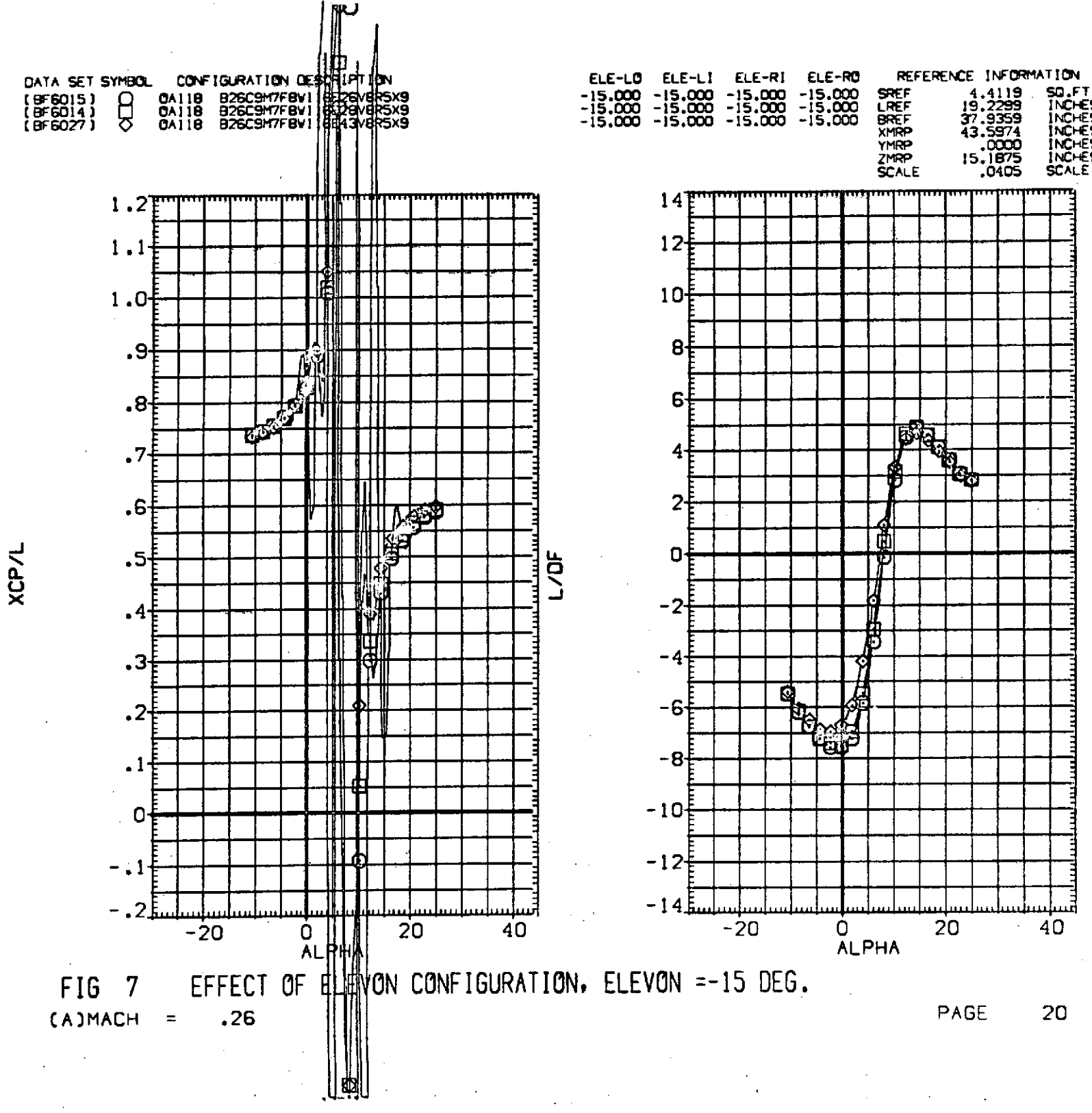


FIG 7 EFFECT OF ELEVON CONFIGURATION, ELEVON =-15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6030)	○	0A118 826C9M7F8W116E26V8R5X9
(BF6029)	□	0A118 826C9M7F8W116E28V8R5X9
(BF6028)	◇	0A118 826C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

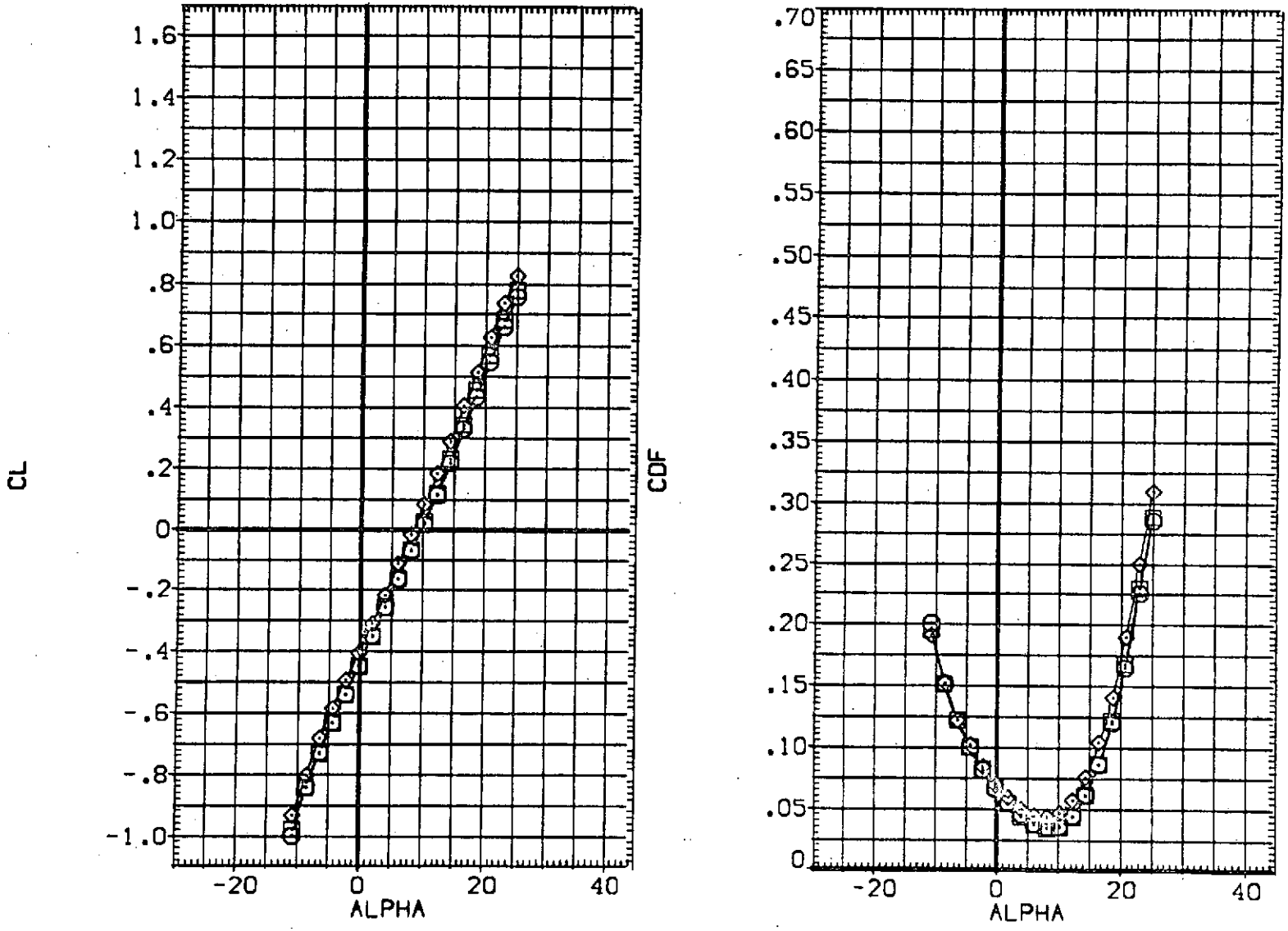


FIG 8 EFFECT OF ELEVON CONFIGURATION, ELEVON =-20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6030)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6029)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

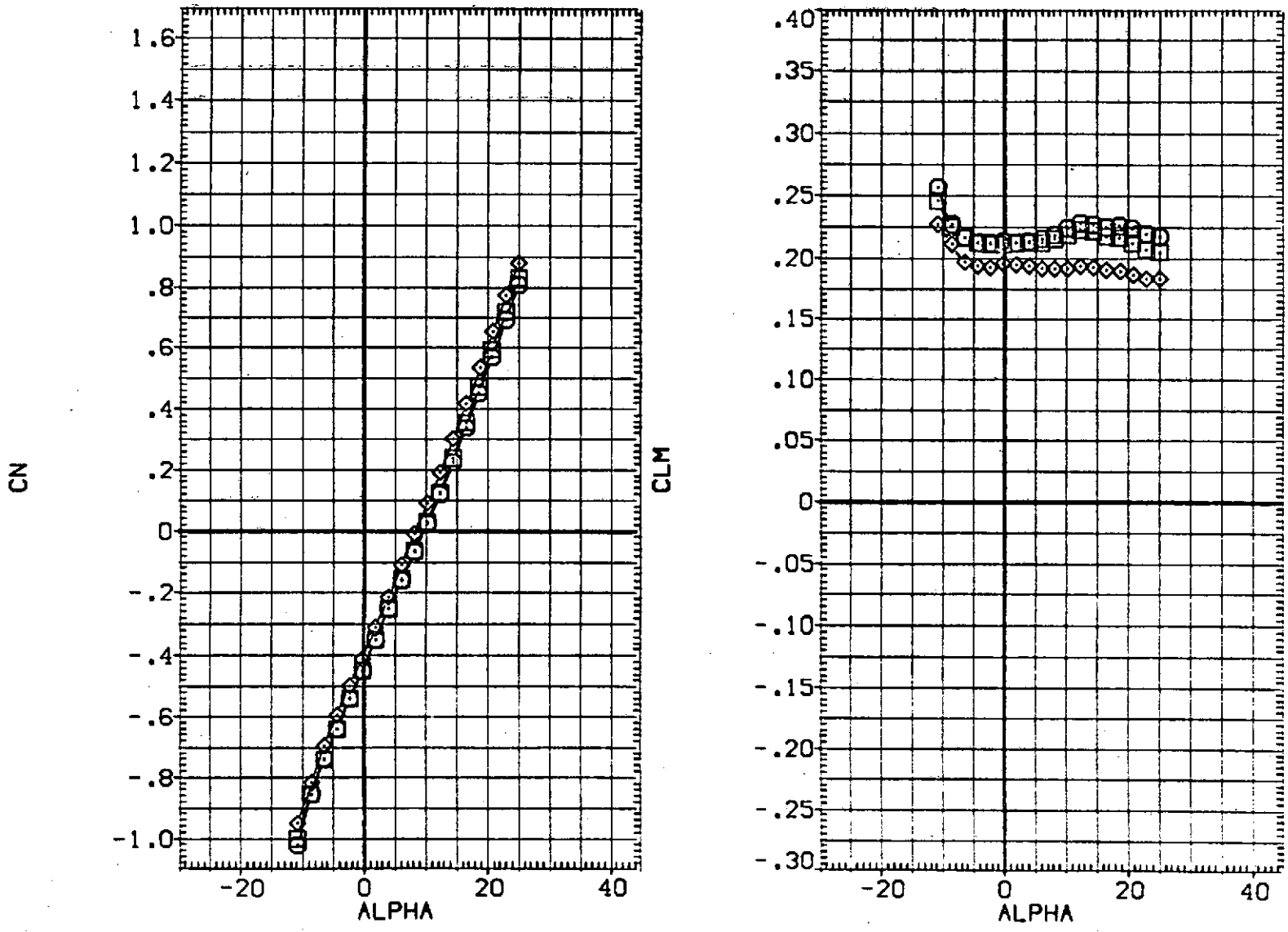


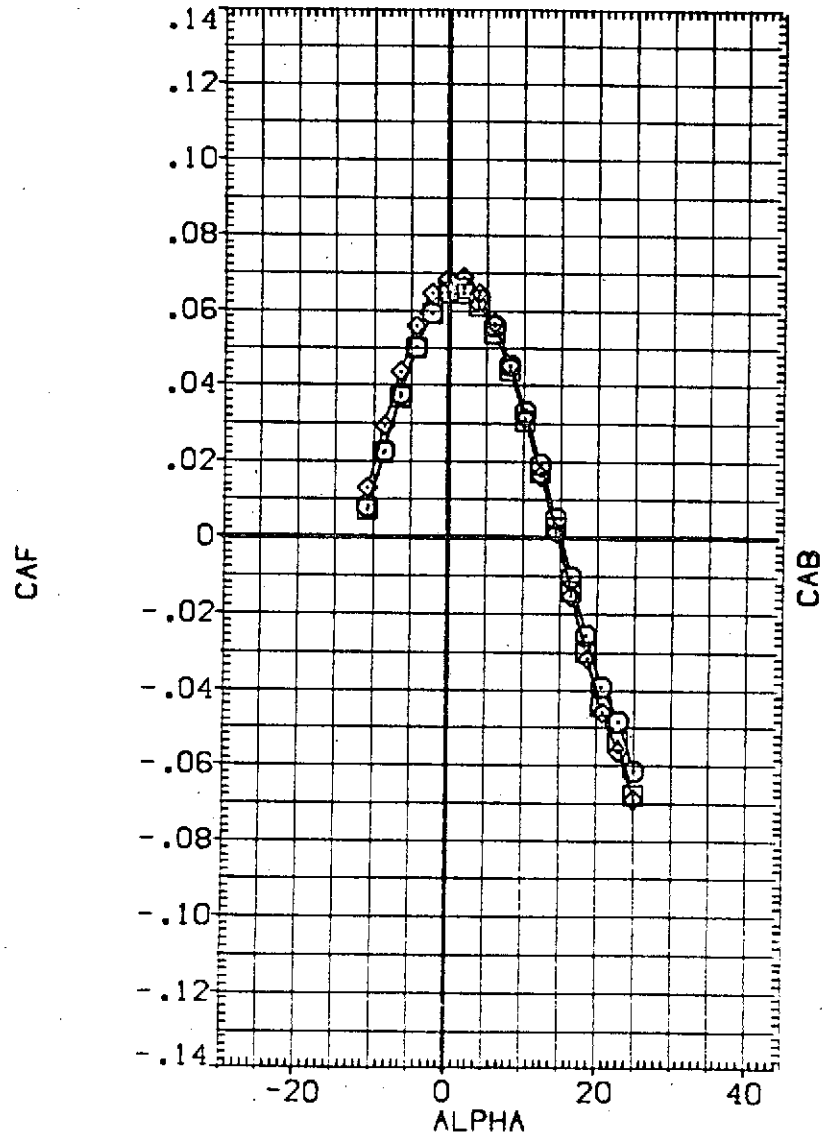
FIG 8 EFFECT OF ELEVON CONFIGURATION, ELEVON =-20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6030)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6029)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



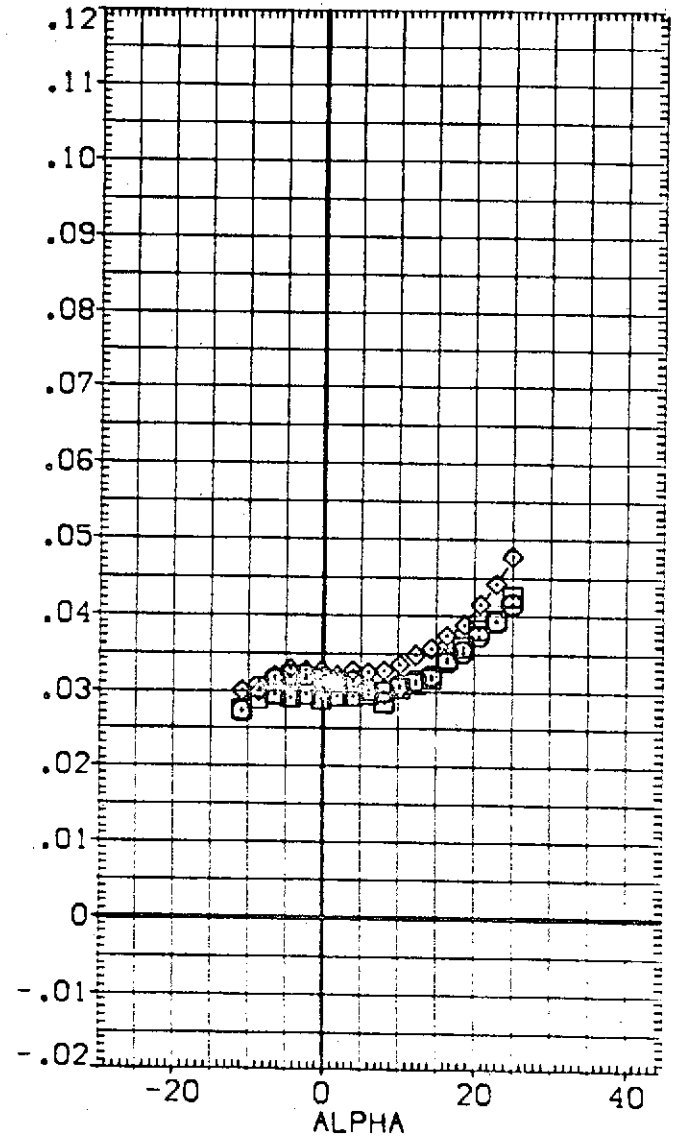


FIG 8 EFFECT OF ELEVON CONFIGURATION, ELEVON =-20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6030)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6029)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000
-20.000	-20.000	-20.000	-20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

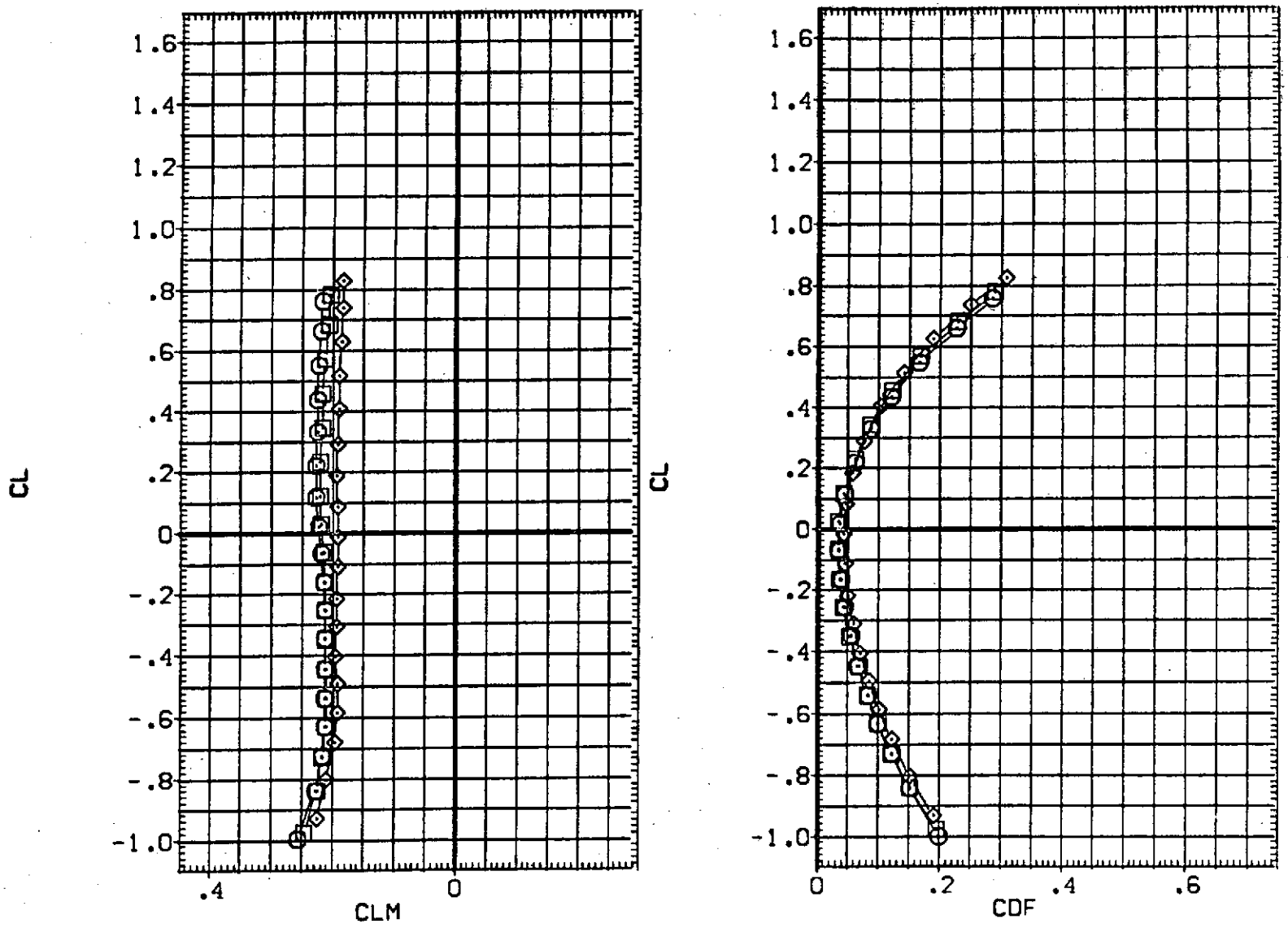


FIG 8 EFFECT OF ELEVON CONFIGURATION, ELEVON =-20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6030)	○	0A118 B26C9M7F8W116E26V8R5X9	-20.000	-20.000	-20.000	-20.000
(BF6029)	□	0A118 B26C9M7F8W116E28V8R5X9	-20.000	-20.000	-20.000	-20.000
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9	-20.000	-20.000	-20.000	-20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

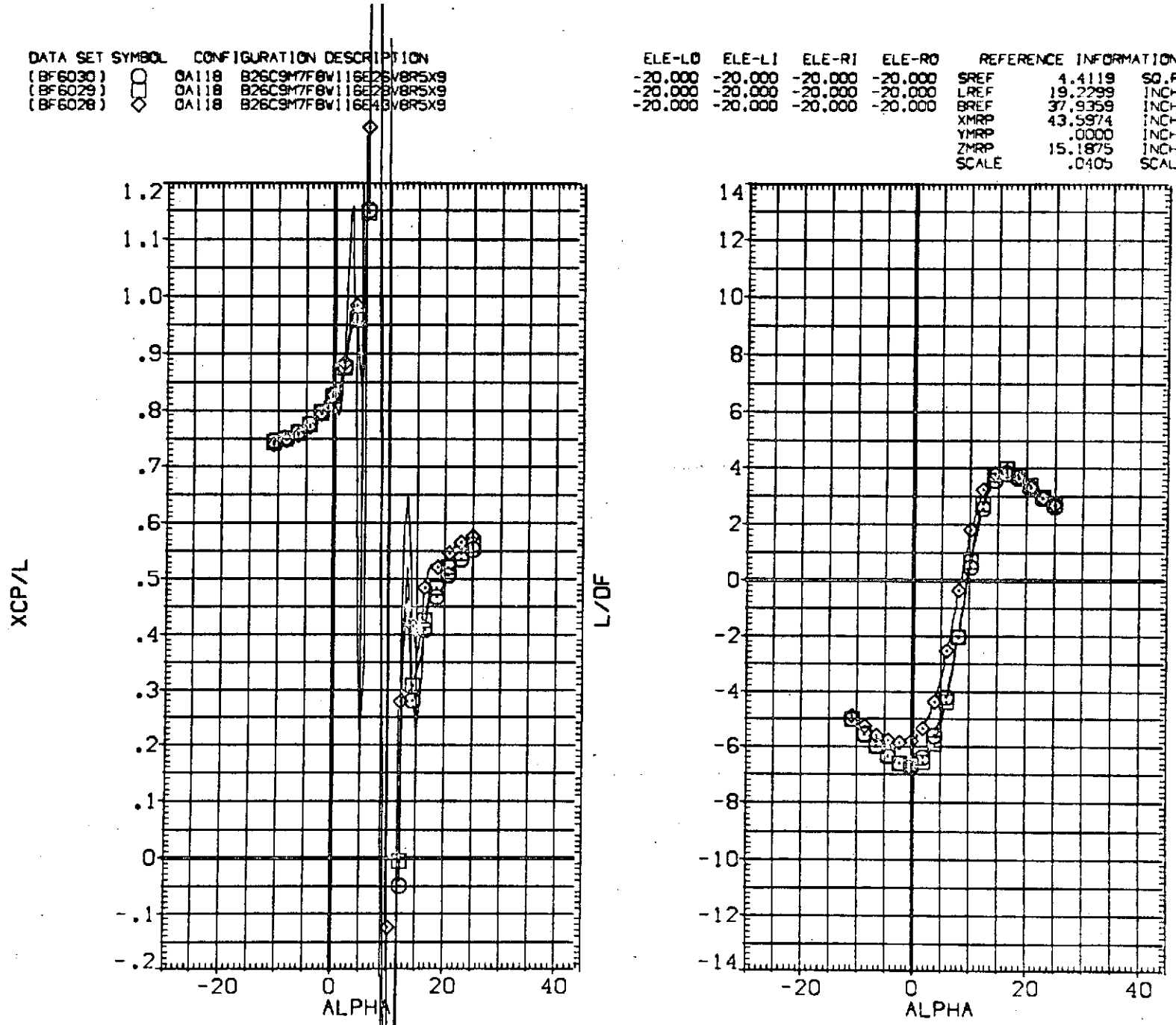


FIG 8 EFFECT OF ELEVON CONFIGURATION, ELEVON =-20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6031)	○	0A118 B26C9M7F8W116E26V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6032)	□	0A118 B26C9M7F8W116E28V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6033)	◇	0A118 B26C9M7F8W116E43V8R5X9	-30.000	-30.000	-30.000	-30.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

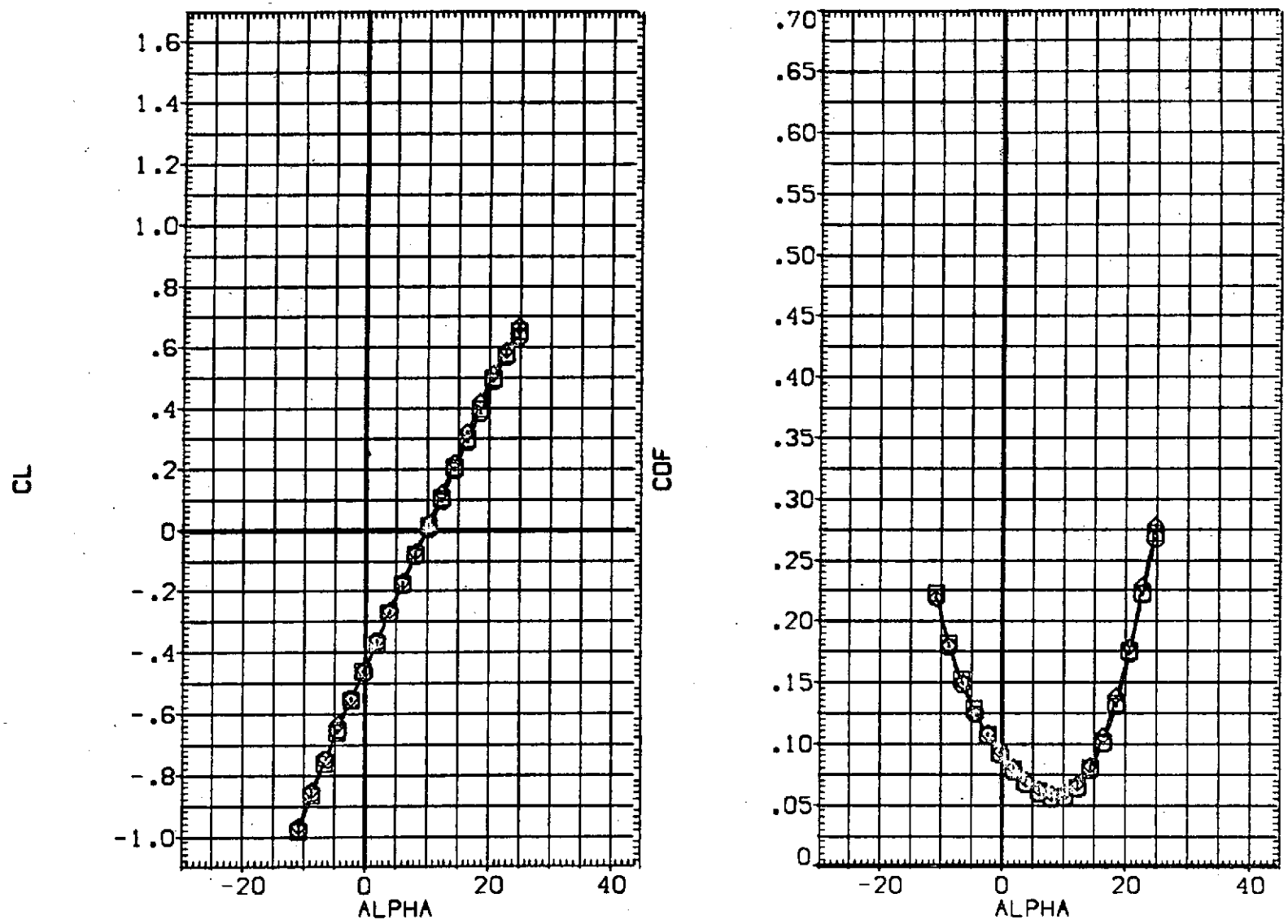


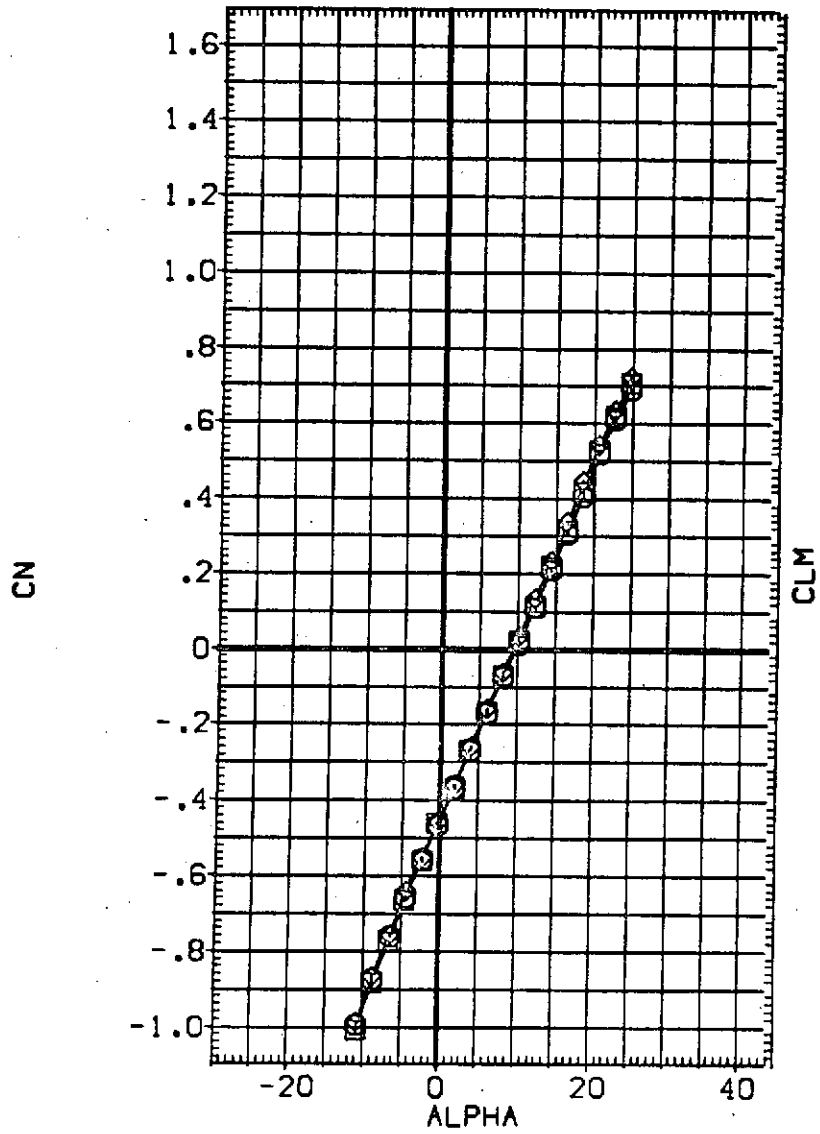
FIG 9 EFFECT OF ELEVON CONFIGURATION. ELEVON =-30 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6031)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6032)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6033)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



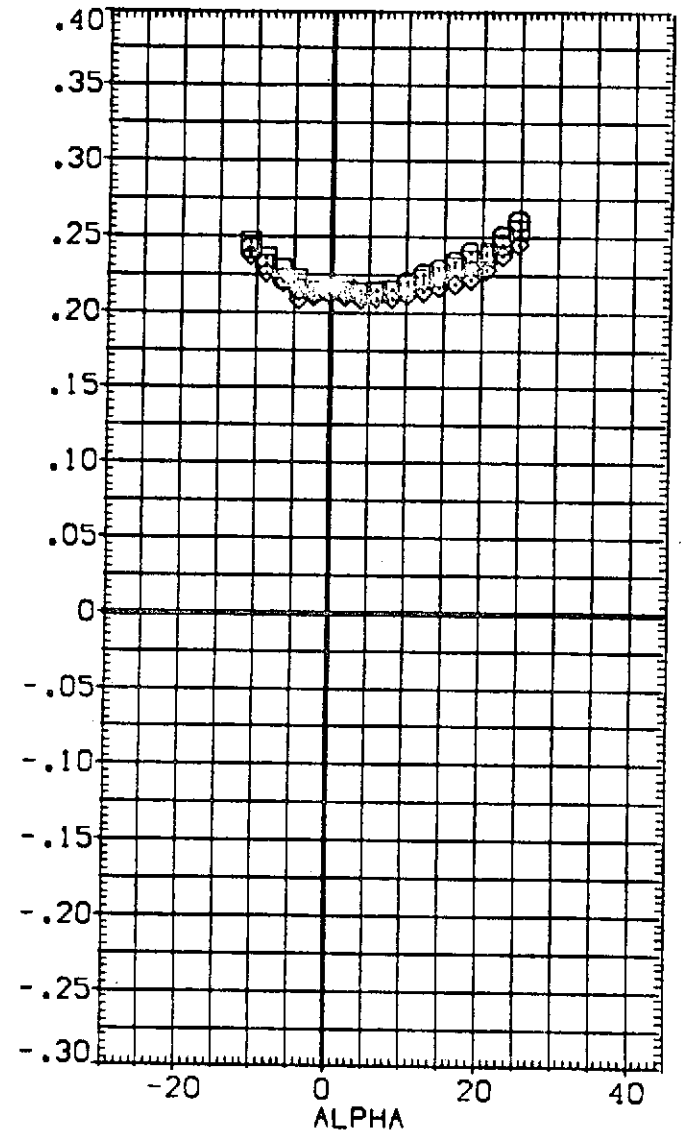


FIG 9 EFFECT OF ELEVON CONFIGURATION, ELEVON =-30 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6031)	○	0A118	B26C9M7F8W116E26V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6032)	□	0A118	B26C9M7F8W116E28V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6033)	◇	0A118	B26C9M7F8W116E43V8R5X9	-30.000	-30.000	-30.000	-30.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

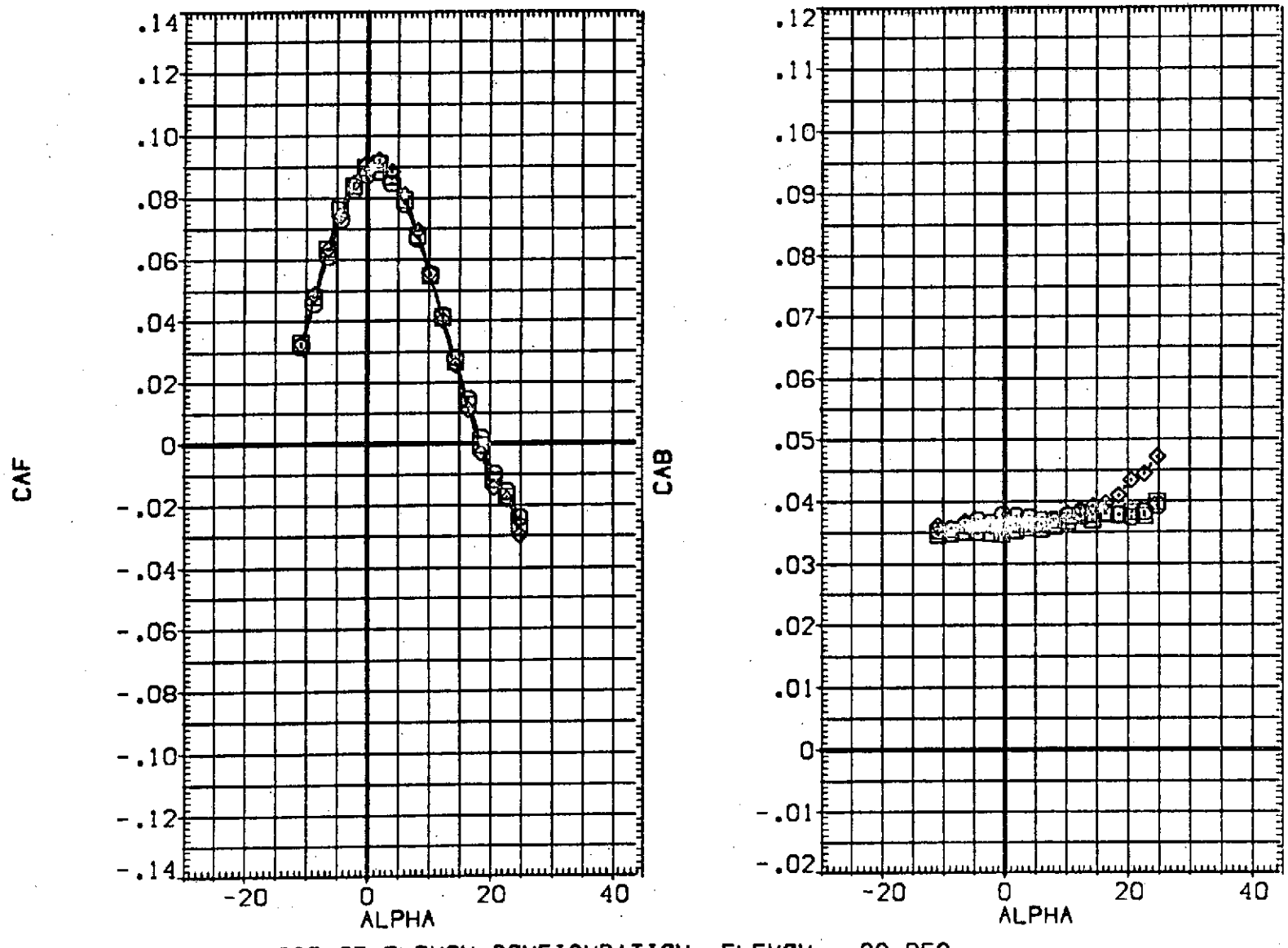


FIG 9 EFFECT OF ELEVON CONFIGURATION, ELEVON =-30 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6031)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6032)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6033)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

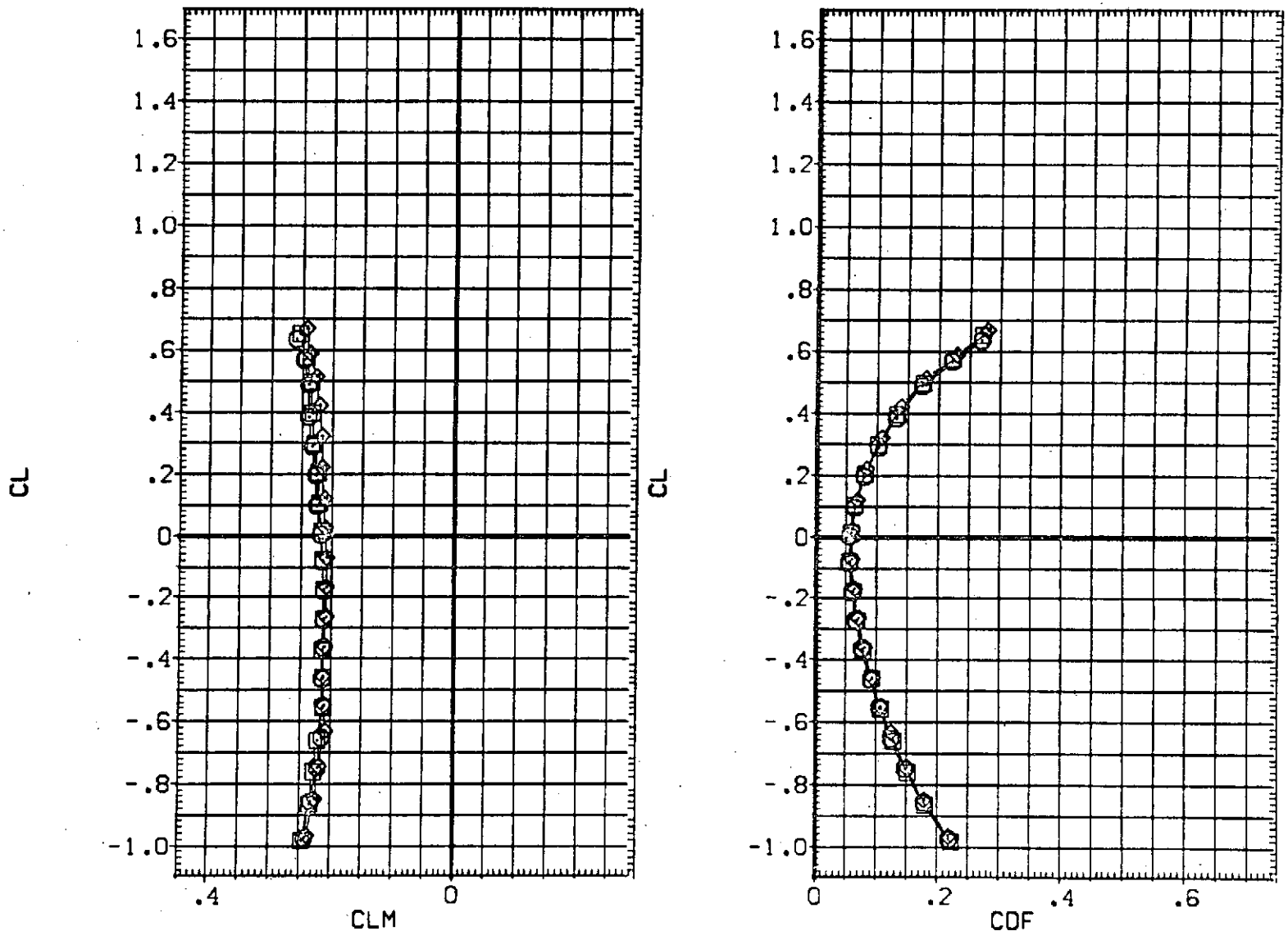


FIG 9 EFFECT OF ELEVON CONFIGURATION, ELEVON =-30 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6031)	○	OA118 B26C9M7F8V116E26V8R5X9
(BF6032)	□	OA118 B26C9M7F8V116E28V8R5X9
(BF6033)	◇	OA118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000
-30.000	-30.000	-30.000	-30.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

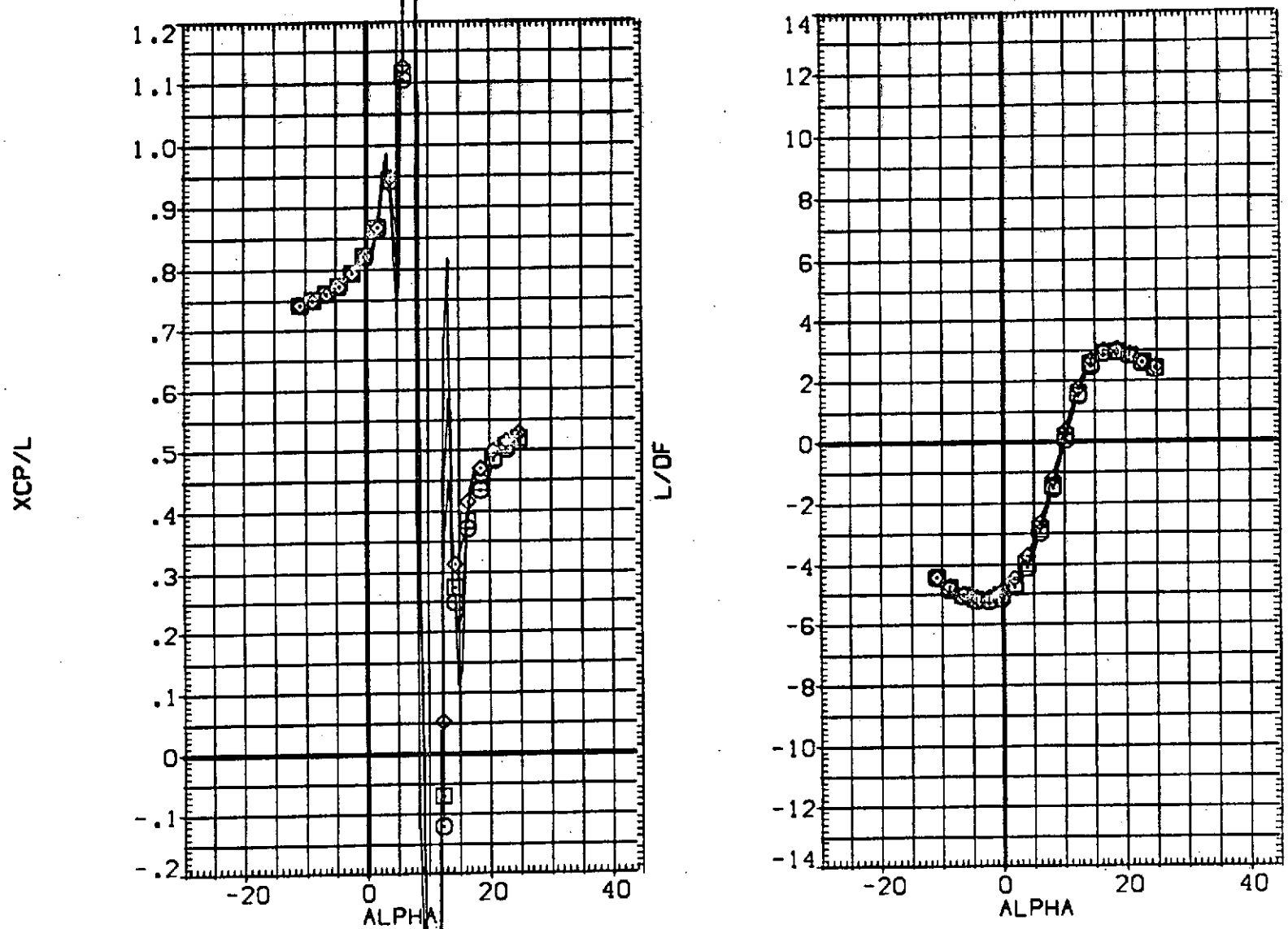


FIG 9 EFFECT OF ELEVON CONFIGURATION, ELEVON =-30 DEG.

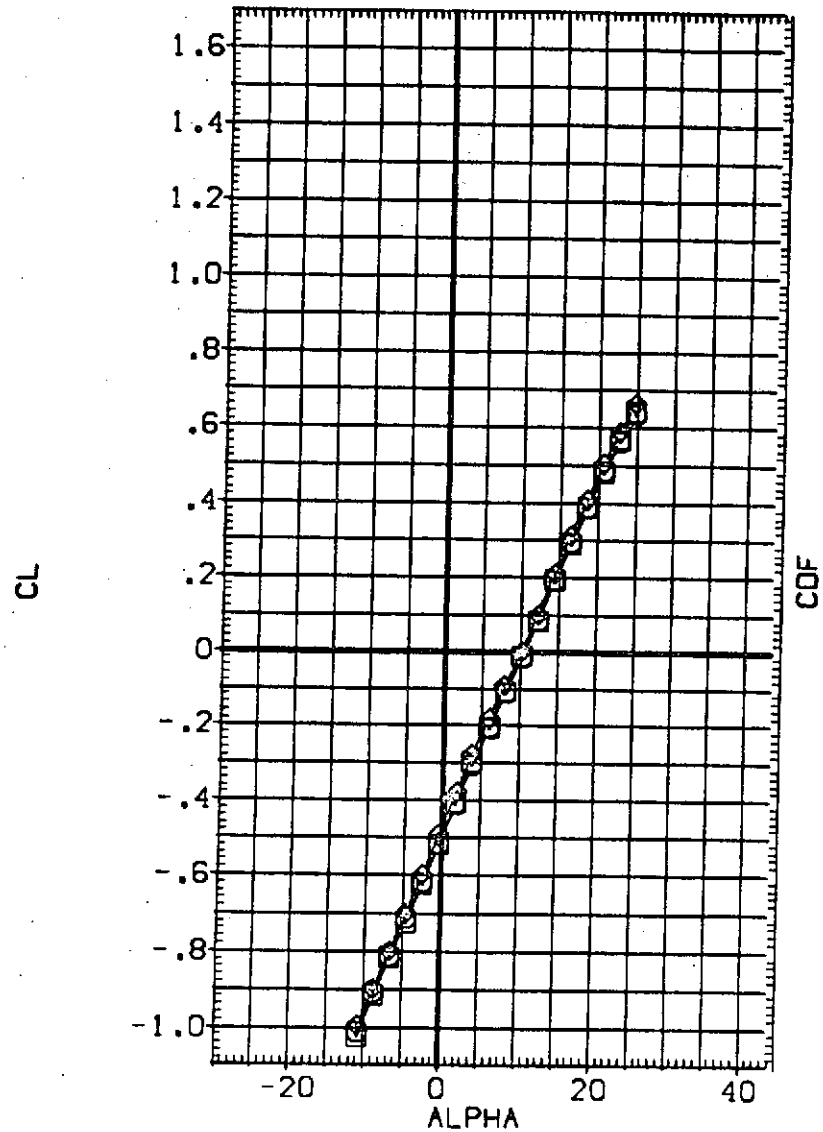
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6035)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6034)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



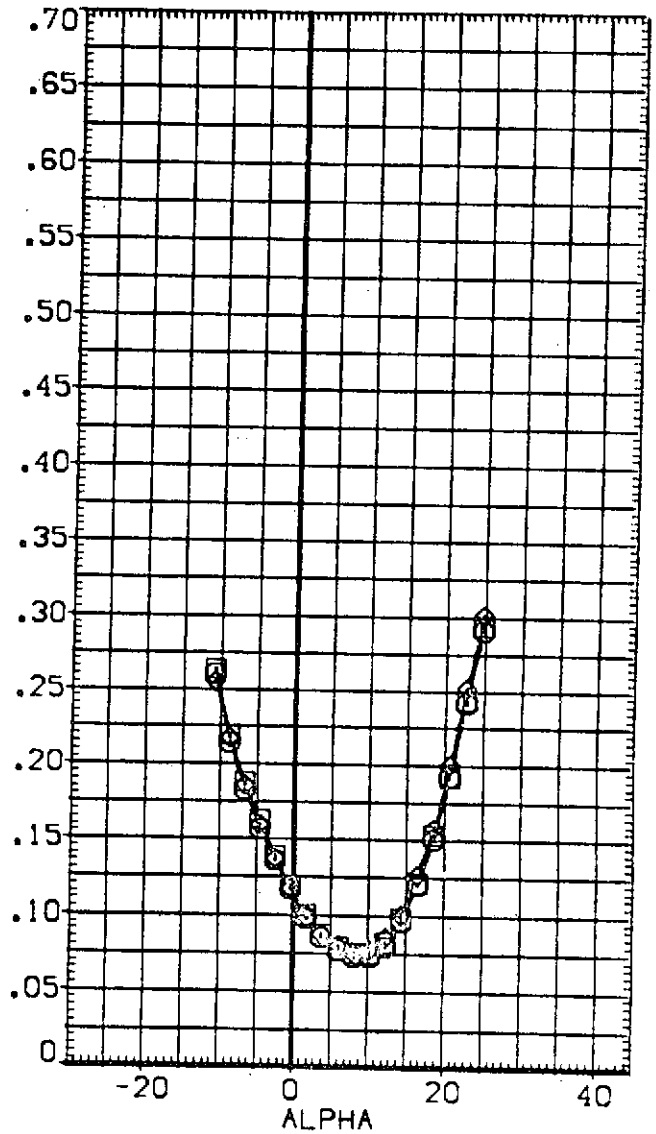


FIG 10 EFFECT OF ELEVON CONFIGURATION, ELEVON =-40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8V116E26V8R5X9
(BF6035)	□	0A118 B26C9M7F8V116E28V8R5X9
(BF6034)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

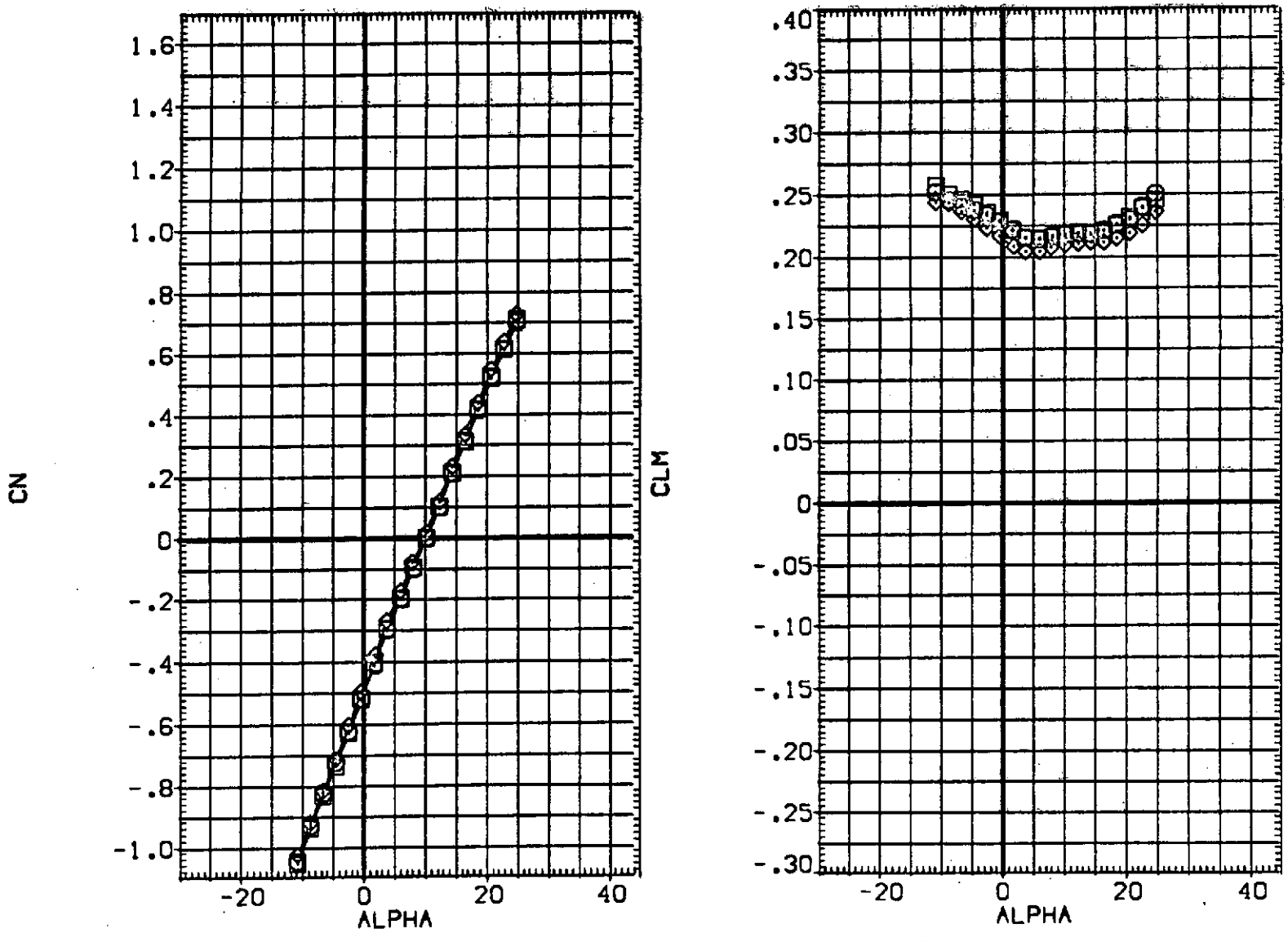


FIG 10 EFFECT OF ELEVON CONFIGURATION, ELEVON =-40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
[BF6036]	○	0A118 B26C9M7F8W116E26V8R5X9
[BF6035]	□	0A118 B26C9M7F8W116E28V8R5X9
[BF6034]	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000
-40.000	-40.000	-40.000	-40.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

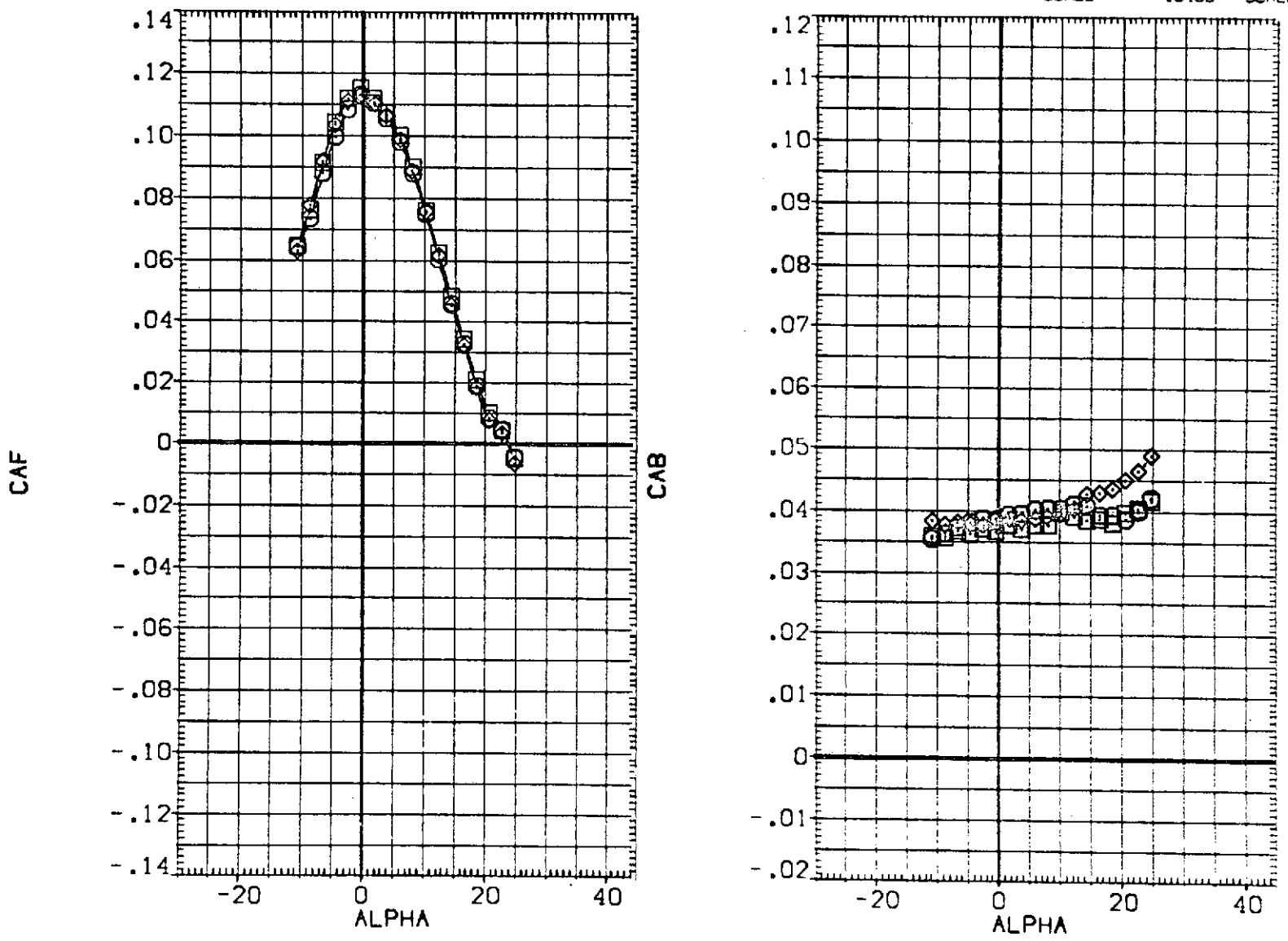


FIG 10 EFFECT OF ELEVON CONFIGURATION, ELEVON =-40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9	-40.000	-40.000	-40.000	-40.000
(BF6035)	□	0A118 B26C9M7F8W116E28V8R5X9	-40.000	-40.000	-40.000	-40.000
(BF6034)	◇	0A118 B26C9M7F8W116E43V8R5X9	-40.000	-40.000	-40.000	-40.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

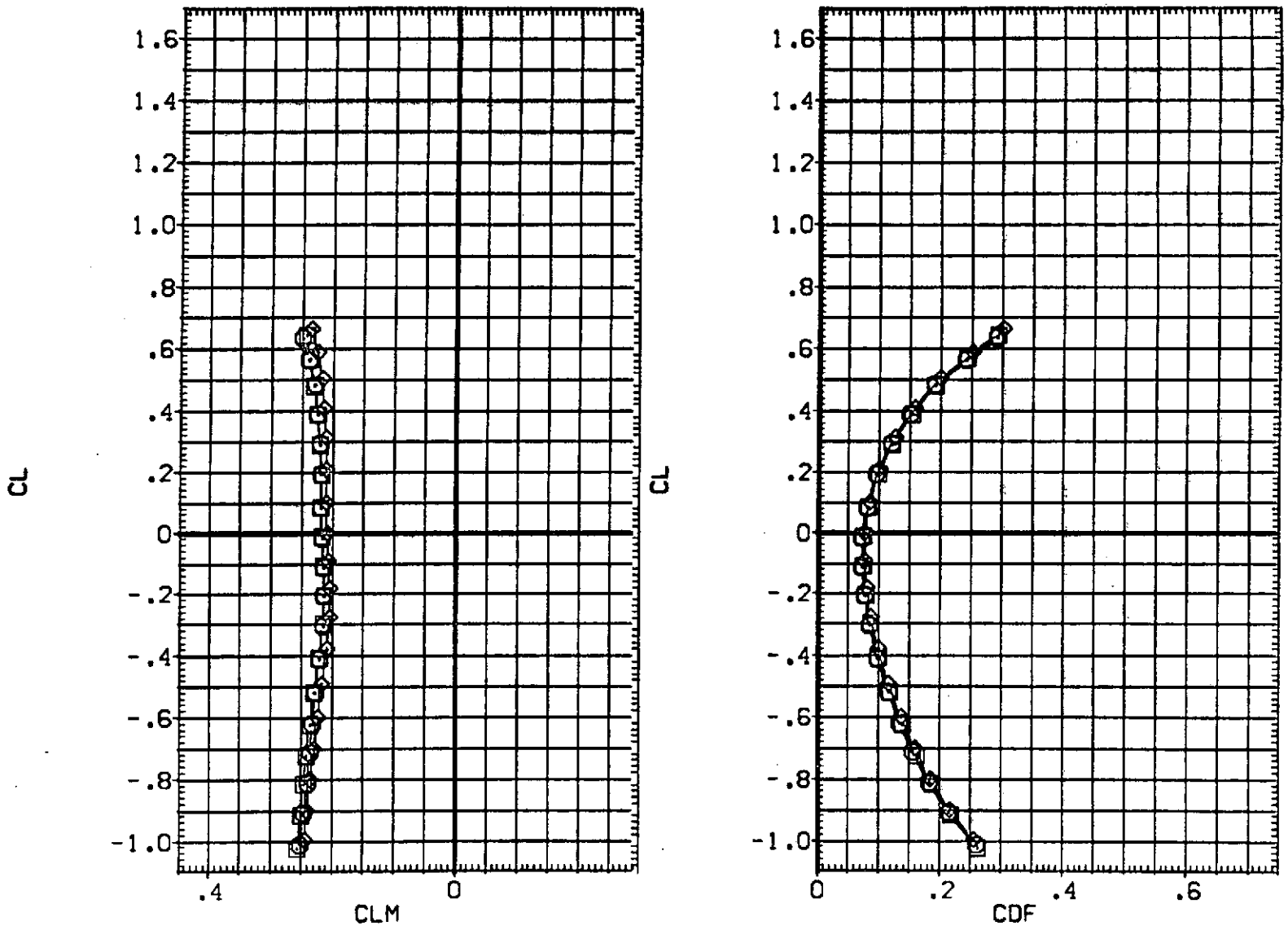


FIG 10 EFFECT OF ELEVON CONFIGURATION, ELEVON =-40 DEG.

(A)MACH = .26

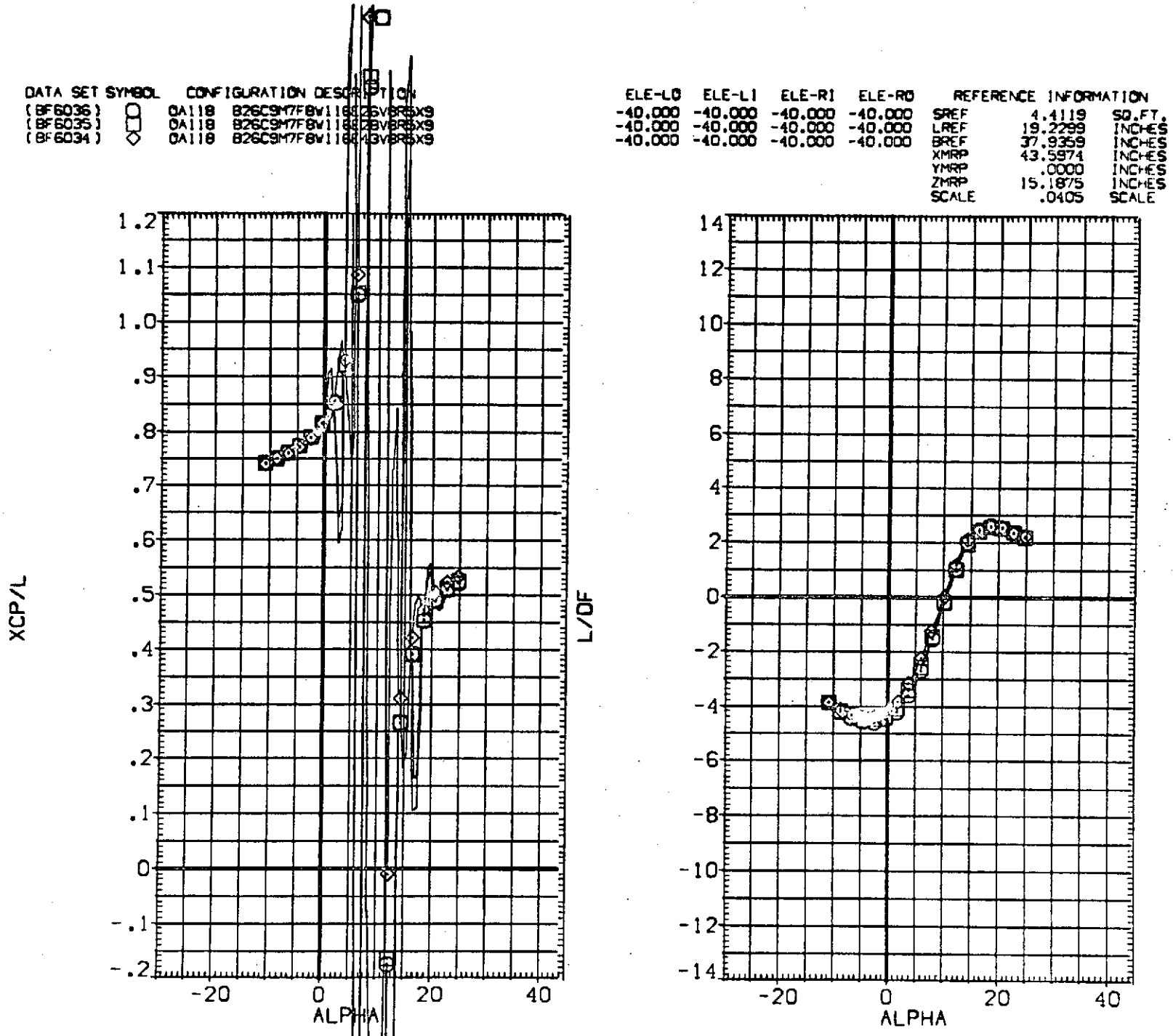


FIG 10 EFFECT OF ELEVON CONFIGURATION, ELEVON =-40 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6003)	○	0A118 B26C9M7F8W116E26V8R5X9	5.000	5.000	5.000	5.000
(BF6004)	□	0A118 B26C9M7F8W116E28V8R5X9	5.000	5.000	5.000	5.000
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9	5.000	5.000	5.000	5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

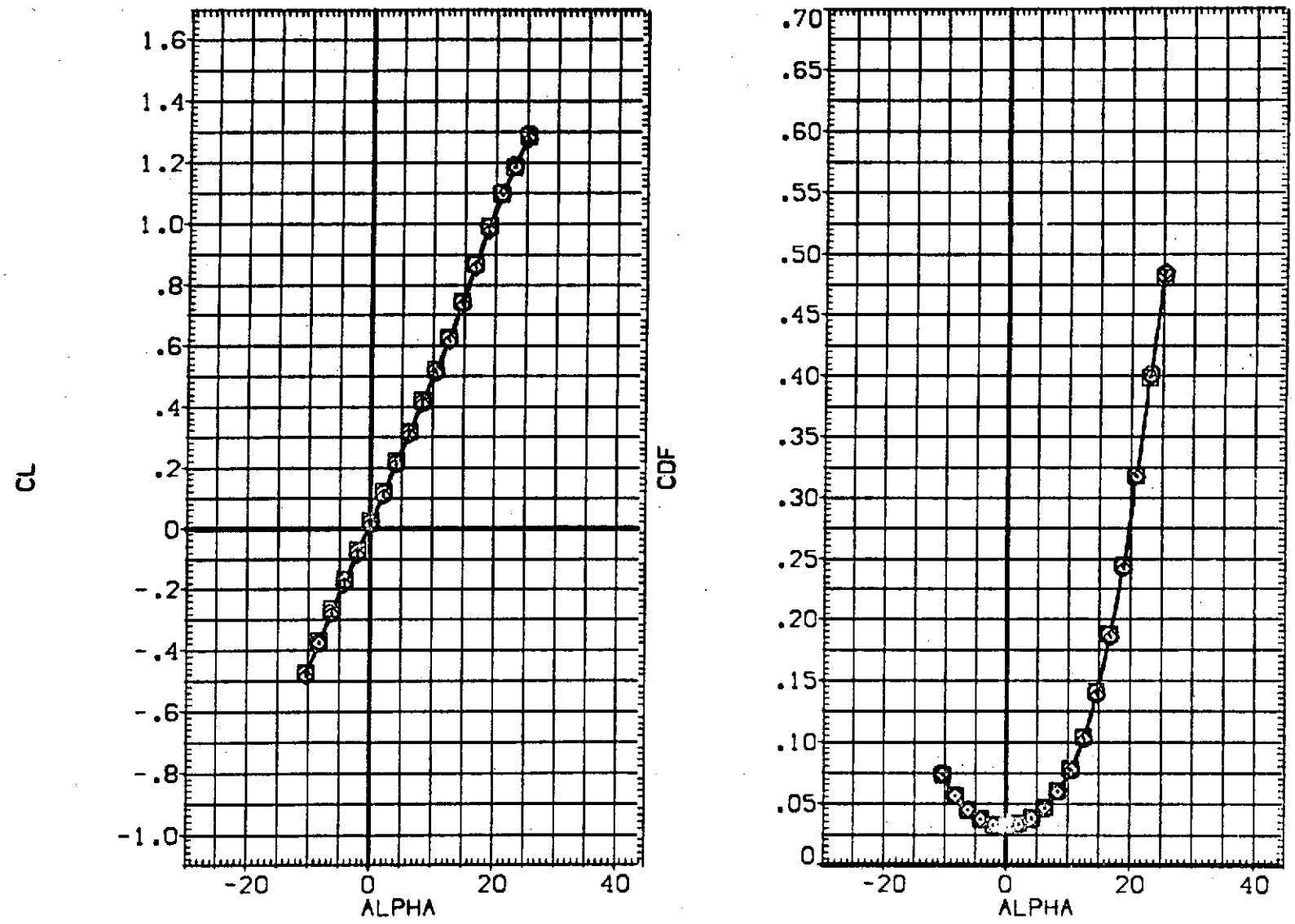


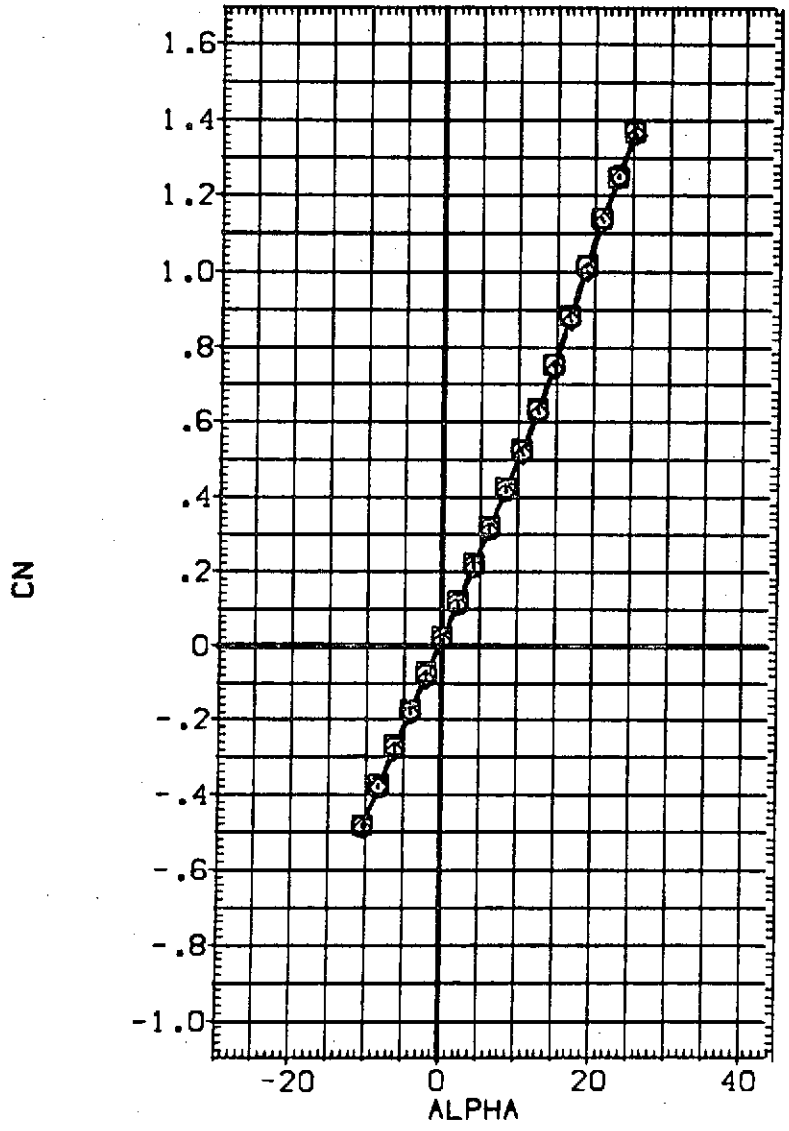
FIG 11 EFFECT OF ELEVON CONFIGURATION, ELEVON = 5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6003)	○	0A118 B26C9M7F8V116E26V8R5X9
(BF6004)	□	0A118 B26C9M7F8V116E28V8R5X9
(BF6020)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



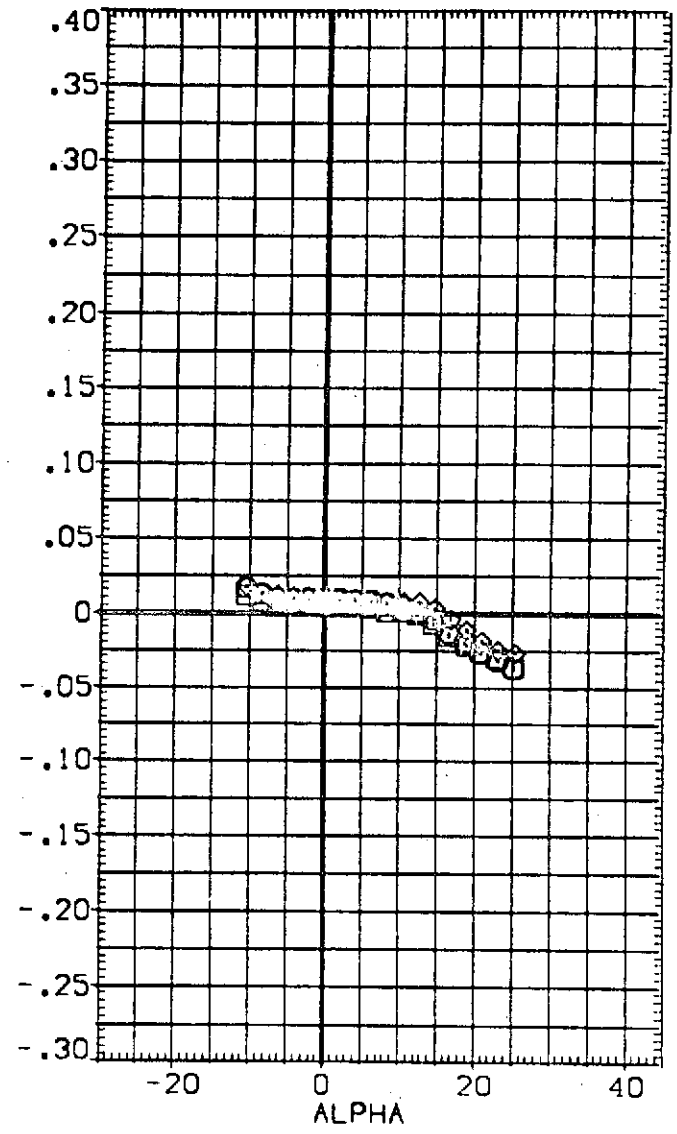


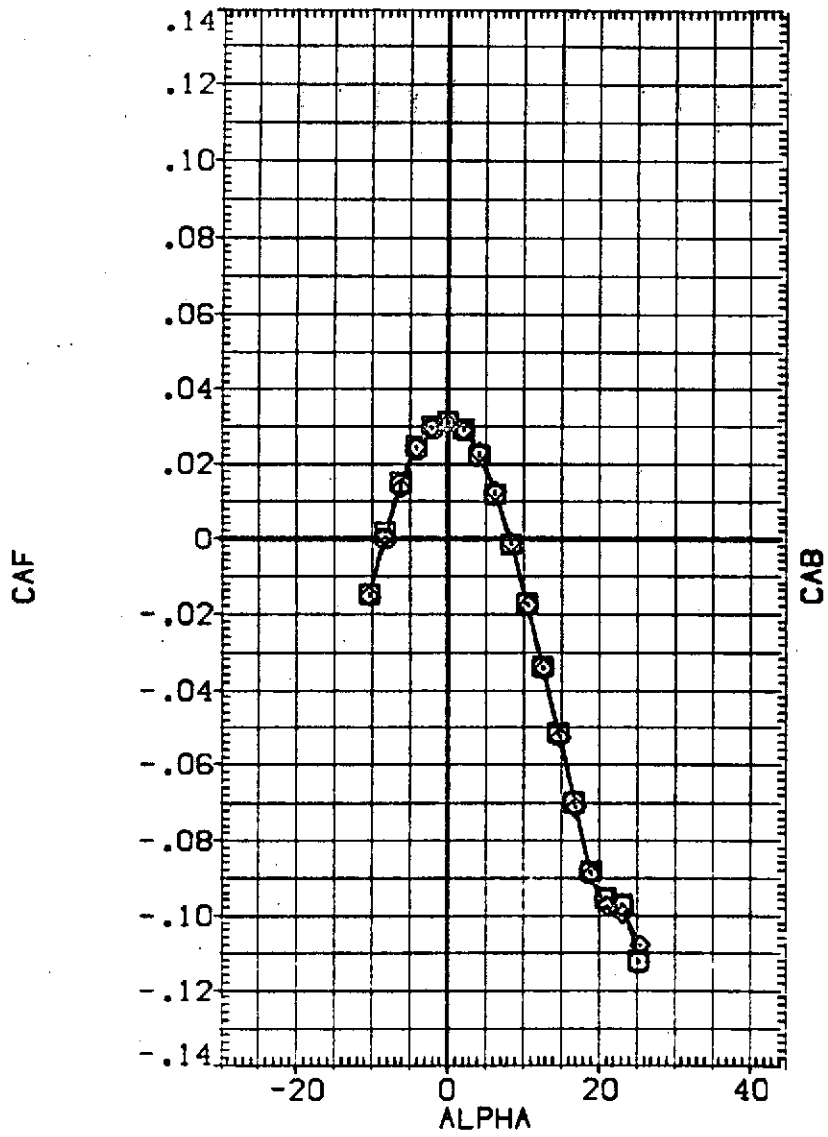
FIG 11 EFFECT OF ELEVON CONFIGURATION, ELEVON = 5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6003)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6004)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



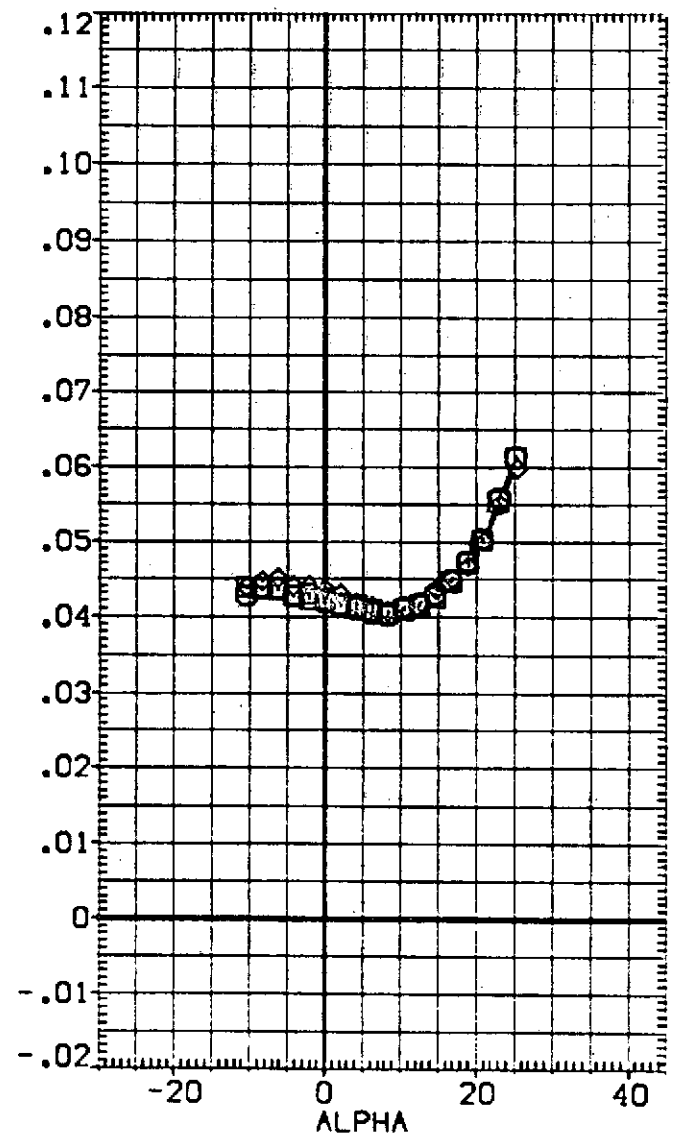


FIG 11 EFFECT OF ELEVON CONFIGURATION, ELEVON = 5 DEG.

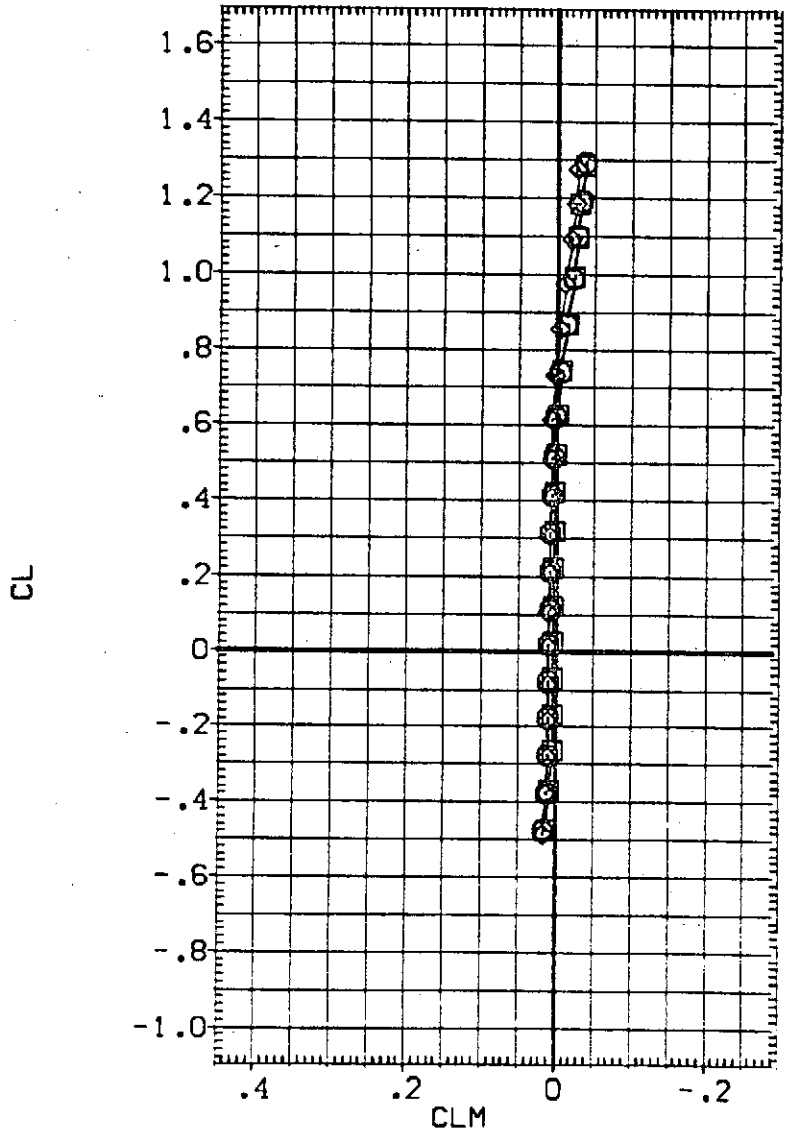
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6003)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6004)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000
5.000	5.000	5.000	5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



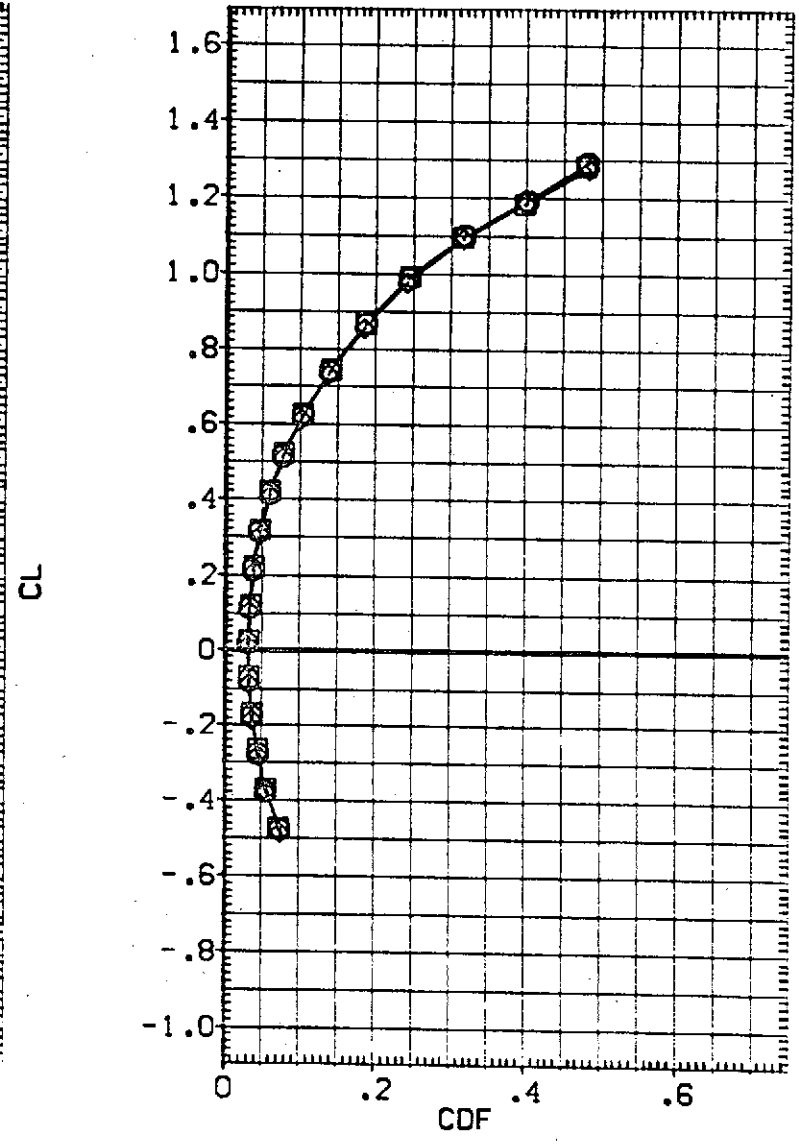


FIG 11 EFFECT OF ELEVON CONFIGURATION, ELEVON = 5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6003)	○	0A118 B26C9M7F8W116E26V8R5X9	5.000	5.000	5.000	5.000
(BF6004)	□	0A118 B26C9M7F8W116E28V8R5X9	5.000	5.000	5.000	5.000
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9	5.000	5.000	5.000	5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

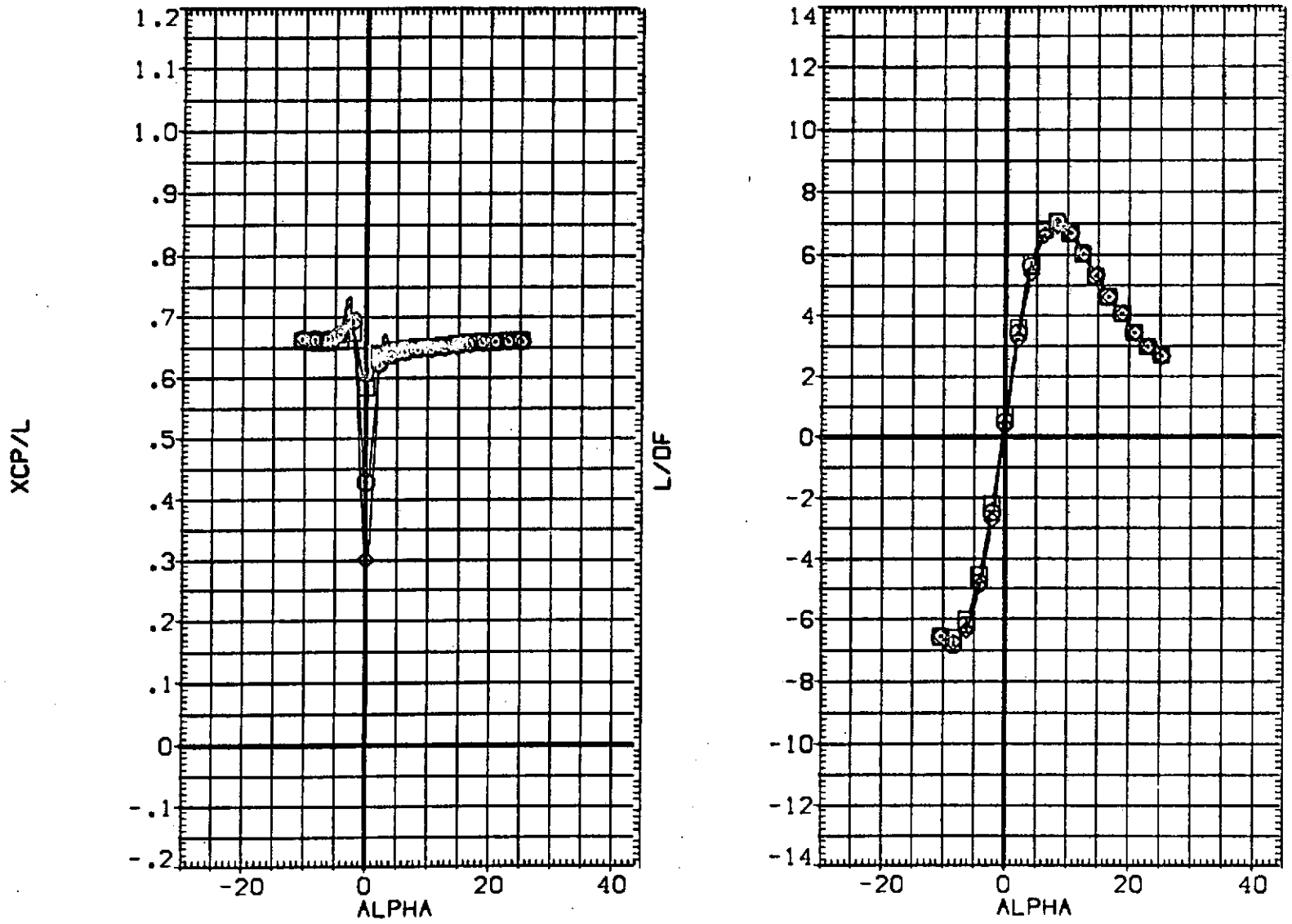


FIG 11 EFFECT OF ELEVON CONFIGURATION, ELEVON = 5 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6013)	○	0A118 B26C9M7F8W116E26V8R5X9	10.000	10.000	10.000	10.000
(BF6012)	□	0A118 B26C9M7F8W116E28V8R5X9	10.000	10.000	10.000	10.000
(BF6021)	◇	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

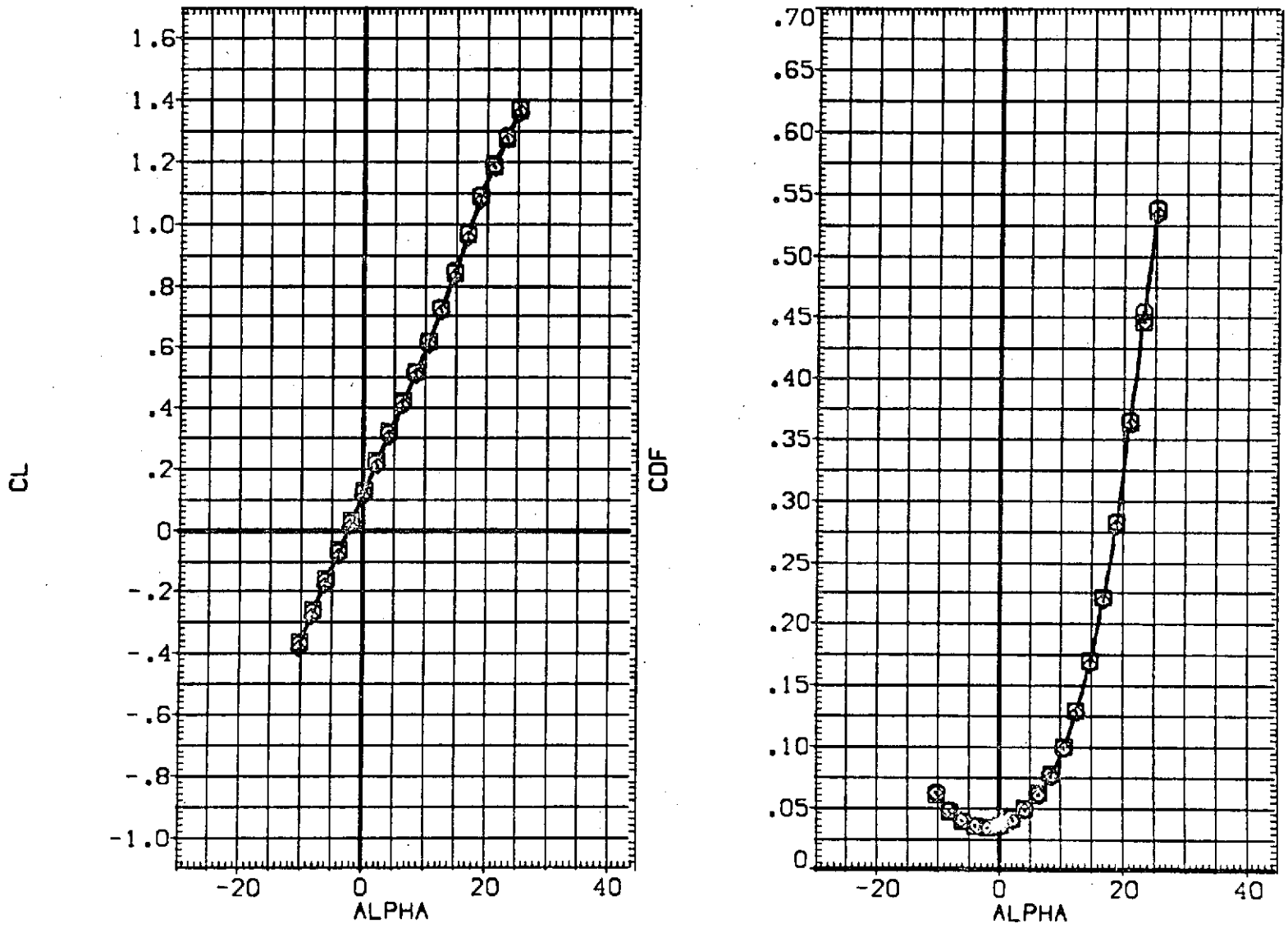


FIG 12 EFFECT OF ELEVON CONFIGURATION, ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6013)	○	0A118 B26C9M7F8V116E26V8R5X9
(BF6012)	□	0A118 B26C9M7F8V116E28V8R5X9
(BF6021)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	10.000	10.000	10.000
10.000	10.000	10.000	10.000
10.000	10.000	10.000	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

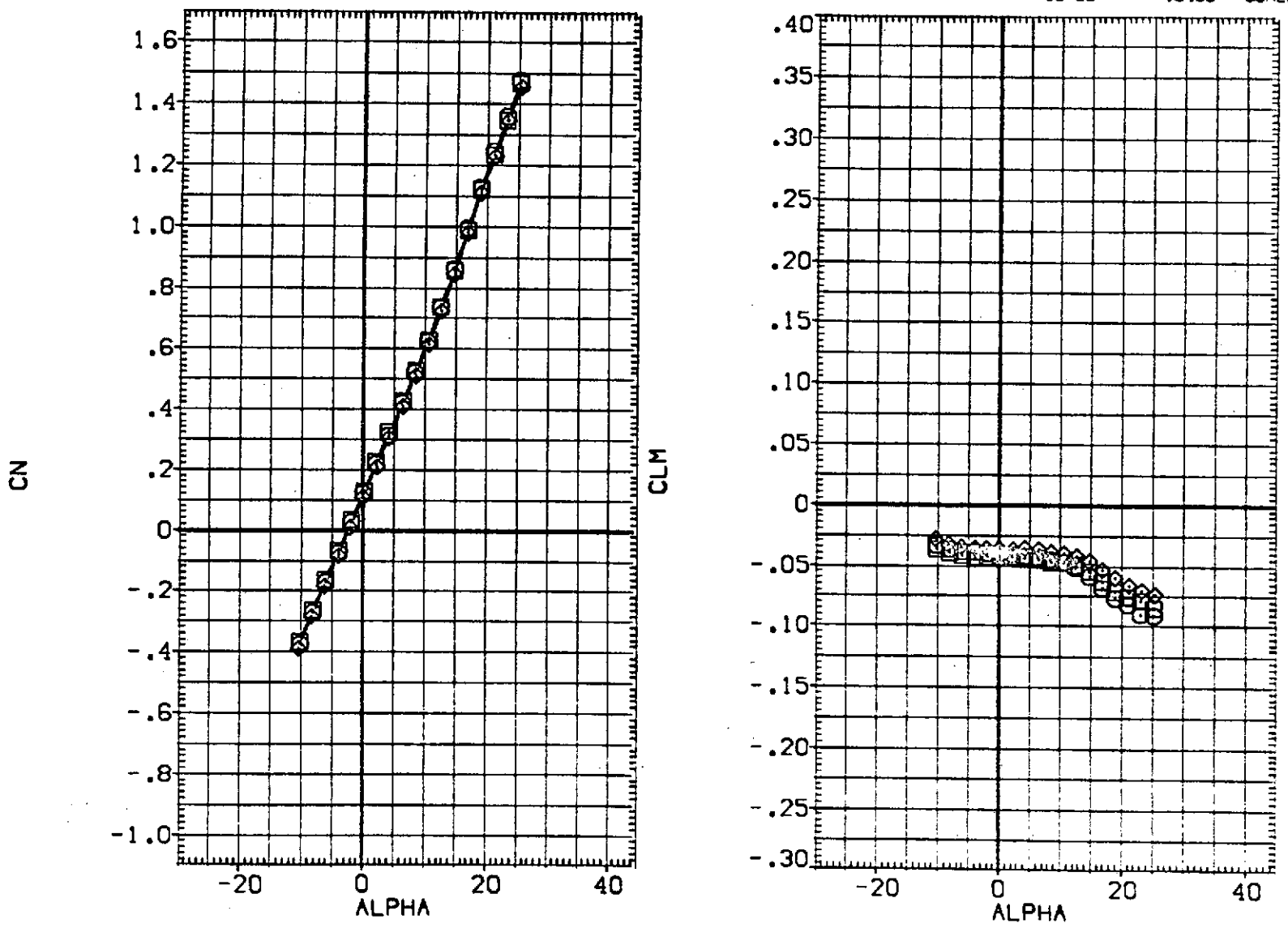


FIG 12 EFFECT OF ELEVON CONFIGURATION, ELEVON = 10 DEG.

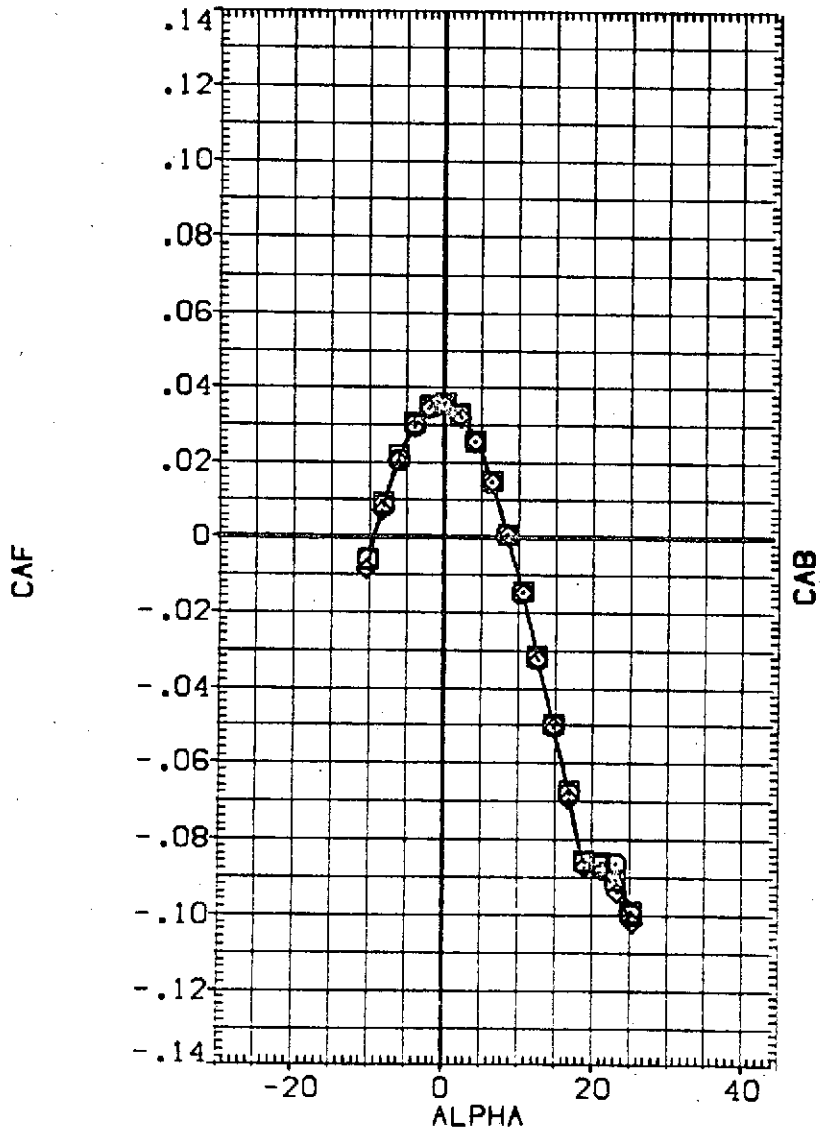
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6013)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6012)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6021)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	10.000	10.000	10.000
10.000	10.000	10.000	10.000
10.000	10.000	10.000	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



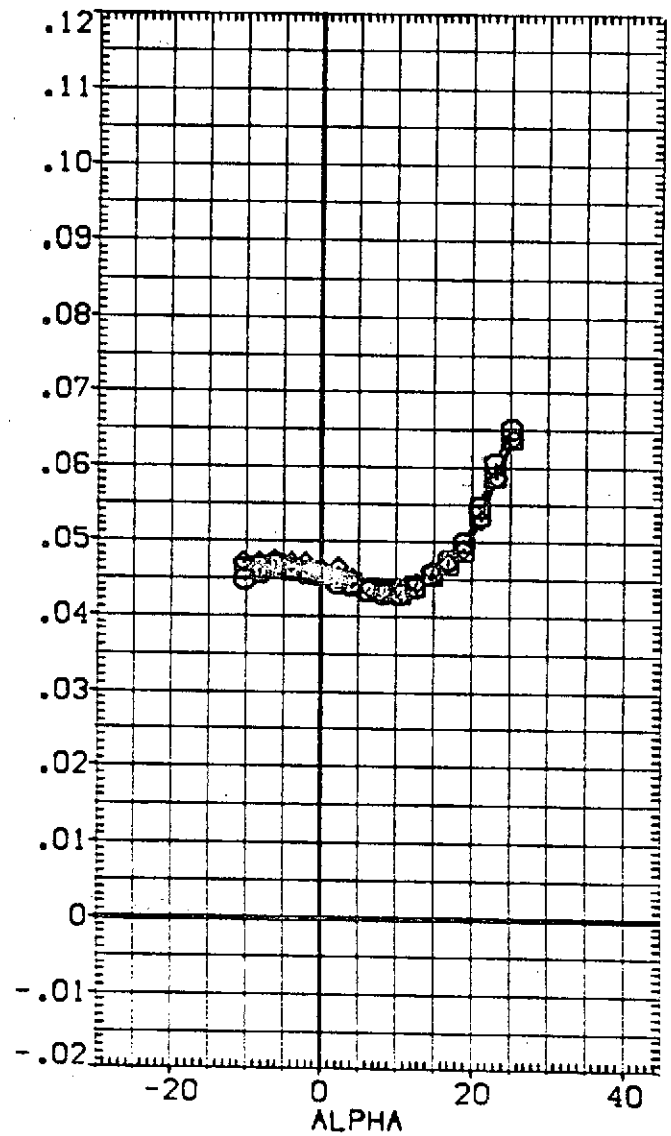


FIG 12 EFFECT OF ELEVON CONFIGURATION, ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6013)	○	0A118 B26C9M7F8W116E26V8R5X9	10.000	10.000	10.000	10.000
(BF6012)	□	0A118 B26C9M7F8W116E28V8R5X9	10.000	10.000	10.000	10.000
(BF6021)	◇	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

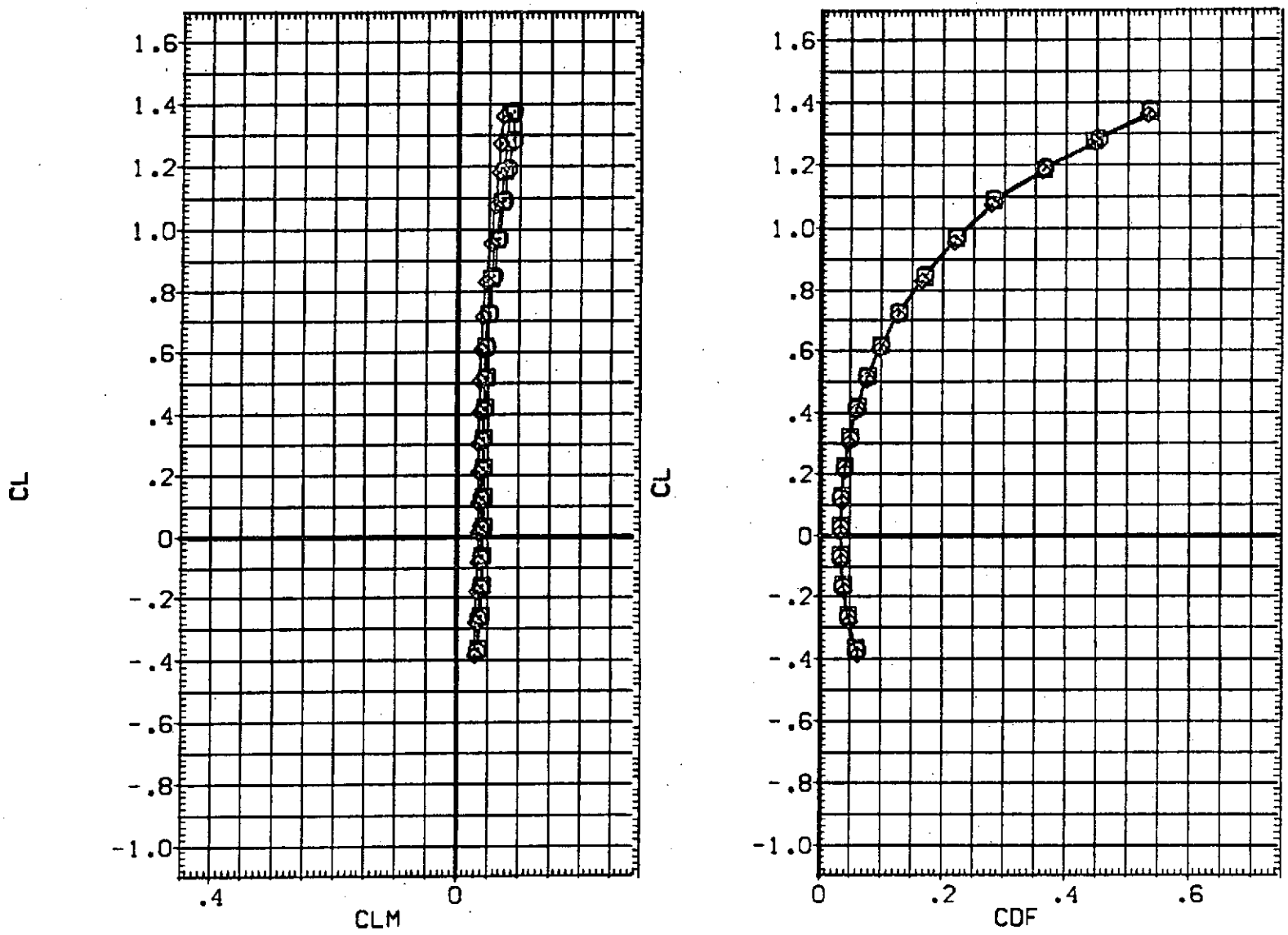


FIG 12 EFFECT OF ELEVON CONFIGURATION, ELEVON = 10 DEG.

(A)MACH = .26

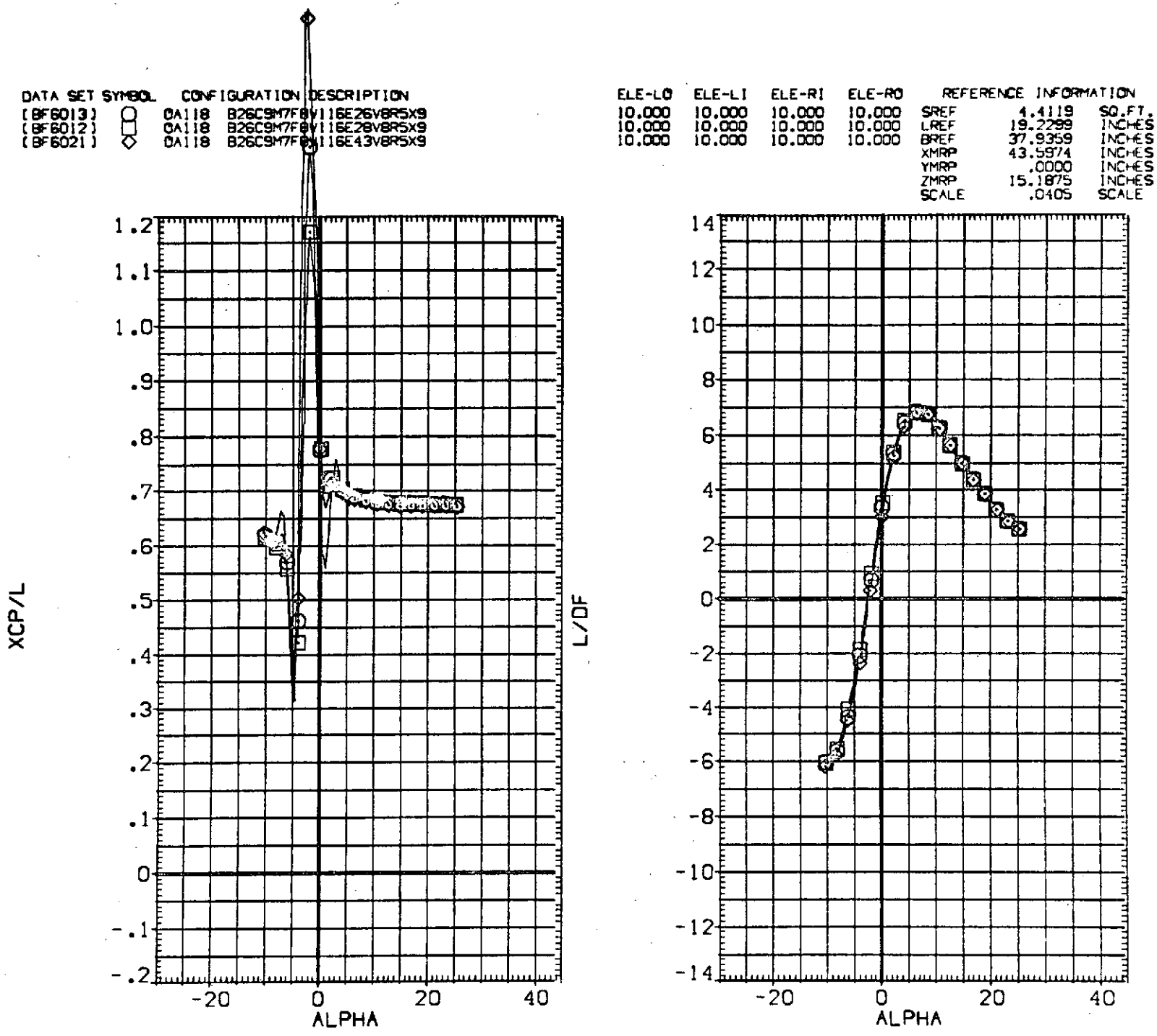


FIG 12 EFFECT OF ELEVON CONFIGURATION, ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6007)	○	0A118 B26C9M7F8V116E26V8R5X9	15.000	15.000	15.000	15.000
(BF6008)	□	0A118 B26C9M7F8V116E28V8R5X9	15.000	15.000	15.000	15.000
(BF6022)	◇	0A118 B26C9M7F8V116E43V8R5X9	15.000	15.000	15.000	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

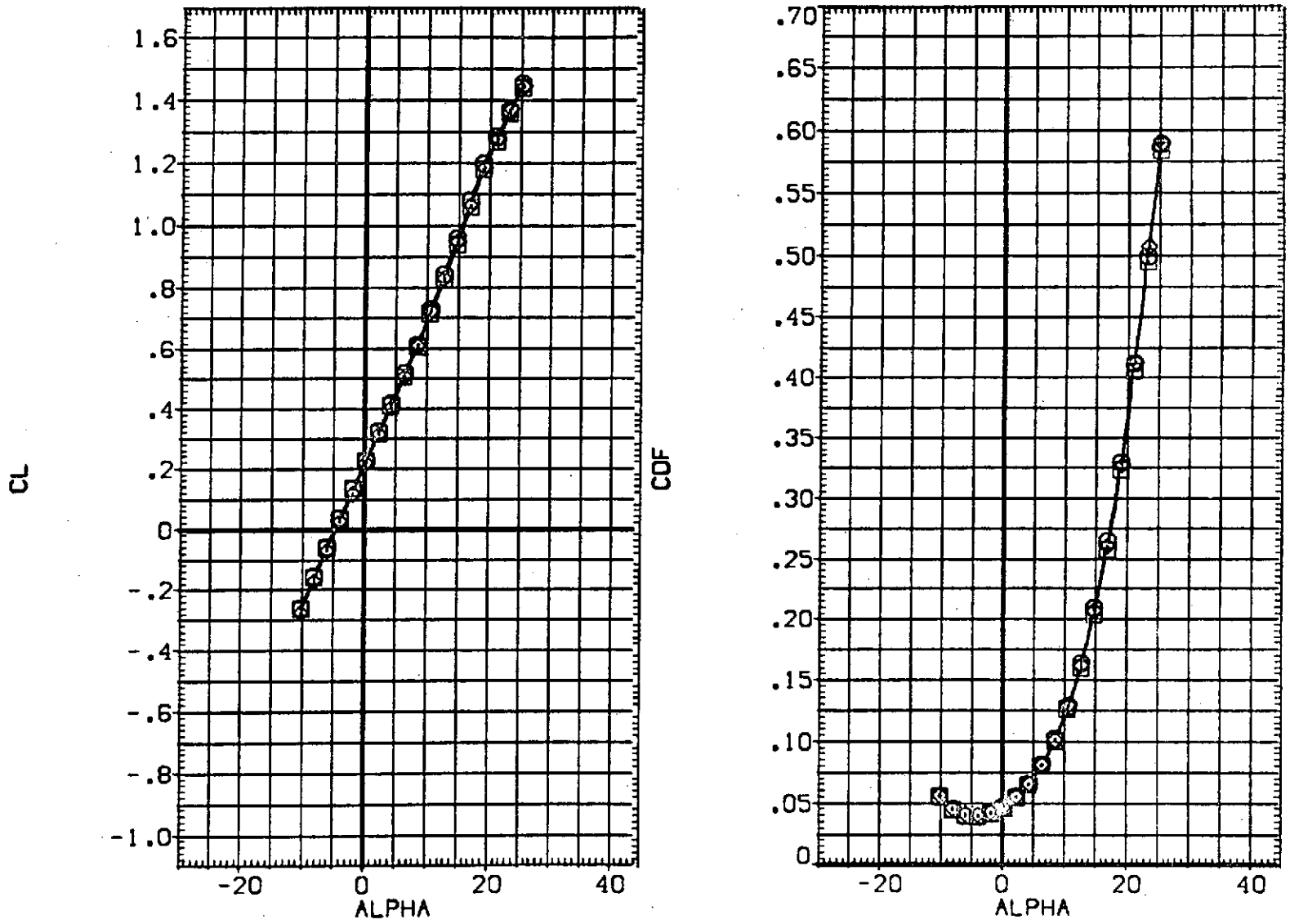


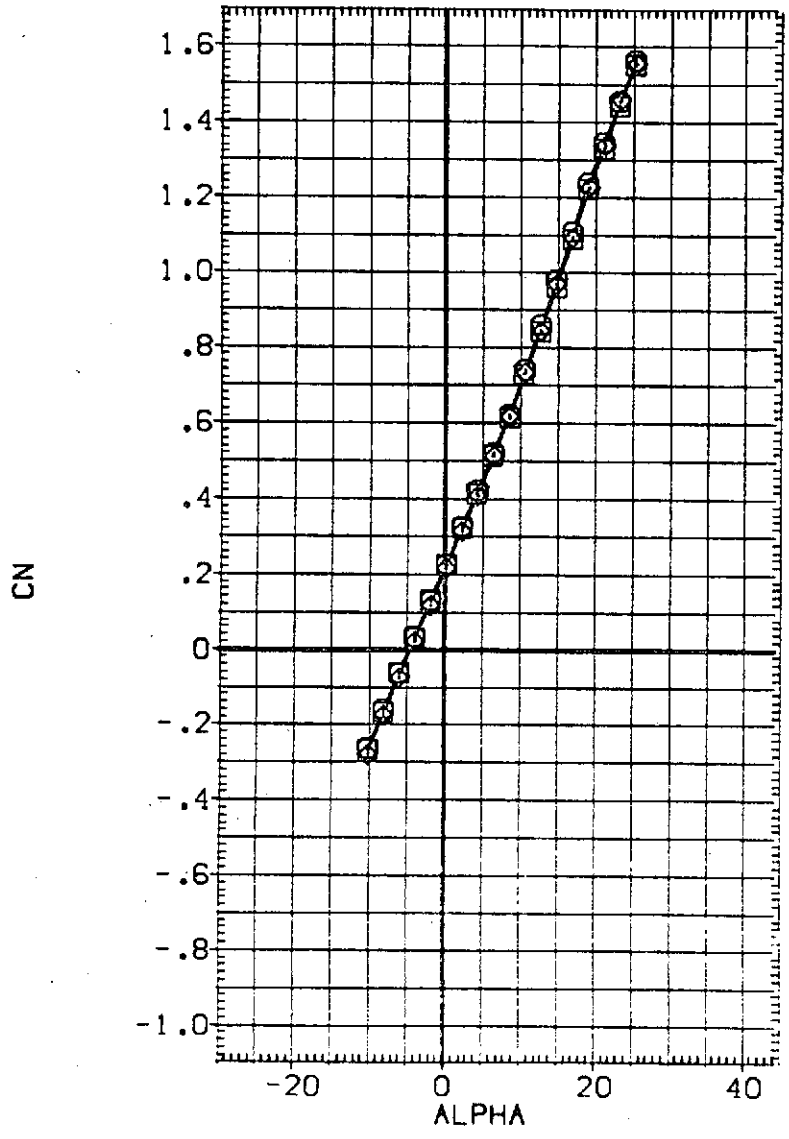
FIG 13 EFFECT OF ELEVON CONFIGURATION, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6007)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6008)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6022)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
15.000	15.000	15.000	15.000
15.000	15.000	15.000	15.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



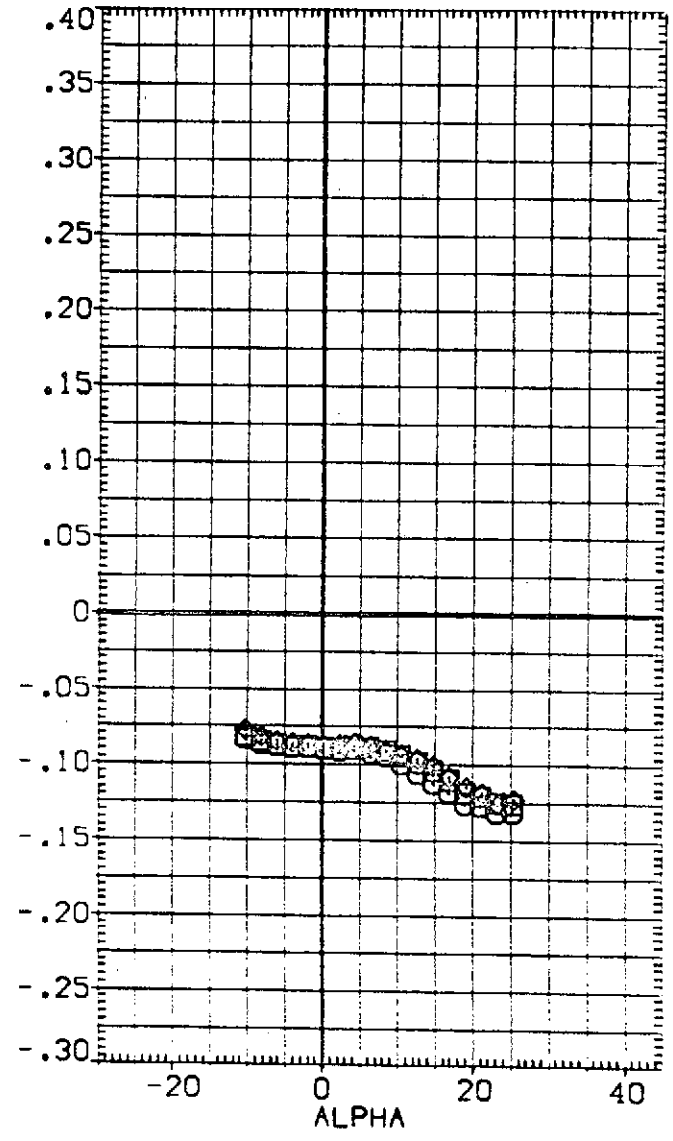


FIG 13 EFFECT OF ELEVON CONFIGURATION, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6007)	○	0A118 B26C9M7F8W116E26V8R5X9	15.000	15.000	15.000	15.000
(BF6008)	□	0A118 B26C9M7F8W116E28V8R5X9	15.000	15.000	15.000	15.000
(BF6022)	◇	0A118 B26C9M7F8W116E43V8R5X9	15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

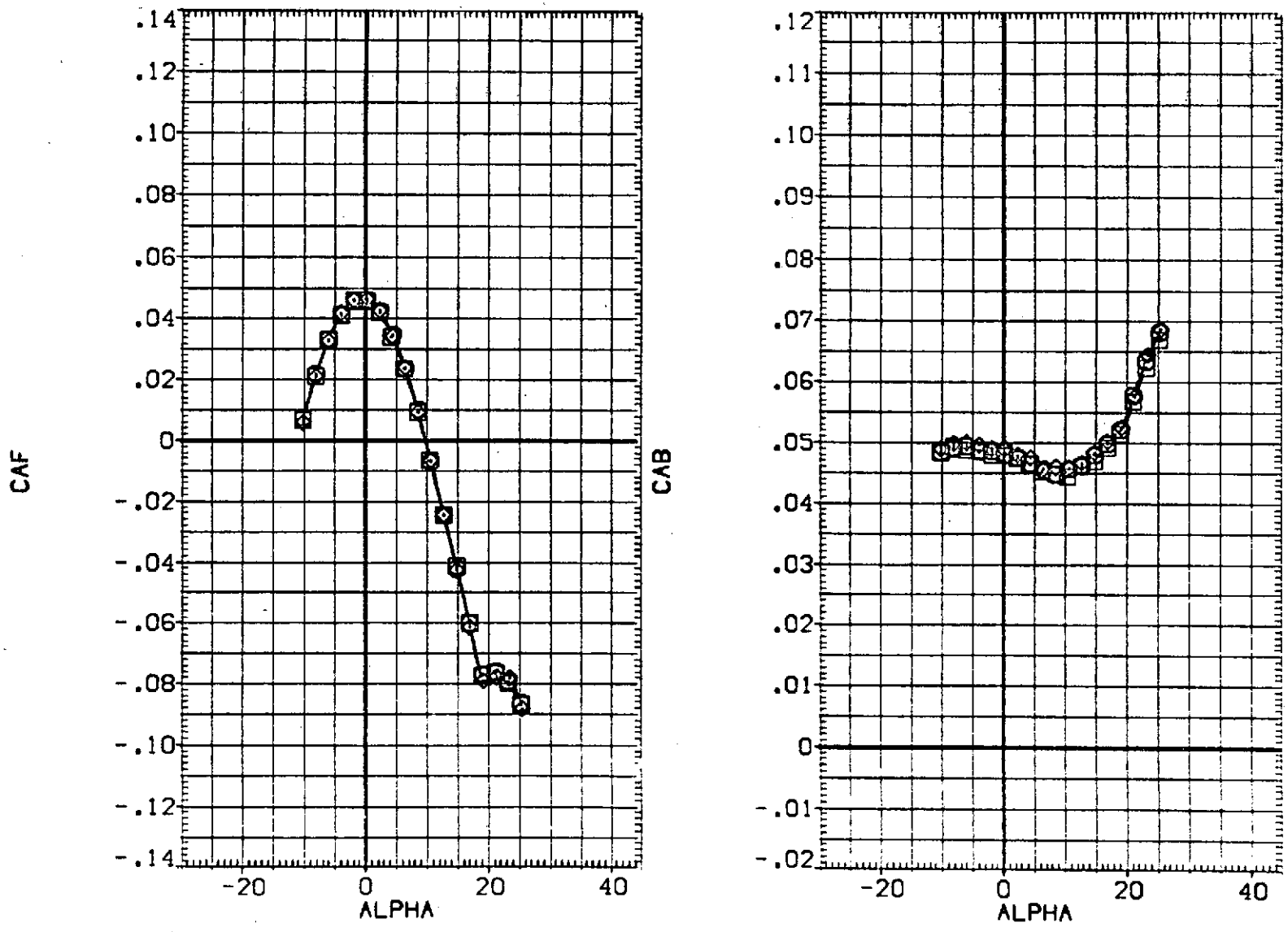


FIG 13 EFFECT OF ELEVON CONFIGURATION, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6007)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6008)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6022)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
15.000	15.000	15.000	15.000
15.000	15.000	15.000	15.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

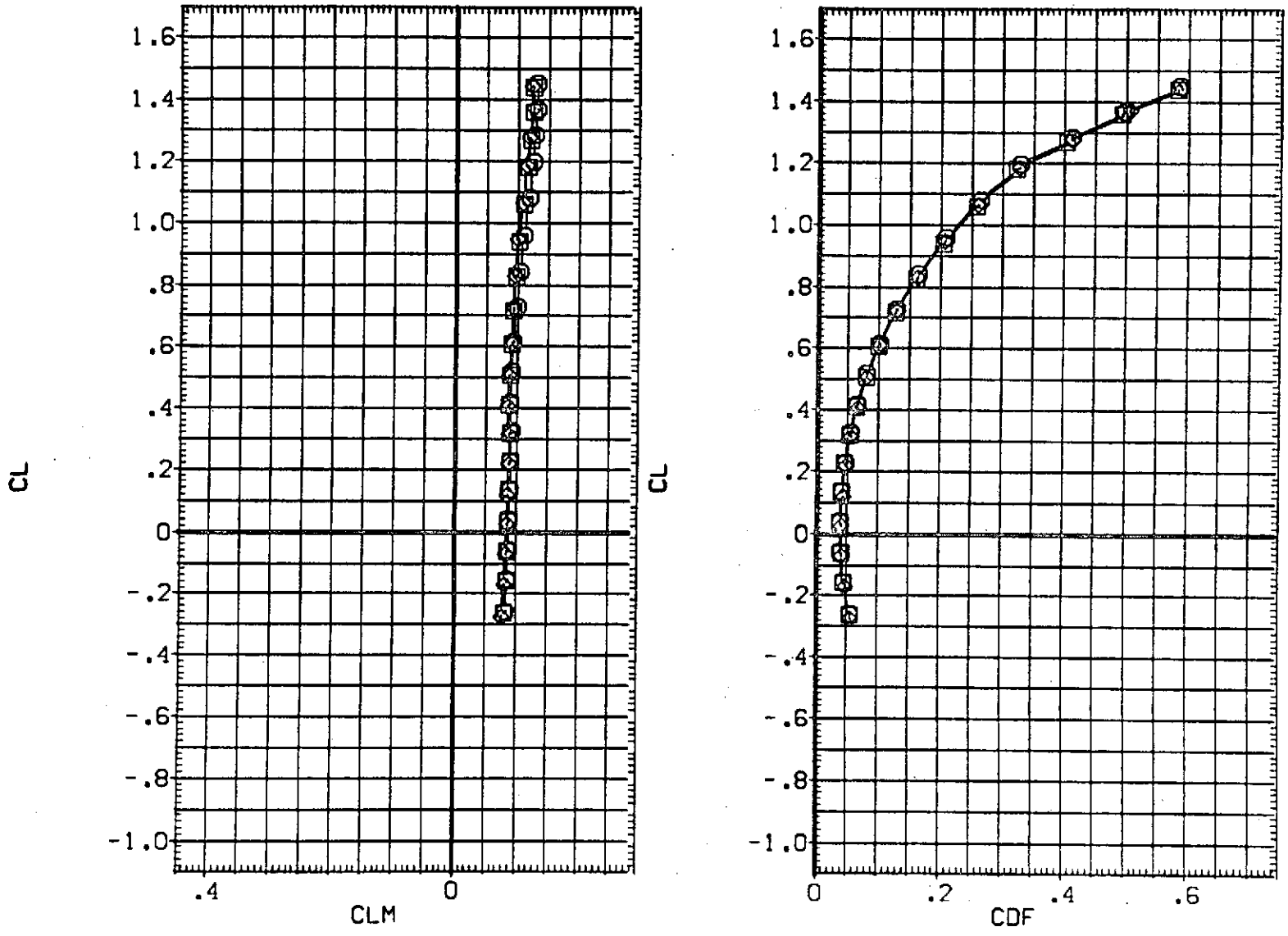


FIG 13 EFFECT OF ELEVON CONFIGURATION, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6007)	○	0A118 B26C9M7F8V116E26V8R5X9	15.000	15.000	15.000	15.000
(BF6008)	□	0A118 B26C9M7F8V116E28V8R5X9	15.000	15.000	15.000	15.000
(BF6022)	◇	0A118 B26C9M7F8V116E43V8R5X9	15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

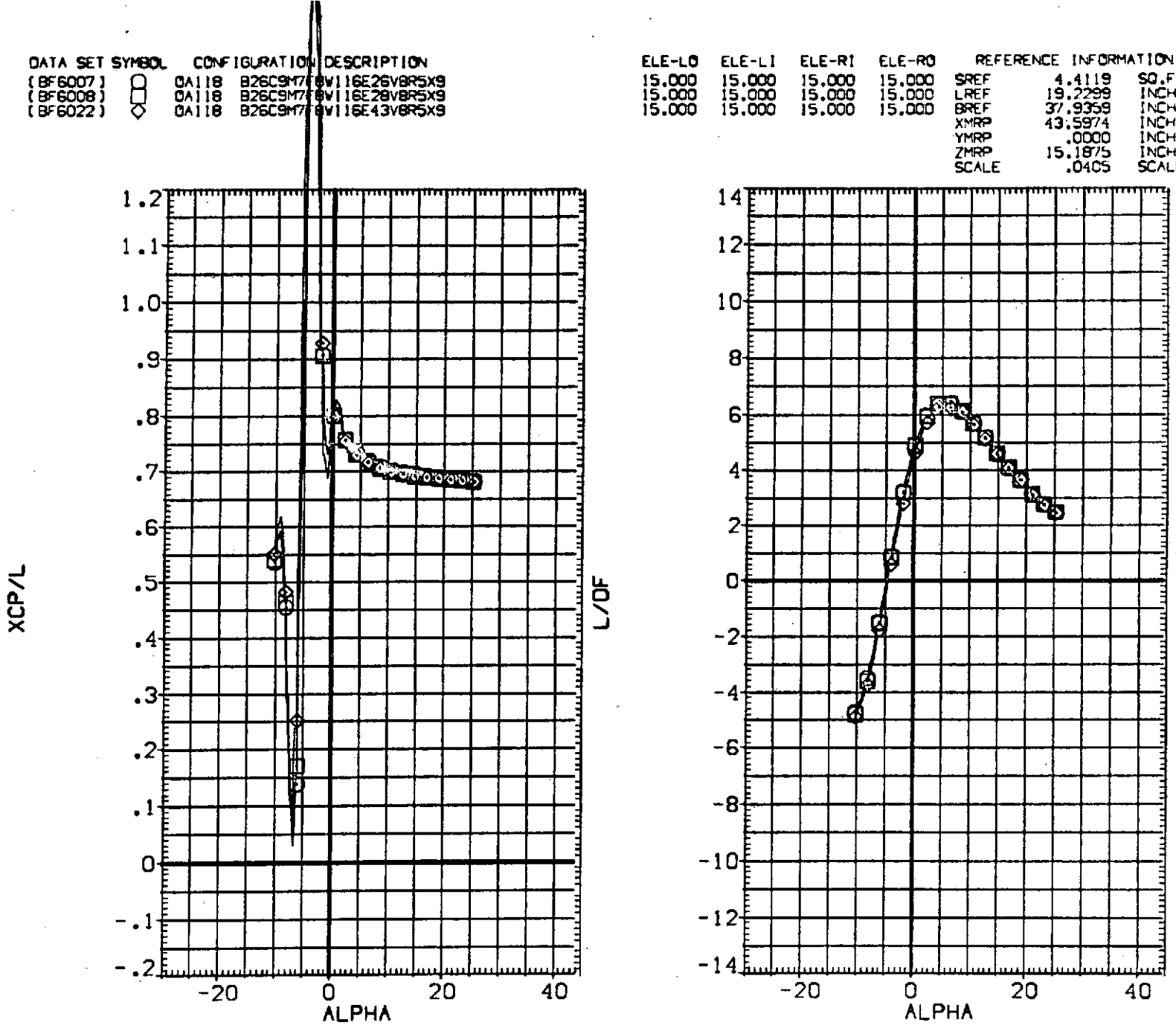


FIG 13 EFFECT OF ELEVON CONFIGURATION, ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6016)	○	0A118 B26C9M7F8V116E26V8R5X9	20.000	20.000	20.000	20.000
(BF6017)	□	0A118 B26C9M7F8V116E28V8R5X9	20.000	20.000	20.000	20.000
(BF6023)	◇	0A118 B26C9M7F8V116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

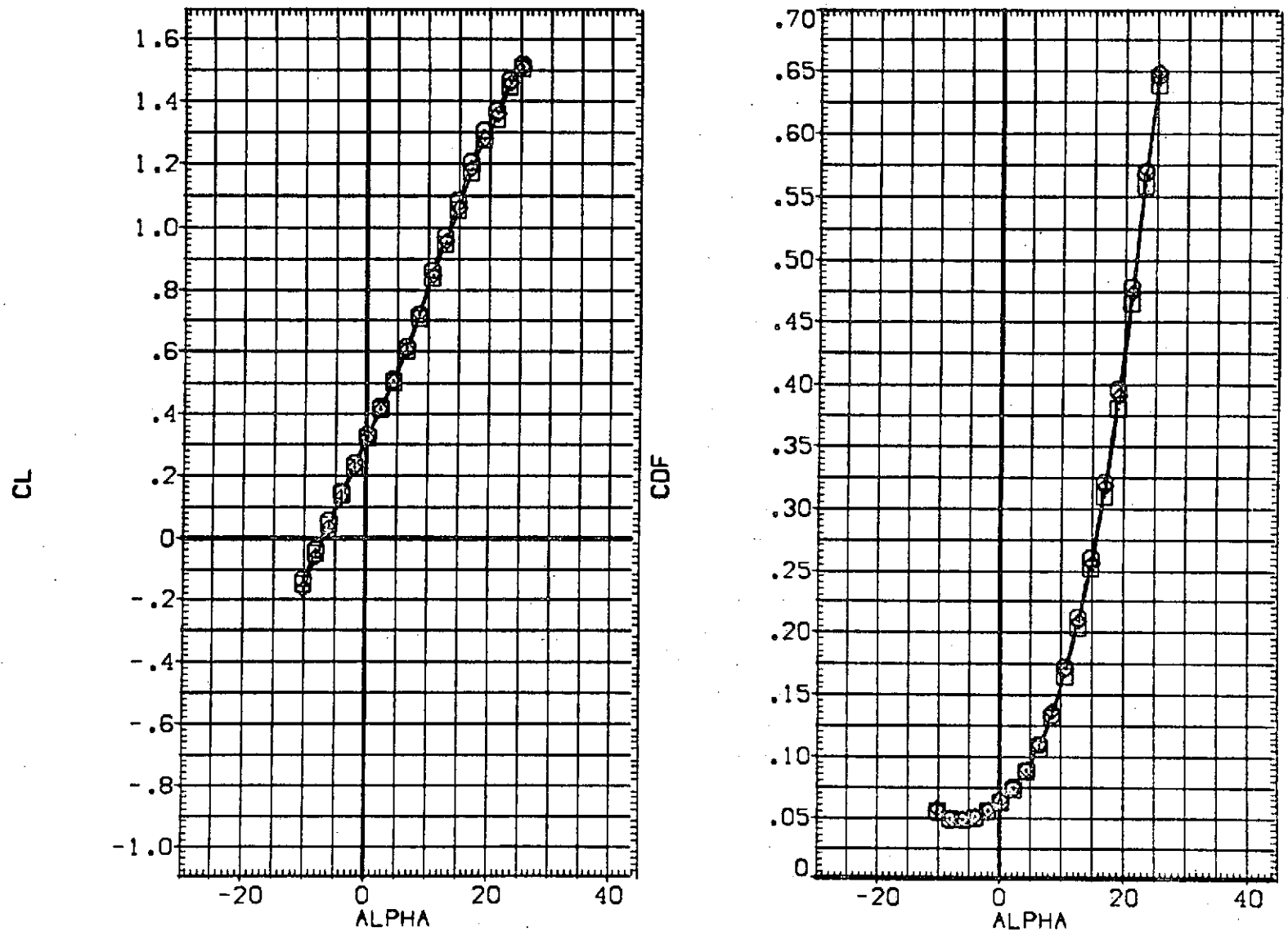


FIG 14 EFFECT OF ELEVON CONFIGURATION, ELEVON = 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6016)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6017)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6023)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

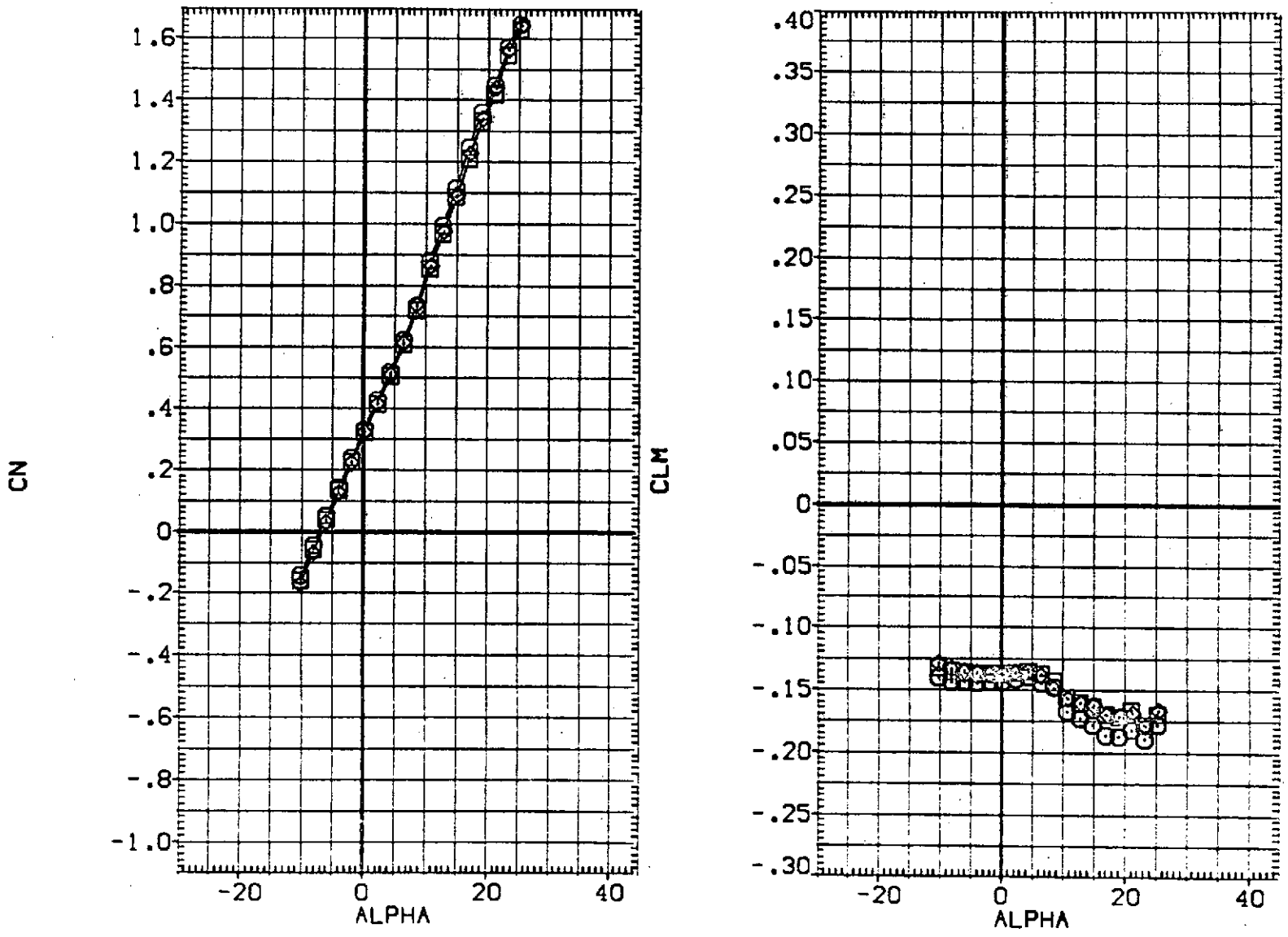


FIG 14 EFFECT OF ELEVON CONFIGURATION, ELEVON = 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6016)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6017)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6023)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

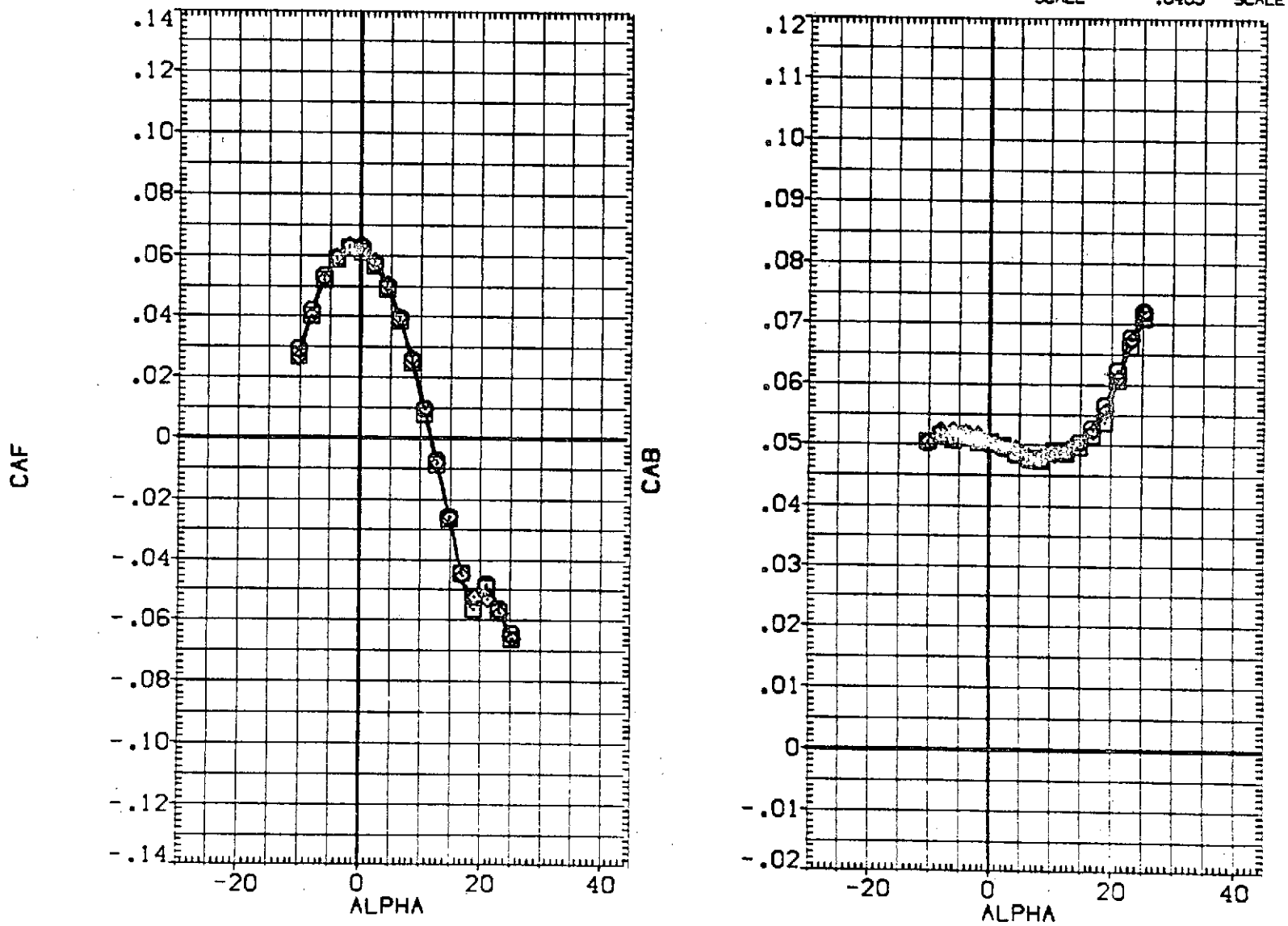


FIG 14 EFFECT OF ELEVON CONFIGURATION, ELEVON = 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6016)	○	0A118 B26C9M7F8V116E26V8R5X9	20.000	20.000	20.000	20.000
(BF6017)	□	0A118 B26C9M7F8V116E28V8R5X9	20.000	20.000	20.000	20.000
(BF6023)	◇	0A118 B26C9M7F8V116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

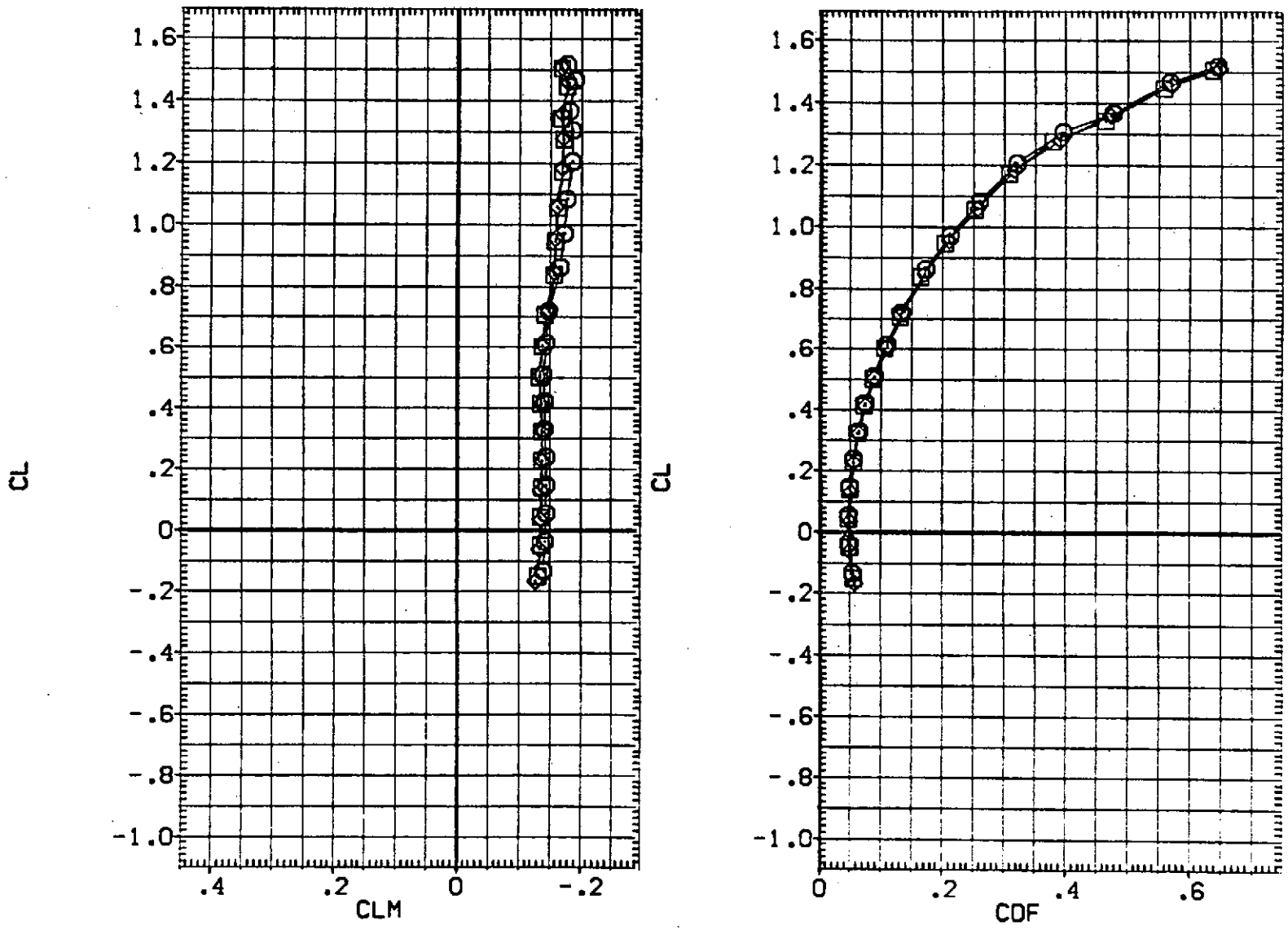


FIG 14 EFFECT OF ELEVON CONFIGURATION, ELEVON = 20 DEG.

(A)MACH = .26

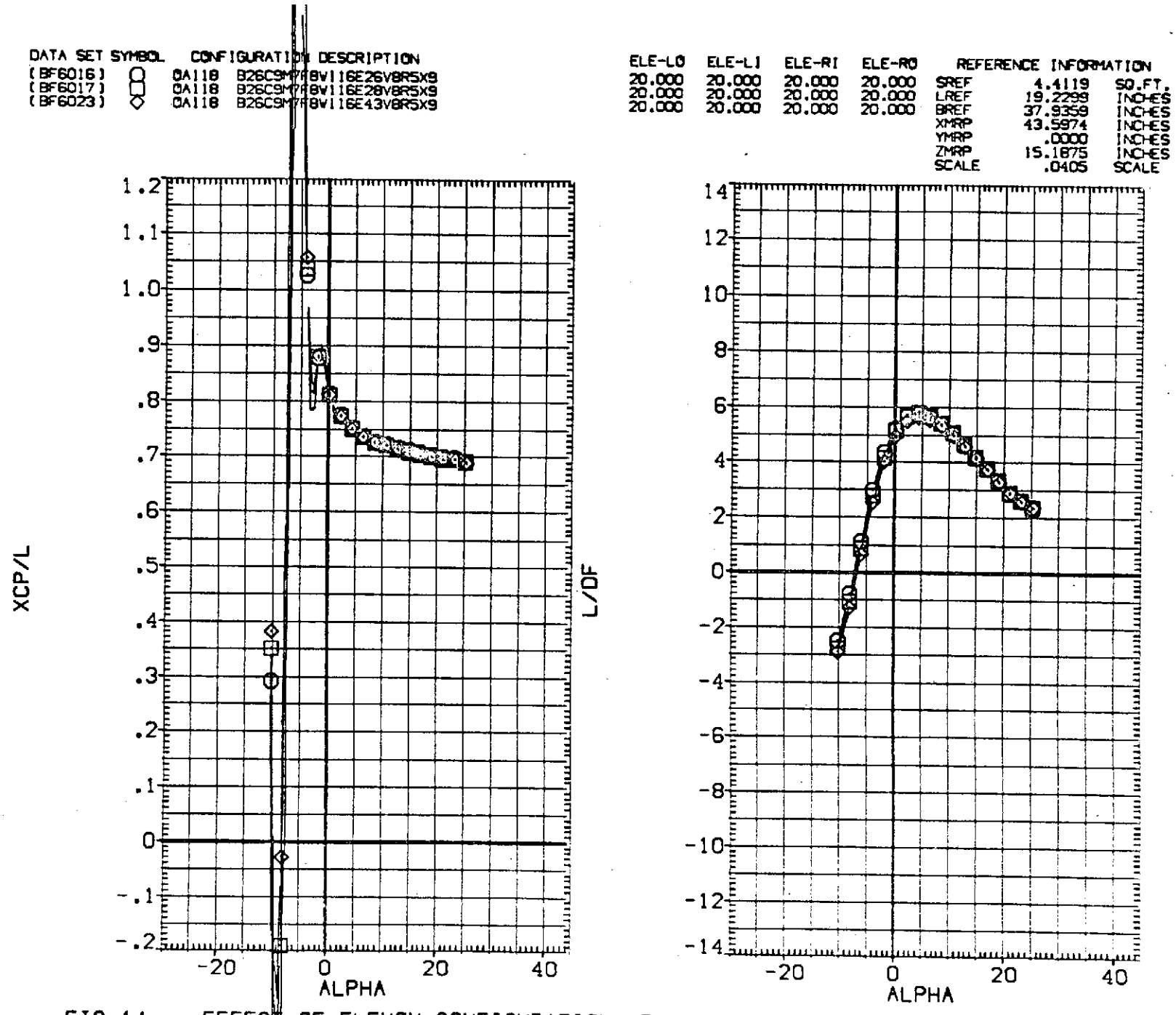


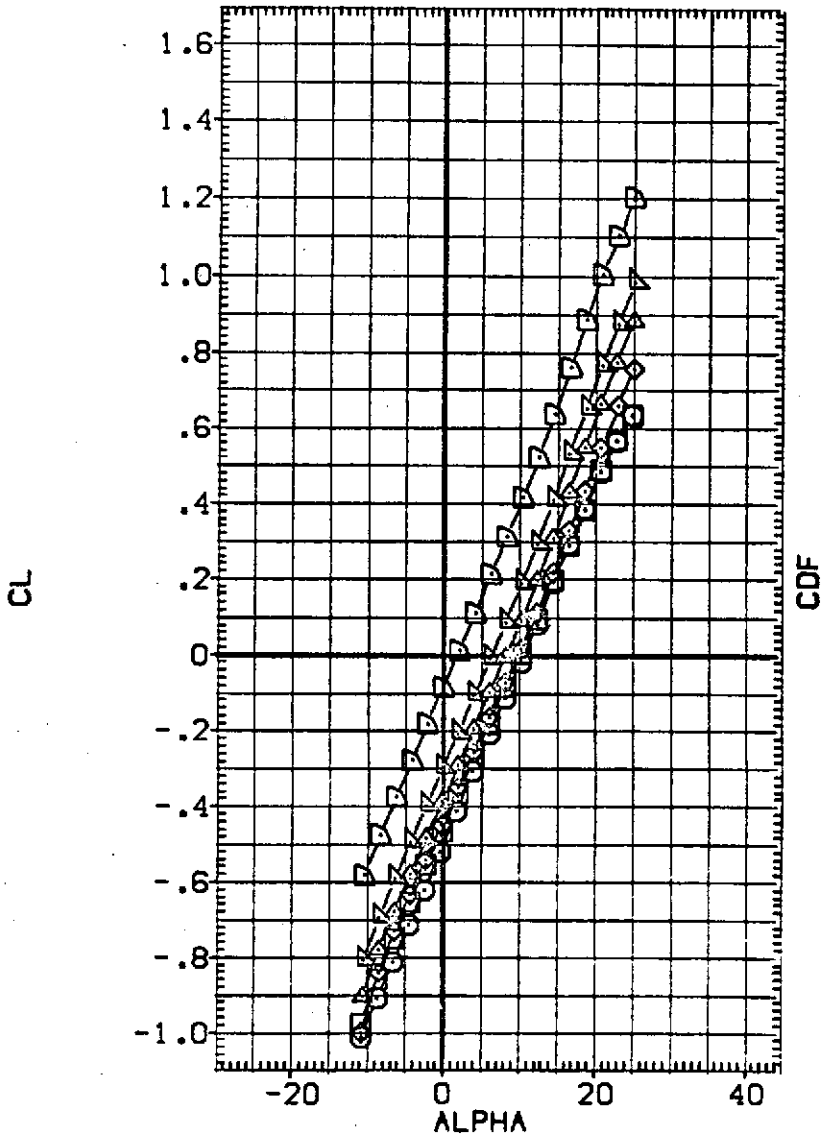
FIG 14 EFFECT OF ELEVON CONFIGURATION, ELEVON = 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6031)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6030)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6015)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6006)	◺	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	◗	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



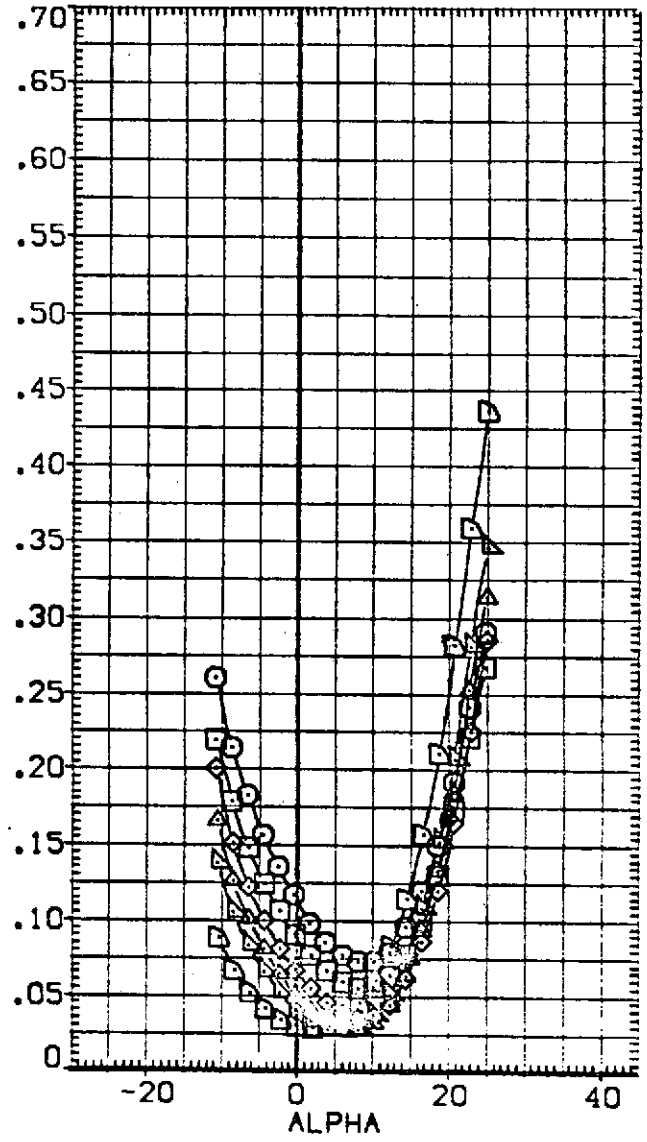


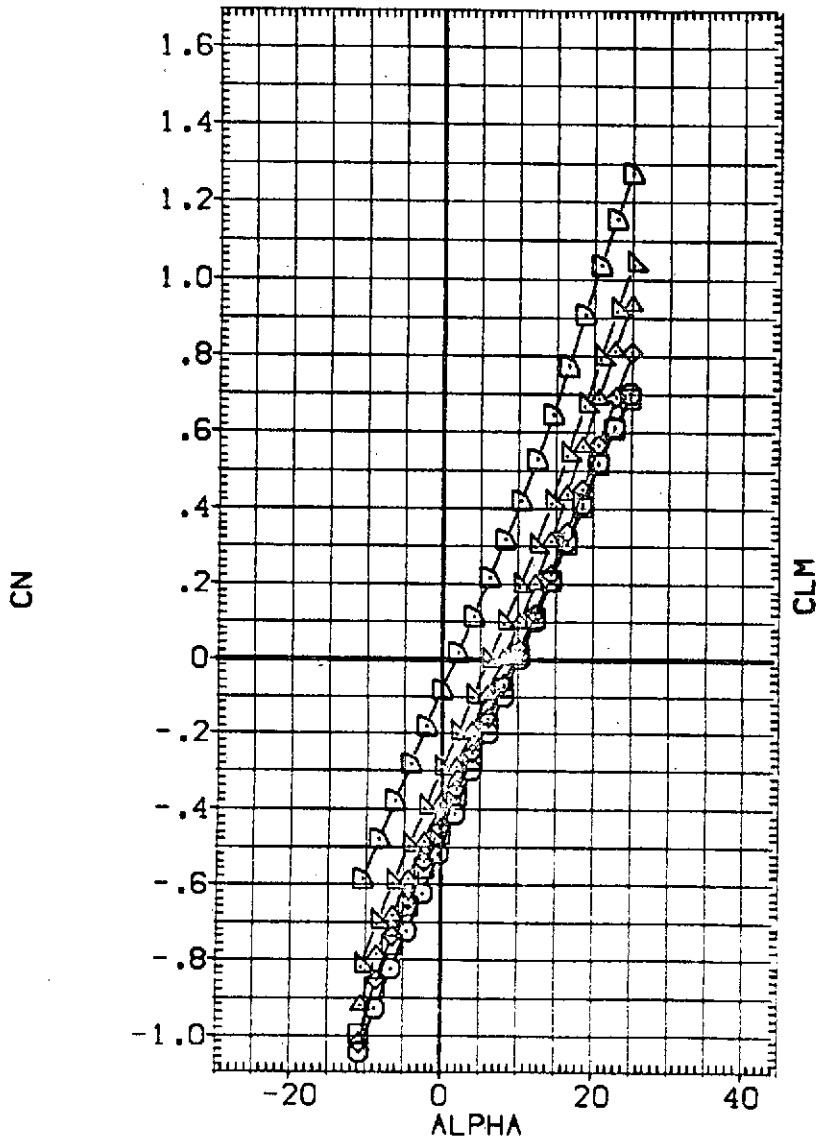
FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6031)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6030)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6015)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6006)	◺	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	D	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



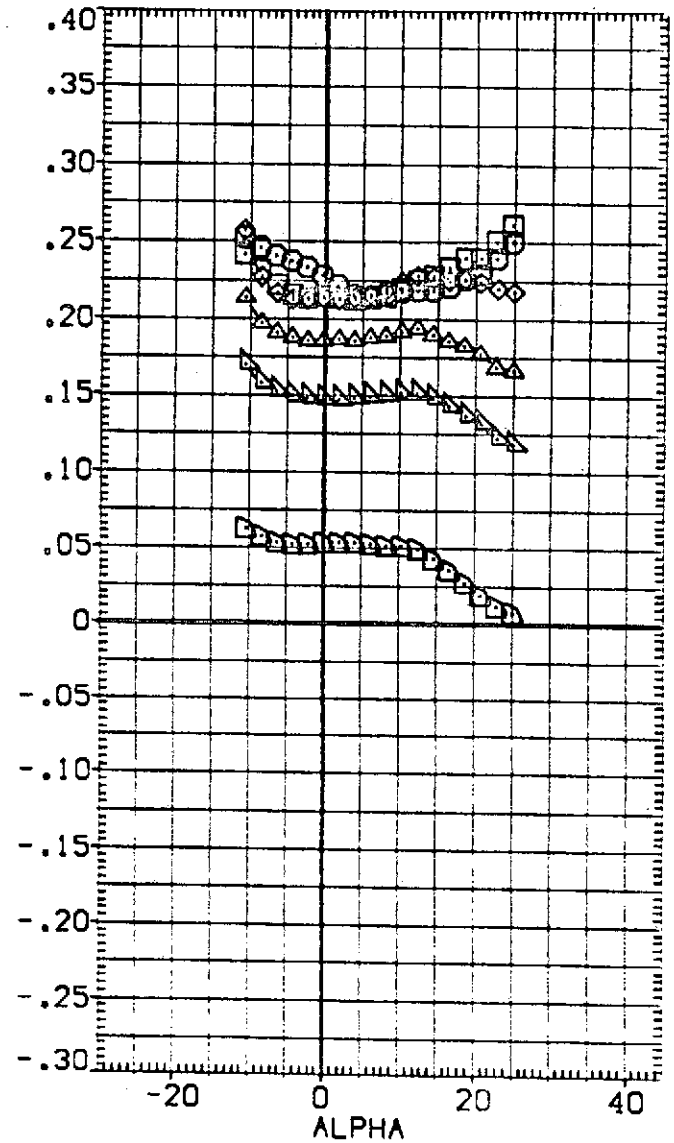


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6031)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6030)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6015)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6006)	◭	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	◺	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

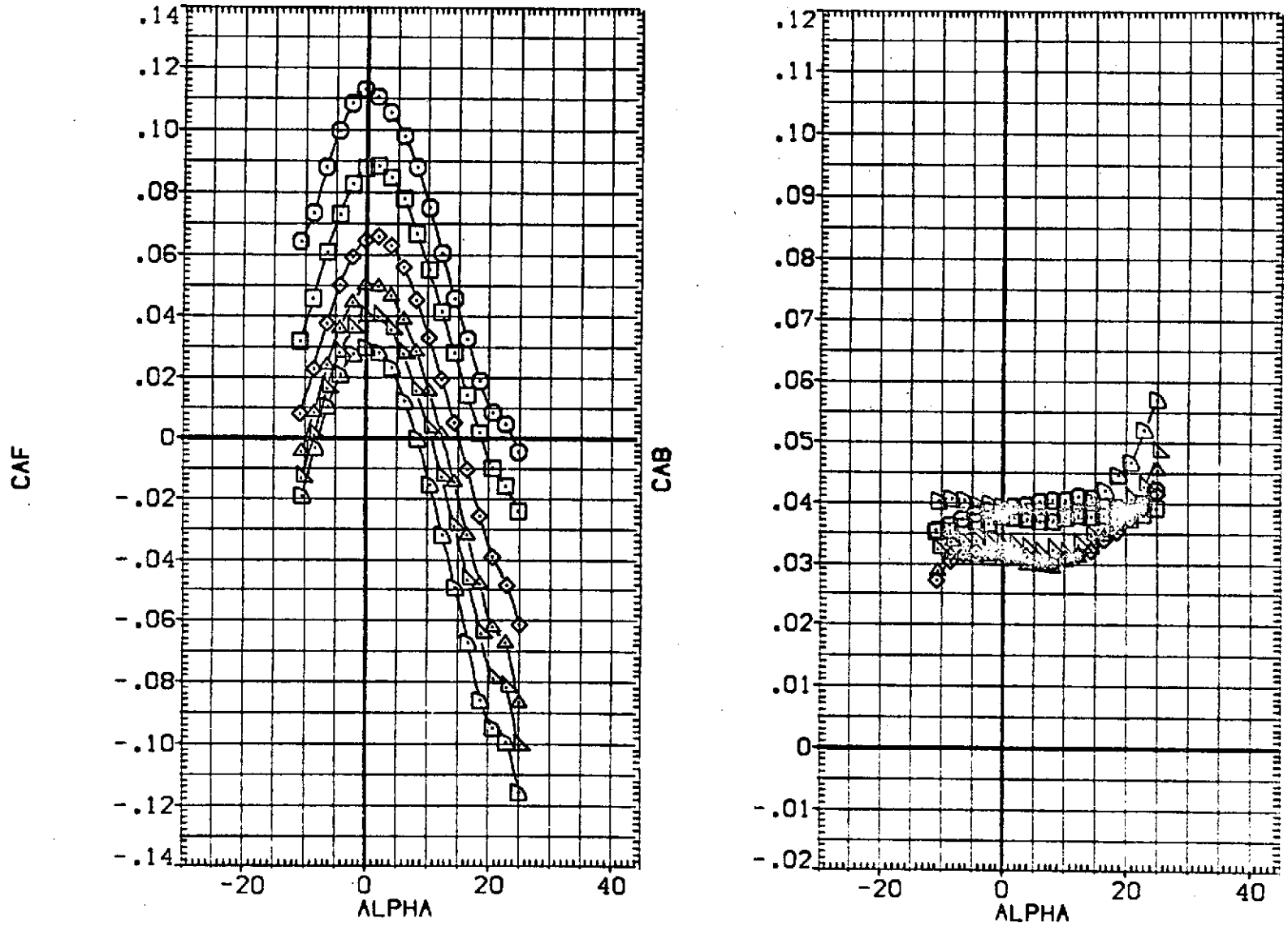


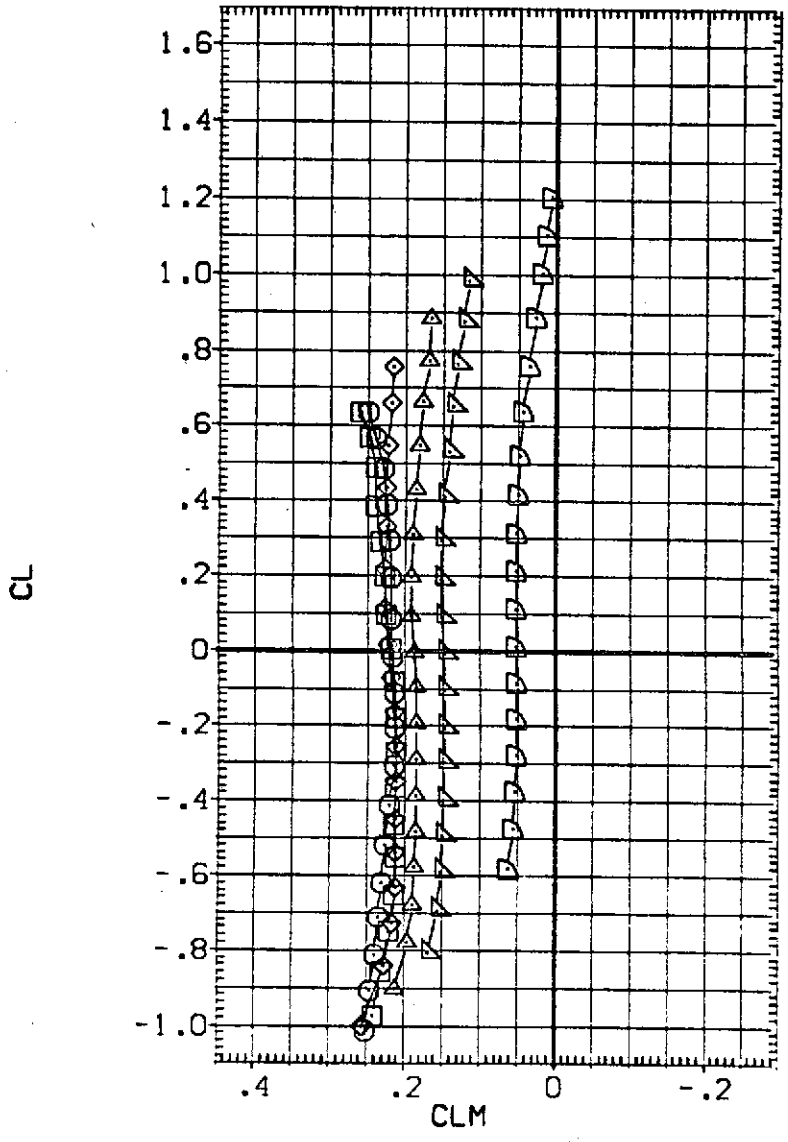
FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6031)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6030)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6015)	◺	0A118 B26C9M7F8W116E26V8R5X9
(BF6006)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	◗	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



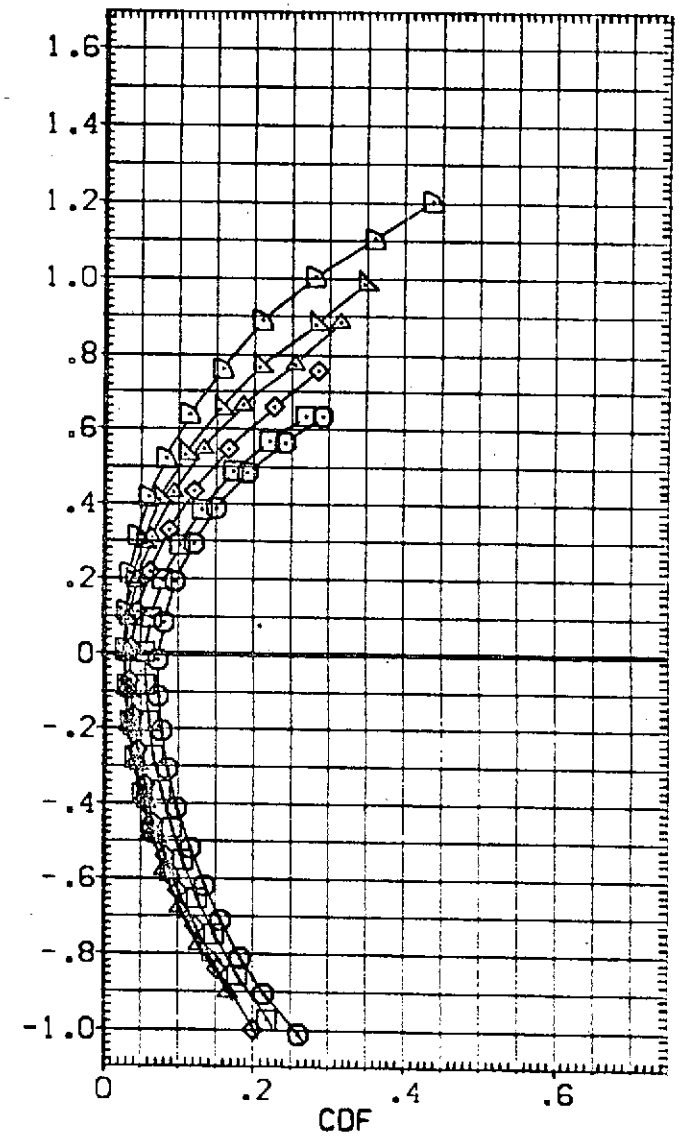


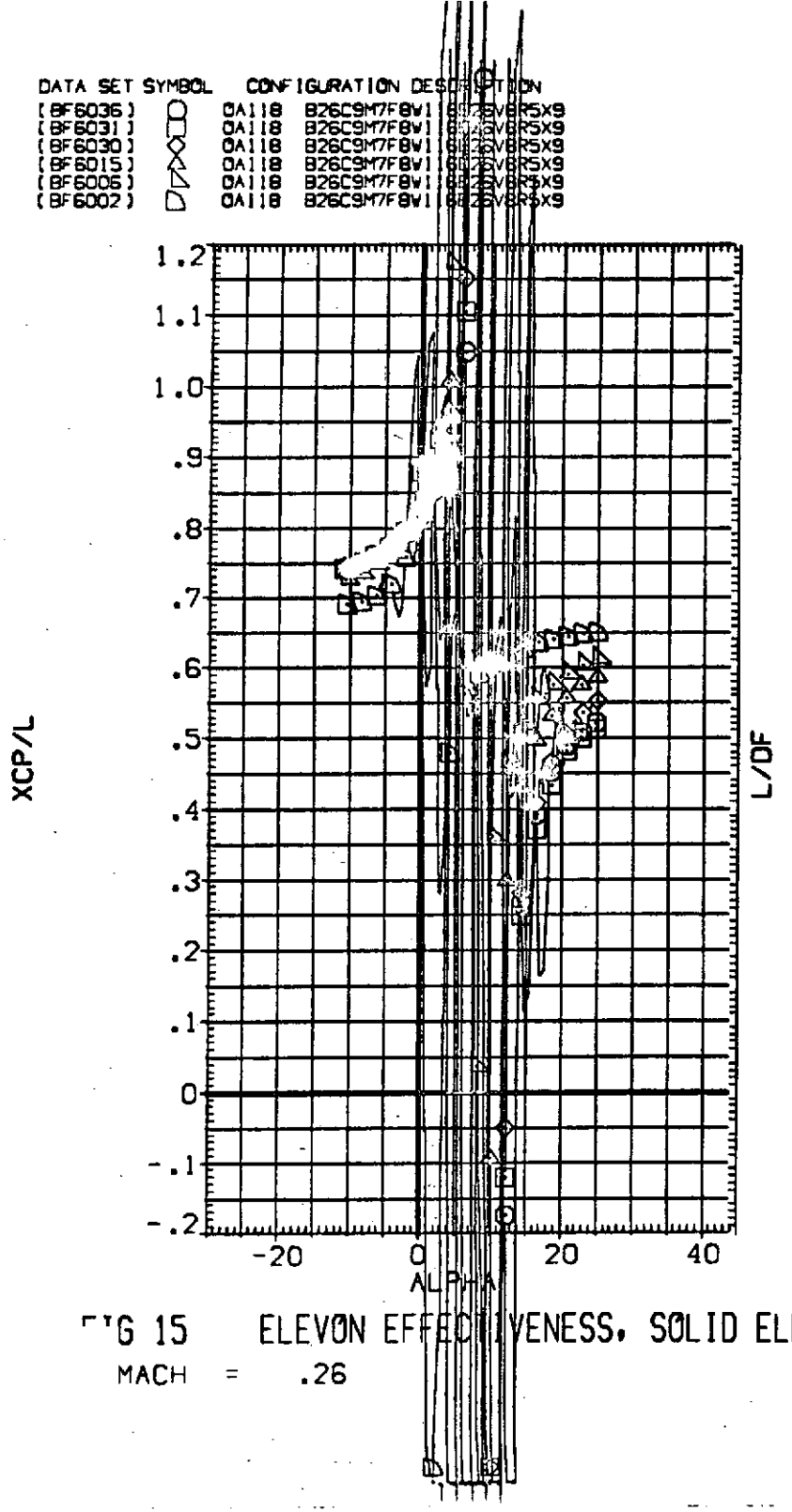
FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6036)	○	0A118 B26C9M7F8W1[illegible]V8R5X9
(BF6031)	□	0A118 B26C9M7F8W1[illegible]V8R5X9
(BF6030)	◇	0A118 B26C9M7F8W1[illegible]V8R5X9
(BF6015)	△	0A118 B26C9M7F8W1[illegible]V8R5X9
(BF6006)	◁	0A118 B26C9M7F8W1[illegible]V8R5X9
(BF6002)	D	0A118 B26C9M7F8W1[illegible]V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2799	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



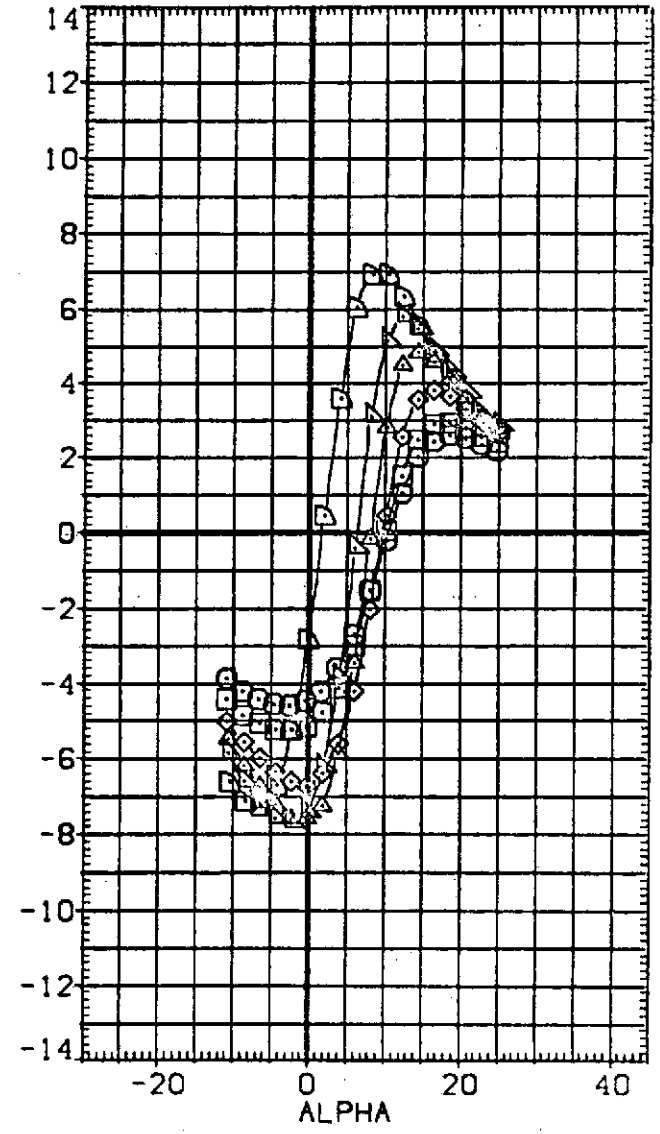


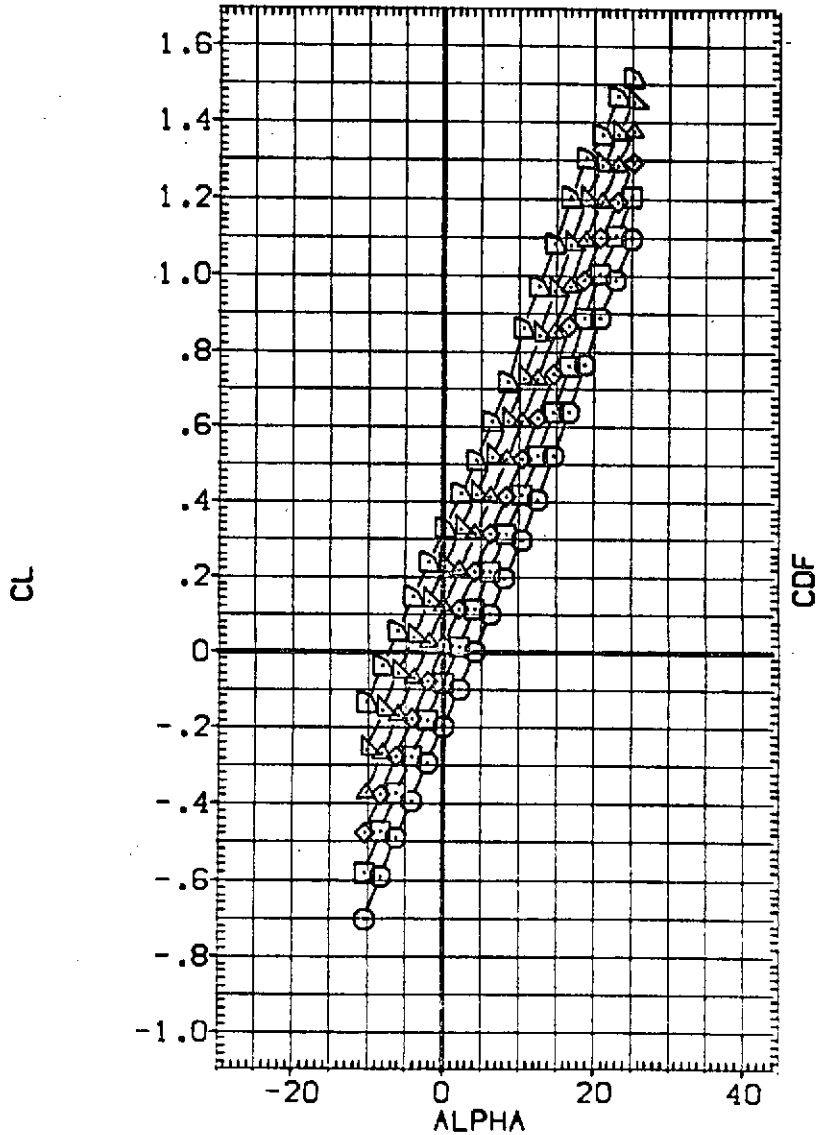
FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6003)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6013)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6007)	↖	0A118 B26C9M7F8W116E26V8R5X9
(BF6016)	D	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



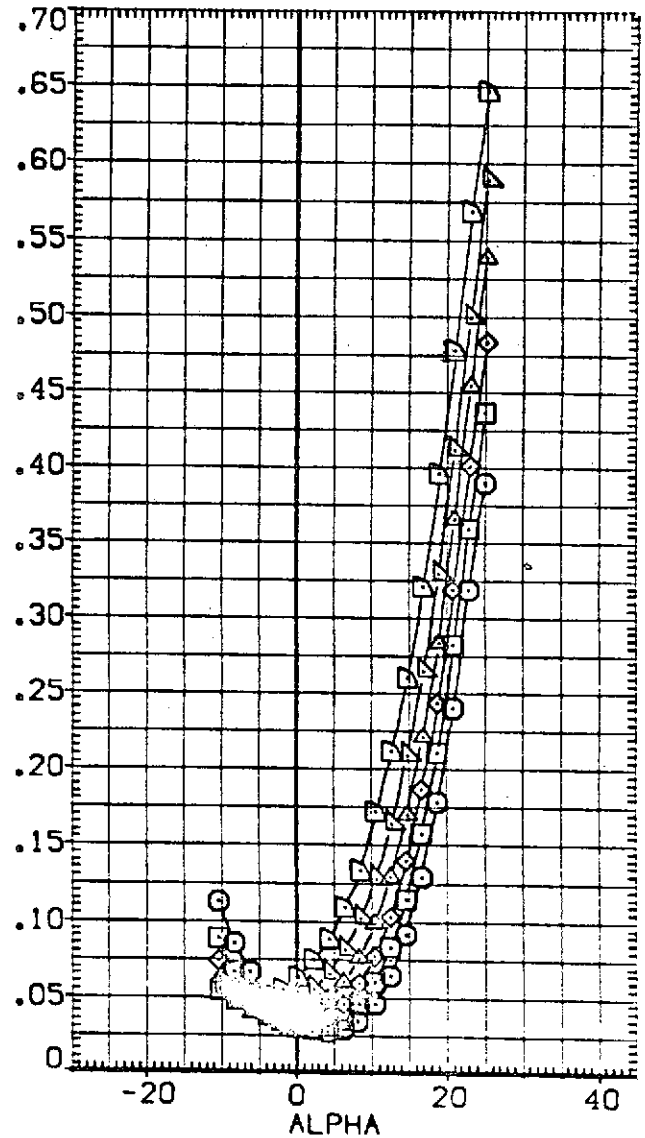


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6011)	○	0A118 B26C9M7F8W116E26V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6002)	□	0A118 B26C9M7F8W116E26V8R5X9	.000	.000	.000	.000
(BF6003)	◇	0A118 B26C9M7F8W116E26V8R5X9	5.000	5.000	5.000	5.000
(BF6013)	△	0A118 B26C9M7F8W116E26V8R5X9	10.000	10.000	10.000	10.000
(BF6007)	◺	0A118 B26C9M7F8W116E26V8R5X9	15.000	15.000	15.000	15.000
(BF6016)	◸	0A118 B26C9M7F8W116E26V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

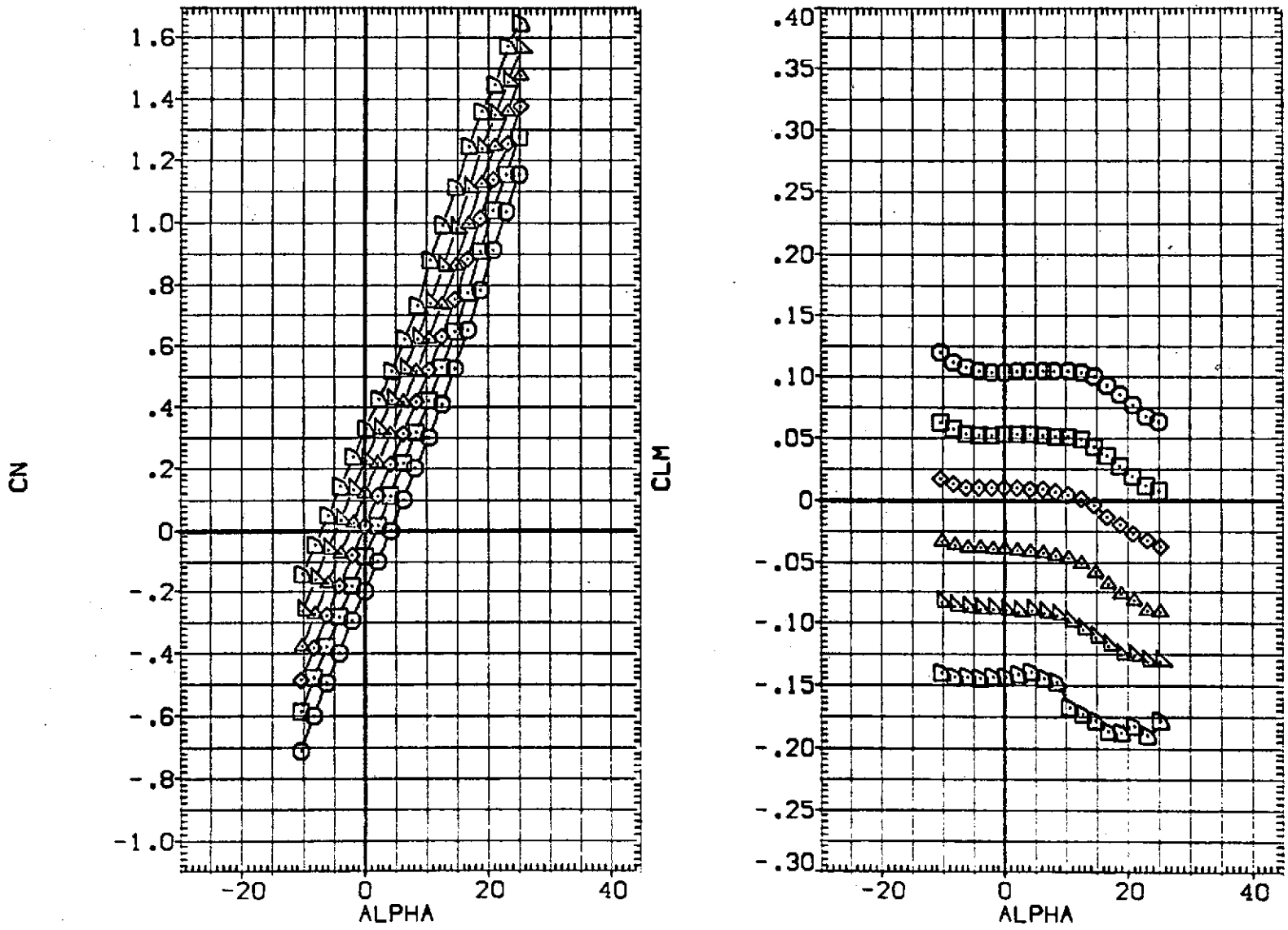


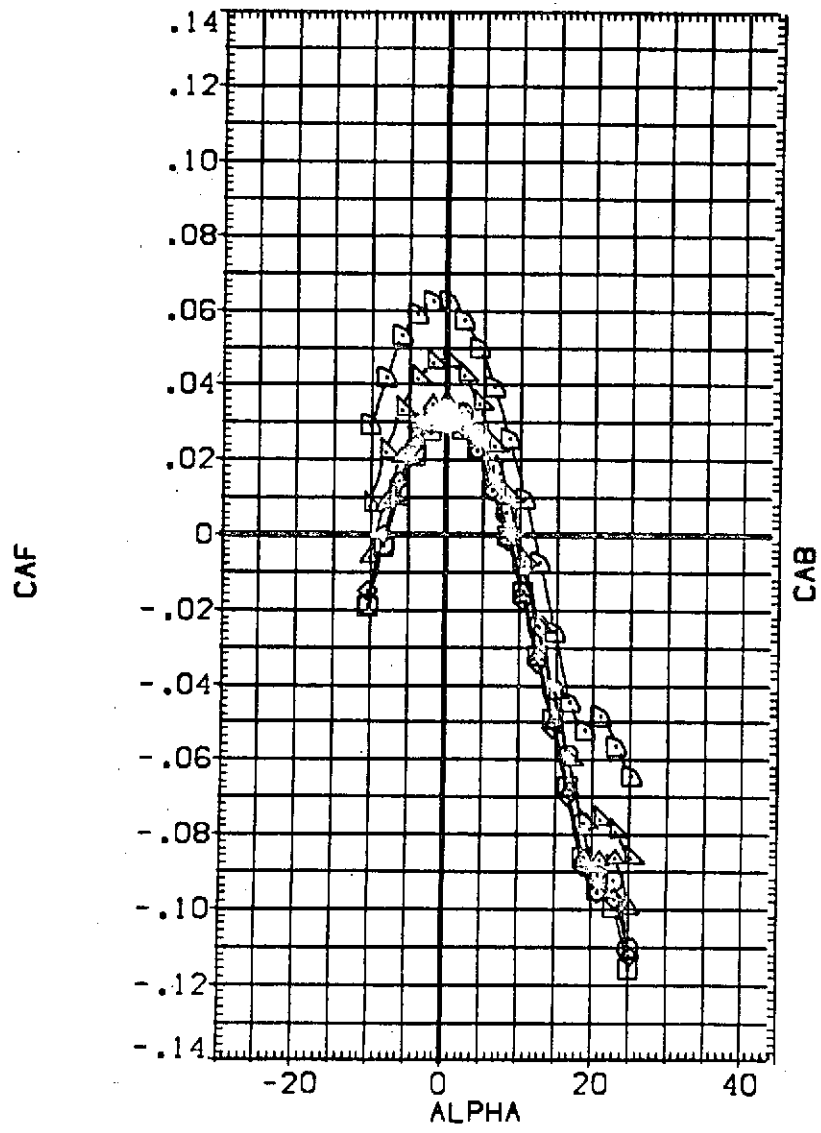
FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6003)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6013)	◁	0A118 B26C9M7F8W116E26V8R5X9
(BF6007)	▷	0A118 B26C9M7F8W116E26V8R5X9
(BF6016)	D	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



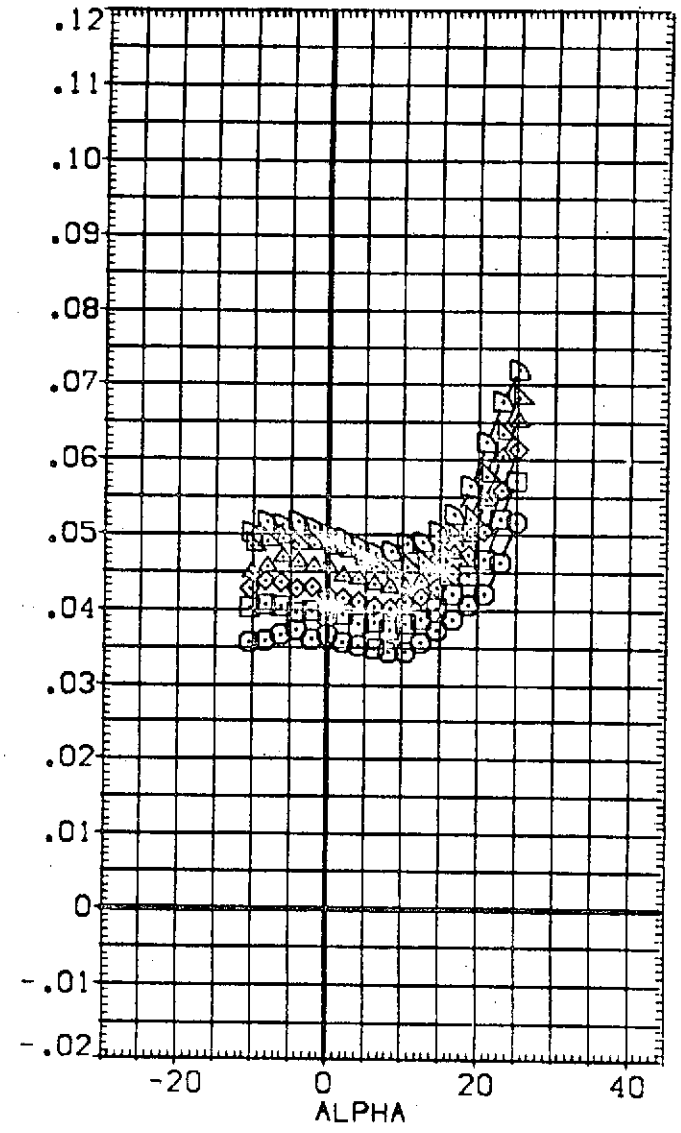


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	0A118 B26C9M7F8W116E26V8R5X9
(BF6002)	□	0A118 B26C9M7F8W116E26V8R5X9
(BF6003)	◇	0A118 B26C9M7F8W116E26V8R5X9
(BF6013)	△	0A118 B26C9M7F8W116E26V8R5X9
(BF6007)	◺	0A118 B26C9M7F8W116E26V8R5X9
(BF6016)	◸	0A118 B26C9M7F8W116E26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

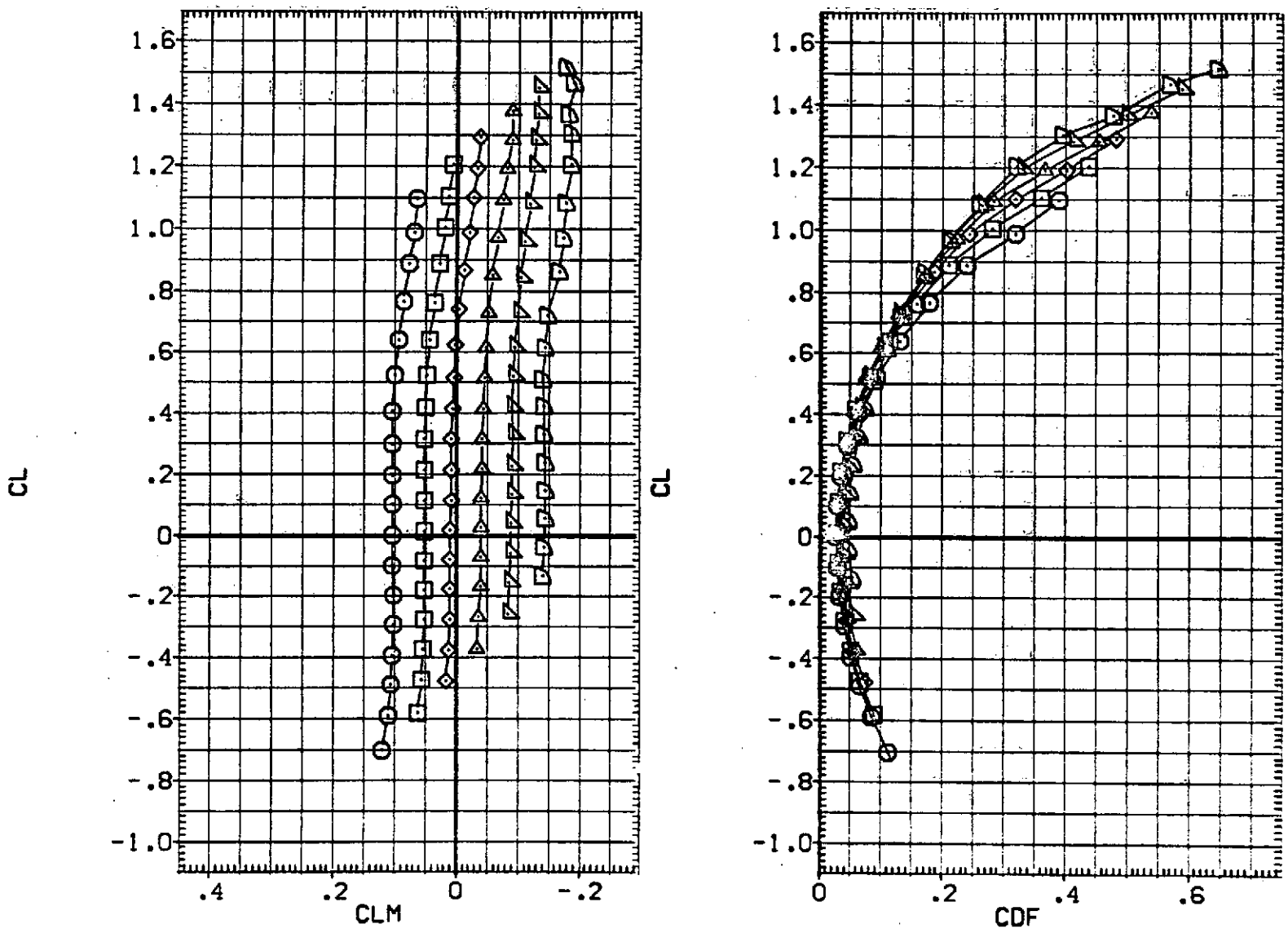


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

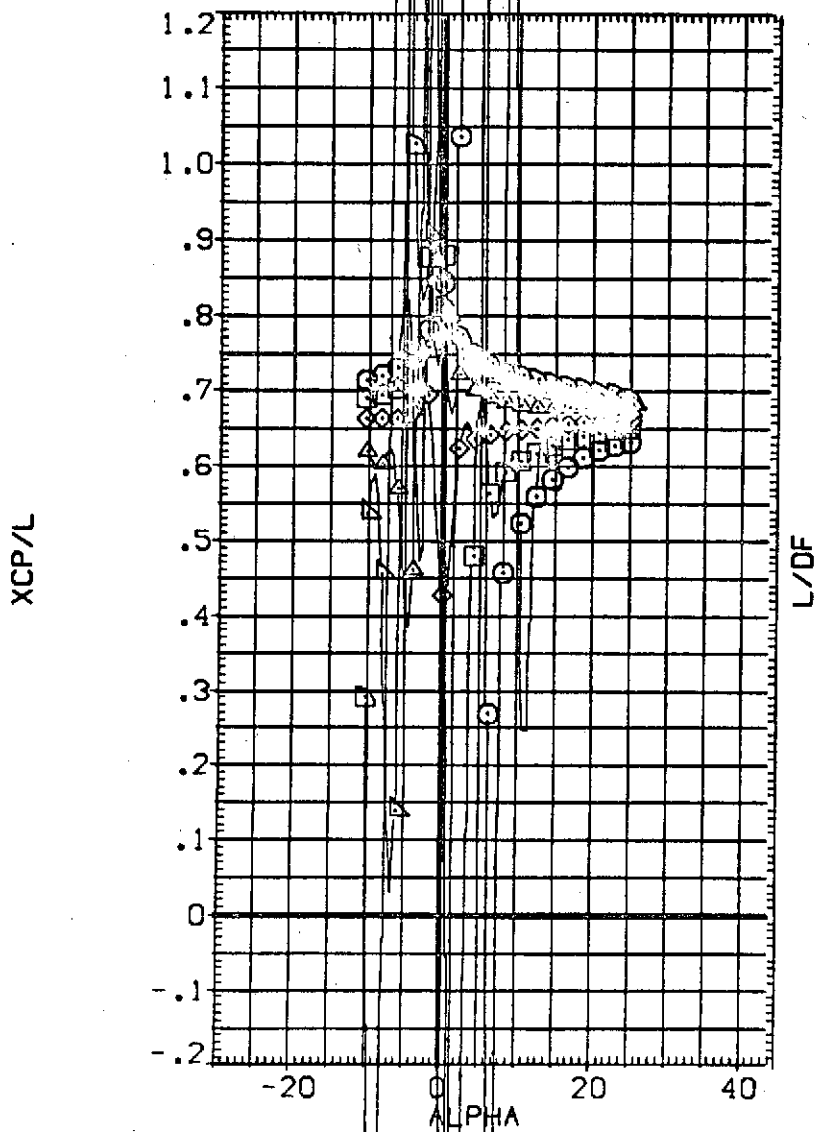
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6011)	○	OA118 B26C9M7F8W116B26V8R5X9
(BF6002)	□	OA118 B26C9M7F8W116B26V8R5X9
(BF6003)	◇	OA118 B26C9M7F8W116B26V8R5X9
(BF6013)	△	OA118 B26C9M7F8W116B26V8R5X9
(BF6007)	◺	OA118 B26C9M7F8W116B26V8R5X9
(BF6016)	◗	OA118 B26C9M7F8W116B26V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



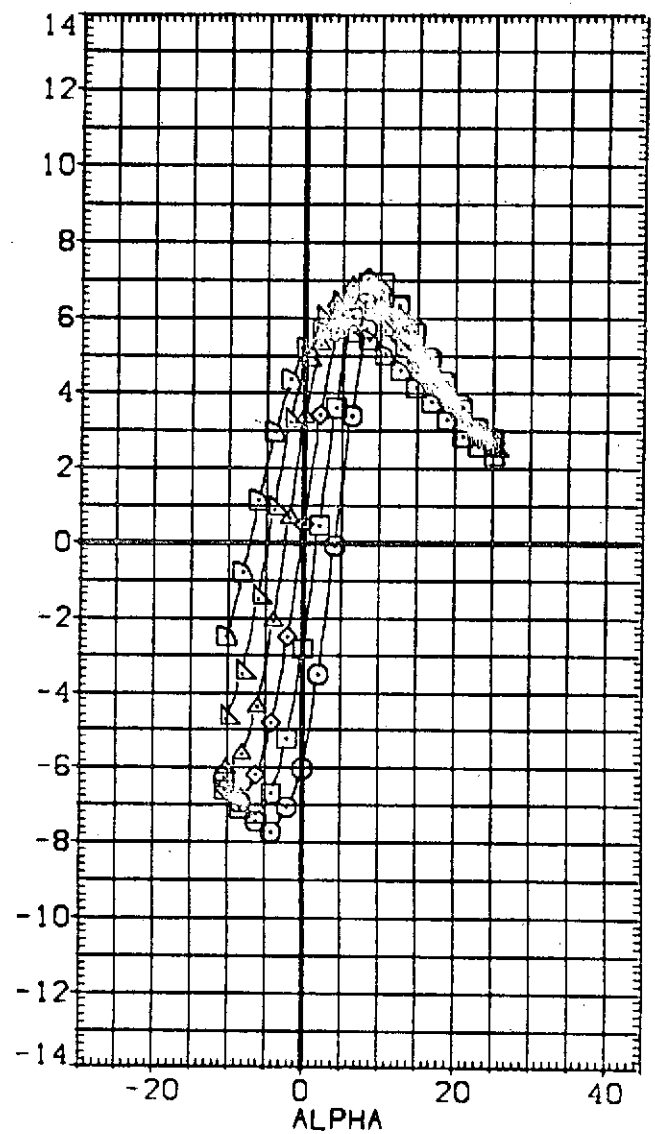
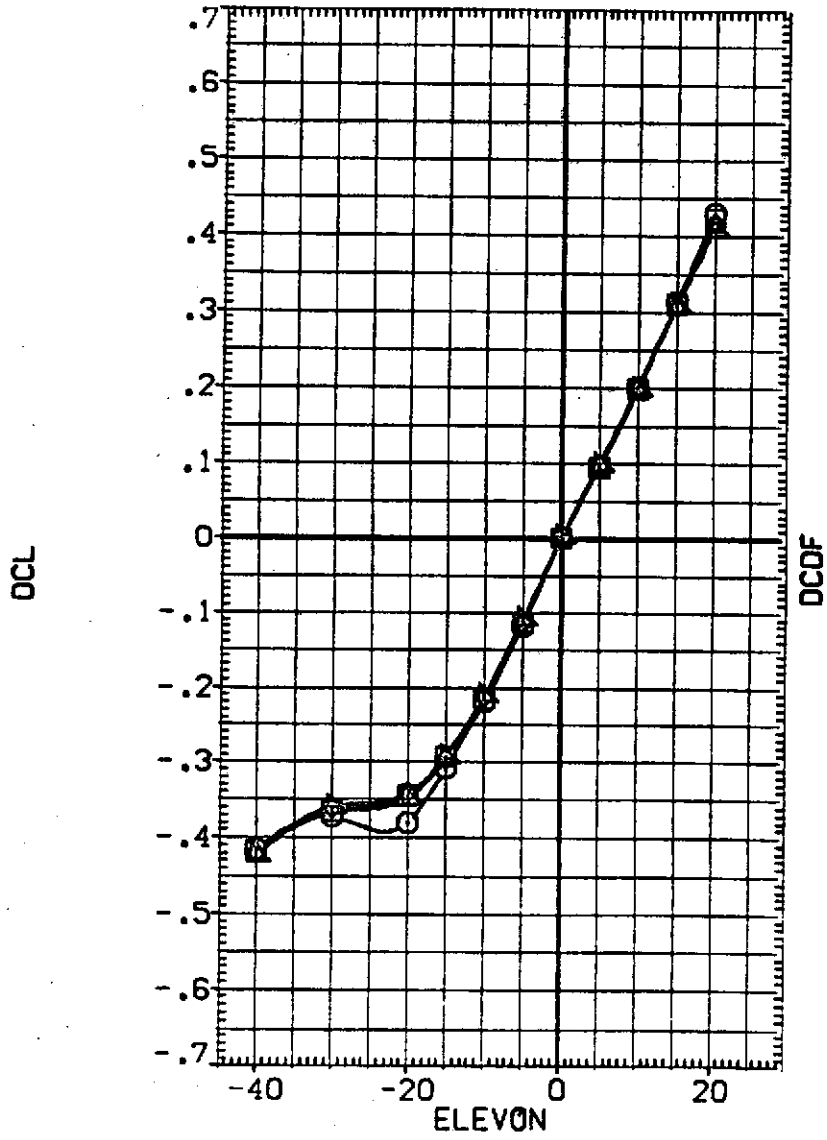


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

(A)MACH = .26

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPOBRK	25.000	BOFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
◺	-2.000					JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE



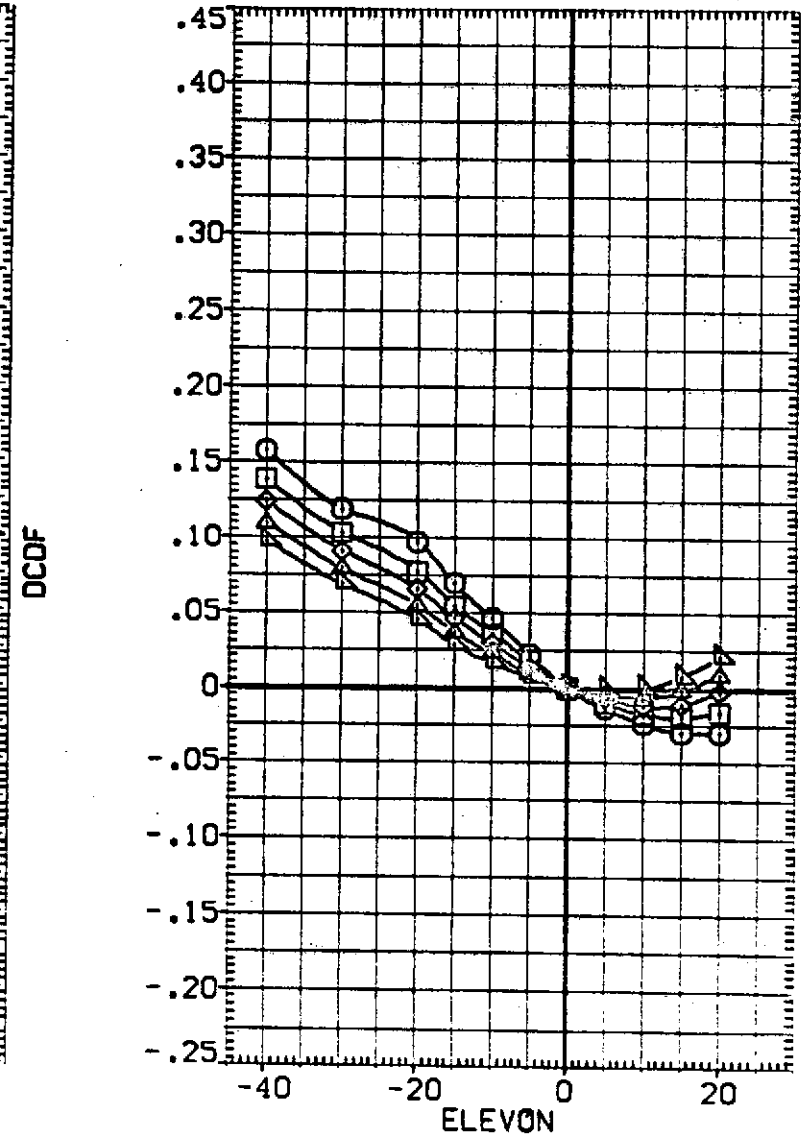
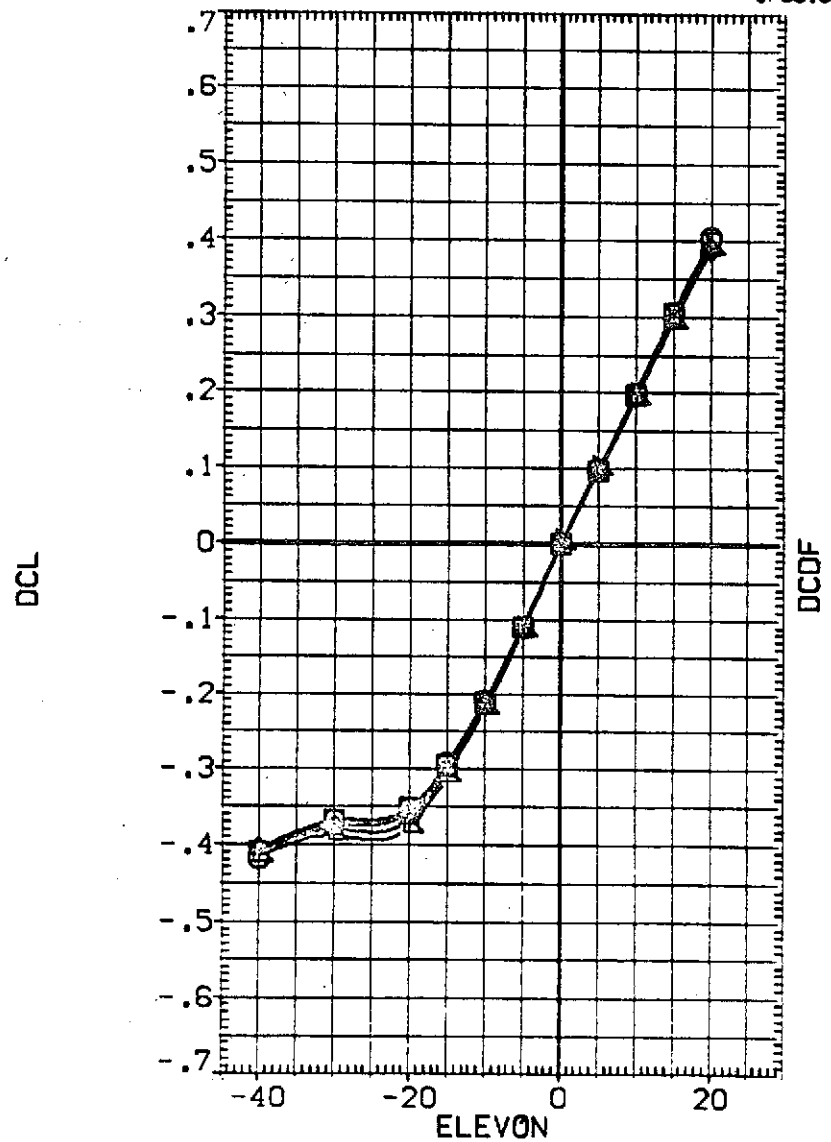


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	4.000	SPDBRK	25.000	BDFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	6.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
◺	8.000					JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE



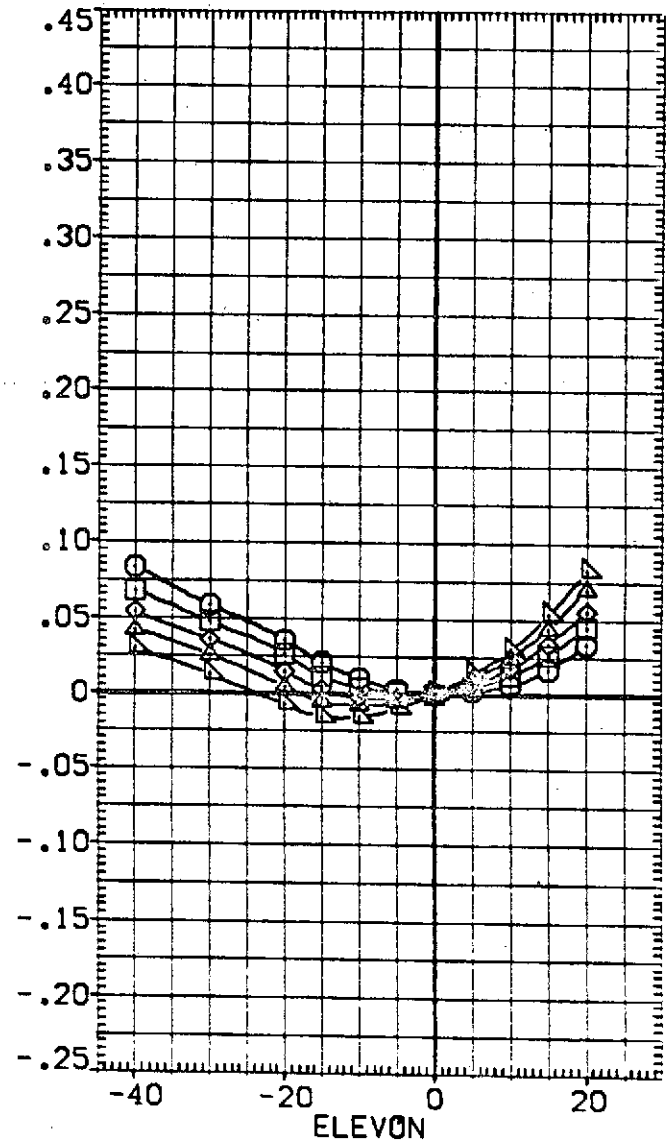


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

SYMBOL	ALPHA
○	10.000
□	12.000
◇	14.000
△	16.000
◺	18.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	
ELE-RI	-40.000	ELE-RO	-40.000	
SPDBRK	25.000	BOFLAP	-12.000	
RUDDER	.000	BETA	.000	

DATA SOURCE

DATASET	ELEVON	DATASET	ELEVON
JF6036	-40.000	JF6031	-30.000
JF6030	-20.000	JF6015	-15.000
JF6006	-10.000	JF6011	-5.000
JF6002	.000	JF6003	5.000
JF6013	10.000	JF6007	15.000
JF6016	20.000		

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

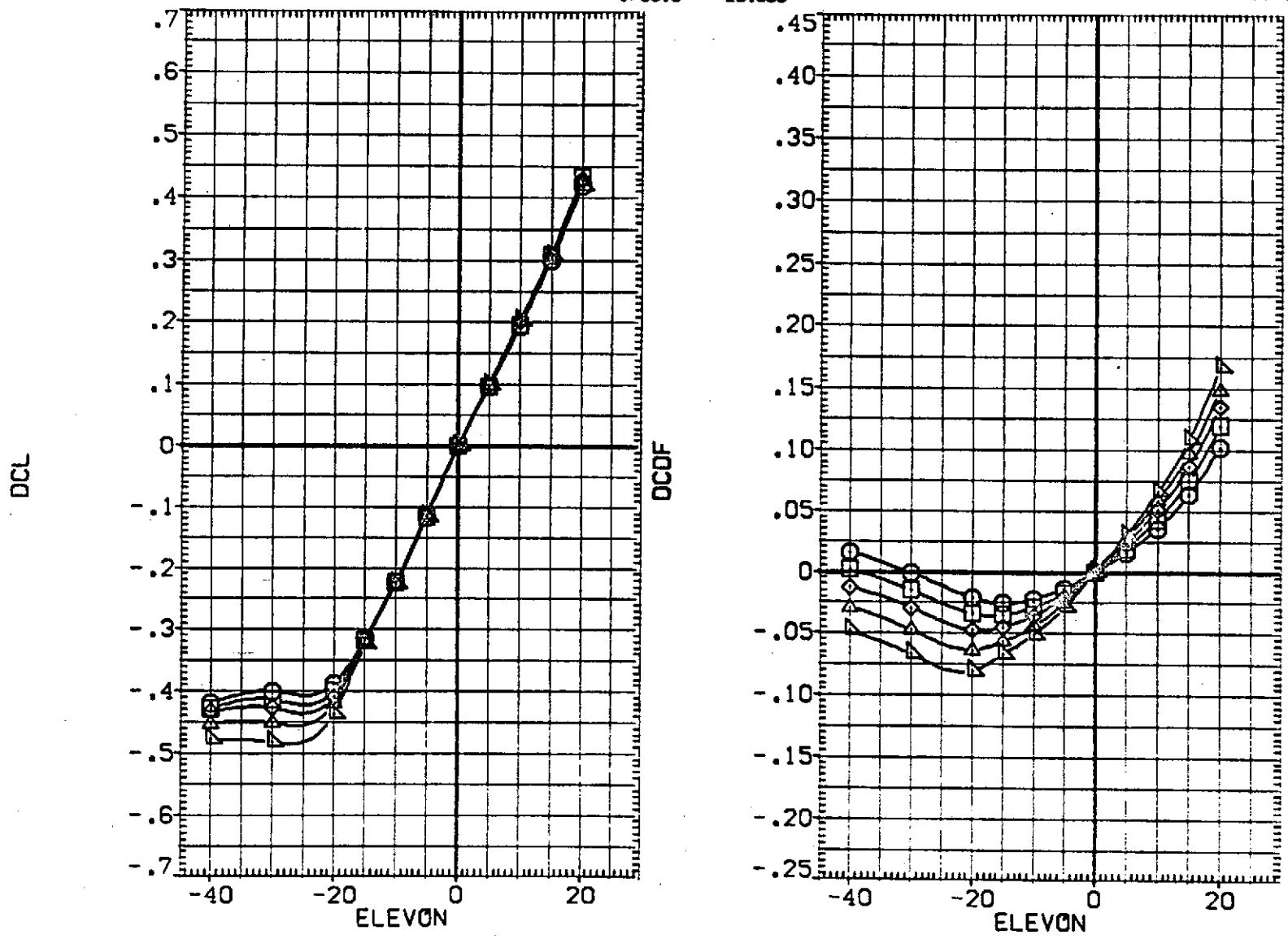
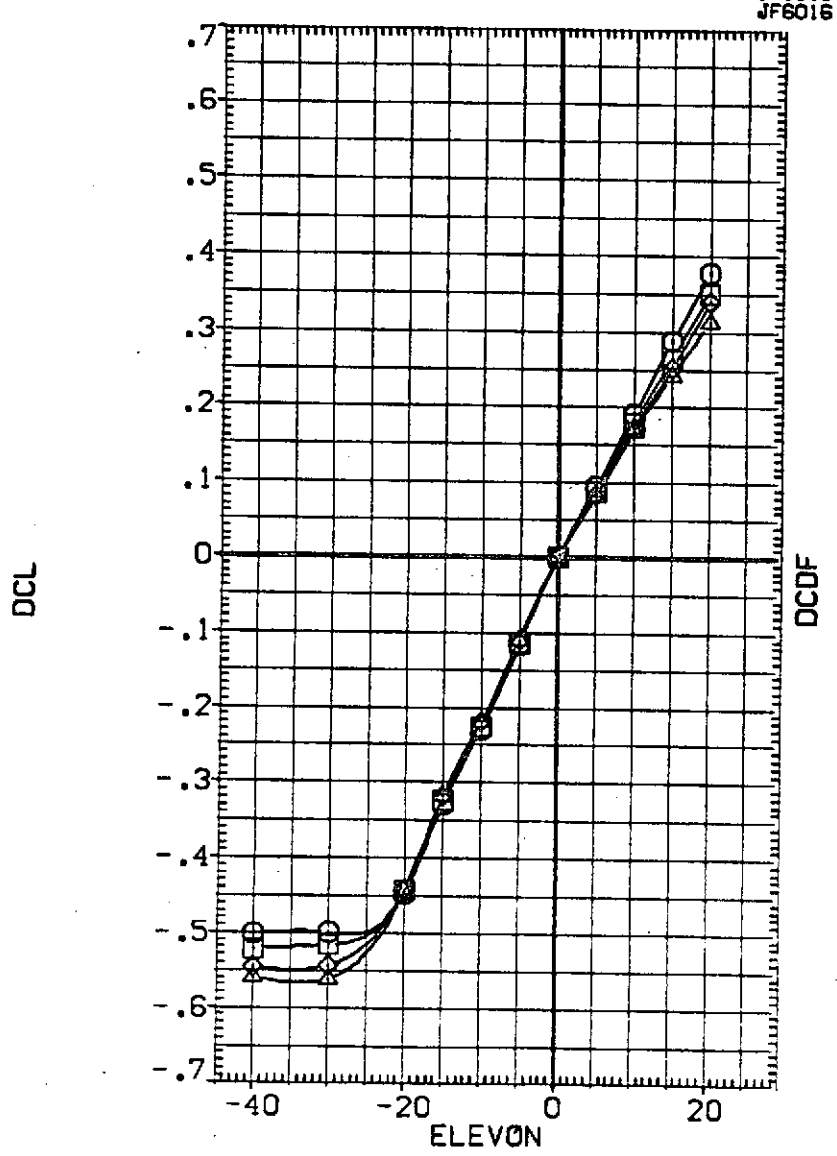


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

GA118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES						DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	24.000	SPOBRK	25.000	BOFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
						JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE



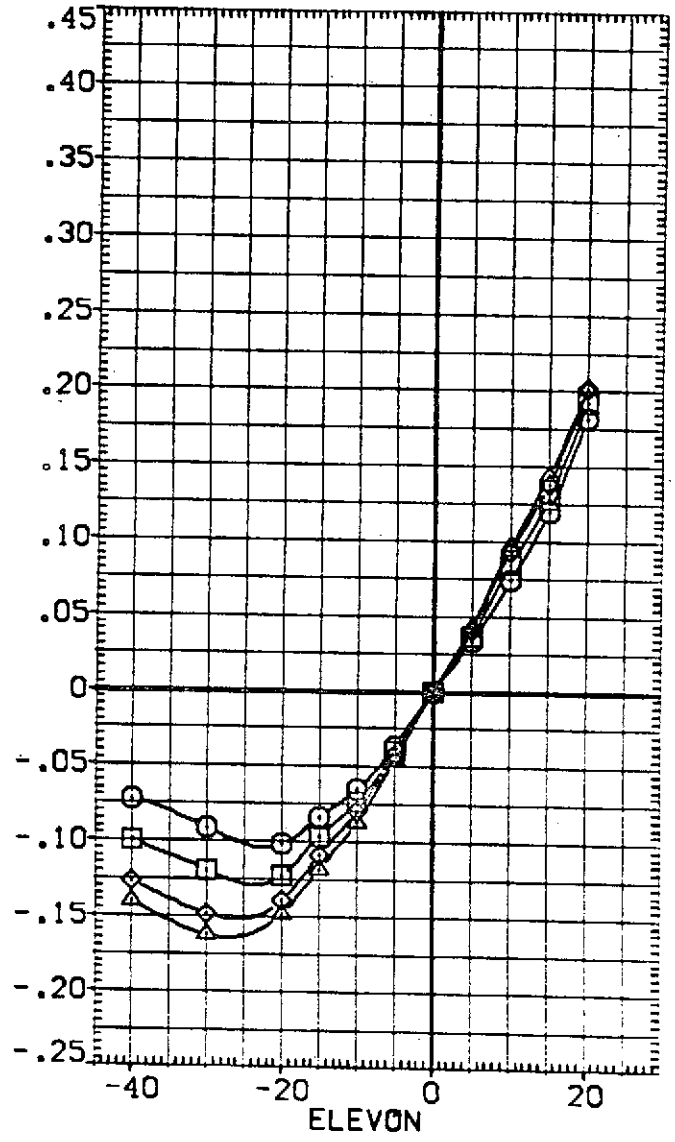


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPOBRK	25.000	BOFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
◺	-2.000					JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE

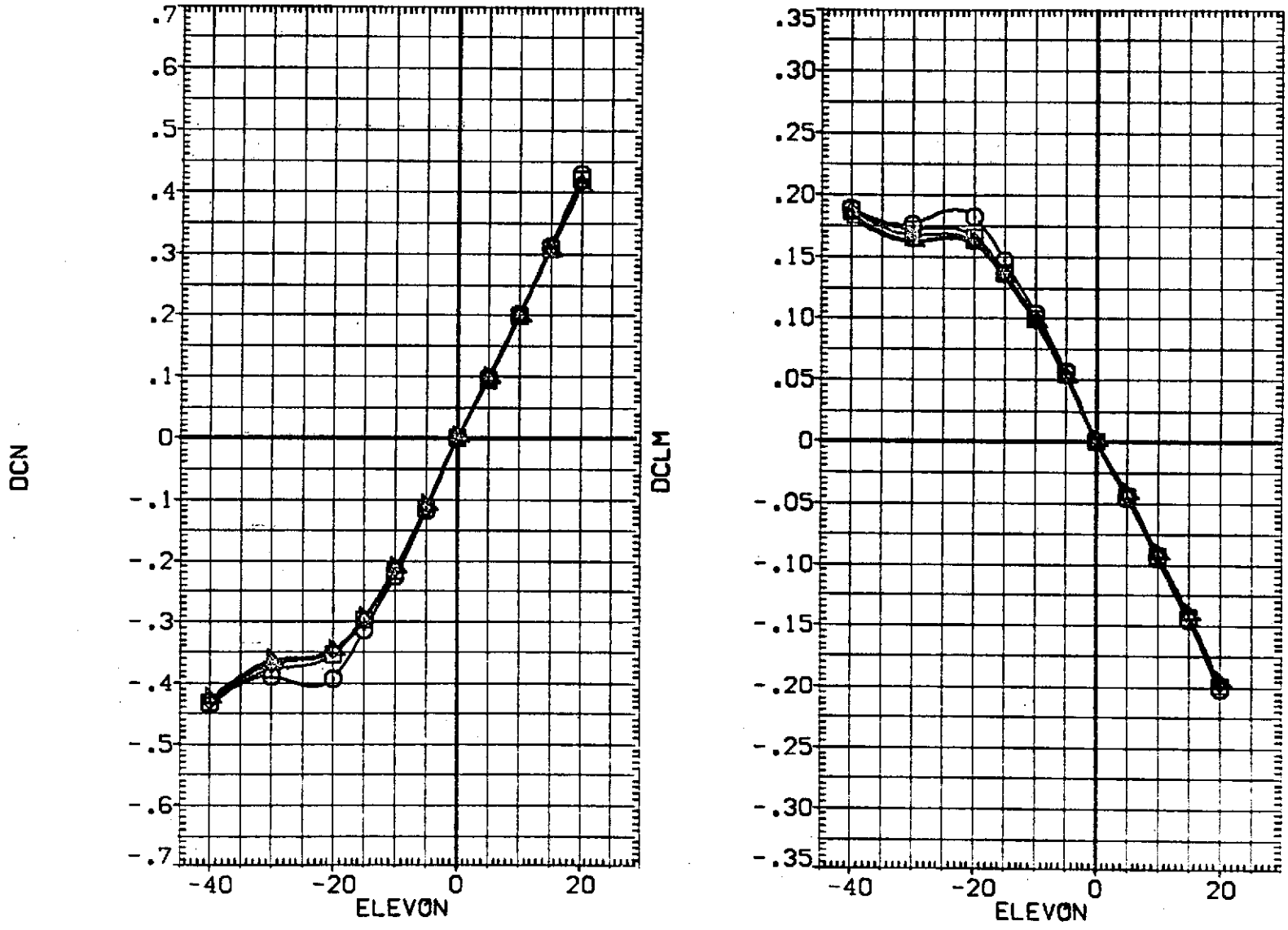


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION	
○	.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF 4.4119	SQ.FT.
□	2.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF 19.2299	INCHES
◇	4.000	SPDBRK	25.000	BOFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF 37.9359	INCHES
△	6.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP 43.5974	INCHES
◿	8.000					JF6002	.000	JF6003	5.000	YMRP .0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP 15.1875	INCHES
						JF6016	20.000			SCALE .0405	SCALE

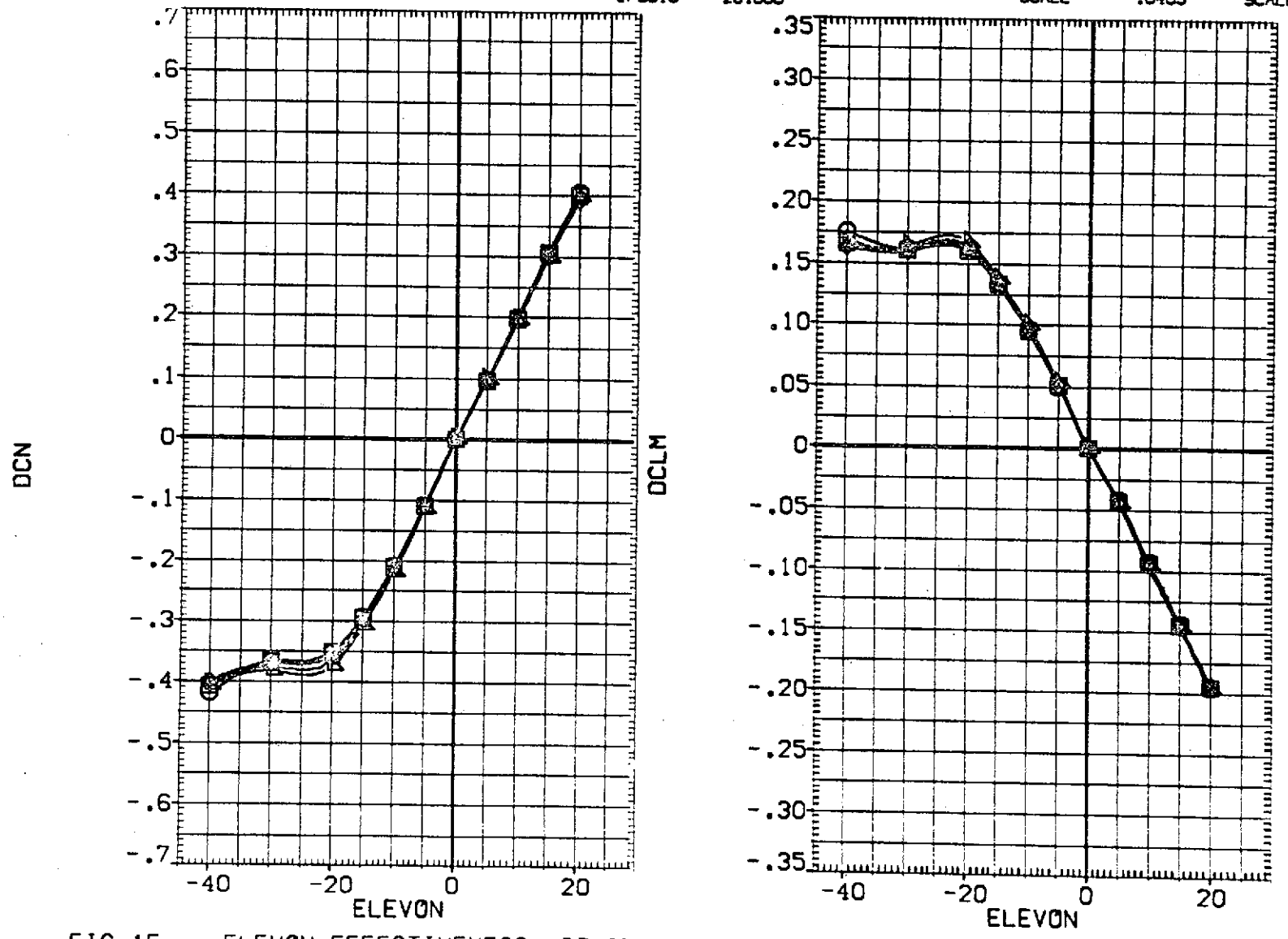


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2289	INCHES
◇	14.000	SPDBRK	25.000	BDFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
◺	18.000					JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE

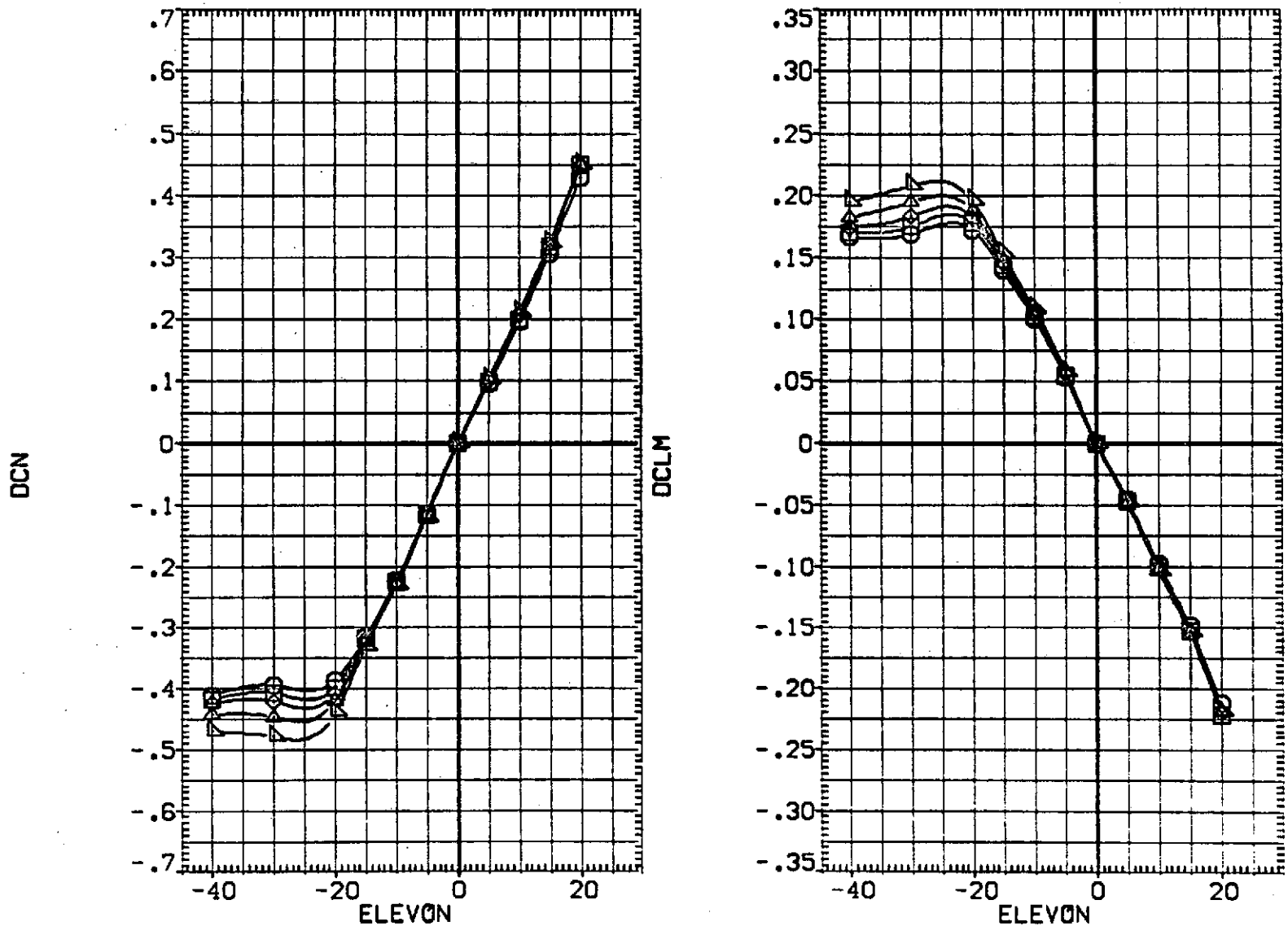


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	24.000	SPOBRK	25.000	BOFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	JF6005	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
						JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE

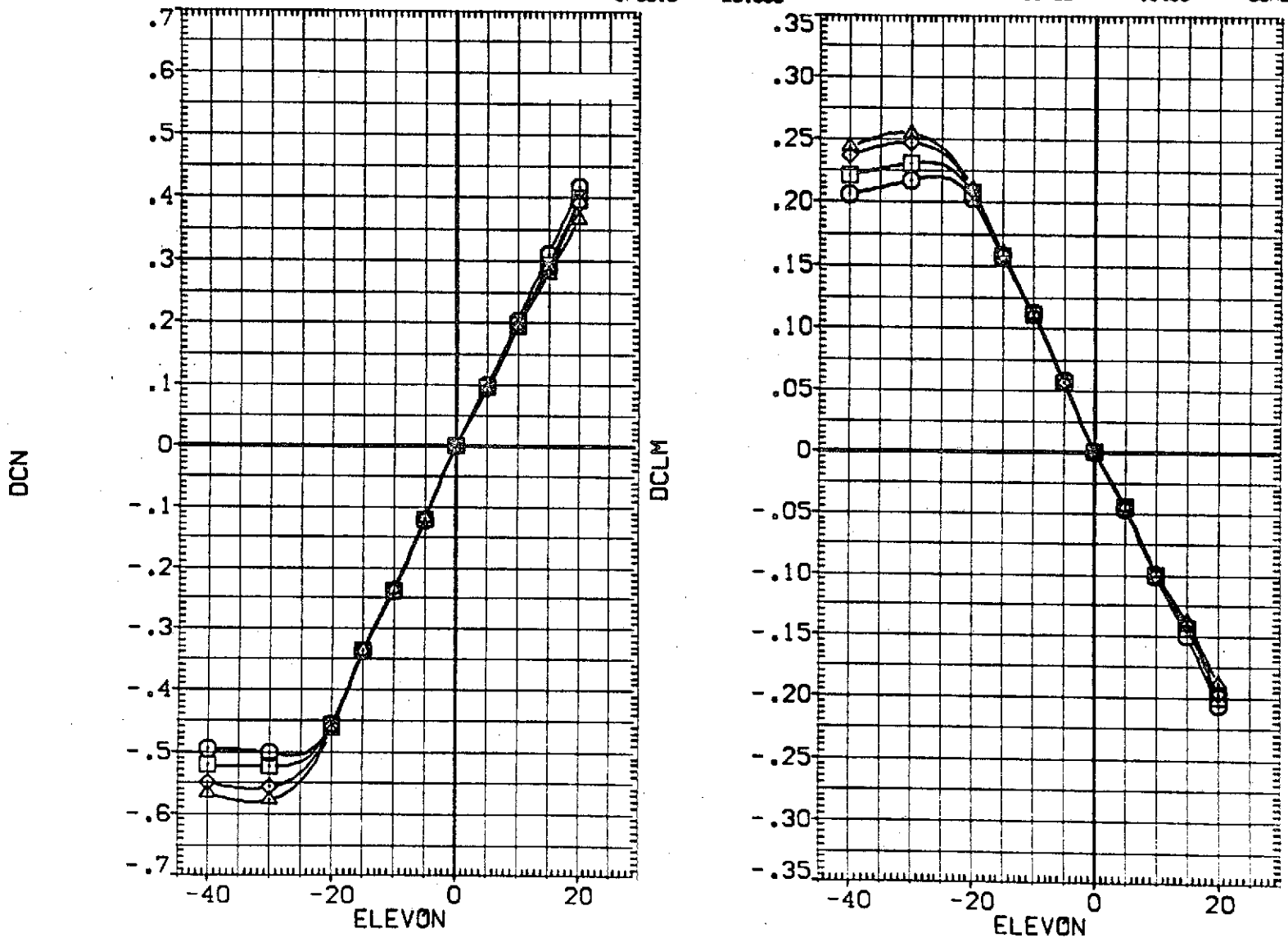


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA
○	-10.000
□	-8.000
◇	-6.000
△	-4.000
◺	-2.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET	ELEVON
ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000
SPDBRK	25.000	BOFLAP	-12.000	JF6030	-20.000
RUDDER	.000	BETA	.000	JF6006	-10.000
				JF6002	.000
				JF6013	10.000
				JF6016	20.000

DATA SOURCE

DATASET	ELEVON
JF6031	-30.000
JF6015	-15.000
JF6011	-5.000
JF6003	5.000
JF6007	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

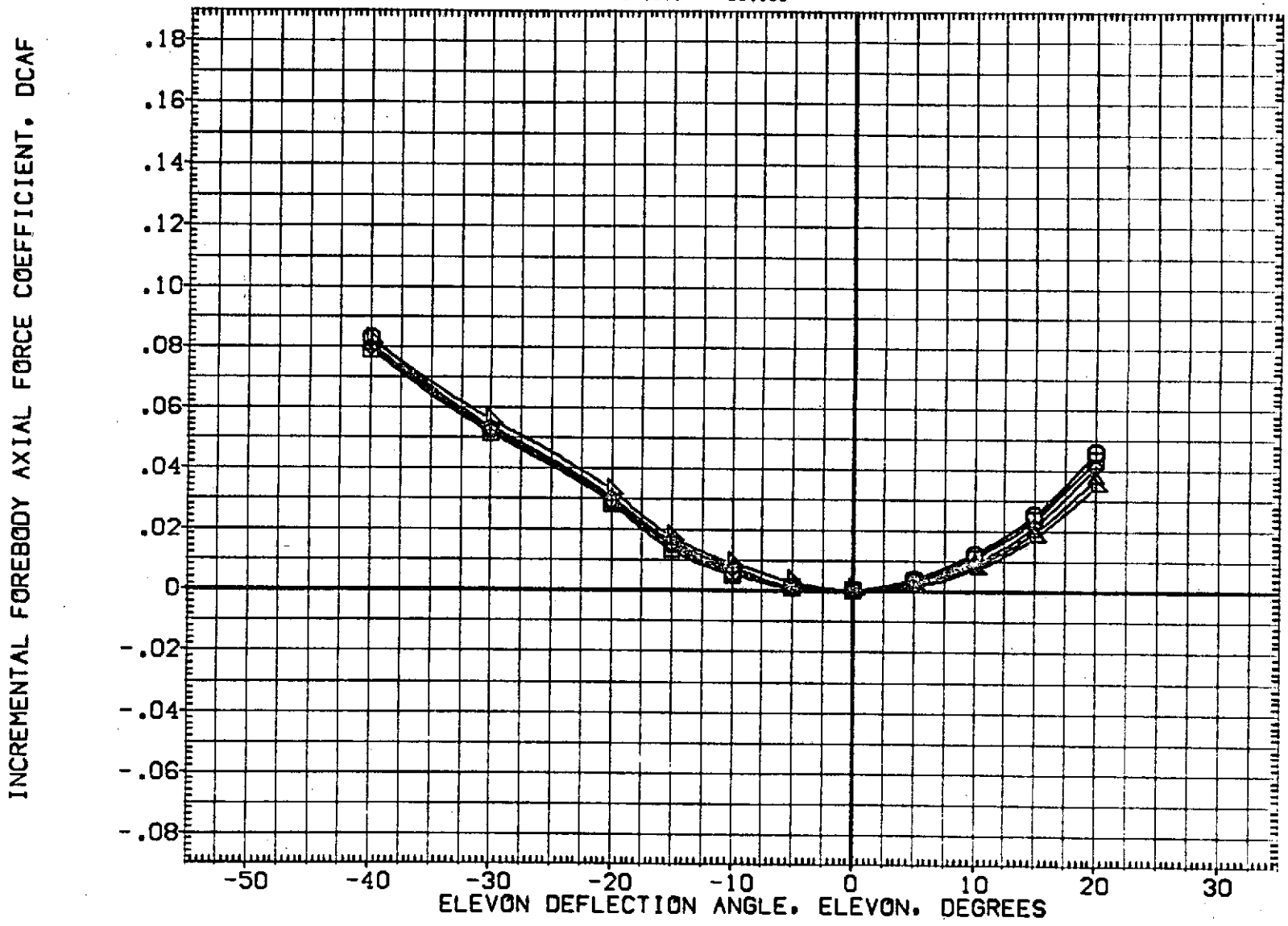


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA
○	.000
□	2.000
◇	4.000
△	6.000
◿	8.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000		
ELE-RI	-40.000	ELE-RO	-40.000		
SPDBRK	25.000	BDFLAP	-12.000		
RUDDER	.000	BETA	.000		

DATA SOURCE

DATASET	ELEVON	DATASET	ELEVON
JF6036	-40.000	JF6031	-30.000
JF6030	-20.000	JF6015	-15.000
JF6006	-10.000	JF6011	-5.000
JF6002	.000	JF6003	5.000
JF6013	10.000	JF6007	15.000
JF6016	20.000		

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

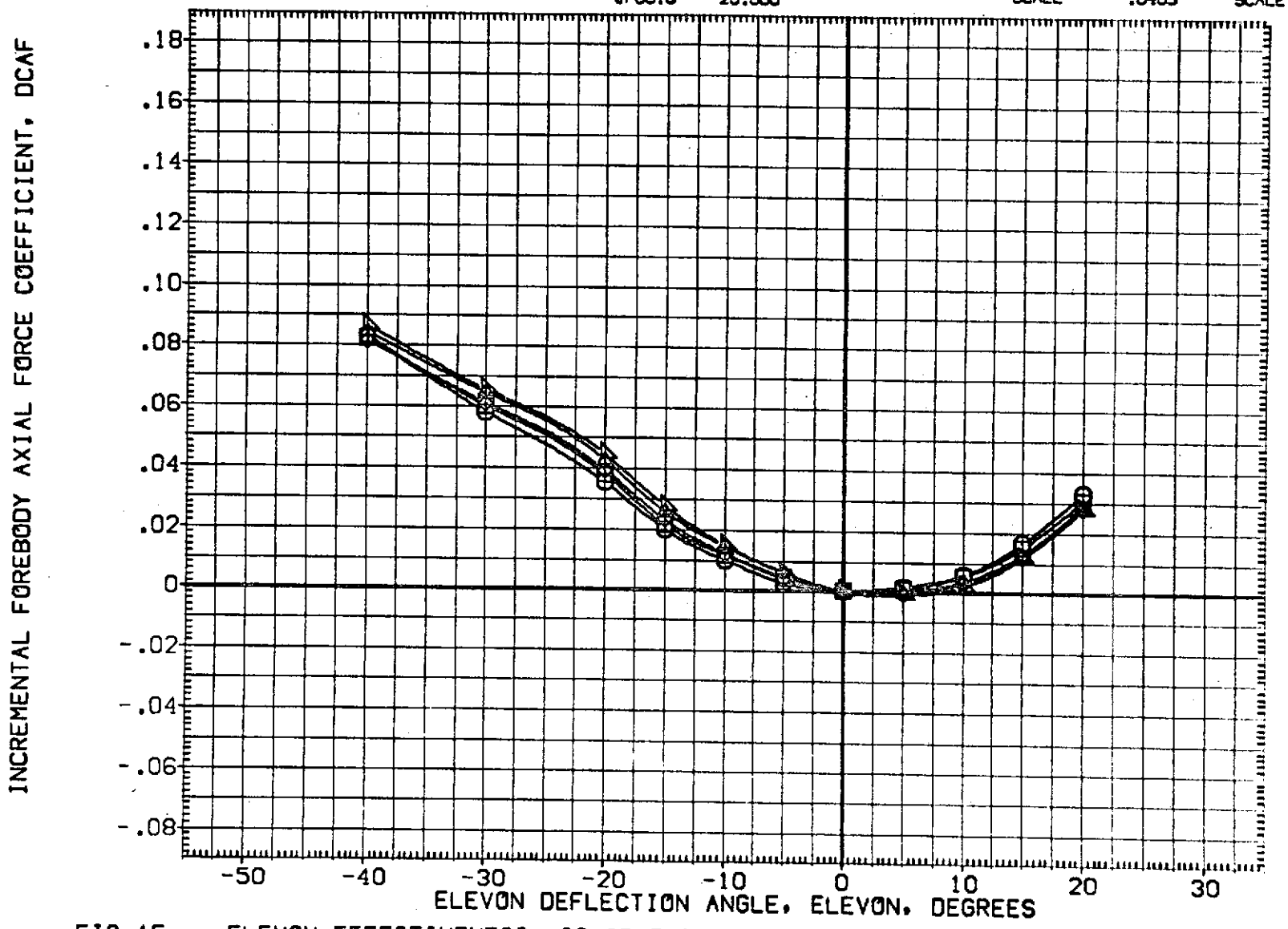


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	LREF	19.2299	INCHES
◇	14.000	SPDBRK	25.000	BDFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	XMRP	43.5974	INCHES
◺	18.000					JF6002	.000	JF6003	5.000	YMRP	.0000	INCHES
						JF6013	10.000	JF6007	15.000	ZMRP	15.1875	INCHES
						JF6016	20.000			SCALE	.0405	SCALE

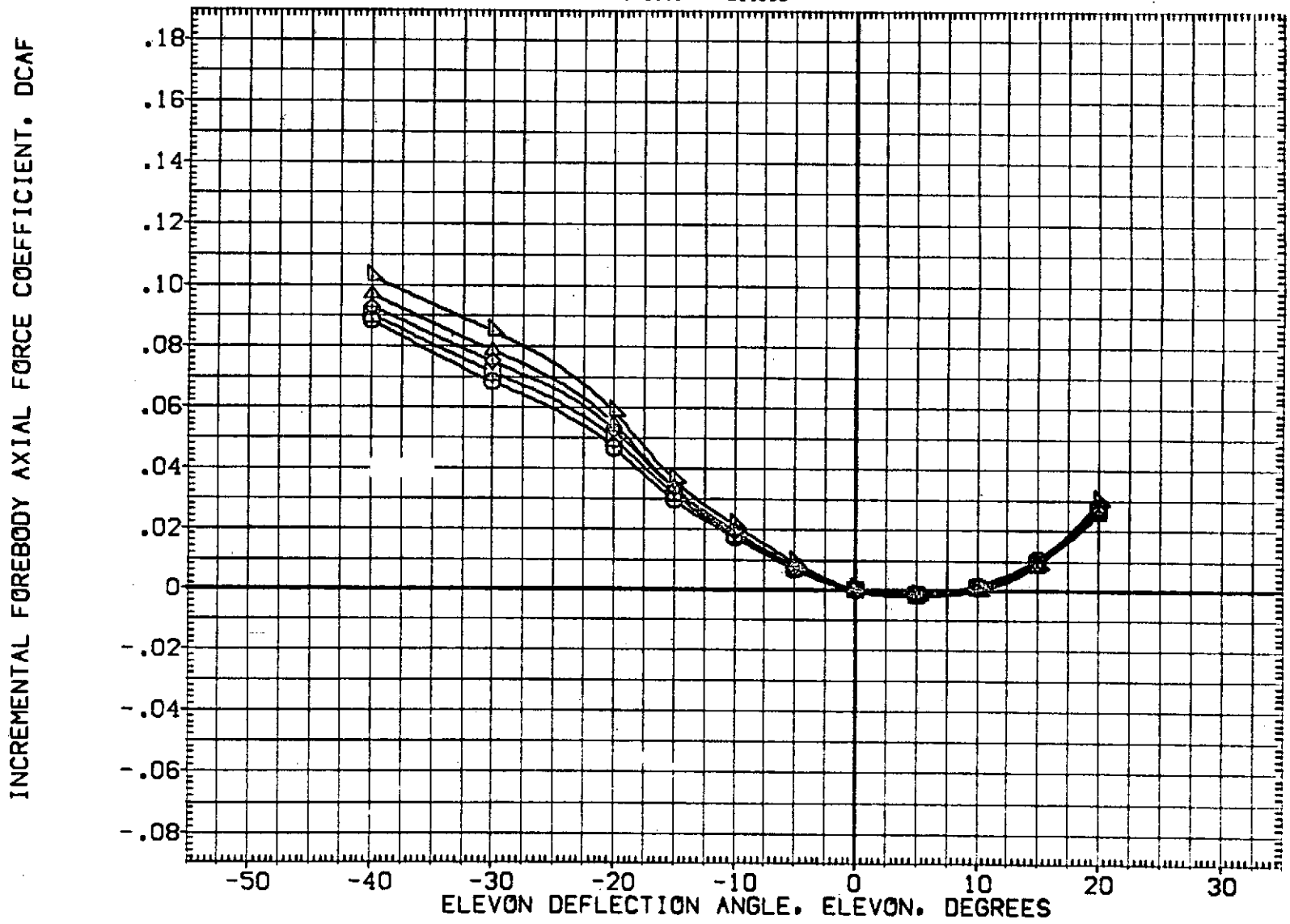


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

0A118 B26C9M7F8W116E26V8R5X9 (JF6036)

SYMBOL	ALPHA	PARAMETRIC VALUES																	
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	REFERENCE INFORMATION									
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6036	-40.000	JF6031	-30.000	SREF	4.4119	SQ.FT.							
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	JF6030	-20.000	JF6015	-15.000	LREF	19.2299	INCHES							
△	25.000	RUDDER	.000	BETA	.000	JF6006	-10.000	JF6011	-5.000	BREF	37.9359	INCHES							
						JF6002	.000	JF6003	5.000	XMRP	43.5974	INCHES							
						JF6013	10.000	JF6007	15.000	YMRP	.0000	INCHES							
						JF6016	20.000			ZMRP	15.1875	INCHES							
										SCALE	.0405	SCALE							

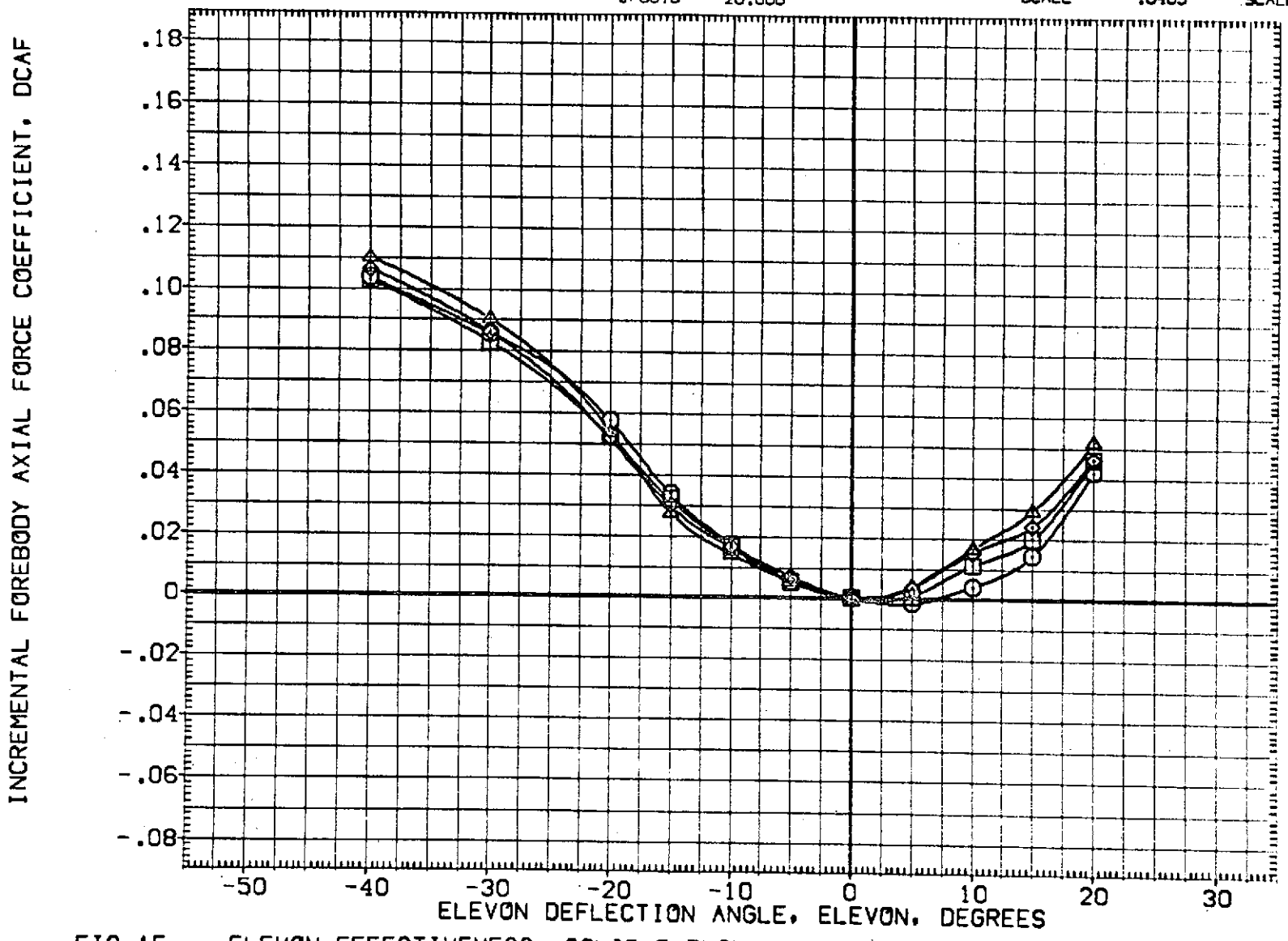


FIG 15 ELEVON EFFECTIVENESS, SOLID ELEVON

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6035)	○	OA118 B26C9M7F8W116E28V8R5X9
(BF6032)	□	OA118 B26C9M7F8W116E28V8R5X9
(BF6029)	◇	OA118 B26C9M7F8W116E28V8R5X9
(BF6014)	△	OA118 B26C9M7F8W116E28V8R5X9
(BF6005)	▷	OA118 B26C9M7F8W116E28V8R5X9
(BF6001)	D	OA118 B26C9M7F8W116E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

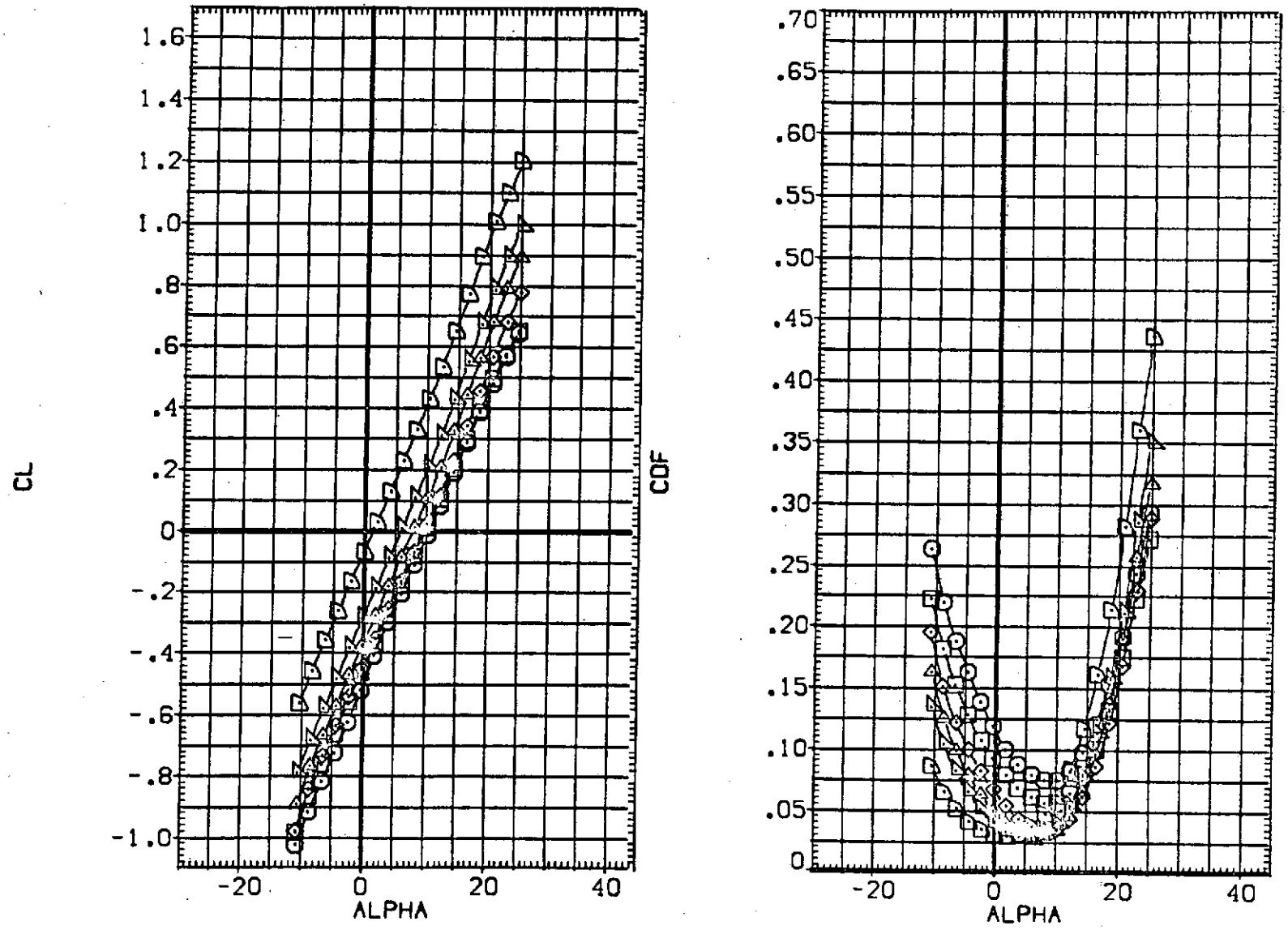


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6035)	○	OA118 B26C9M7F8W116E28V8R5X9
(BF6032)	□	OA118 B26C9M7F8W116E28V8R5X9
(BF6029)	◇	OA118 B26C9M7F8W116E28V8R5X9
(BF6014)	△	OA118 B26C9M7F8W116E28V8R5X9
(BF6005)	◺	OA118 B26C9M7F8W116E28V8R5X9
(BF6001)	D	OA118 B26C9M7F8W116E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

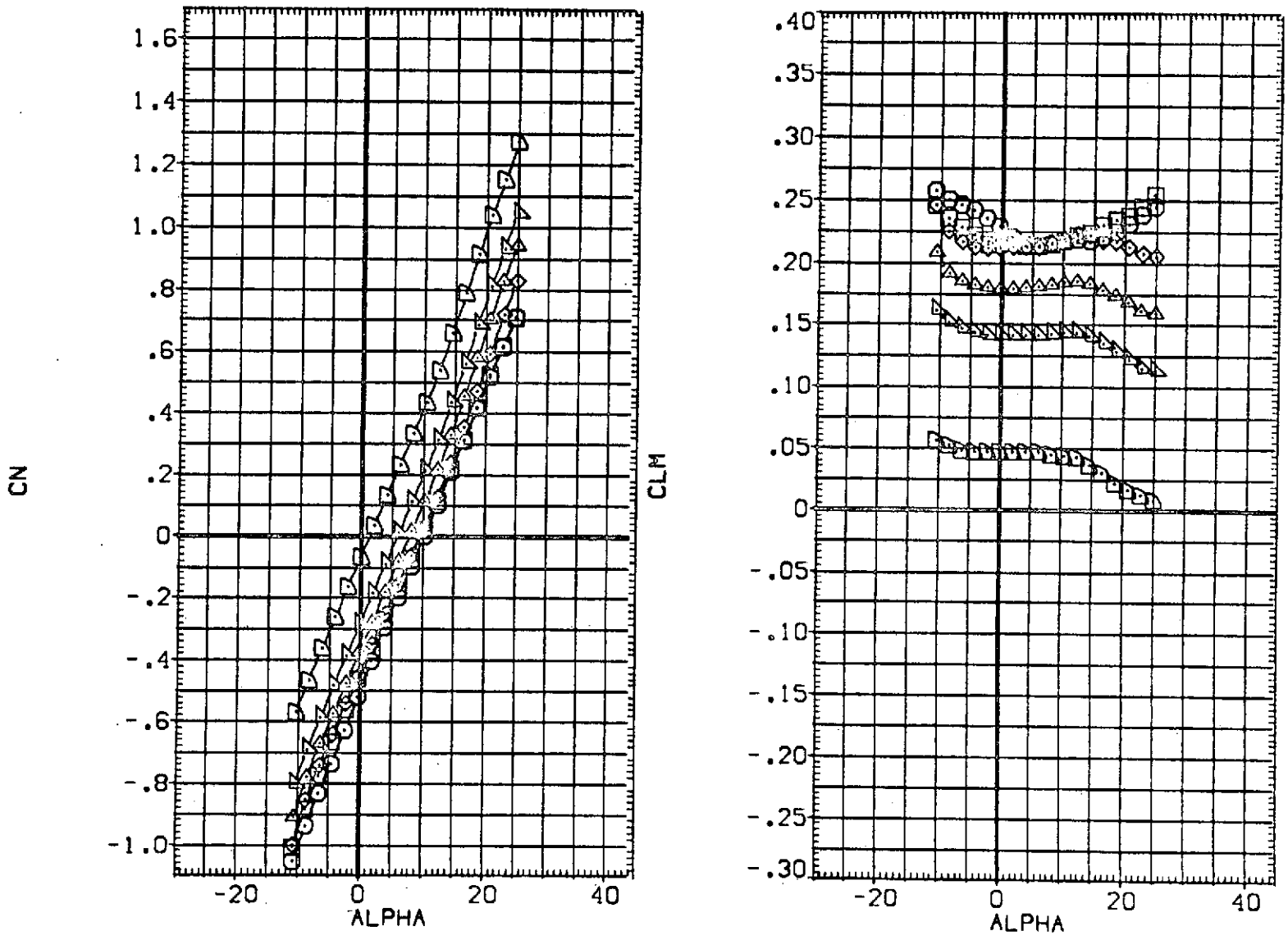


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6035)	○	0A118 B26C9M7F8W116E28V8R5X9	-40.000	-40.000	-40.000	-40.000
(BF6032)	□	0A118 B26C9M7F8W116E28V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6029)	◇	0A118 B26C9M7F8W116E28V8R5X9	-20.000	-20.000	-20.000	-20.000
(BF6014)	△	0A118 B26C9M7F8W116E28V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6005)	◺	0A118 B26C9M7F8W116E28V8R5X9	-10.000	-10.000	-10.000	-10.000
(BF6001)	D	0A118 B26C9M7F8W116E28V8R5X9	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

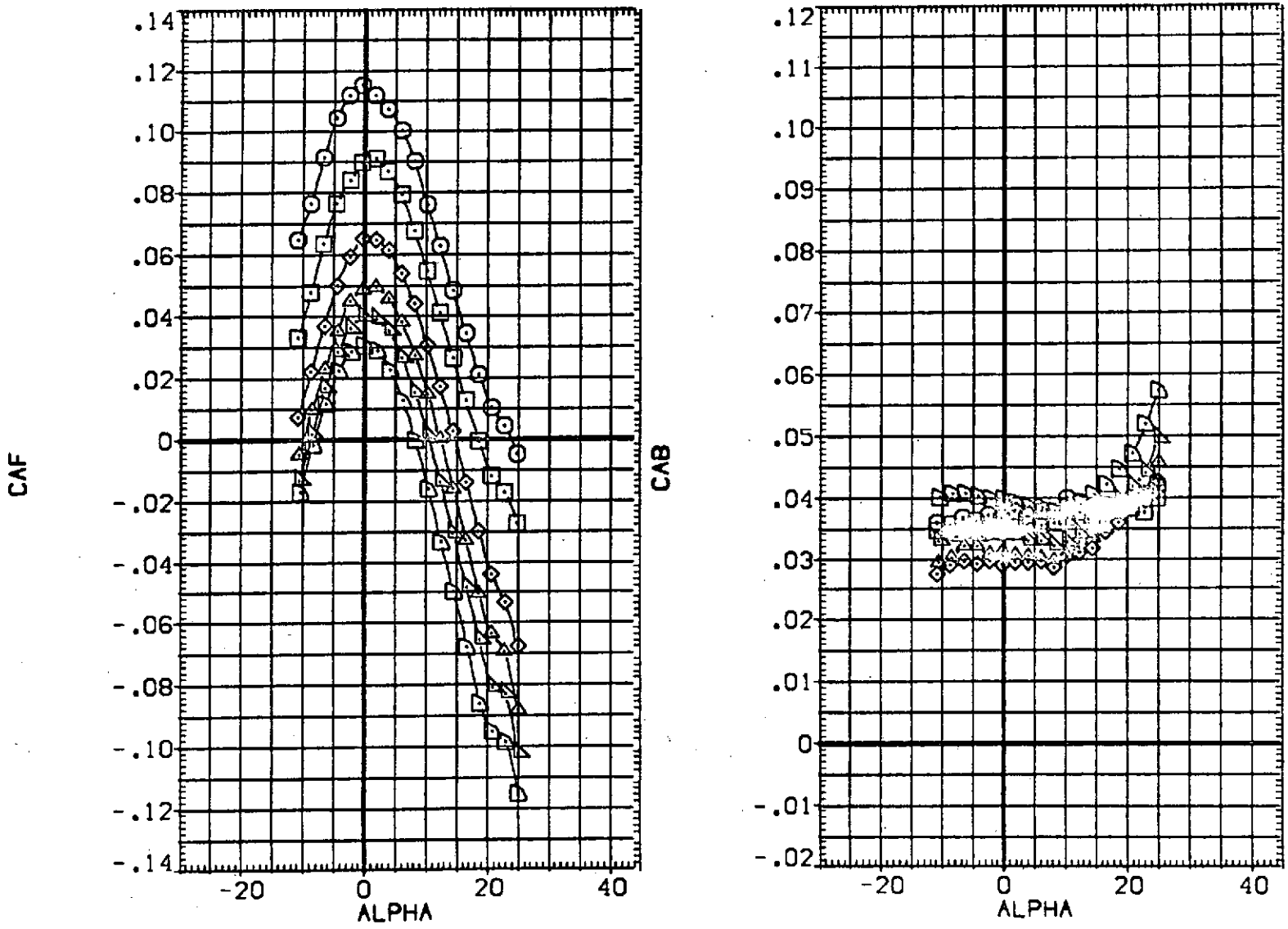


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6035)	○	0A118 B26C9M7F8W116E20V8R5X9
(BF6032)	□	0A118 B26C9M7F8W116E20V8R5X9
(BF6029)	◇	0A118 B26C9M7F8W116E20V8R5X9
(BF6014)	△	0A118 B26C9M7F8W116E20V8R5X9
(BF6005)	◺	0A118 B26C9M7F8W116E20V8R5X9
(BF6001)	D	0A118 B26C9M7F8W116E20V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

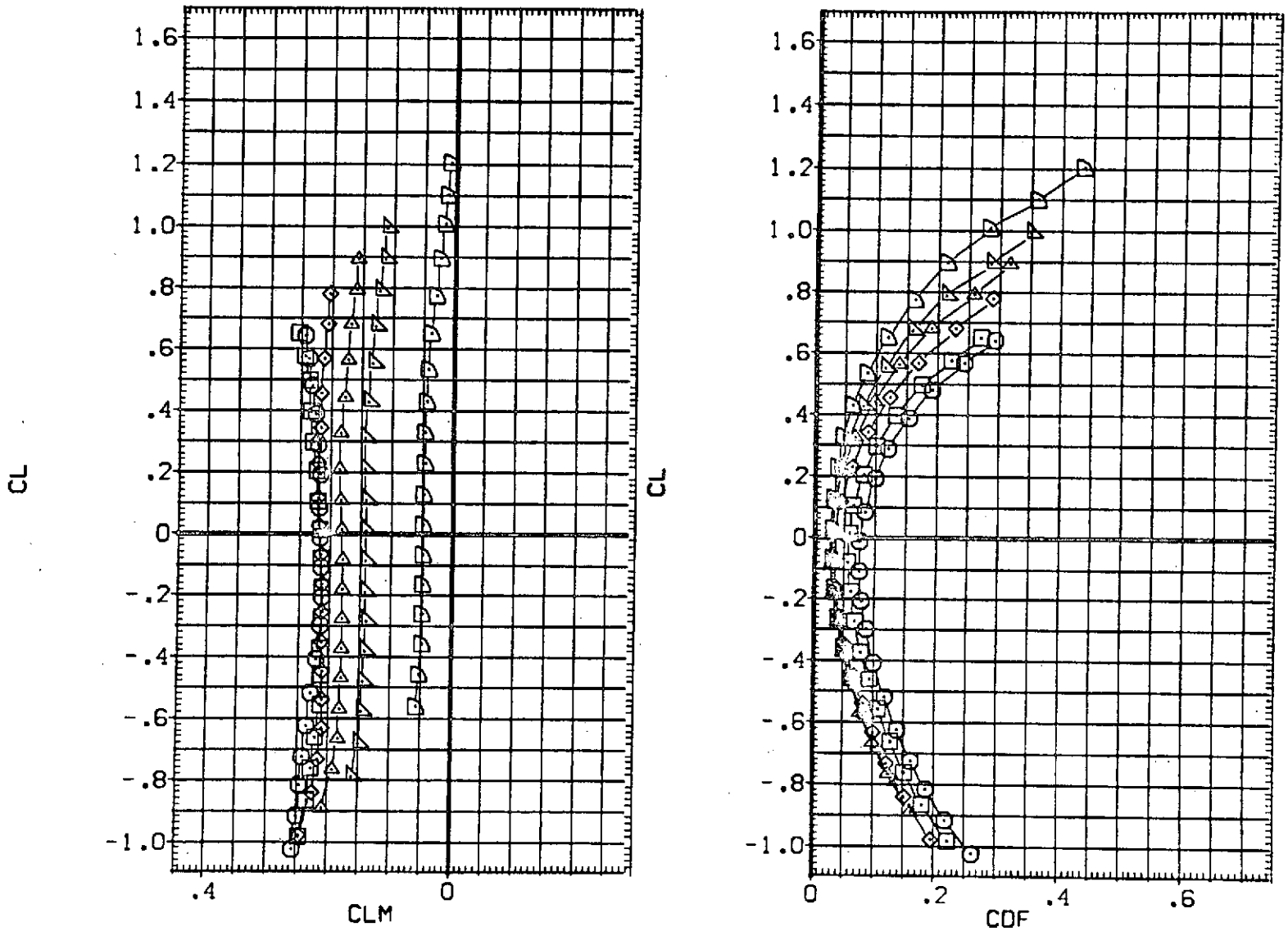


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6035)	○	OA118 B26C9M7F8W1 6E28V8R5X9
(BF6032)	□	OA118 B26C9M7F8W1 6E28V8R5X9
(BF6029)	◇	OA118 B26C9M7F8W1 6E28V8R5X9
(BF6014)	△	OA118 B26C9M7F8W1 6E28V8R5X9
(BF6005)	◺	OA118 B26C9M7F8W1 6E28V8R5X9
(BF6001)	◻	OA118 B26C9M7F8W1 6E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

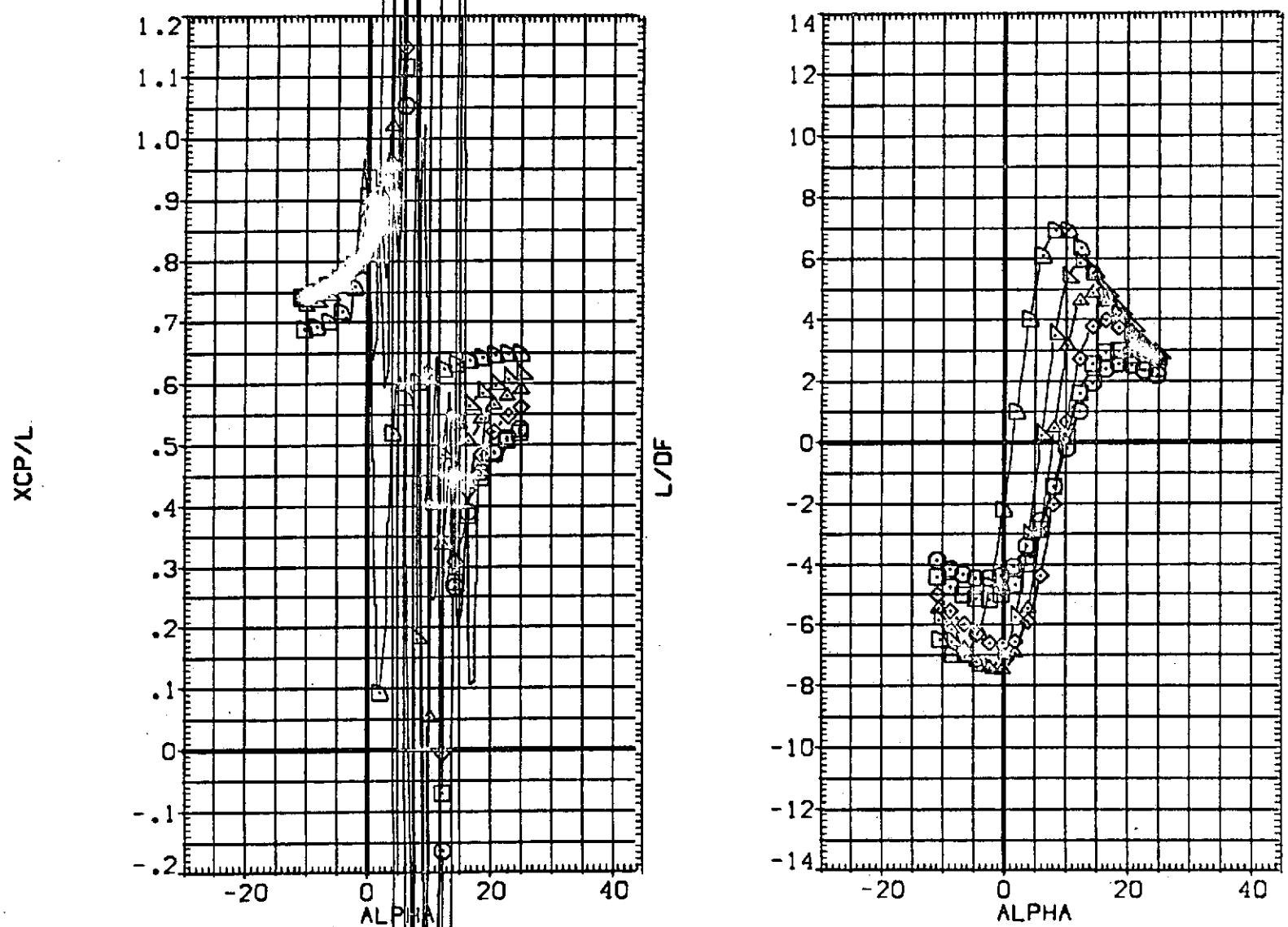


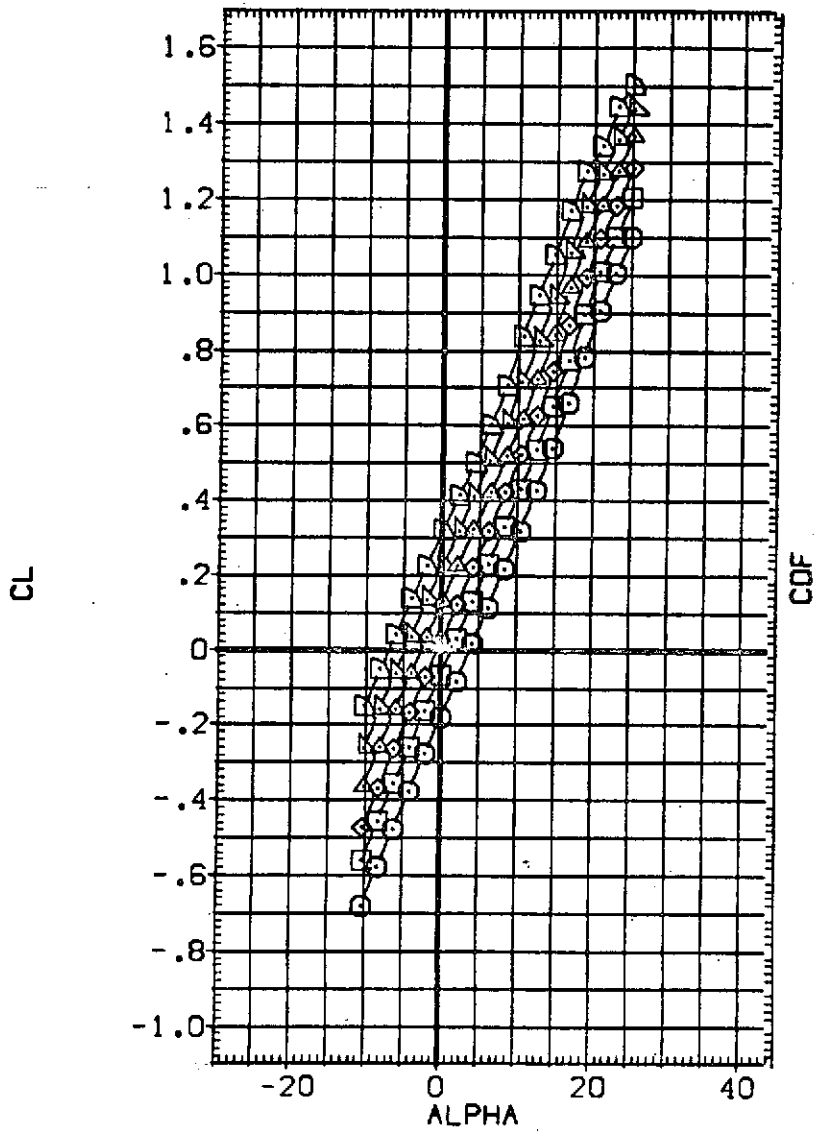
FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6010)	○	OA118 B26C9M7F8W116E28V8R5X9
(BF6001)	□	OA118 B26C9M7F8W116E28V8R5X9
(BF6004)	◇	OA118 B26C9M7F8W116E28V8R5X9
(BF6012)	△	OA118 B26C9M7F8W116E28V8R5X9
(BF6008)	◁	OA118 B26C9M7F8W116E28V8R5X9
(BF6017)	▷	OA118 B26C9M7F8W116E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



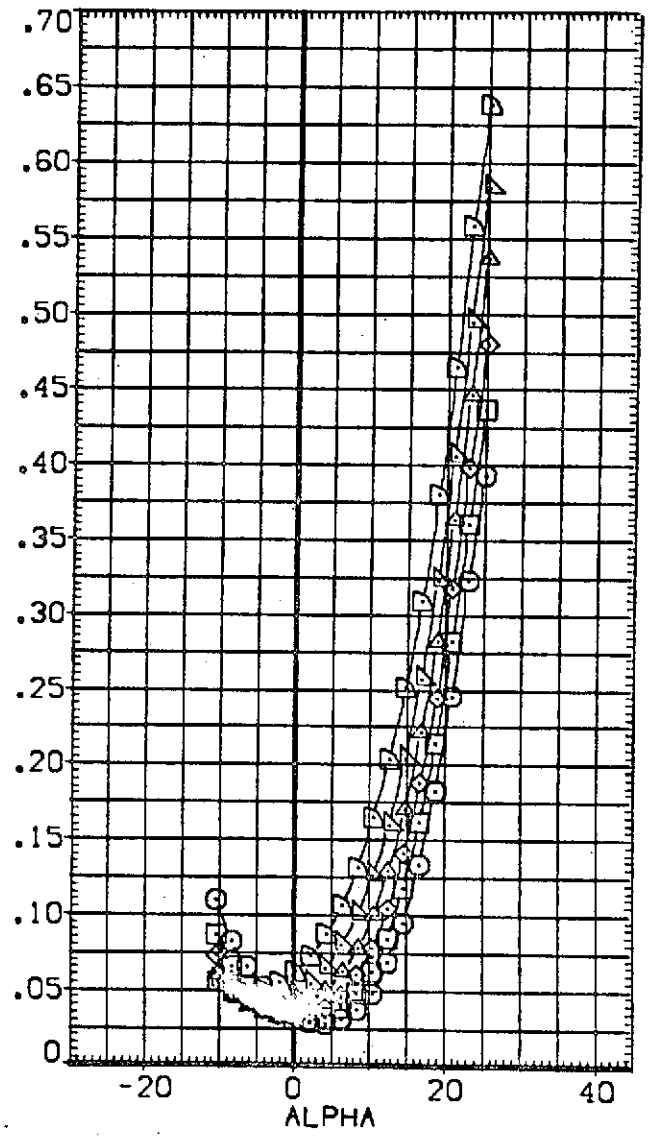


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6010)	○	0A118 B26C9M7F8W116E28V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6001)	□	0A118 B26C9M7F8W116E28V8R5X9	.000	.000	.000	.000
(BF6004)	◇	0A118 B26C9M7F8W116E28V8R5X9	5.000	5.000	5.000	5.000
(BF6012)	⋀	0A118 B26C9M7F8W116E28V8R5X9	10.000	10.000	10.000	10.000
(BF6008)	▷	0A118 B26C9M7F8W116E28V8R5X9	15.000	15.000	15.000	15.000
(BF6017)	D	0A118 B26C9M7F8W116E28V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

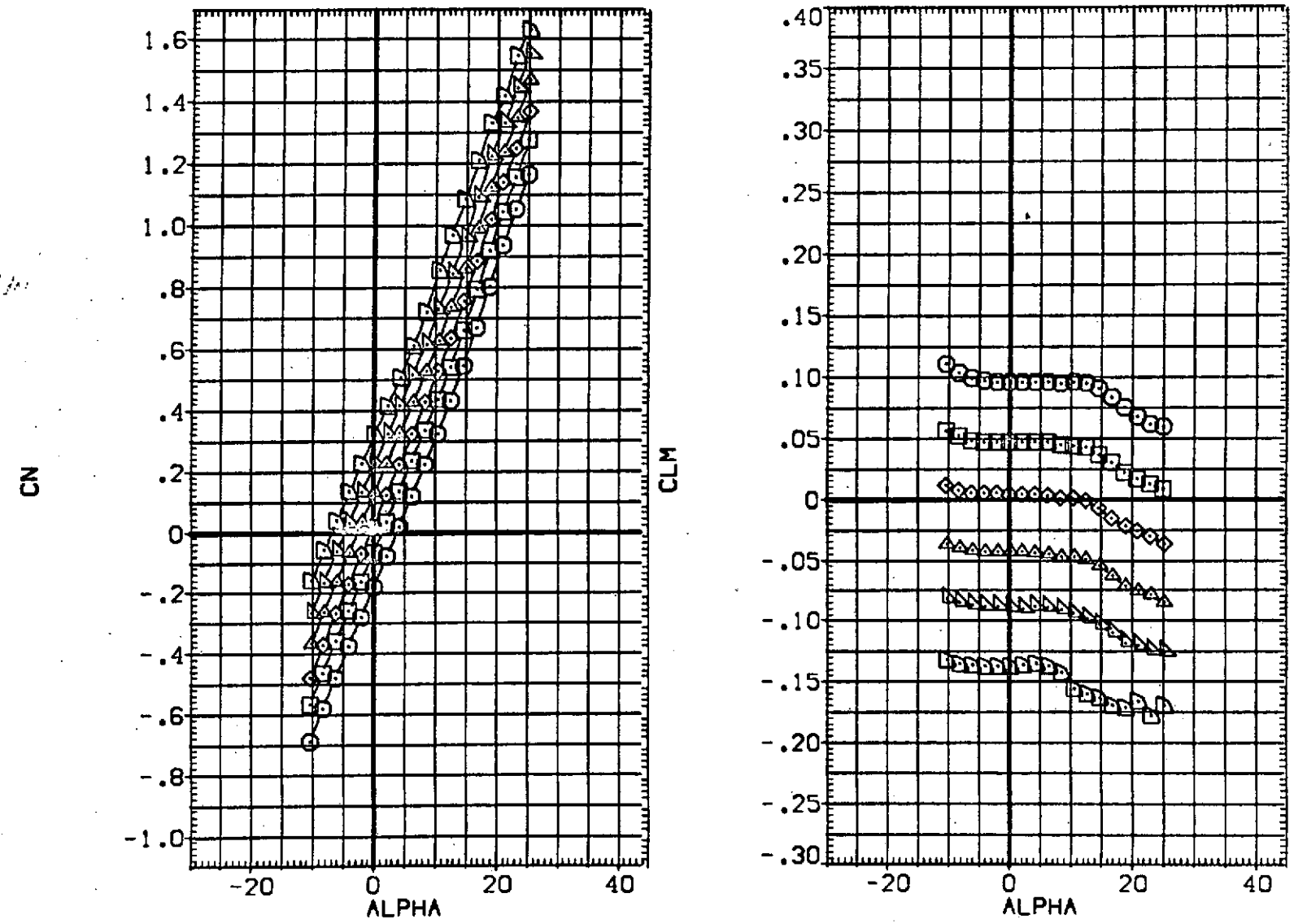


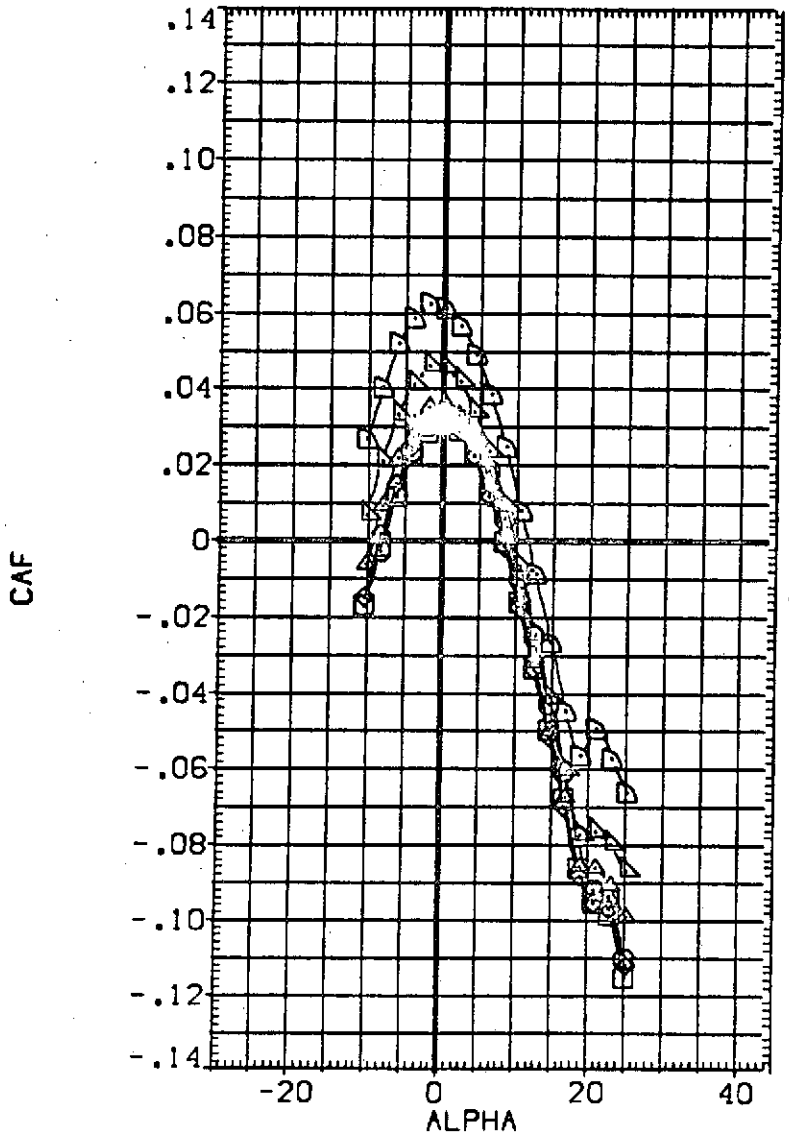
FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6010)	○	0A118 B26C9M7F8W116E28V8R5X9
(BF6001)	□	0A118 B26C9M7F8W116E28V8R5X9
(BF6004)	◇	0A118 B26C9M7F8W116E28V8R5X9
(BF6012)	△	0A118 B26C9M7F8W116E28V8R5X9
(BF6008)	◸	0A118 B26C9M7F8W116E28V8R5X9
(BF6017)	◺	0A118 B26C9M7F8W116E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



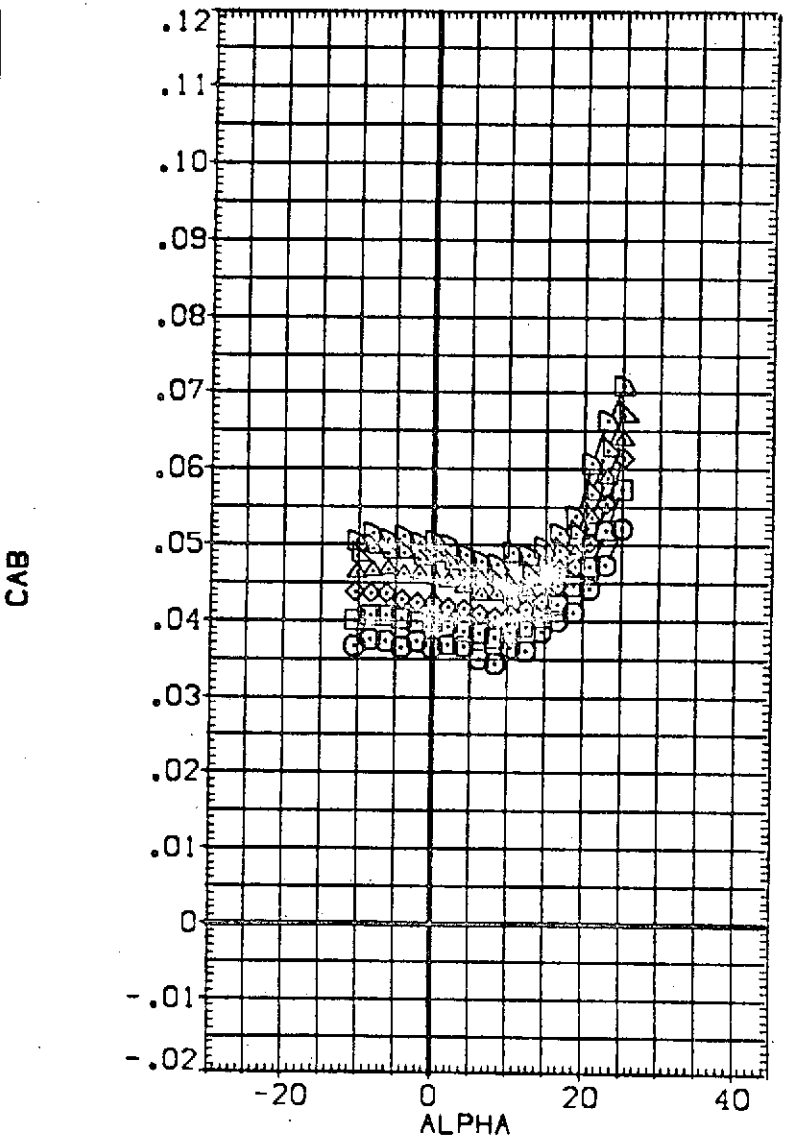


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6010)	○	0A118 B26C9M7F8W116E28V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6001)	□	0A118 B26C9M7F8W116E28V8R5X9	.000	.000	.000	.000
(BF6004)	◇	0A118 B26C9M7F8W116E28V8R5X9	5.000	5.000	5.000	5.000
(BF6012)	△	0A118 B26C9M7F8W116E28V8R5X9	10.000	10.000	10.000	10.000
(BF6008)	◺	0A118 B26C9M7F8W116E28V8R5X9	15.000	15.000	15.000	15.000
(BF6017)	▷	0A118 B26C9M7F8W116E28V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

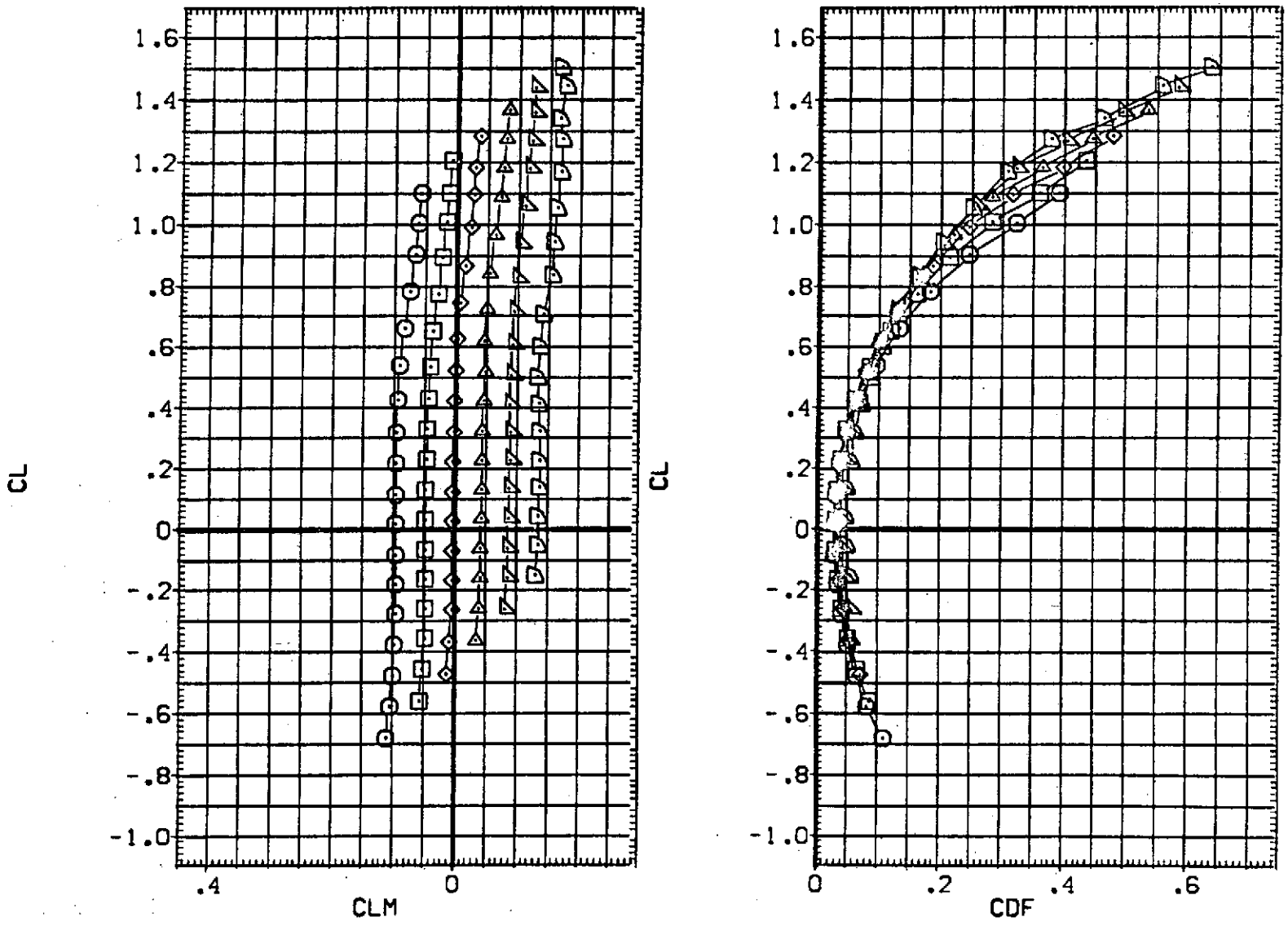


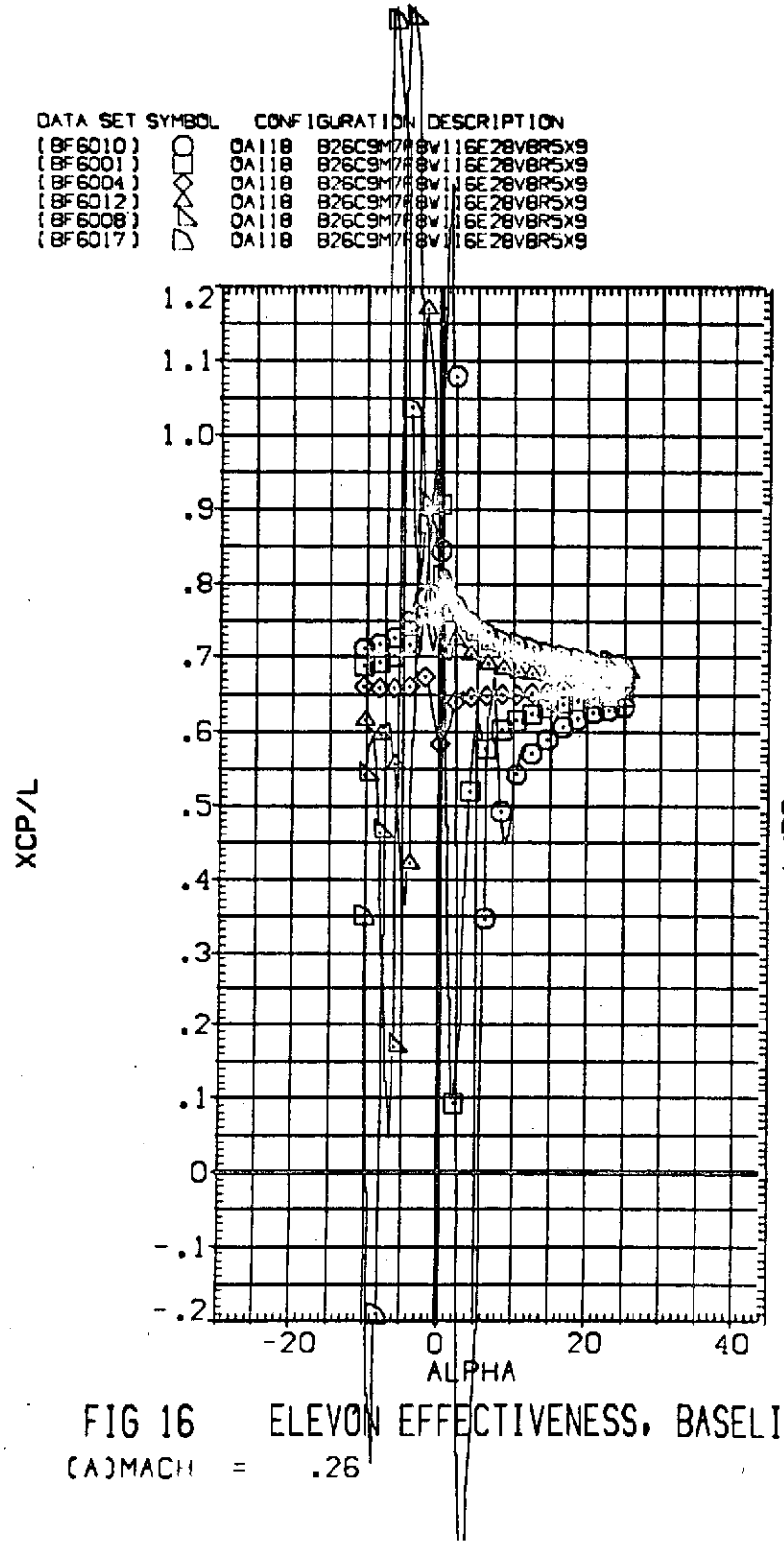
FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6010)	○	OA118 B26C9M7F8V116E28V8R5X9
(BF6001)	□	OA118 B26C9M7F8V116E28V8R5X9
(BF6004)	◇	OA118 B26C9M7F8V116E28V8R5X9
(BF6012)	△	OA118 B26C9M7F8V116E28V8R5X9
(BF6008)	◺	OA118 B26C9M7F8V116E28V8R5X9
(BF6017)	◸	OA118 B26C9M7F8V116E28V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



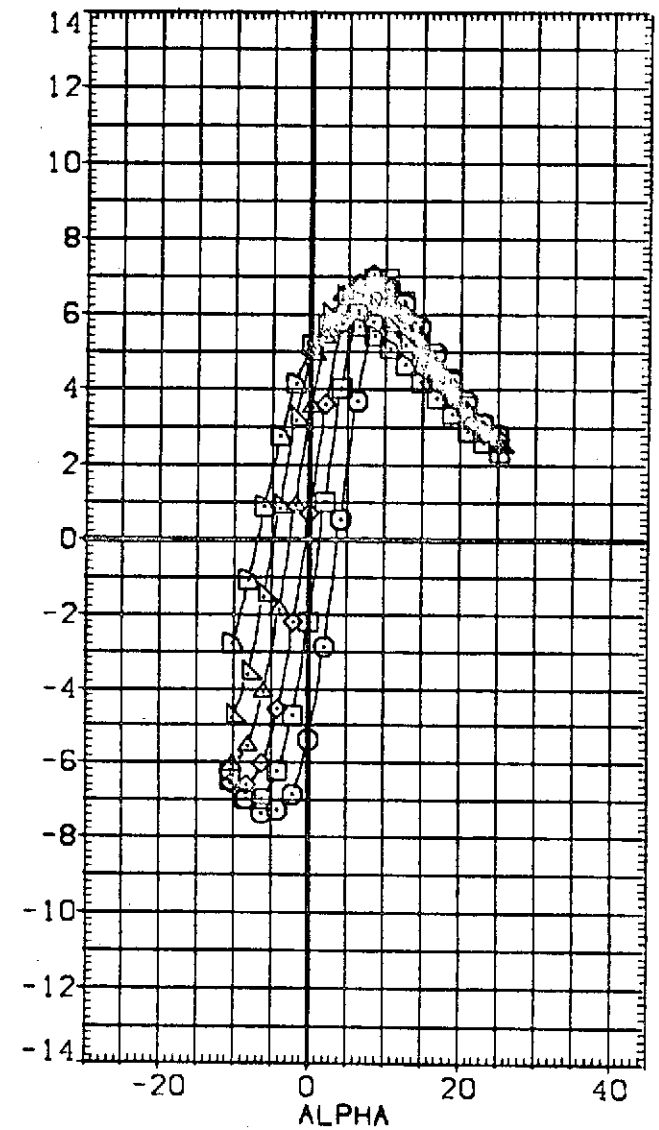


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

(A)MACH = .26

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPOBRK	25.000	BOFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◺	-2.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

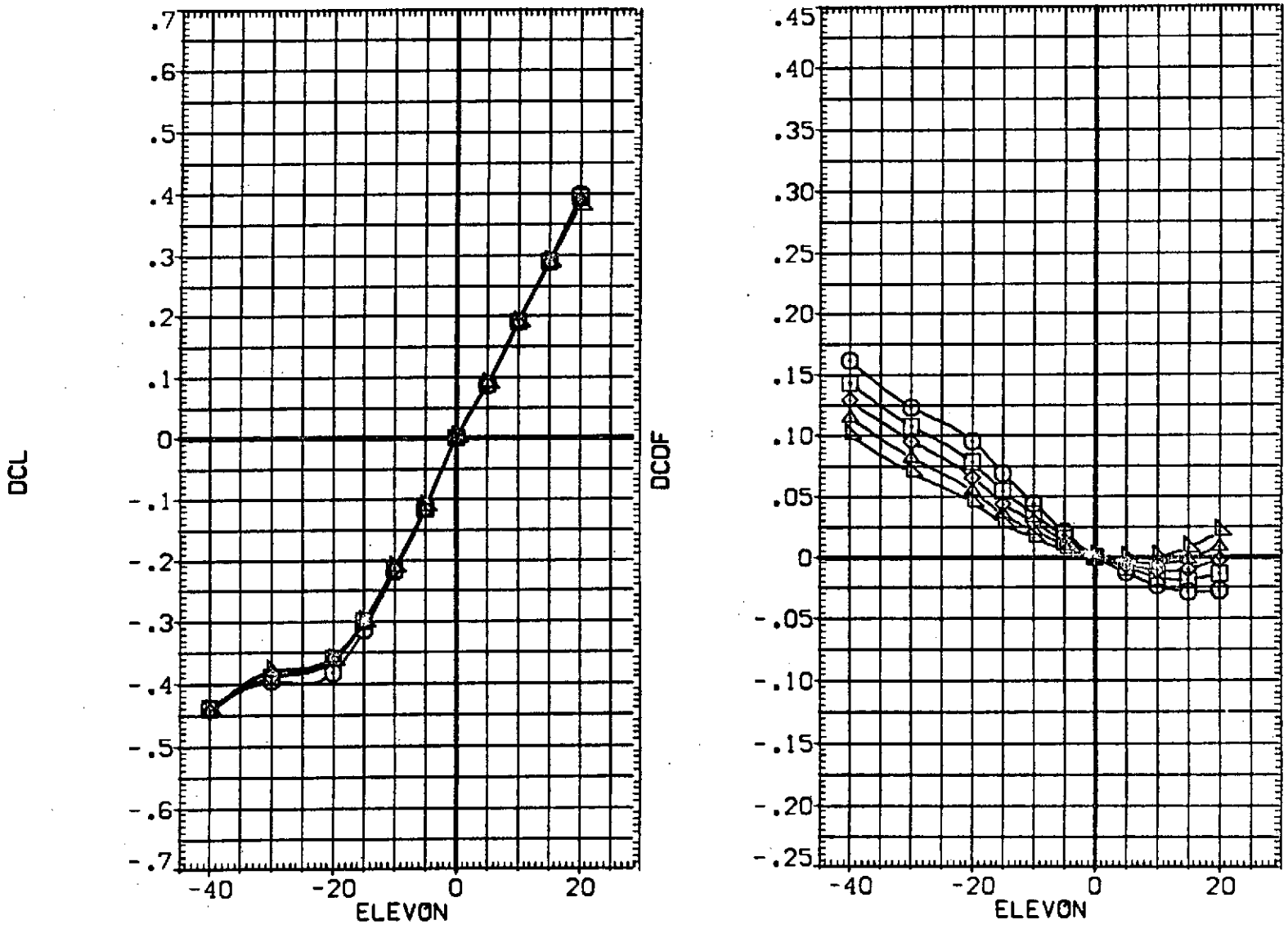


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA
○	.000
□	2.000
◇	4.000
△	6.000
◺	8.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET	
ELE-RI	-40.000	ELE-RO	-40.000	KF6035	
SPOBRK	25.000	BOFLAP	-12.000	KF6029	
RUDDER	.000	BETA	.000	KF6005	
				KF6001	
				KF6012	
				KF6017	

DATA SOURCE

ELEVON	DATASET	ELEVON
-40.000	KF6032	-30.000
-20.000	KF6014	-15.000
-10.000	KF6010	-5.000
.000	KF6004	5.000
10.000	KF6008	15.000
20.000		

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

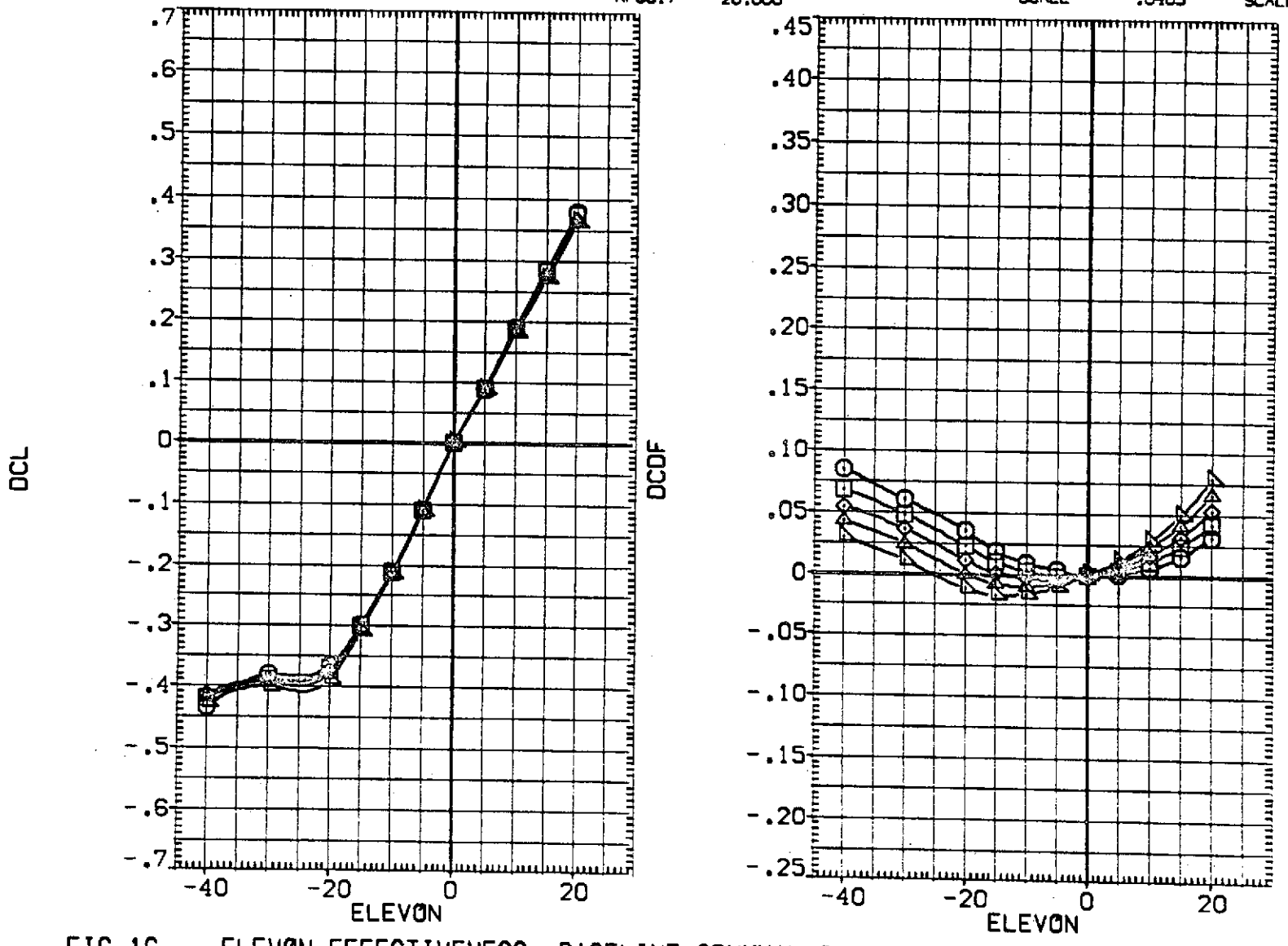


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◺	18.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

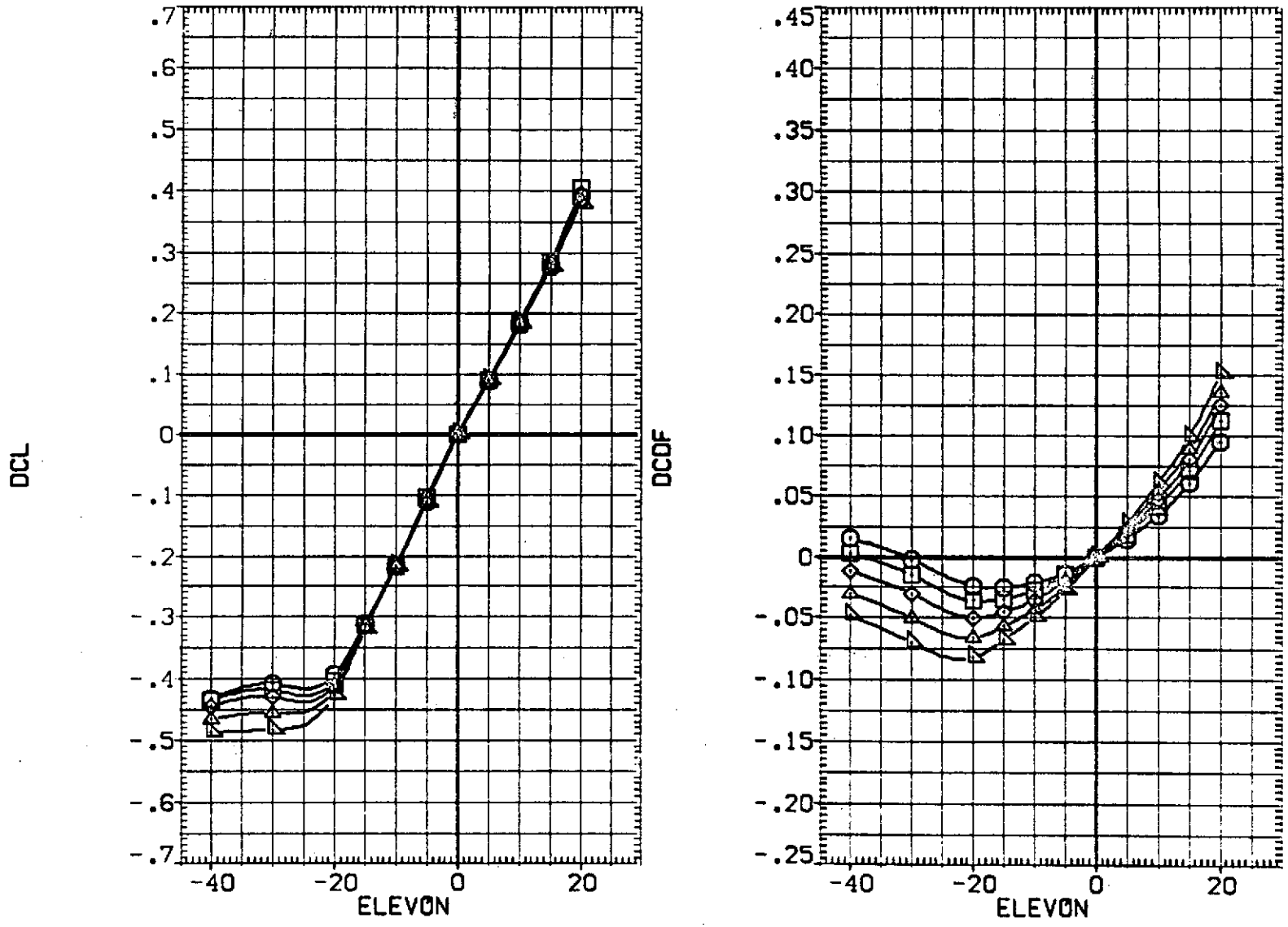


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
						KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

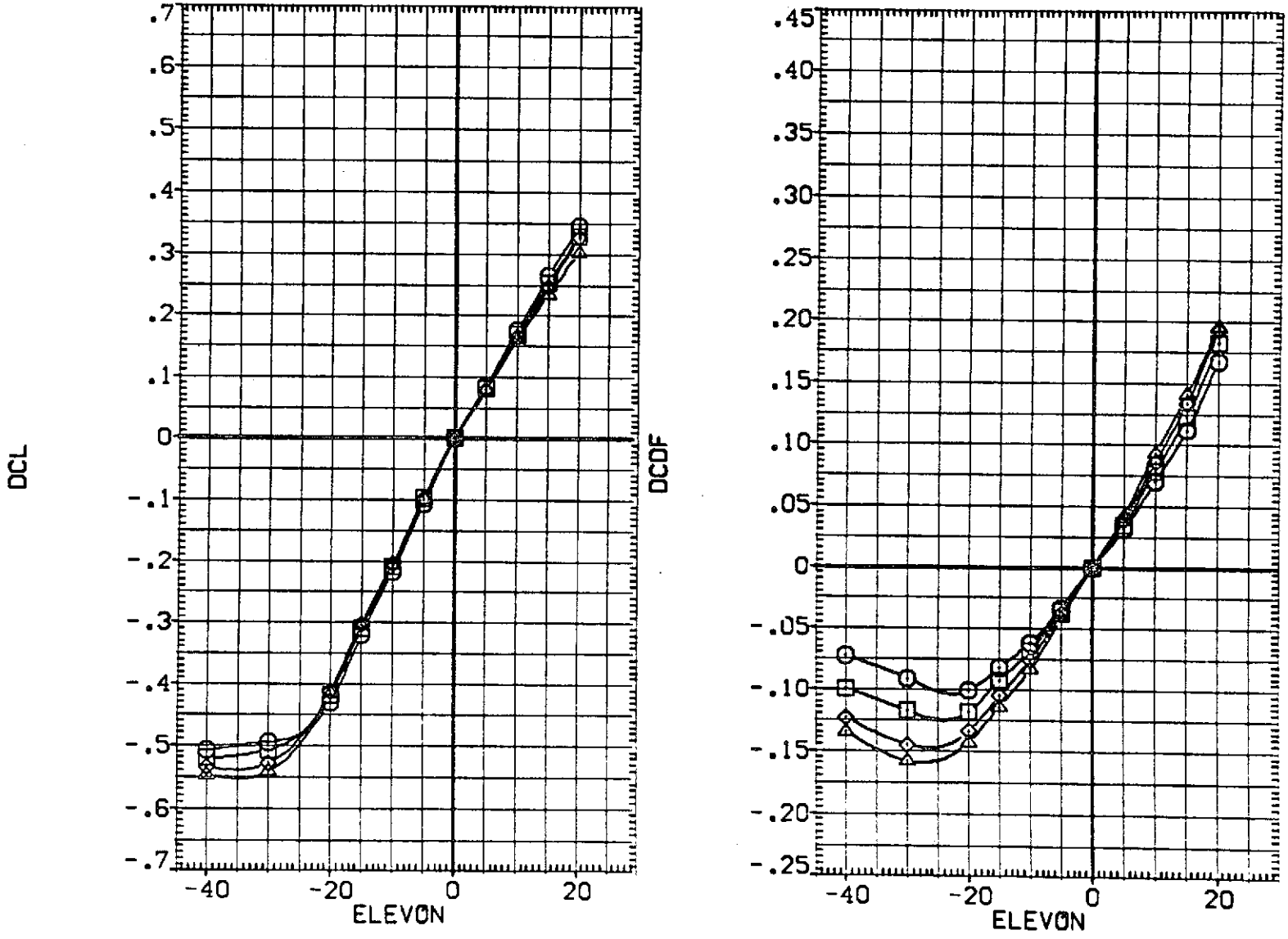


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◿	-2.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

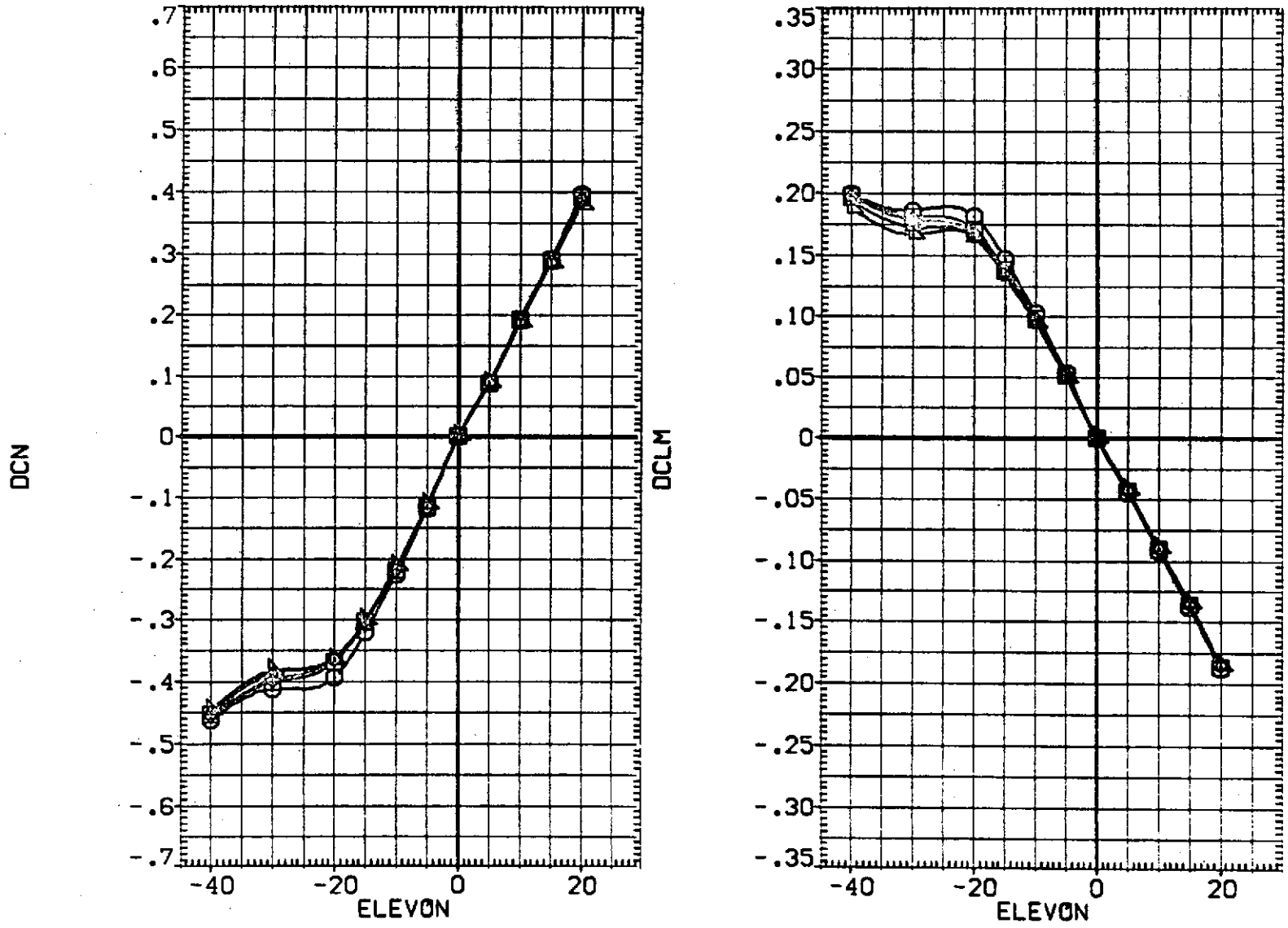


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA
○	.000
□	2.000
◇	4.000
△	6.000
◁	8.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	
ELE-RI	-40.000	ELE-RO	-40.000	
SPOBRK	25.000	BOFLAP	-12.000	
RUDDER	.000	BETA	.000	

DATASET
KF6035
KF6029
KF6005
KF6001
KF6012
KF6017

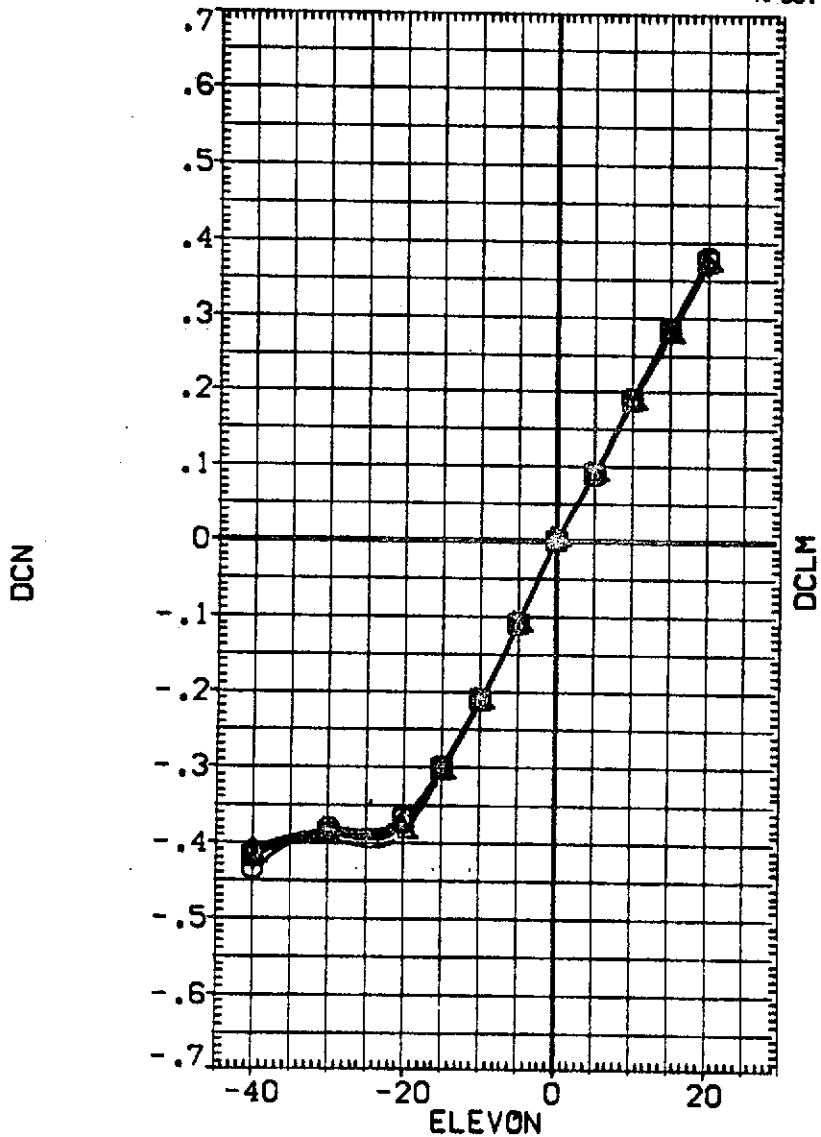
DATA SOURCE

ELEVON
-40.000
-20.000
-10.000
.000
10.000
20.000

DATASET	ELEVON
KF6032	-30.000
KF6014	-15.000
KF6010	-5.000
KF6004	5.000
KF6008	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



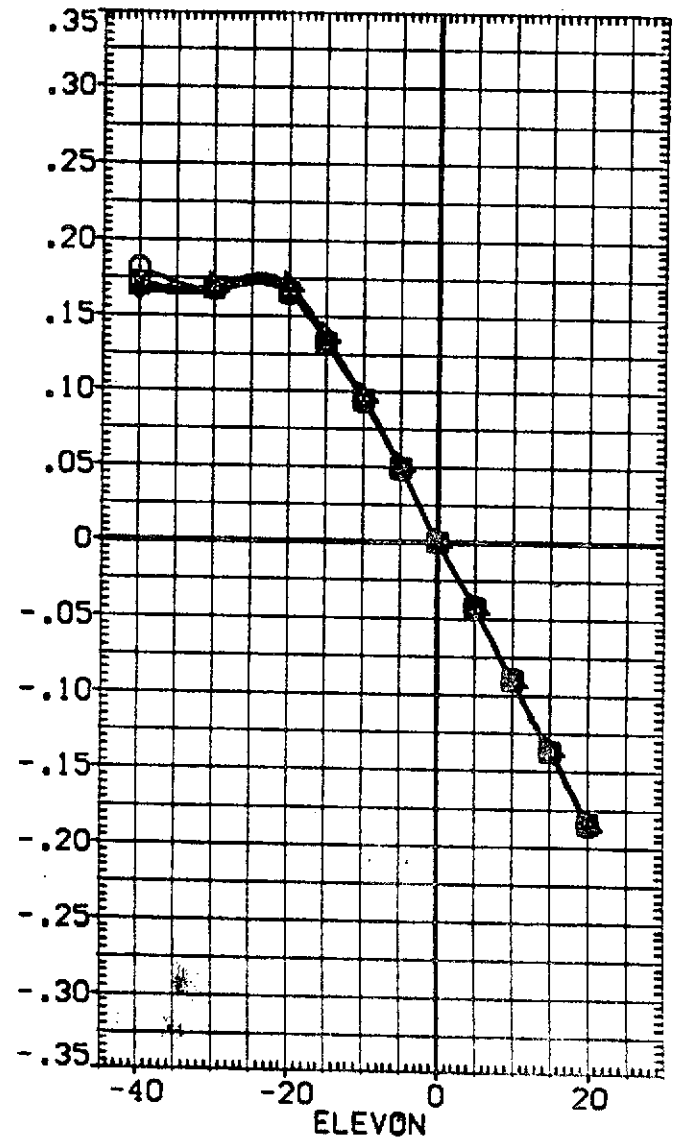


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◺	18.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

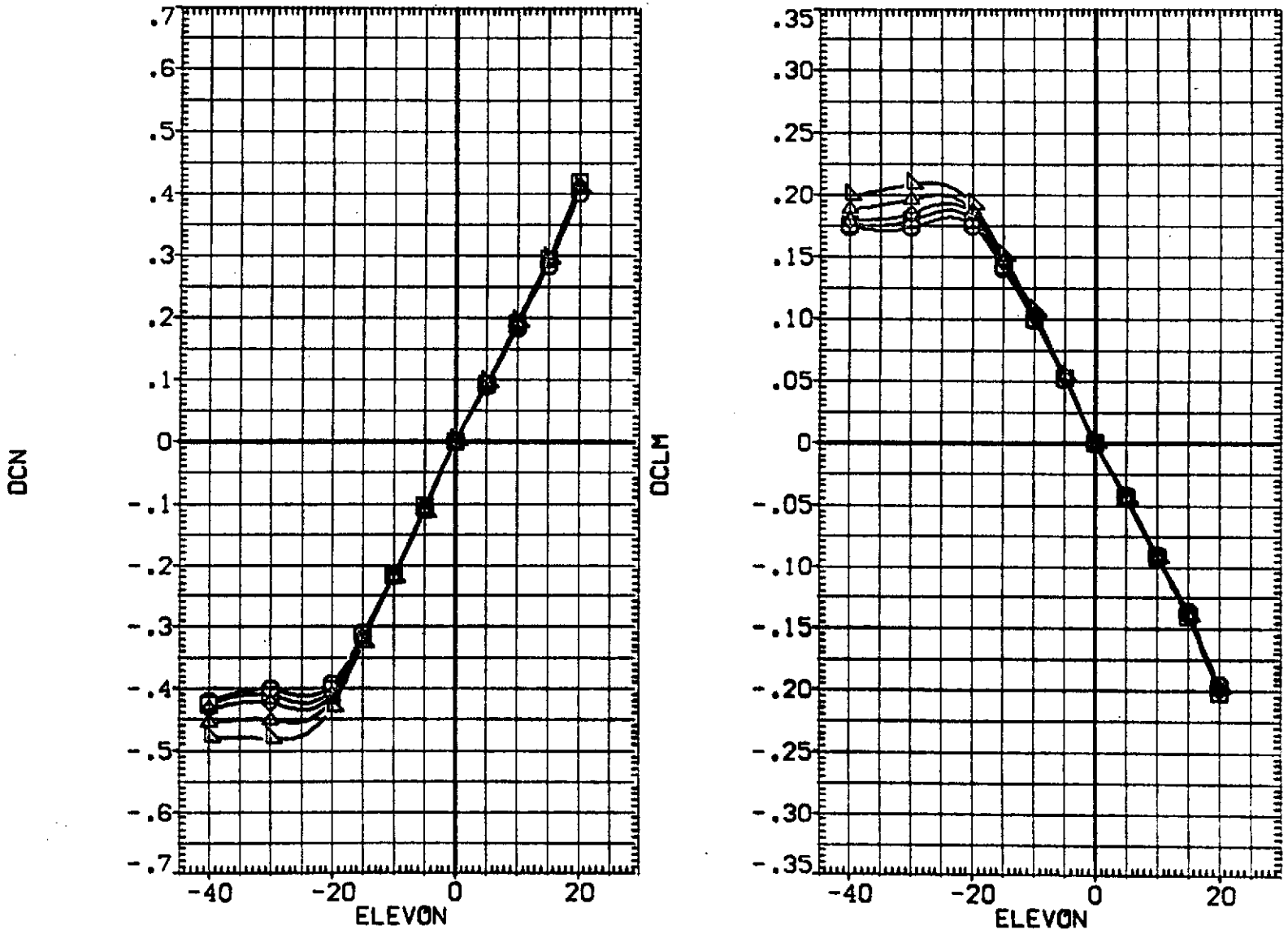
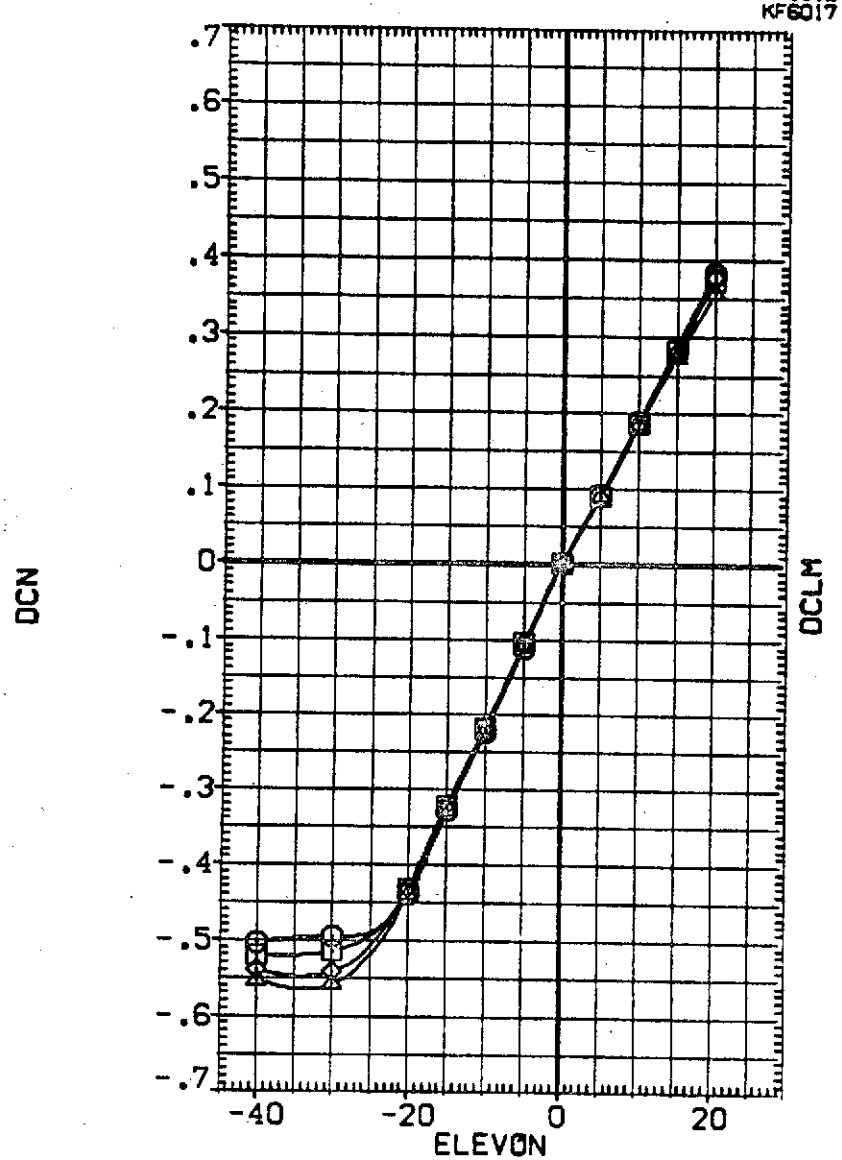


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
						KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE



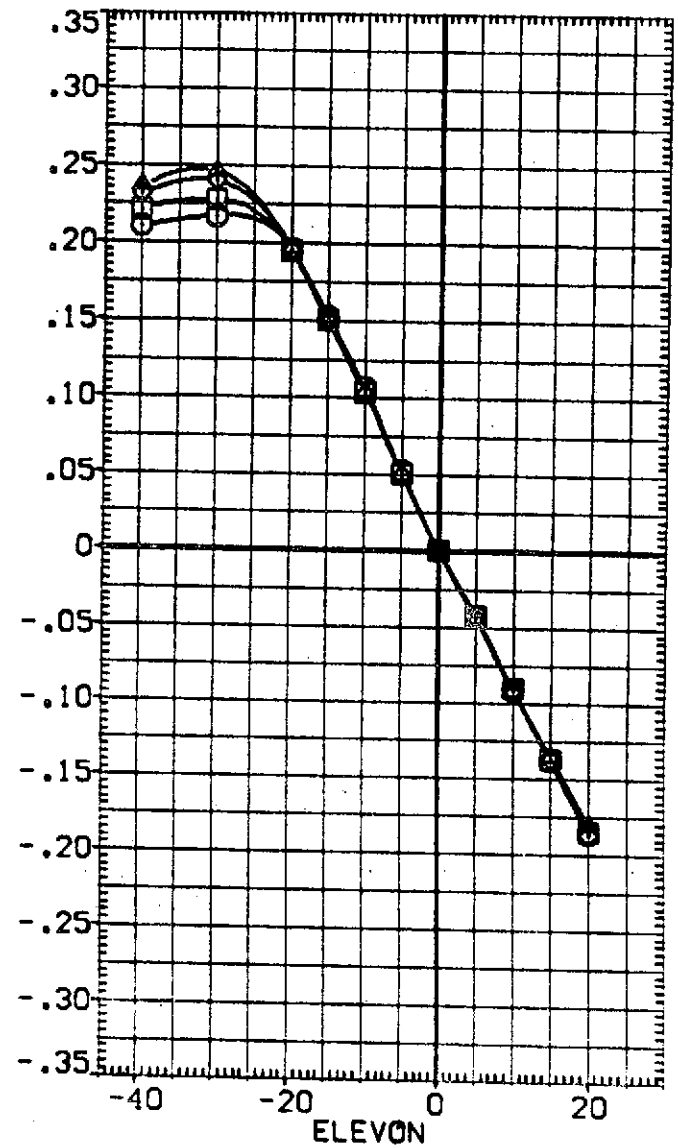


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◿	-2.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

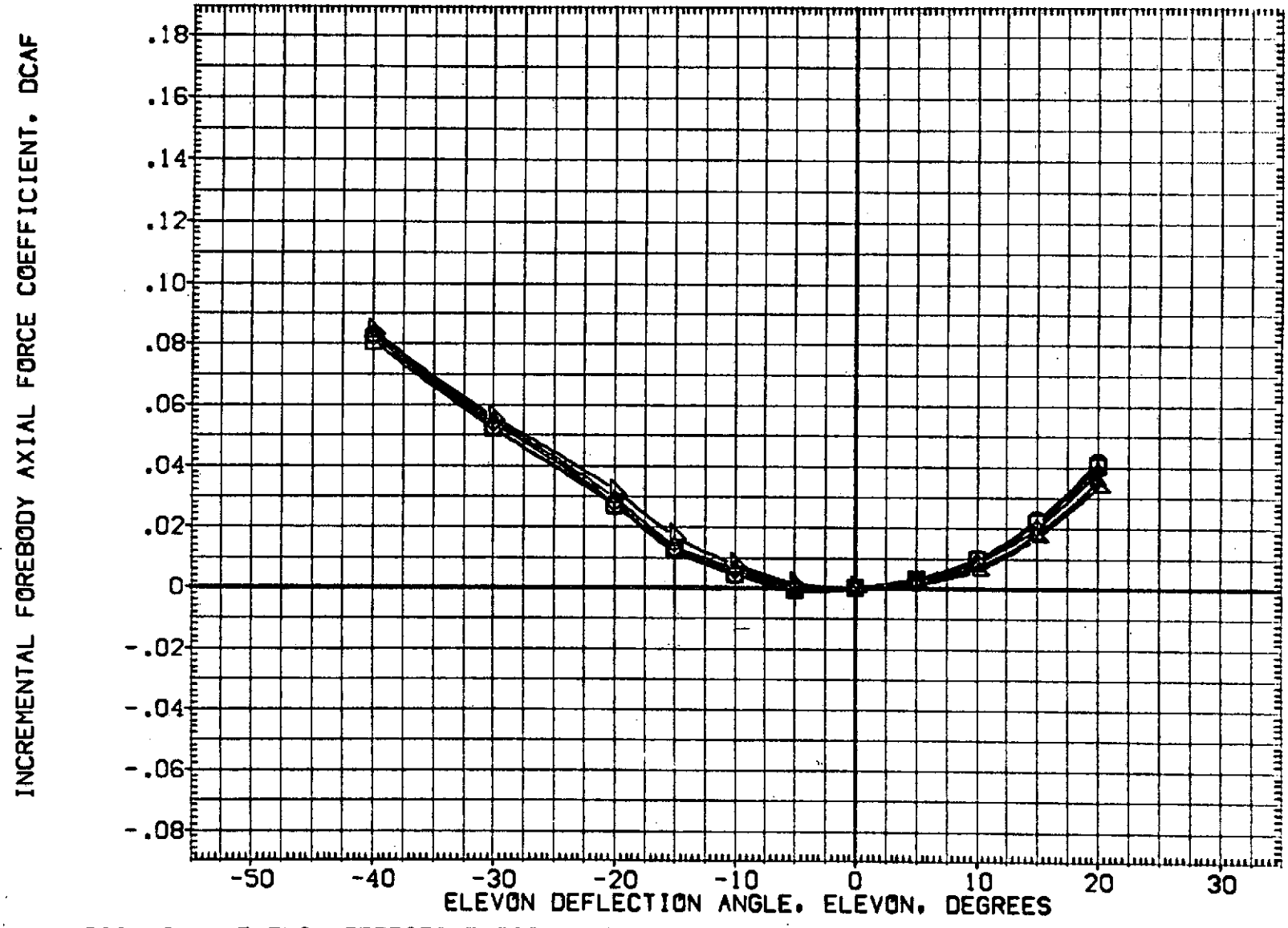


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

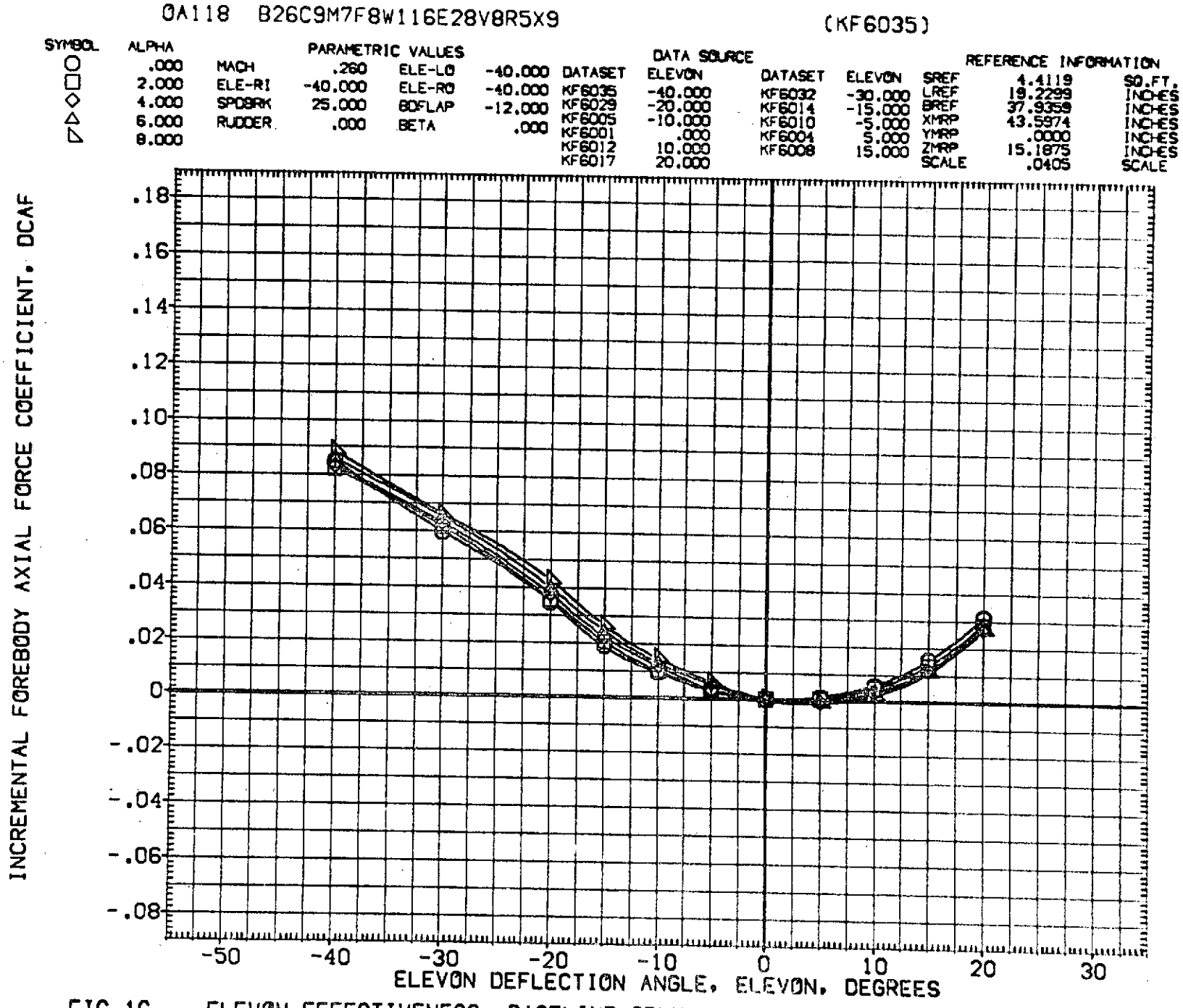


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	14.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
◺	18.000					KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

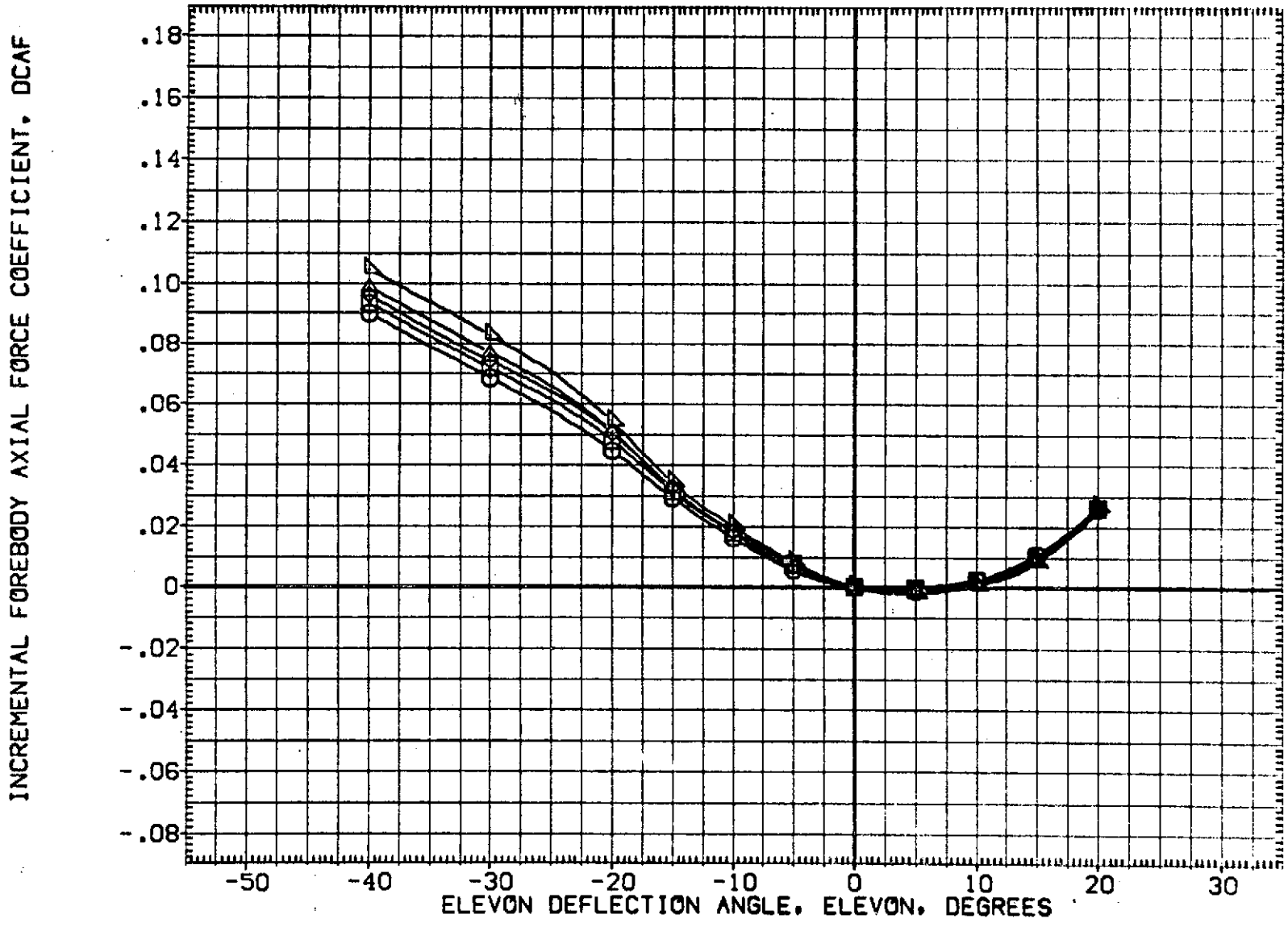


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

0A118 B26C9M7F8W116E28V8R5X9 (KF6035)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	KF6035	-40.000	KF6032	-30.000	LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	KF6029	-20.000	KF6014	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	KF6005	-10.000	KF6010	-5.000	XMRP	43.5974	INCHES
						KF6001	.000	KF6004	5.000	YMRP	.0000	INCHES
						KF6012	10.000	KF6008	15.000	ZMRP	15.1875	INCHES
						KF6017	20.000			SCALE	.0405	SCALE

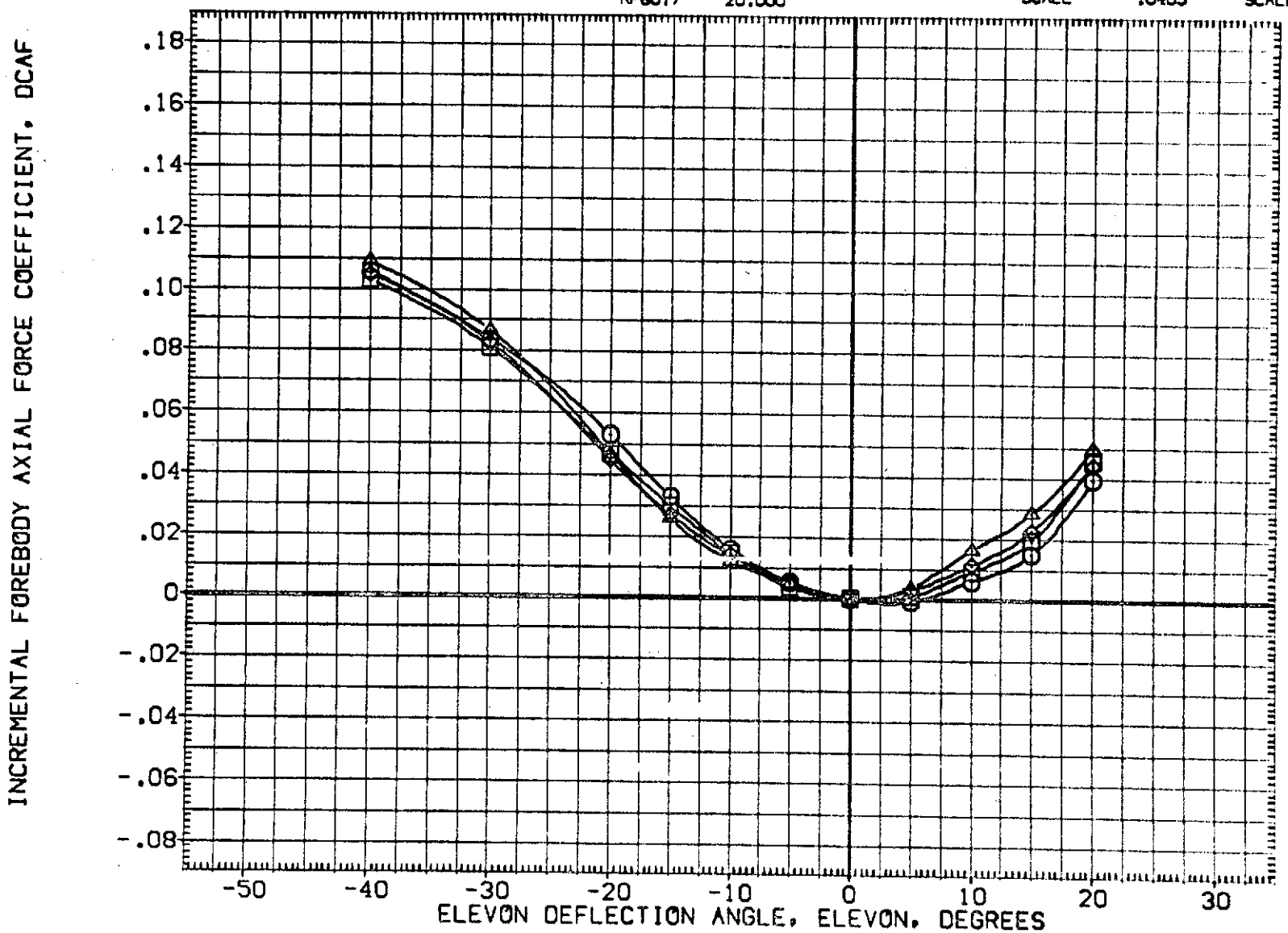


FIG 16 ELEVON EFFECTIVENESS, BASELINE GRUMMAN GAP

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6034)	○	OA118 B26C9M7F8W116E43V8R5X9	-40.000	-40.000	-40.000	-40.000
(BF6033)	□	OA118 B26C9M7F8W116E43V8R5X9	-30.000	-30.000	-30.000	-30.000
(BF6028)	◇	OA118 B26C9M7F8W116E43V8R5X9	-20.000	-20.000	-20.000	-20.000
(BF6027)	△	OA118 B26C9M7F8W116E43V8R5X9	-15.000	-15.000	-15.000	-15.000
(BF6025)	▷	OA118 B26C9M7F8W116E43V8R5X9	-10.000	-10.000	-10.000	-10.000
(BF6018)	D	OA118 B26C9M7F8W116E43V8R5X9	.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

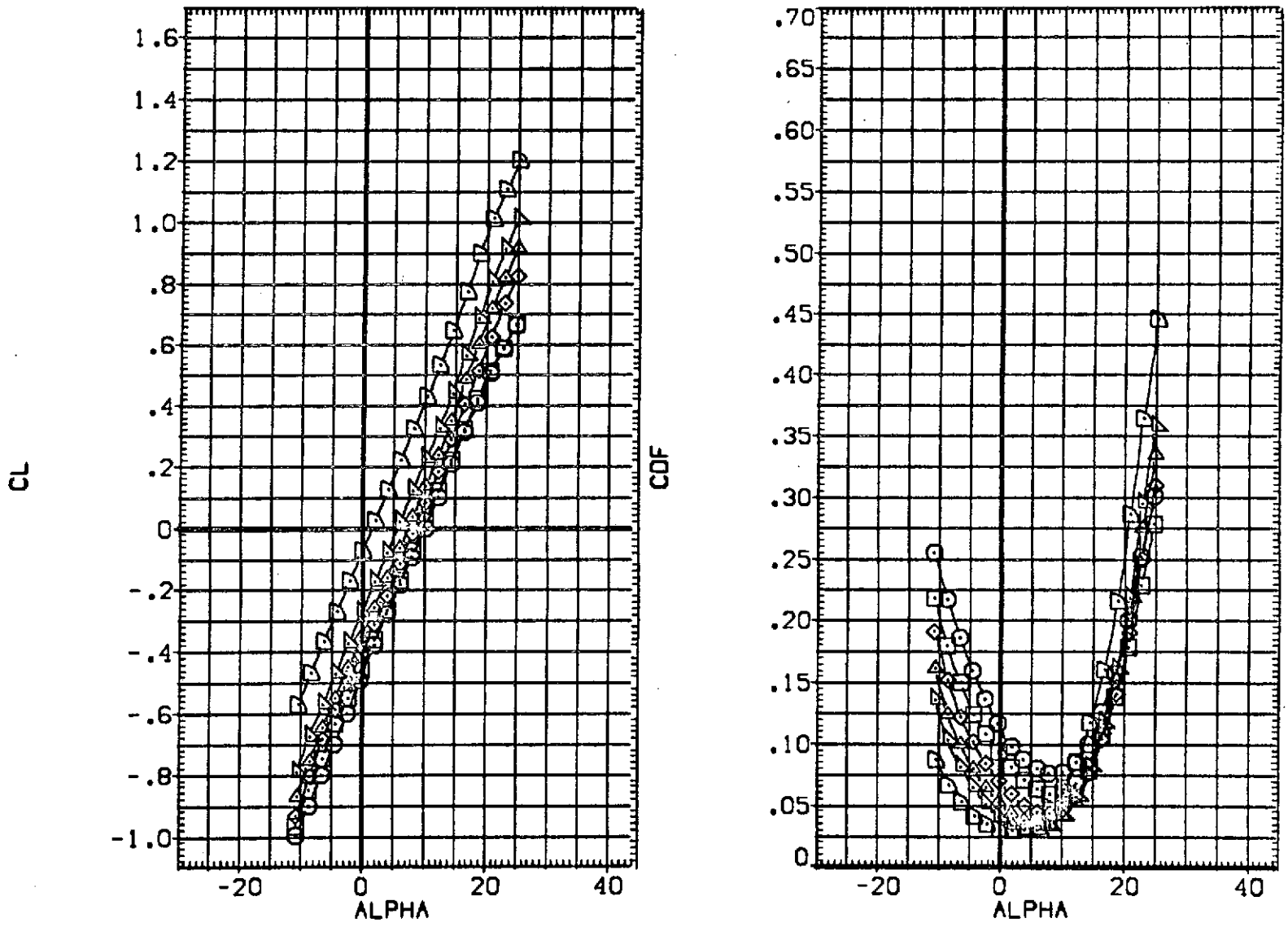


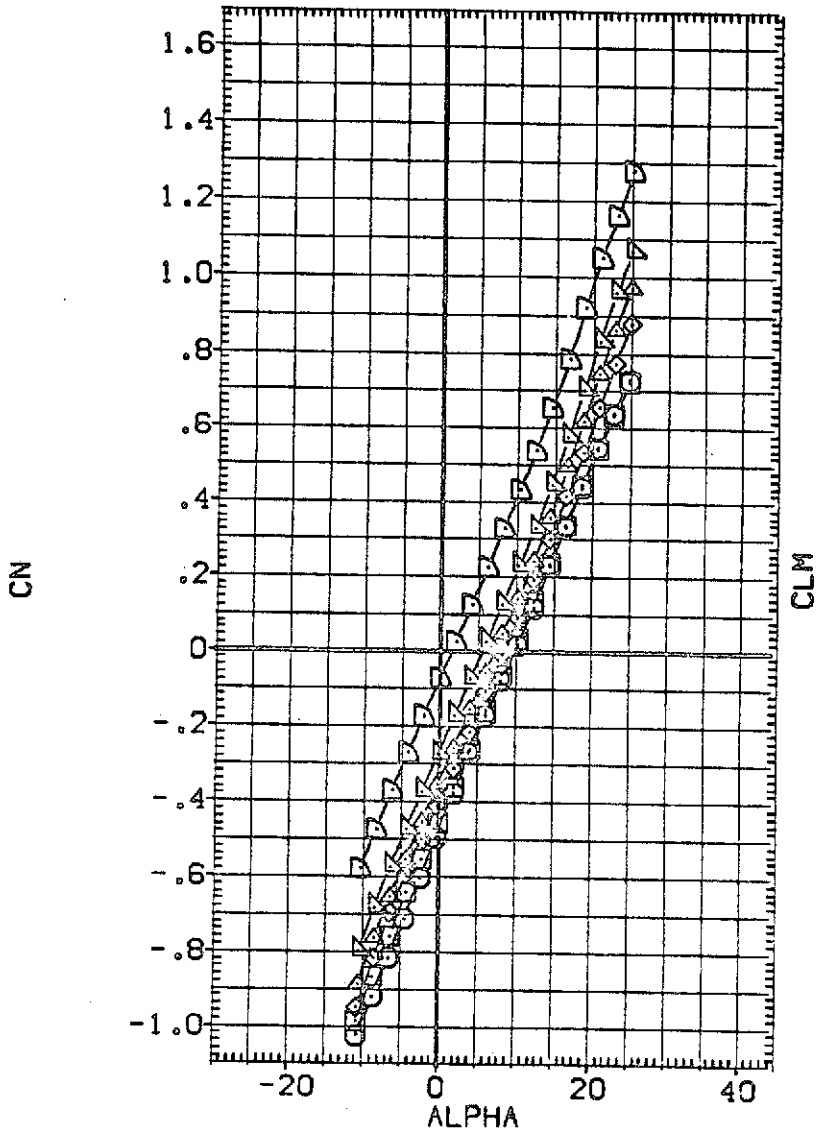
FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6034)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6033)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6028)	◇	0A118 B26C9M7F8V116E43V8R5X9
(BF6027)	△	0A118 B26C9M7F8V116E43V8R5X9
(BF6025)	◺	0A118 B26C9M7F8V116E43V8R5X9
(BF6018)	◸	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



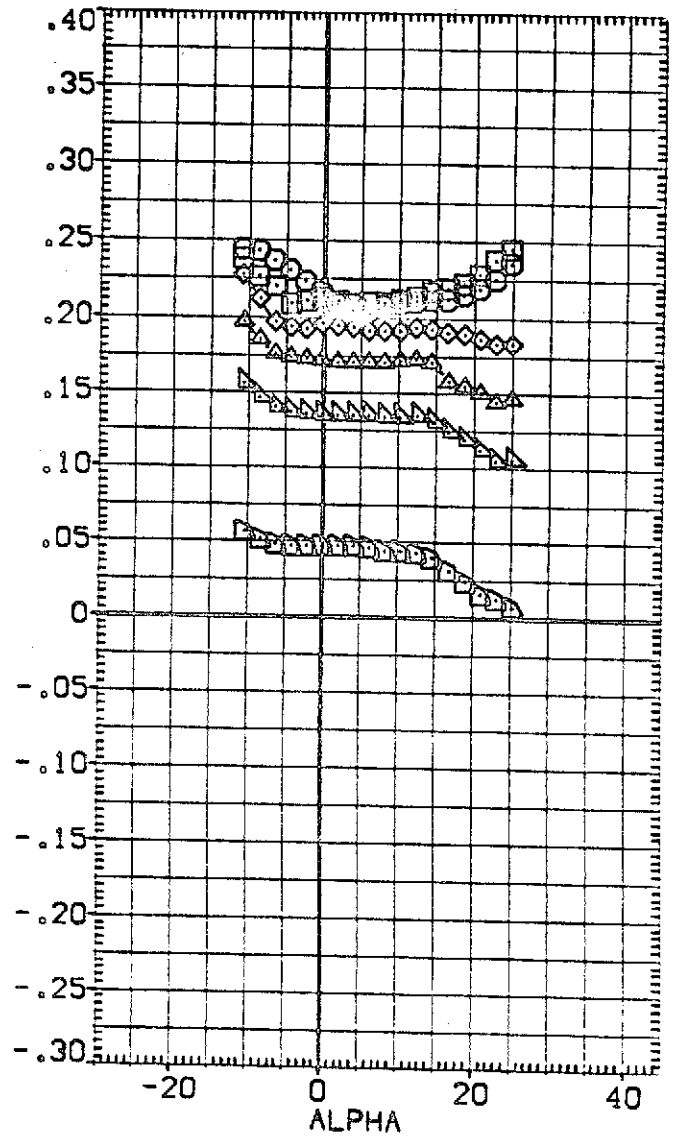


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6034)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6033)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9
(BF6027)	⧖	0A118 B26C9M7F8W116E43V8R5X9
(BF6025)	△	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	▷	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

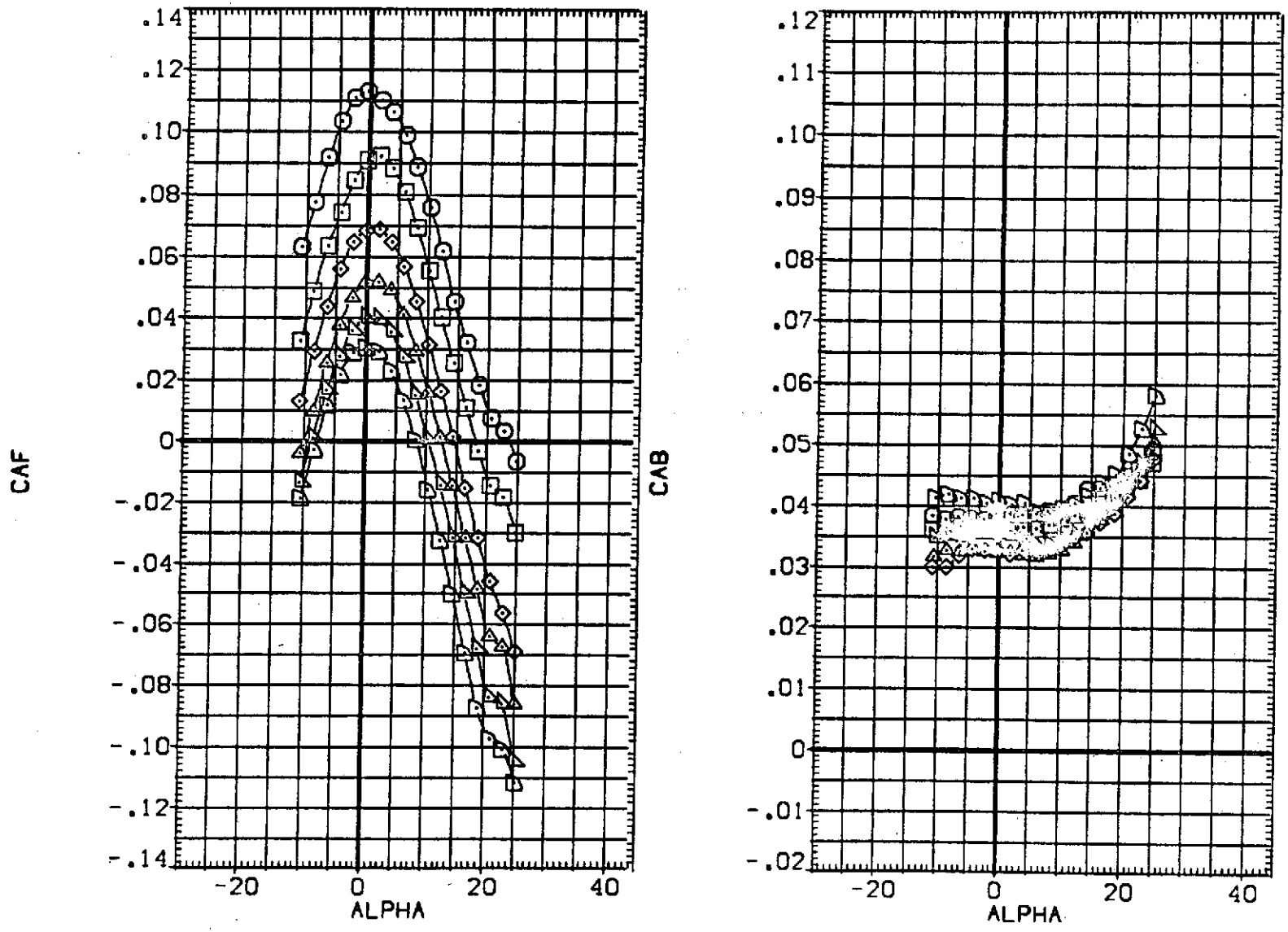


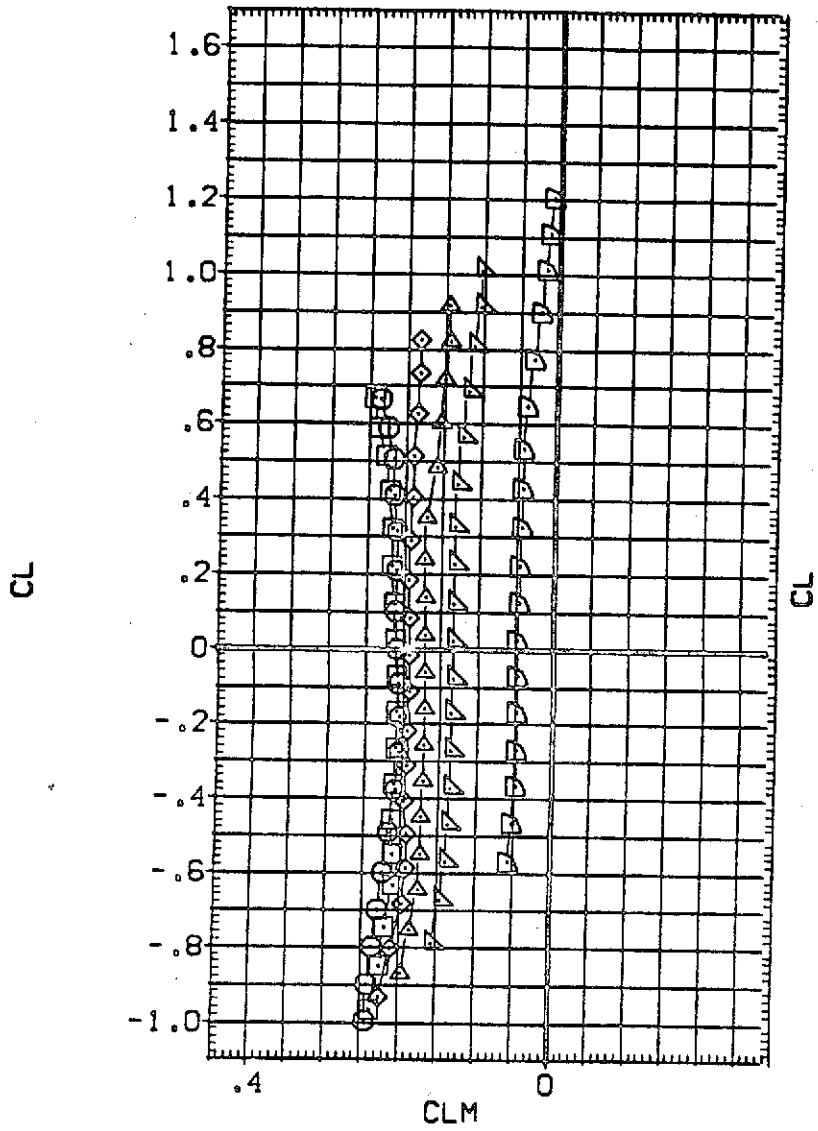
FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6034)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6033)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6028)	◇	0A118 B26C9M7F8W116E43V8R5X9
(BF6027)	△	0A118 B26C9M7F8W116E43V8R5X9
(BF6025)	◺	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	D	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



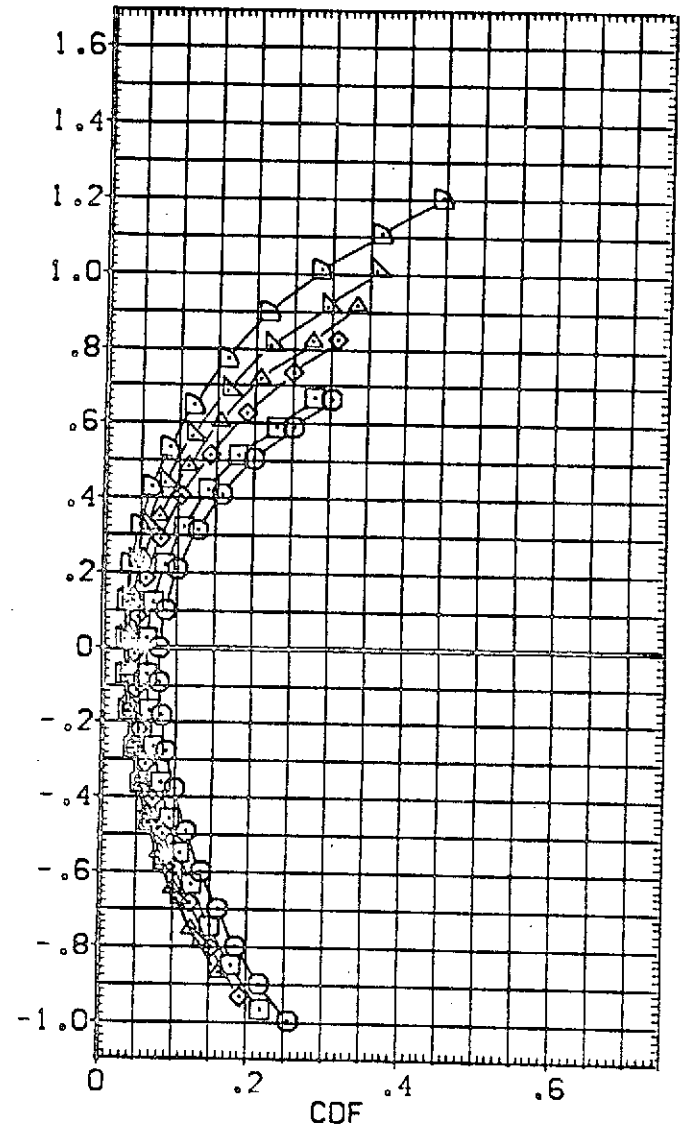


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6034)	○	OA118 B26C9M7F8W116E43V8R5X9
(BF6033)	□	OA118 B26C9M7F8W116E43V8R5X9
(BF6028)	◇	OA118 B26C9M7F8W116E43V8R5X9
(BF6027)	△	OA118 B26C9M7F8W116E43V8R5X9
(BF6025)	◺	OA118 B26C9M7F8W116E43V8R5X9
(BF6018)	◗	OA118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-40.000	-40.000	-40.000	-40.000
-30.000	-30.000	-30.000	-30.000
-20.000	-20.000	-20.000	-20.000
-15.000	-15.000	-15.000	-15.000
-10.000	-10.000	-10.000	-10.000
.000	.000	.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

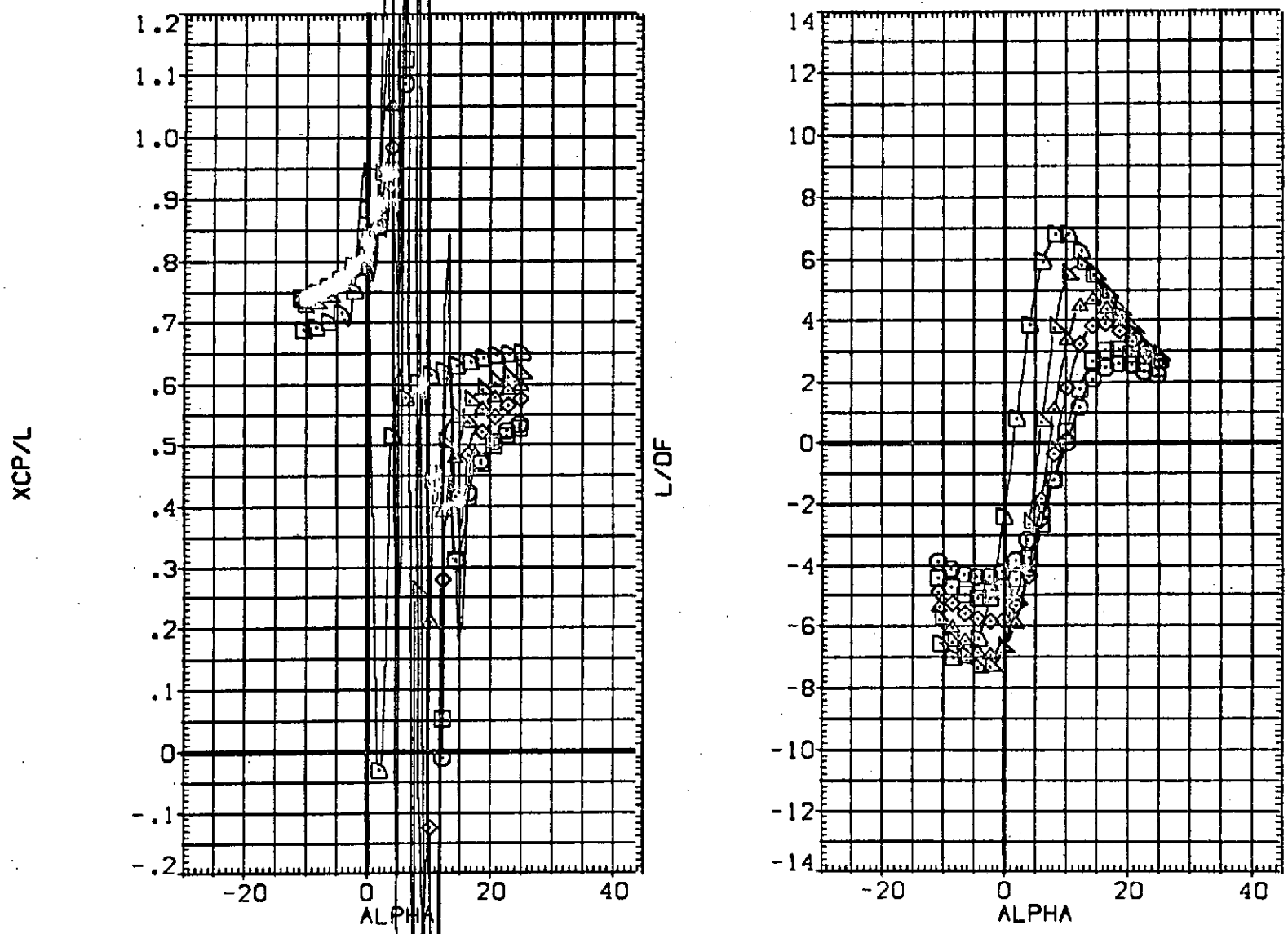


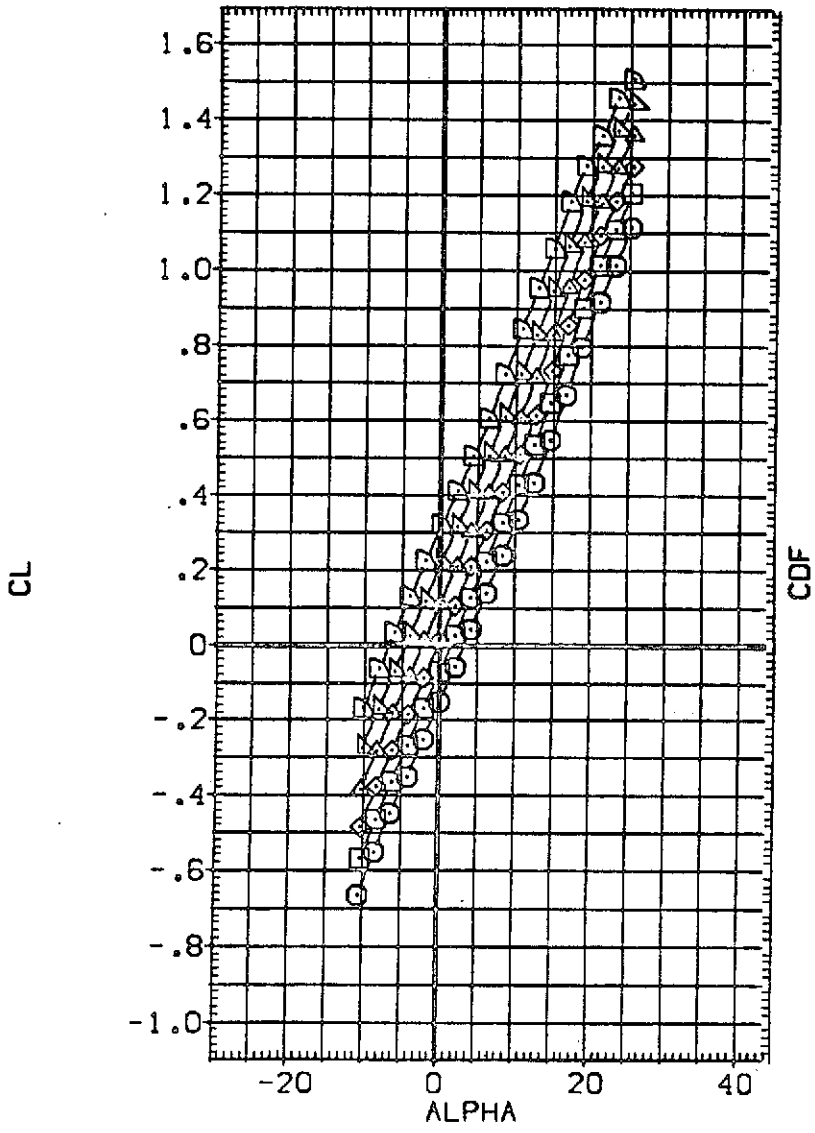
FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6024)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9
(BF6021)	△	0A118 B26C9M7F8W116E43V8R5X9
(BF6022)	◁	0A118 B26C9M7F8W116E43V8R5X9
(BF6023)	▷	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



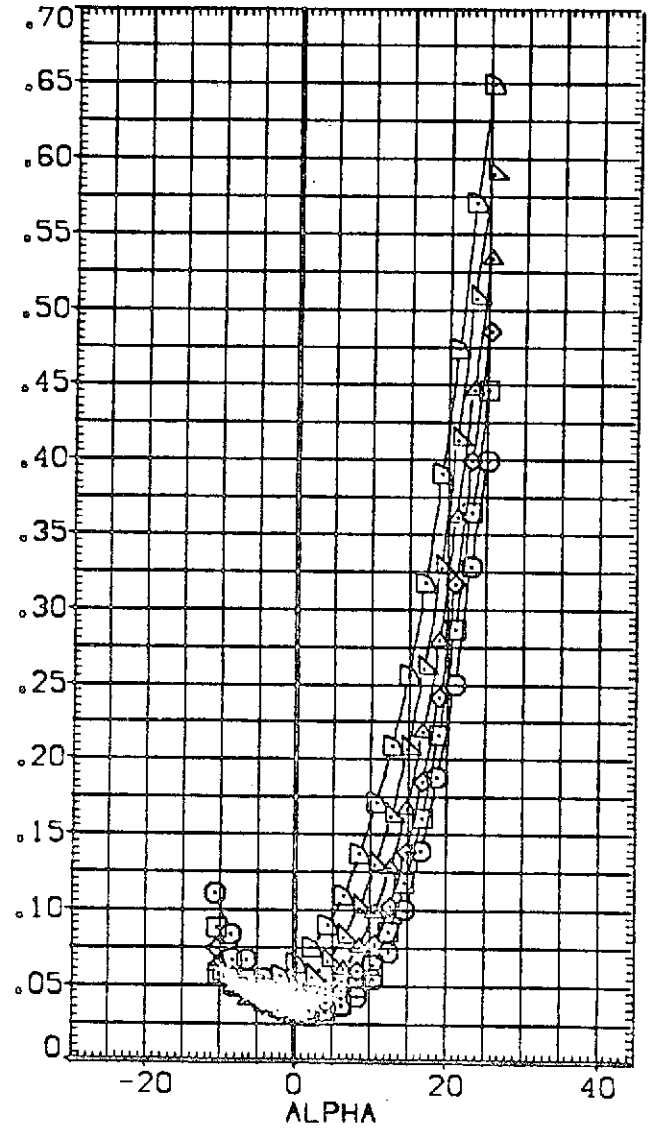


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6024)	○	0A118 B26C9M7F8W116E43V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9	.000	.000	.000	.000
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9	5.000	5.000	5.000	5.000
(BF6021)	△	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000
(BF6022)	◭	0A118 B26C9M7F8W116E43V8R5X9	15.000	15.000	15.000	15.000
(BF6023)	◺	0A118 B26C9M7F8W116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

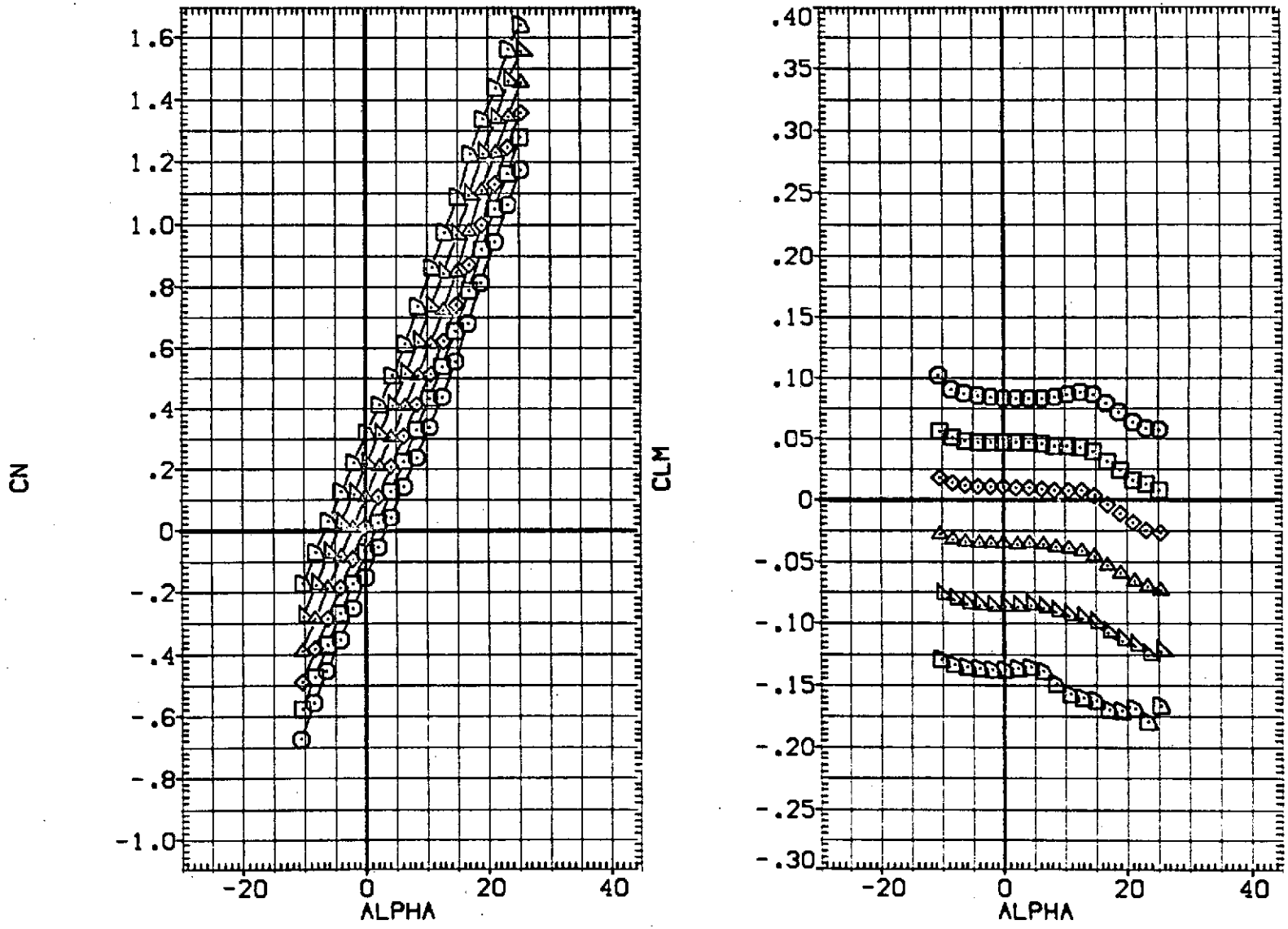


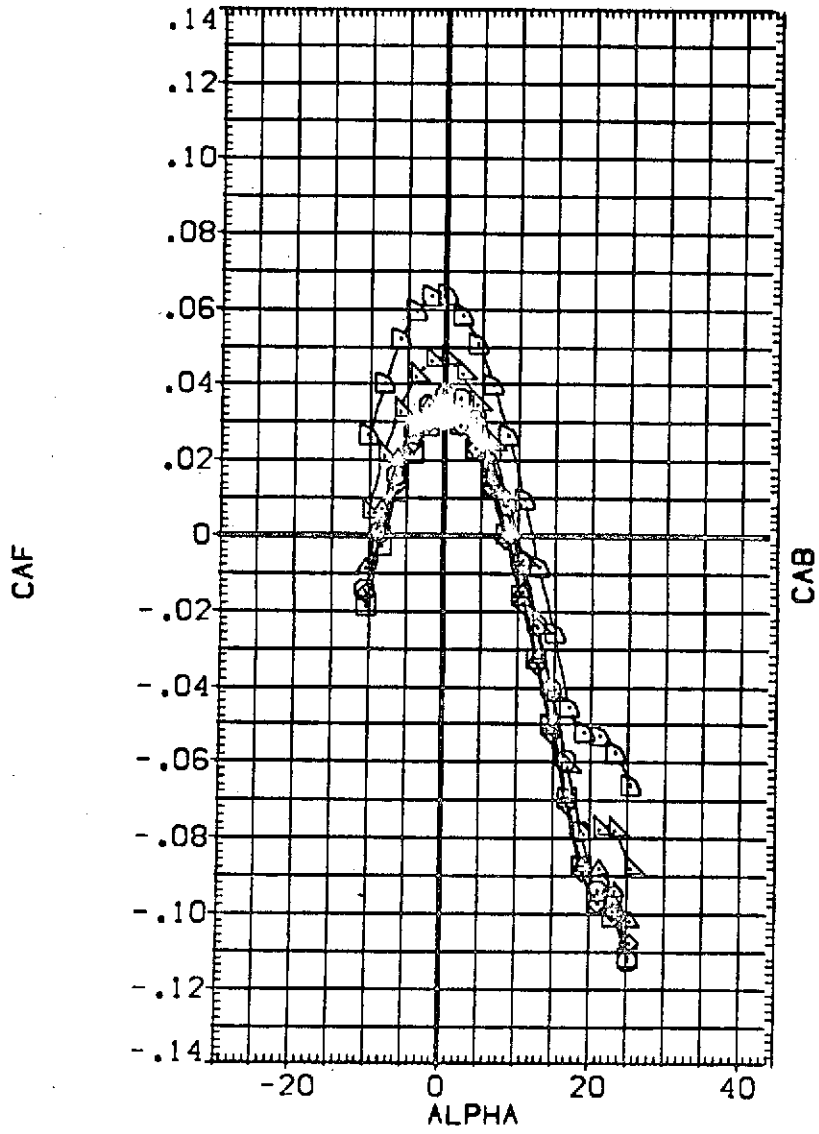
FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6024)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9
(BF6021)	△	0A118 B26C9M7F8W116E43V8R5X9
(BF6022)	◸	0A118 B26C9M7F8W116E43V8R5X9
(BF6023)	◹	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-5.000	-5.000	-5.000	-5.000
.000	.000	.000	.000
5.000	5.000	5.000	5.000
10.000	10.000	10.000	10.000
15.000	15.000	15.000	15.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



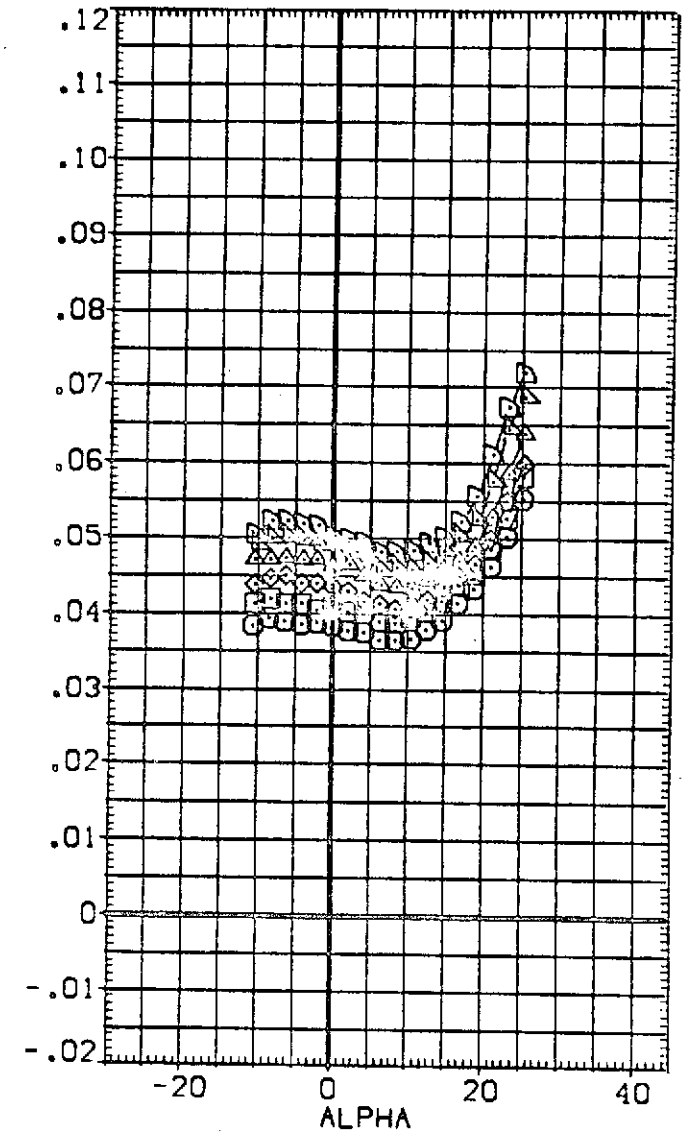


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6024)	○	0A118 B26C9M7F8W116E43V8R5X9	-5.000	-5.000	-5.000	-5.000
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9	.000	.000	.000	.000
(BF6020)	◇	0A118 B26C9M7F8W116E43V8R5X9	5.000	5.000	5.000	5.000
(BF6021)	△	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000
(BF6022)	◺	0A118 B26C9M7F8W116E43V8R5X9	15.000	15.000	15.000	15.000
(BF6023)	D	0A118 B26C9M7F8W116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

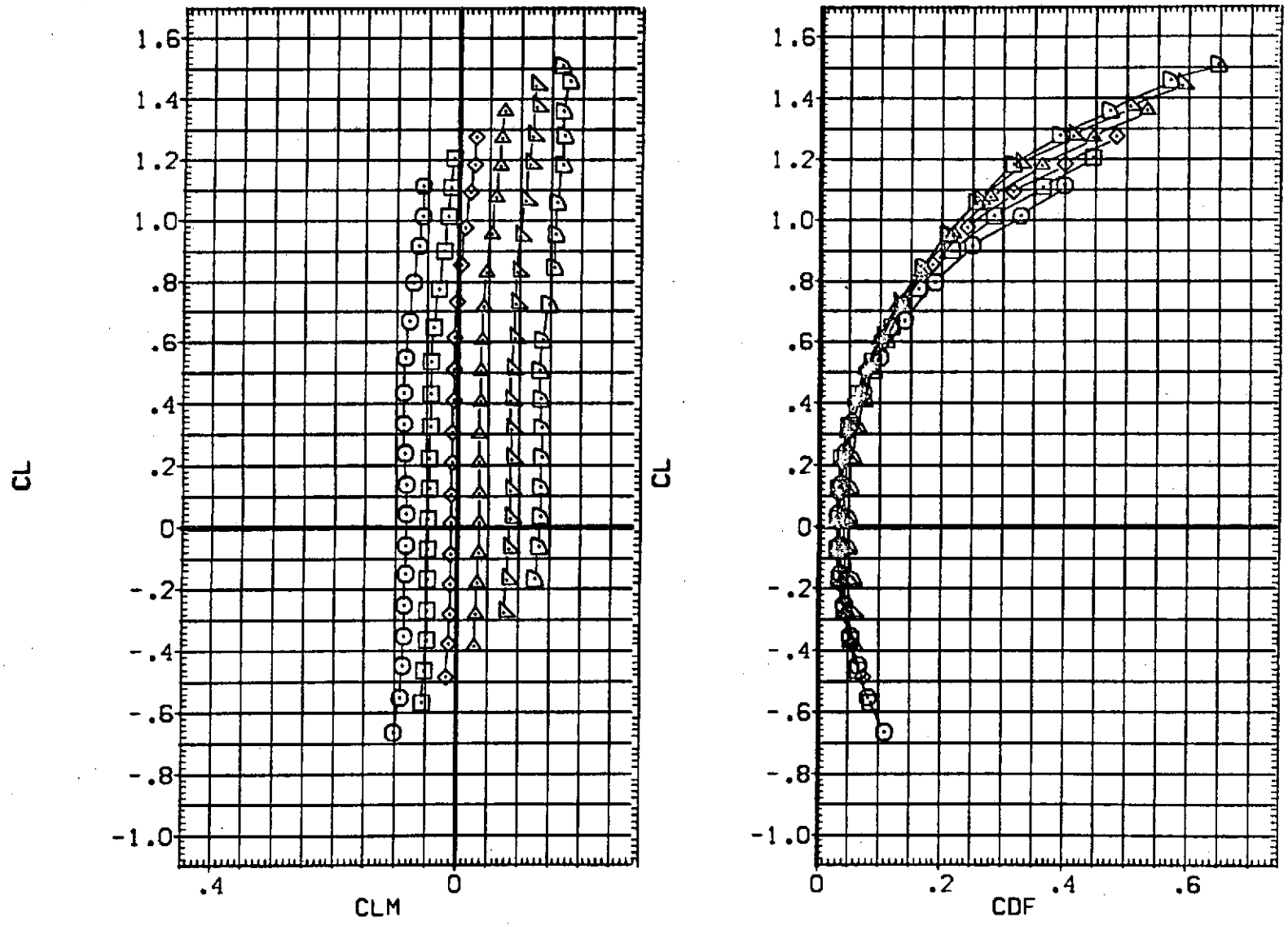


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
[BF6024]	○	0A118 B26C9M7F8V116E43V8R5X9	-5.000	-5.000	-5.000	-5.000
[BF6018]	□	0A118 B26C9M7F8V116E43V8R5X9	.000	.000	.000	.000
[BF6020]	◇	0A118 B26C9M7F8V116E43V8R5X9	5.000	5.000	5.000	5.000
[BF6021]	△	0A118 B26C9M7F8V116E43V8R5X9	10.000	10.000	10.000	10.000
[BF6022]	◭	0A118 B26C9M7F8V116E43V8R5X9	15.000	15.000	15.000	15.000
[BF6023]	◺	0A118 B26C9M7F8V116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

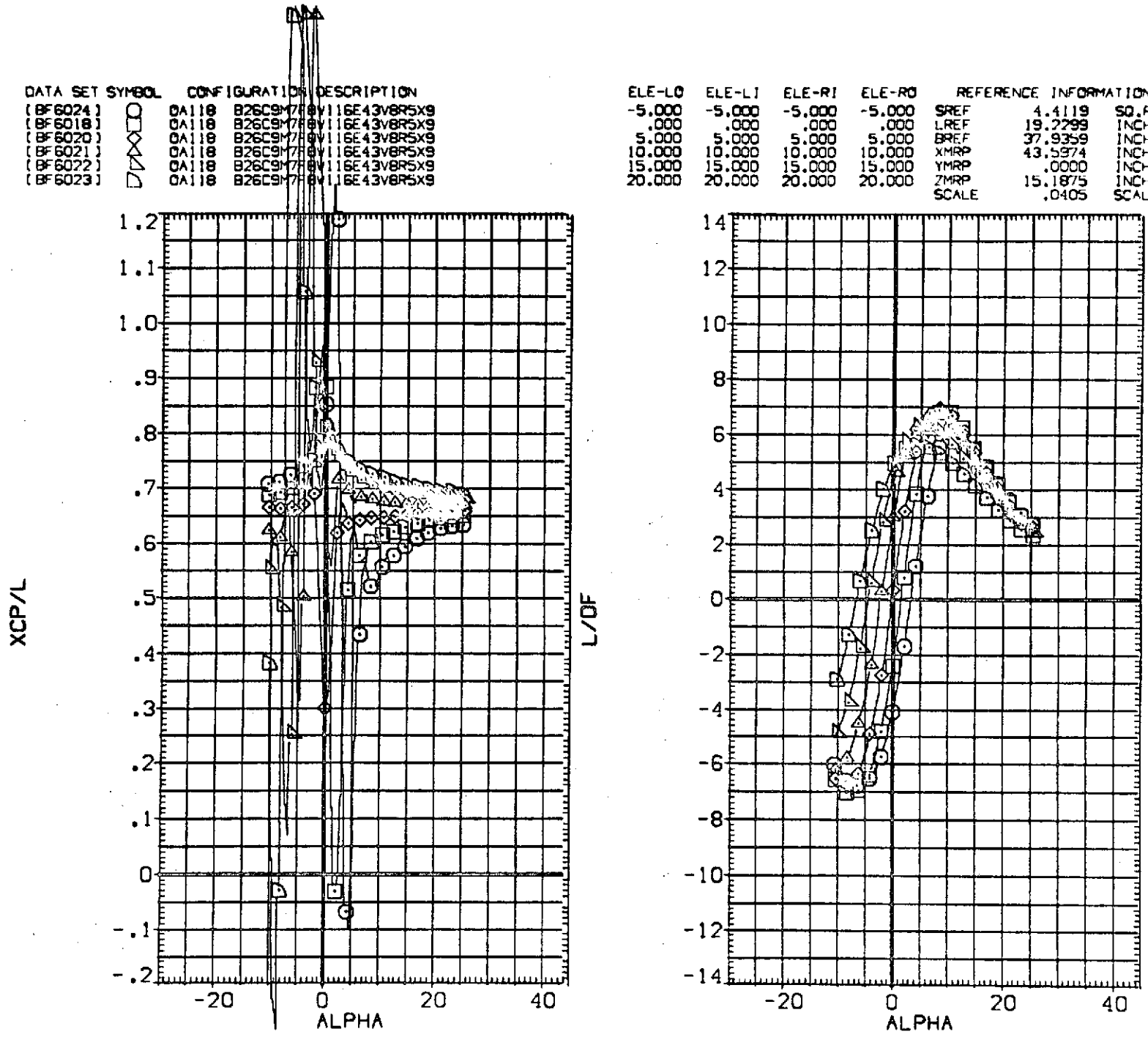


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

(A)MACH = .26

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPOBRK	25.000	BOFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
◺	-2.000					JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

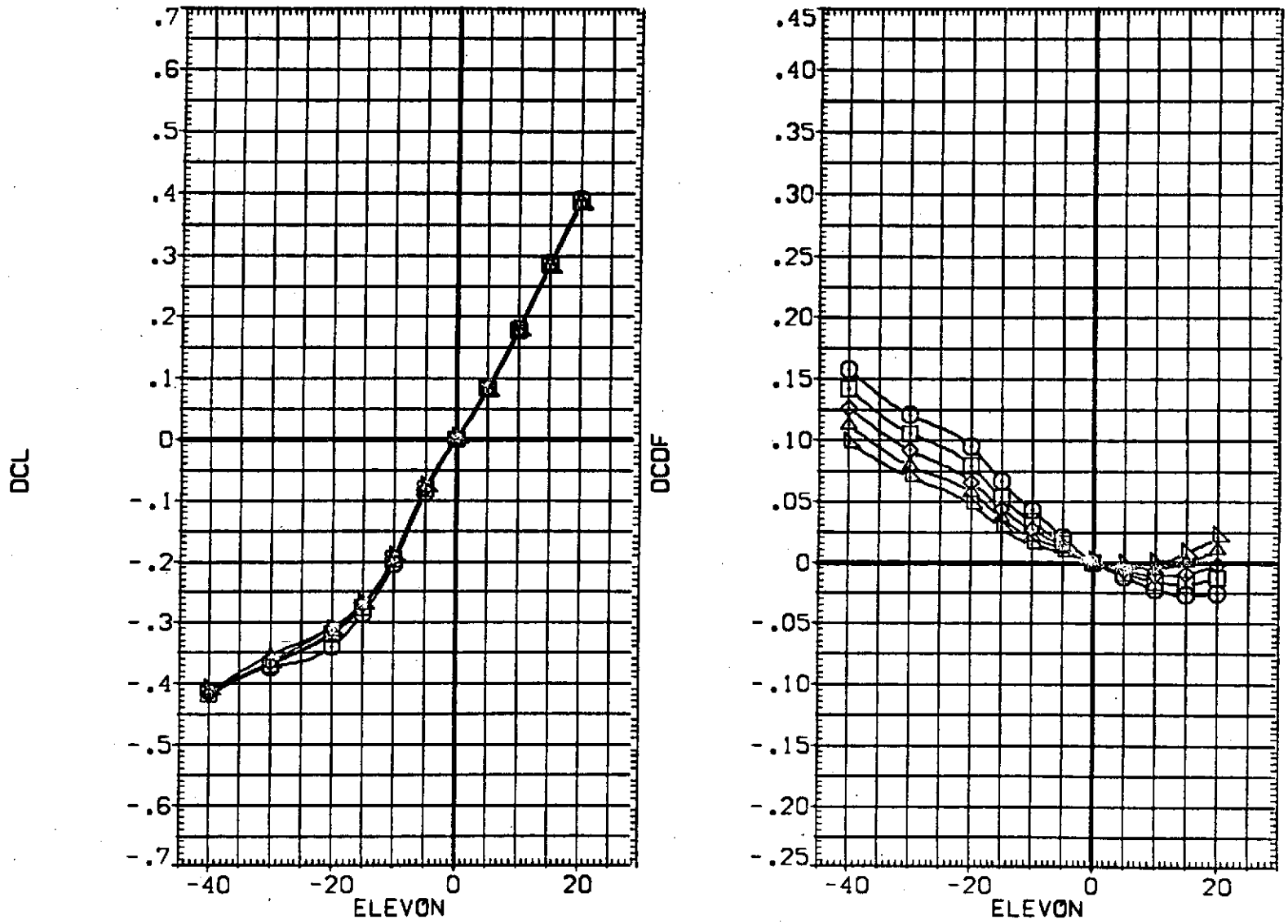


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	4.000	SPOBRK	25.000	BOFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	6.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
◺	8.000					JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

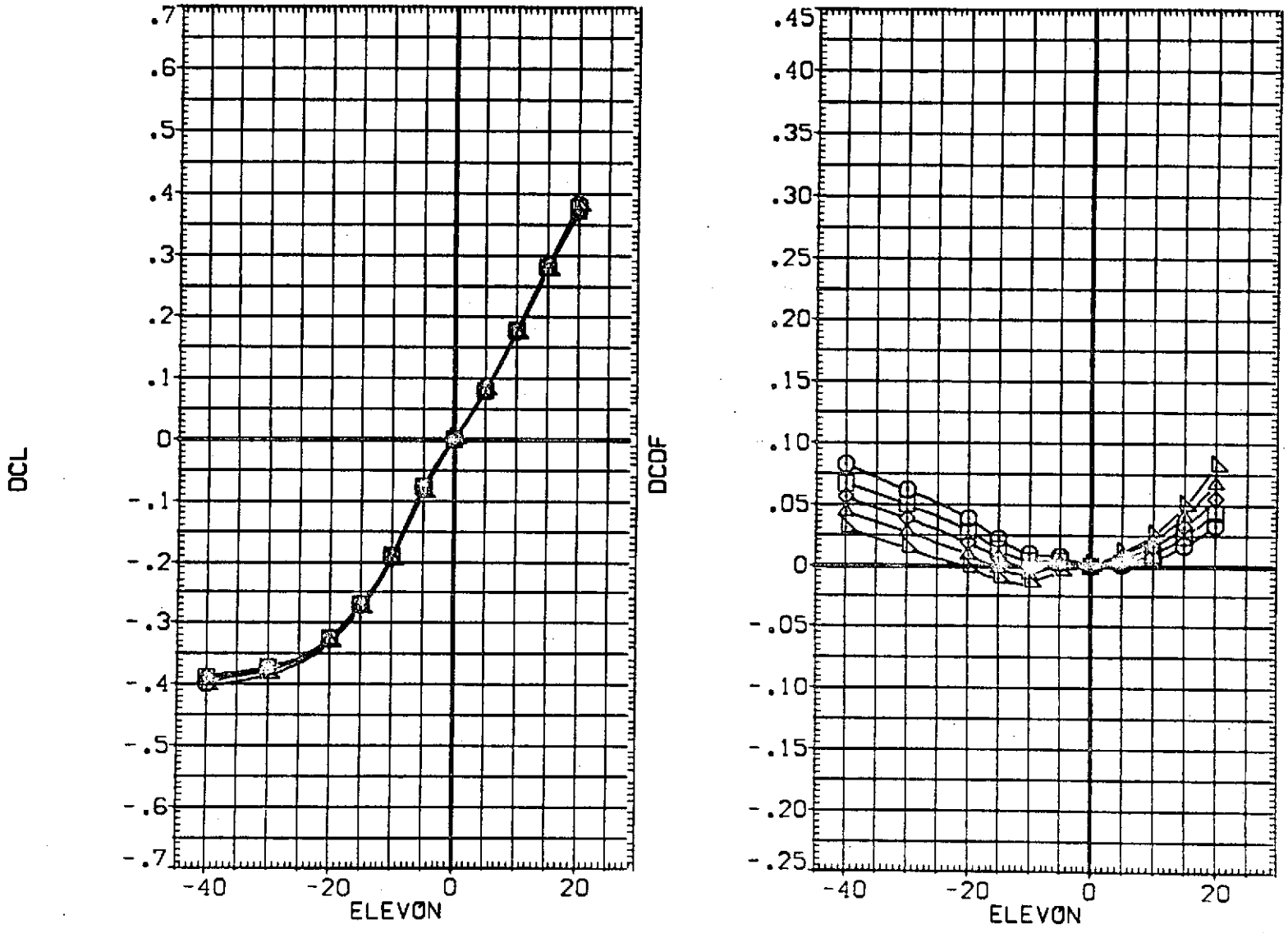


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA
○	10.000
□	12.000
◇	14.000
△	16.000
◺	18.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET	ELEVON
ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000
SPOBRK	25.000	BDFLAP	-12.000	JF6028	-20.000
RUDDER	.000	BETA	.000	JF6025	-10.000
				JF6018	.000
				JF6021	10.000
				JF6023	20.000

DATA SOURCE

DATASET	ELEVON
JF6033	-30.000
JF6027	-15.000
JF6024	-5.000
JF6020	5.000
JF6022	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

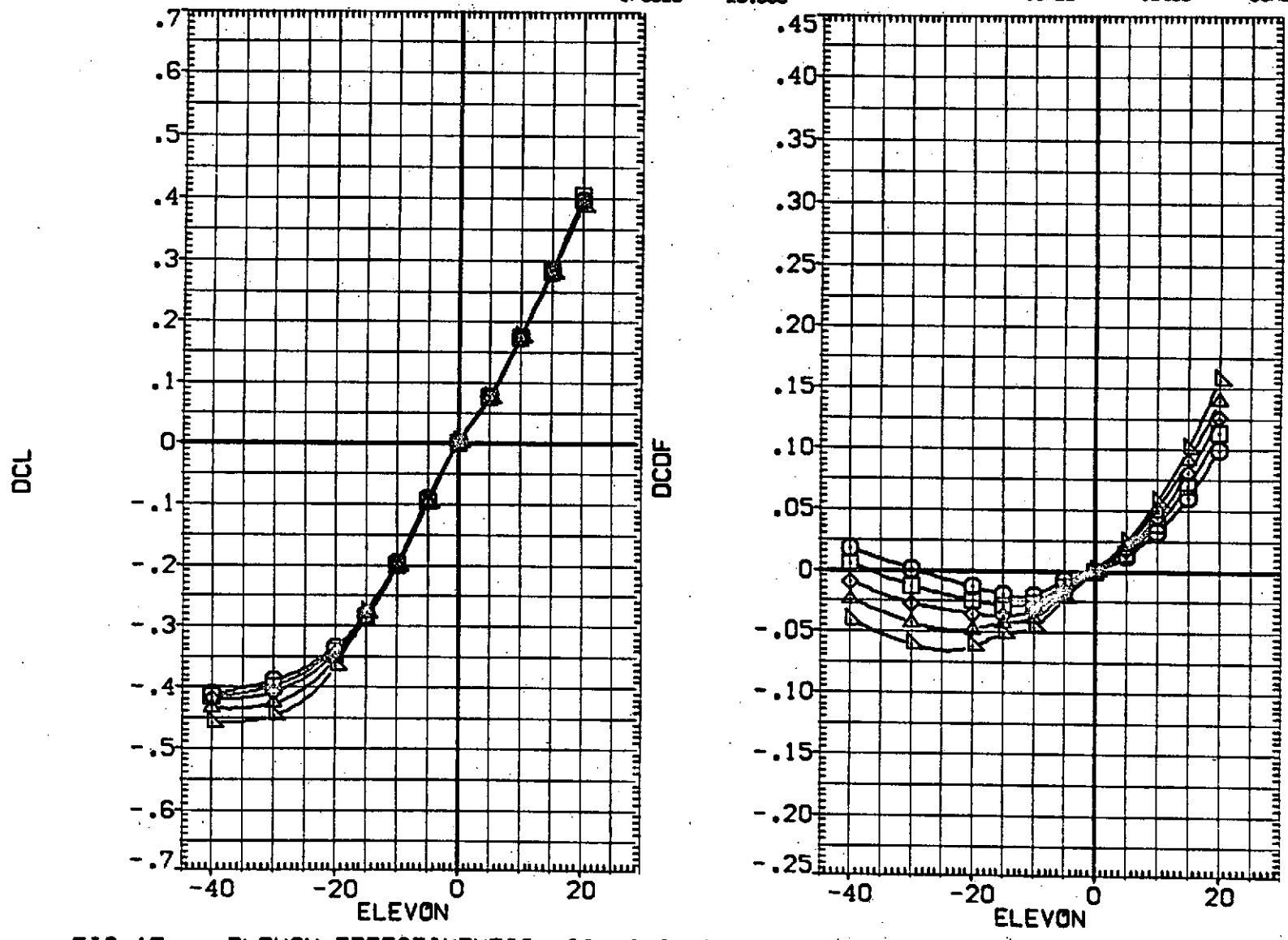


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	24.000	SPOBRK	25.000	BDFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
						JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

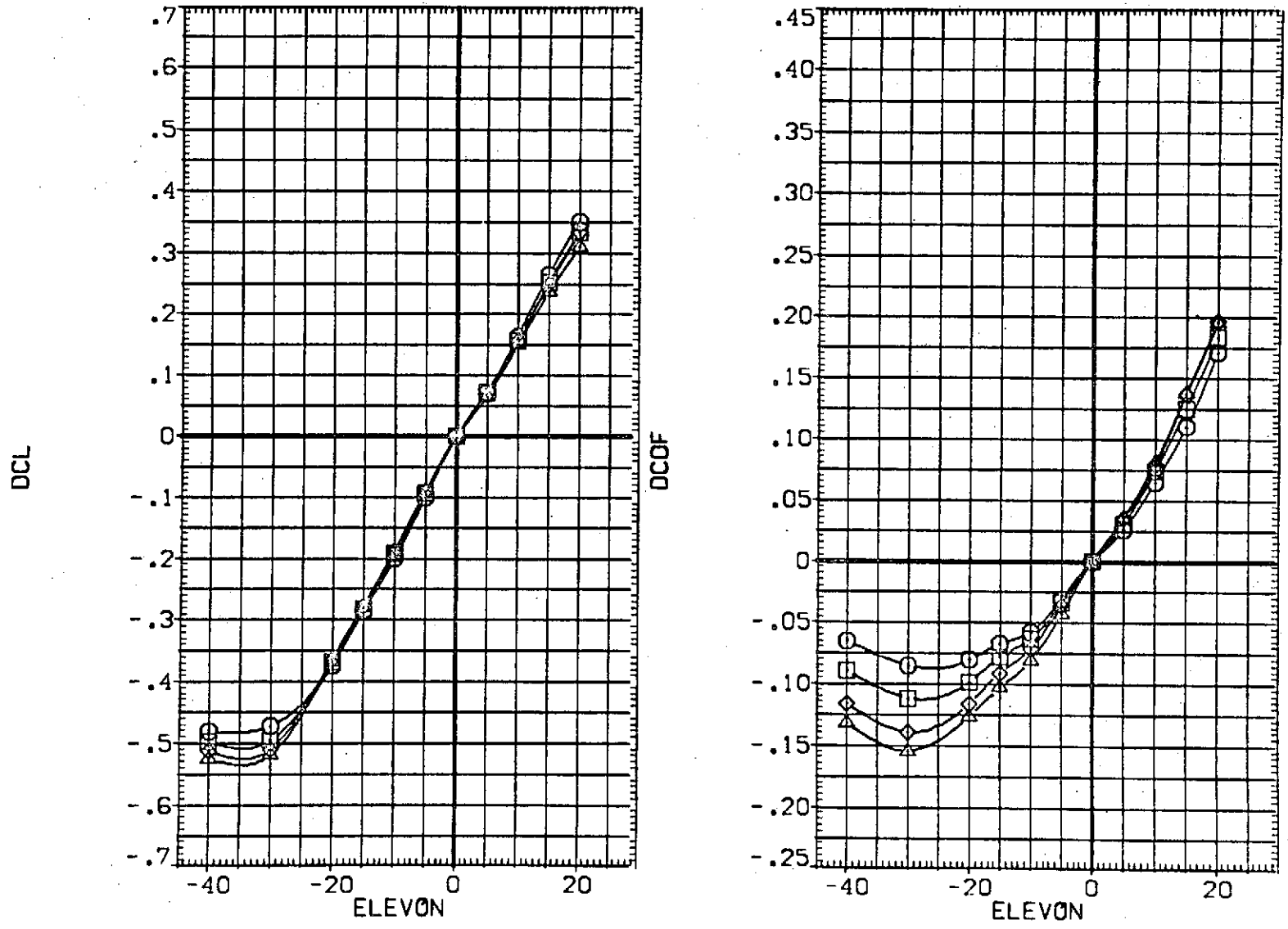


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA
○	-10.000
□	-8.000
◇	-6.000
△	-4.000
◺	-2.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET
ELE-RI	-40.000	ELE-RO	-40.000	JF6034
SPDBRK	25.000	BDFLAP	-12.000	JF6028
RUDDER	.000	BETA	.000	JF6025
				JF6018
				JF6021
				JF6023

DATA SOURCE

ELEVON	DATASET	ELEVON
-40.000	JF6033	-30.000
-20.000	JF6027	-15.000
-10.000	JF6024	-5.000
.000	JF6020	5.000
10.000	JF6022	15.000
20.000		

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

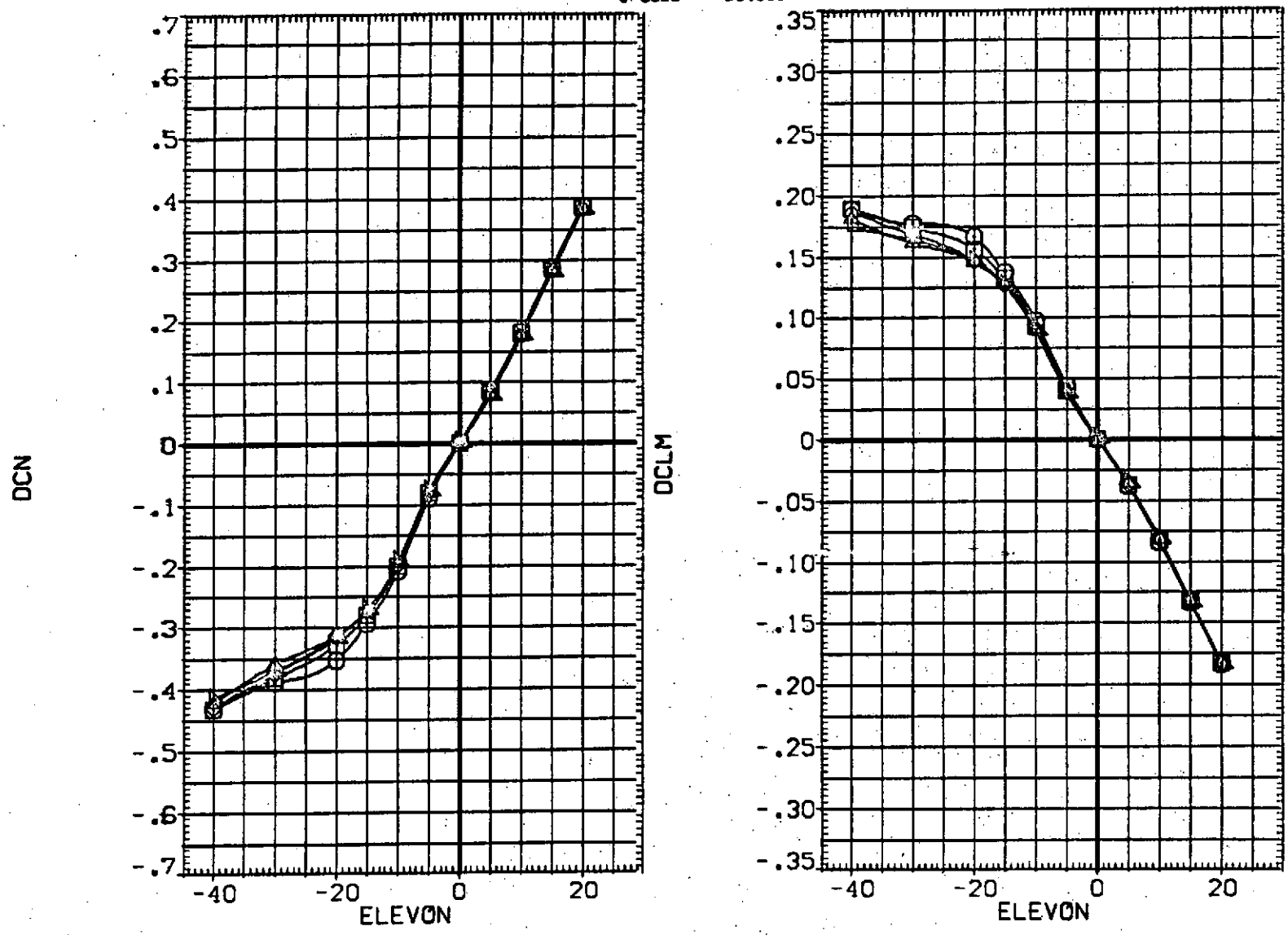


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA
○	.000
□	2.000
◇	4.000
△	6.000
◿	8.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET	ELEVON
ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000
SPOBRK	25.000	BOFLAP	-12.000	JF6028	-20.000
RUDDER	.000	BETA	.000	JF6025	-10.000
				JF6018	.000
				JF6021	10.000
				JF6023	20.000

DATA SOURCE

DATASET	ELEVON
JF6033	-30.000
JF6027	-15.000
JF6024	-5.000
JF6020	5.000
JF6022	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

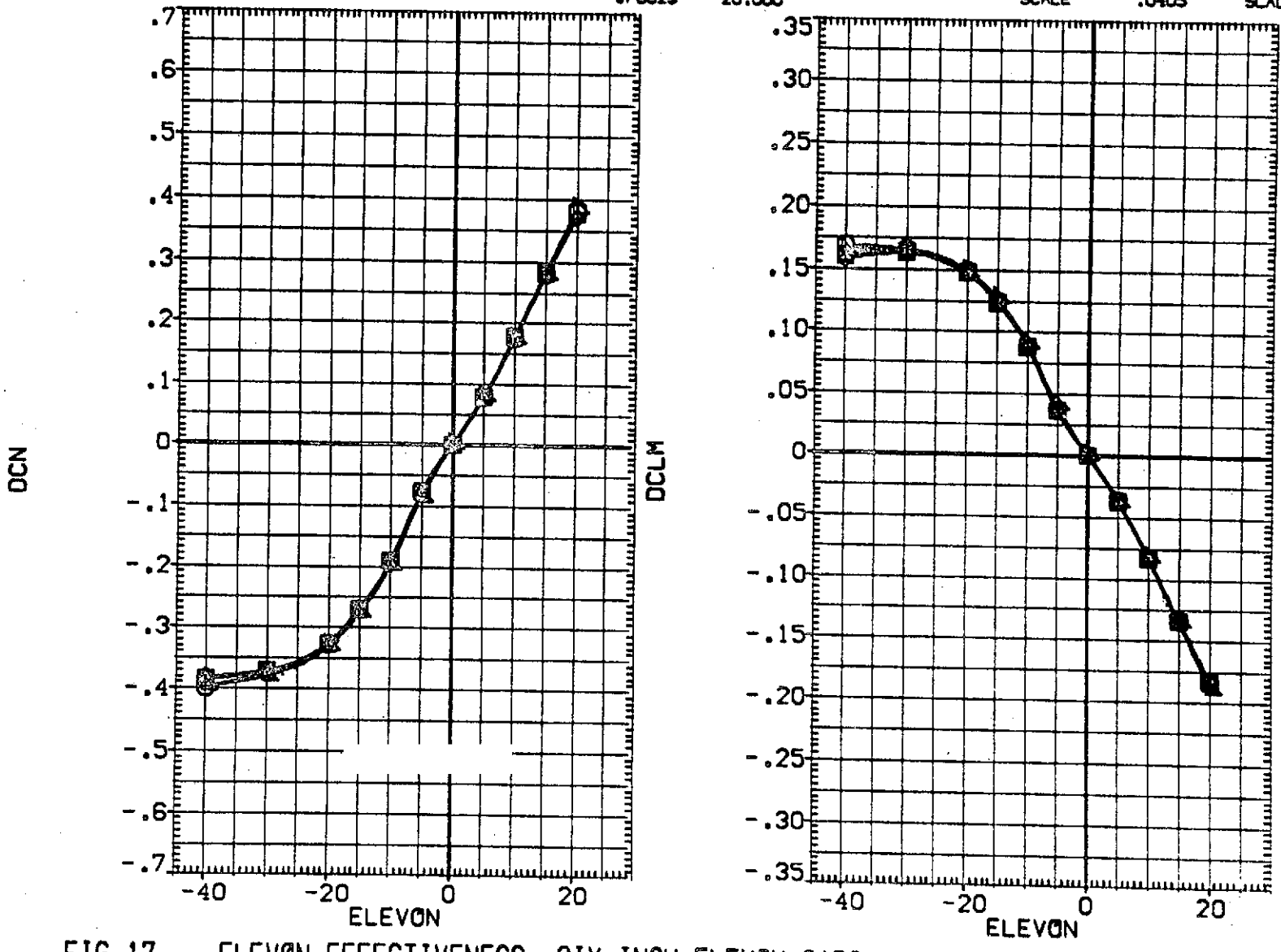


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA
○	10.000
□	12.000
◇	14.000
△	16.000
◺	18.000

PARAMETRIC VALUES

MACH	.260	ELE-LO	-40.000	DATASET
ELE-RI	-40.000	ELE-RO	-40.000	JF6034
SPDBRK	25.000	BDFLAP	-12.000	JF6028
RUDDER	.000	BETA	.000	JF6025
				JF6018
				JF6021
				JF6023

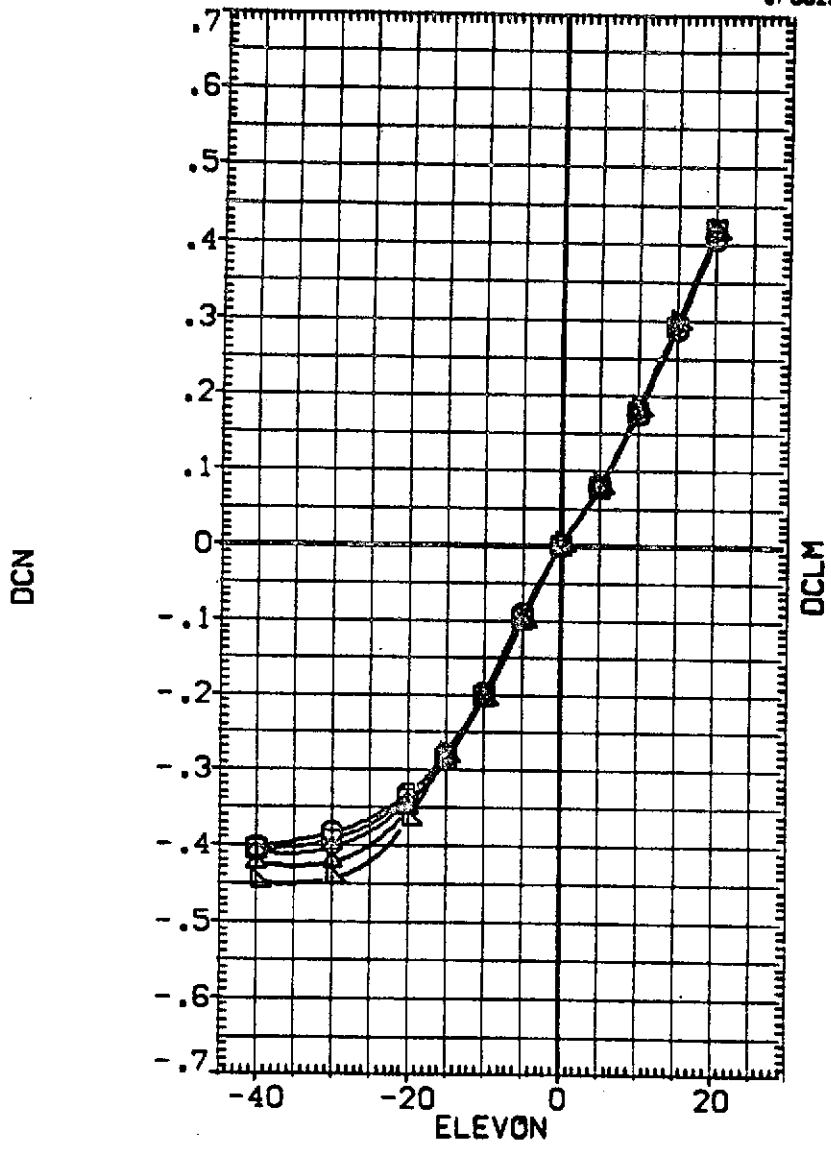
DATA SOURCE

ELEVON
-40.000
-20.000
-10.000
.000
10.000
20.000

DATASET	ELEVON
JF6033	-30.000
JF6027	-15.000
JF6024	-5.000
JF6020	5.000
JF6022	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



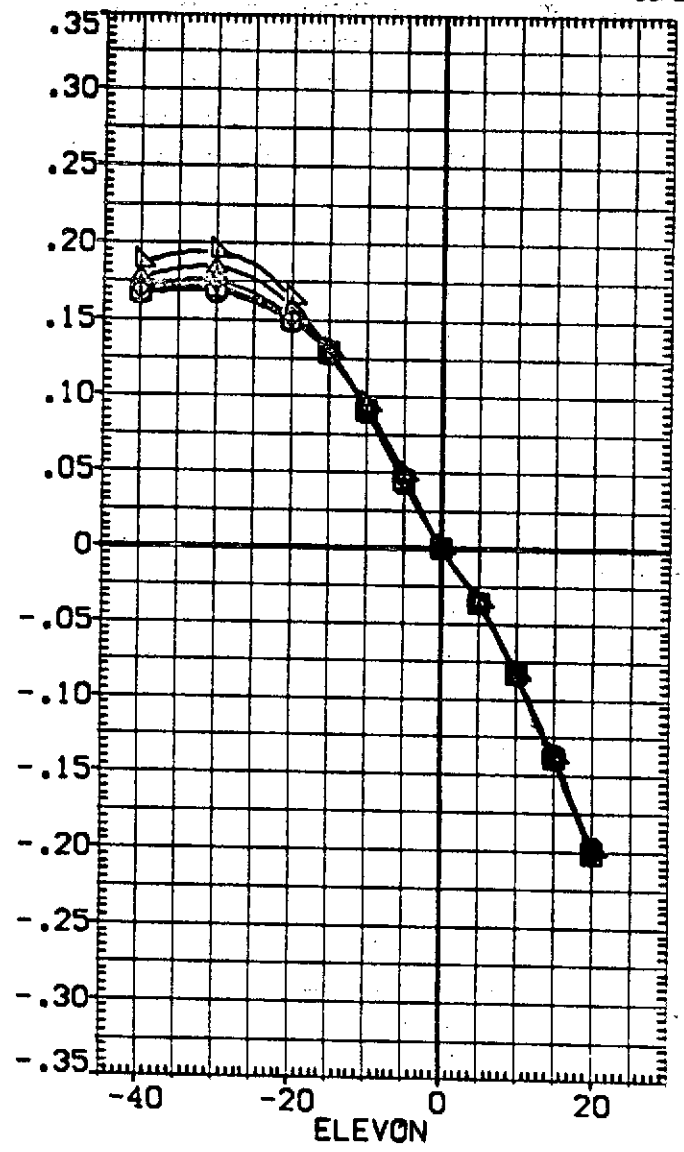


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES						DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
						JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

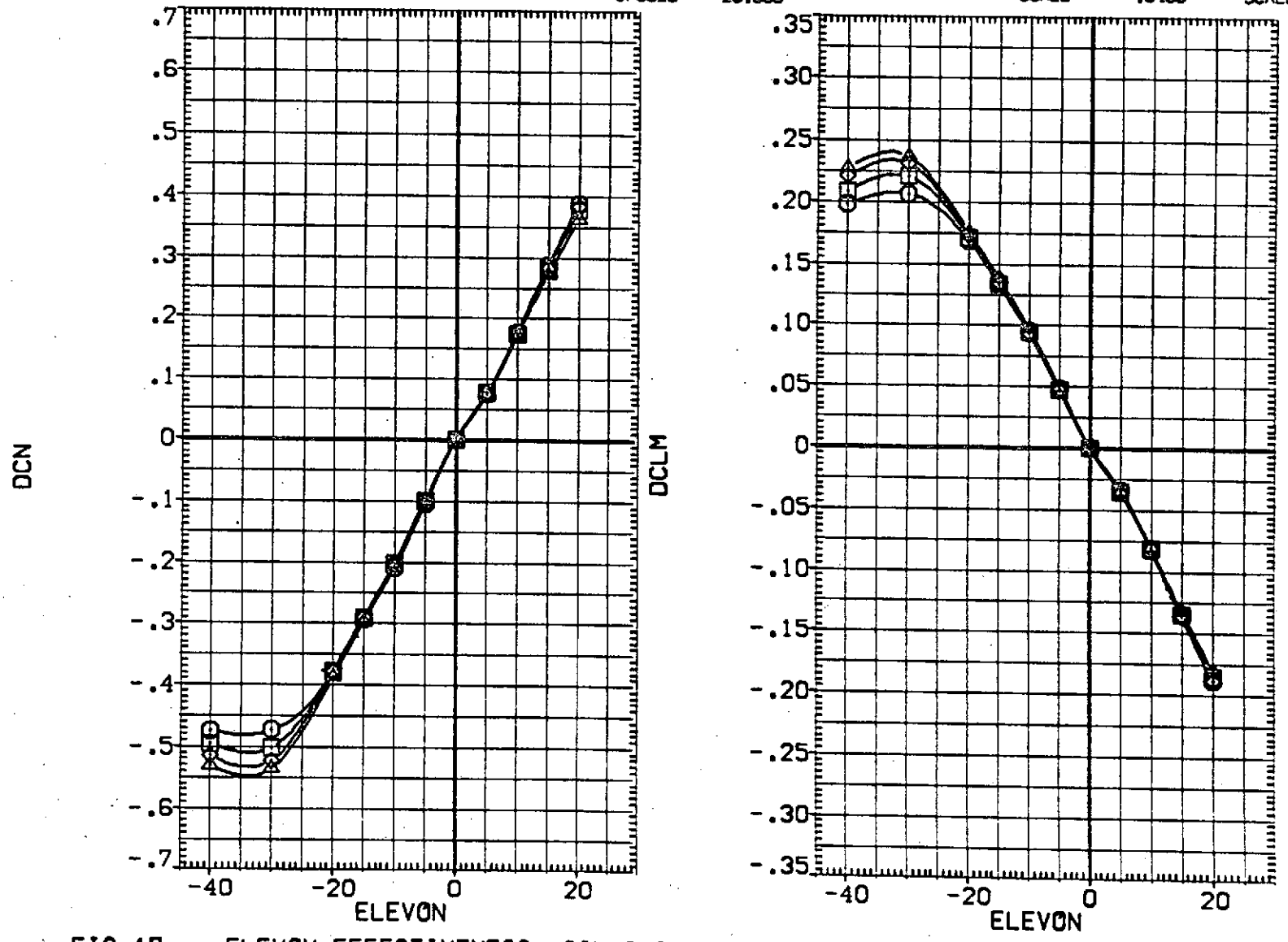


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
◺	-2.000					JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

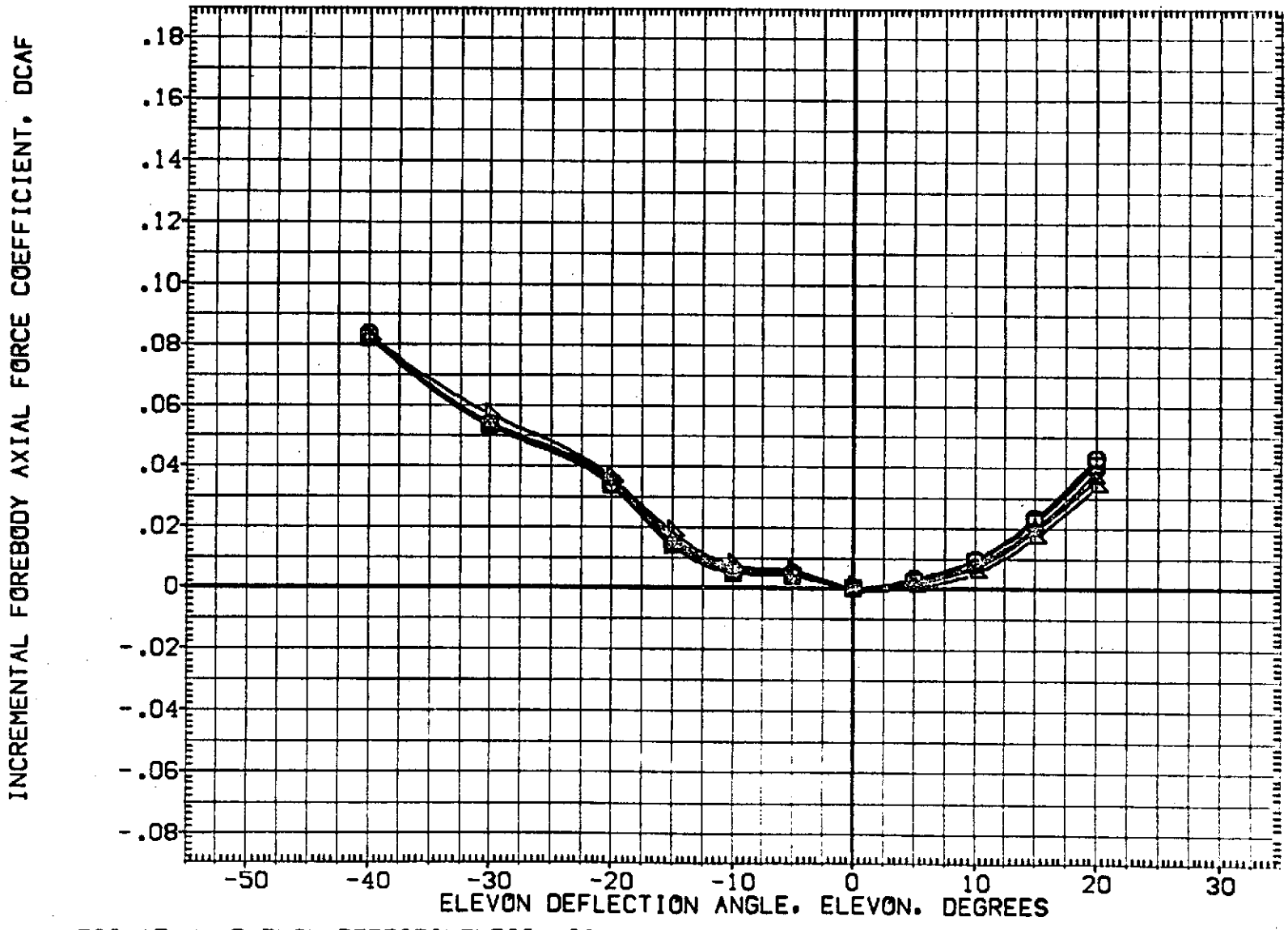


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

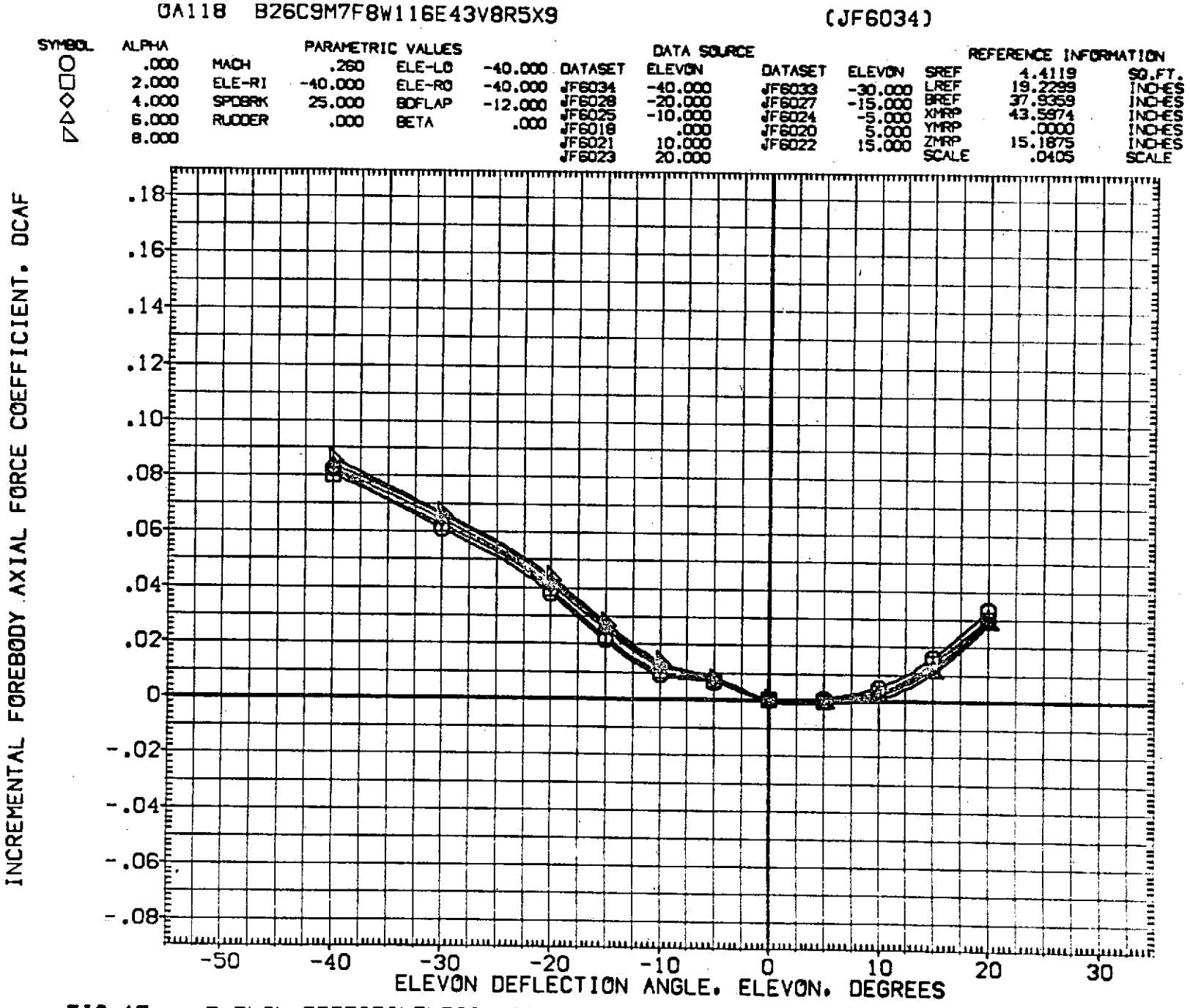


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BDFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	16.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
◿	18.000					JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

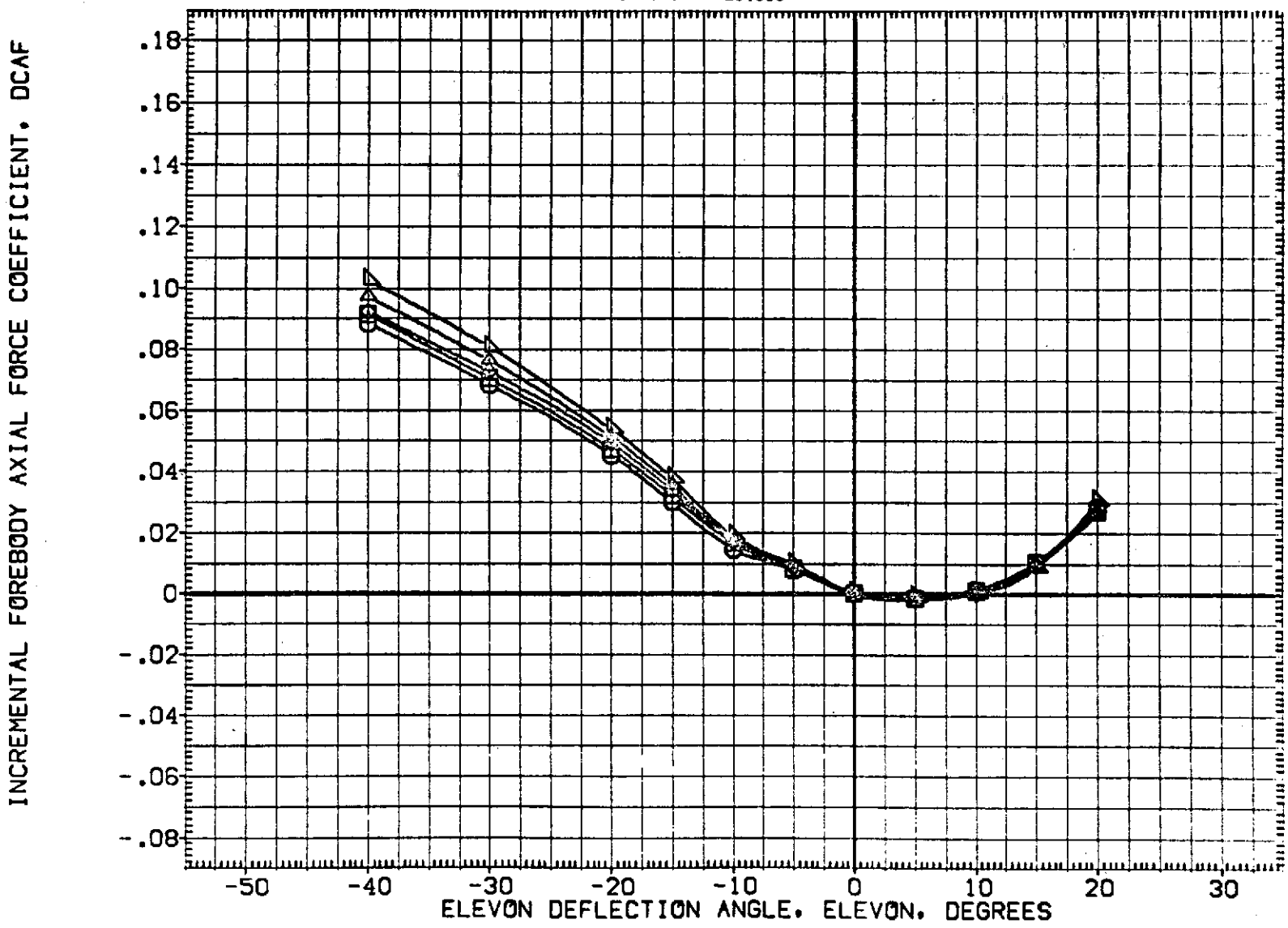


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

0A118 B26C9M7F8W116E43V8R5X9 (JF6034)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	-40.000	DATASET	ELEVON	DATASET	ELEVON	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-40.000	ELE-RO	-40.000	JF6034	-40.000	JF6033	-30.000	LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BOFLAP	-12.000	JF6028	-20.000	JF6027	-15.000	BREF	37.9359	INCHES
△	25.000	RUDDER	.000	BETA	.000	JF6025	-10.000	JF6024	-5.000	XMRP	43.5974	INCHES
						JF6018	.000	JF6020	5.000	YMRP	.0000	INCHES
						JF6021	10.000	JF6022	15.000	ZMRP	15.1875	INCHES
						JF6023	20.000			SCALE	.0405	SCALE

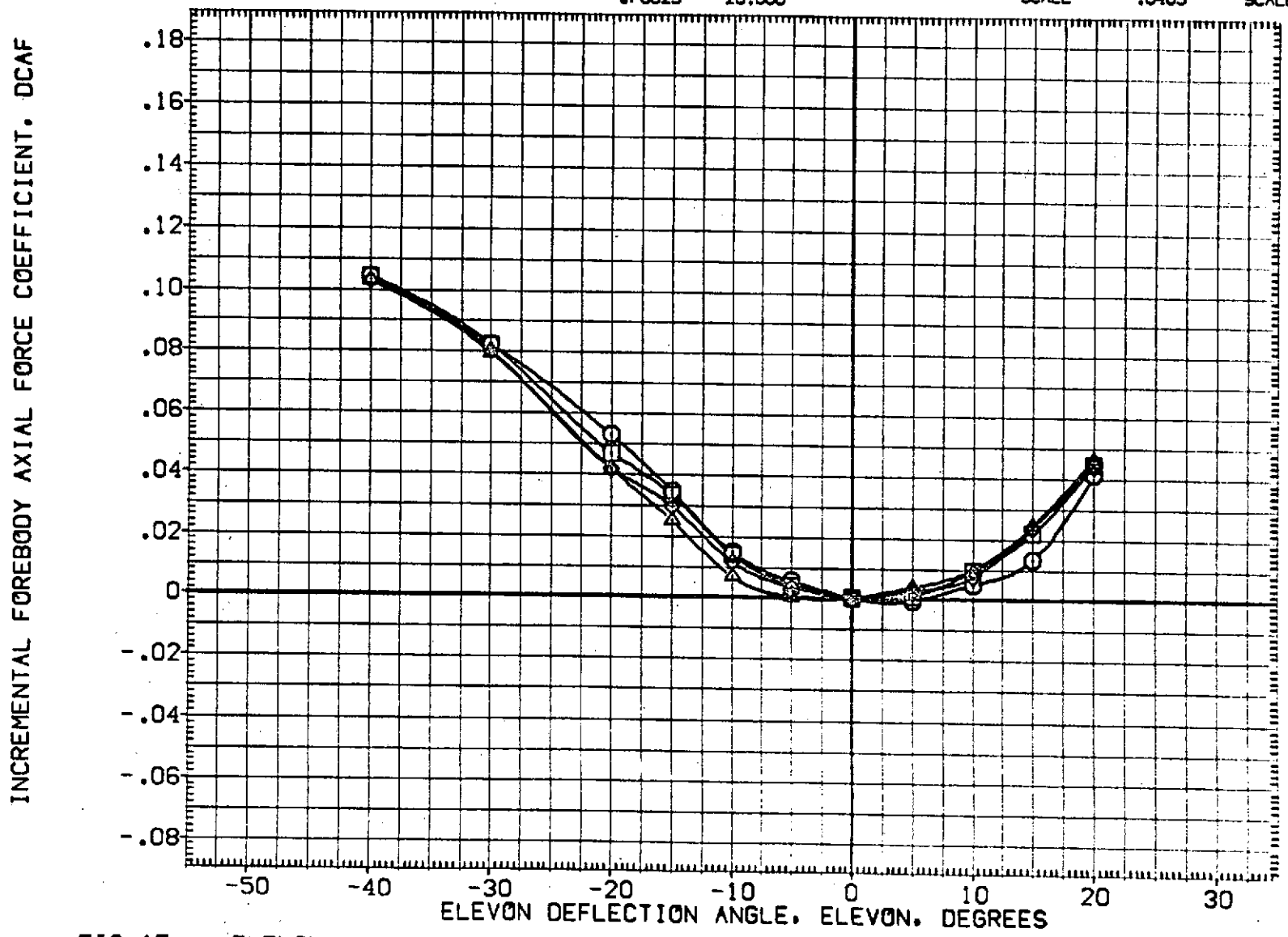
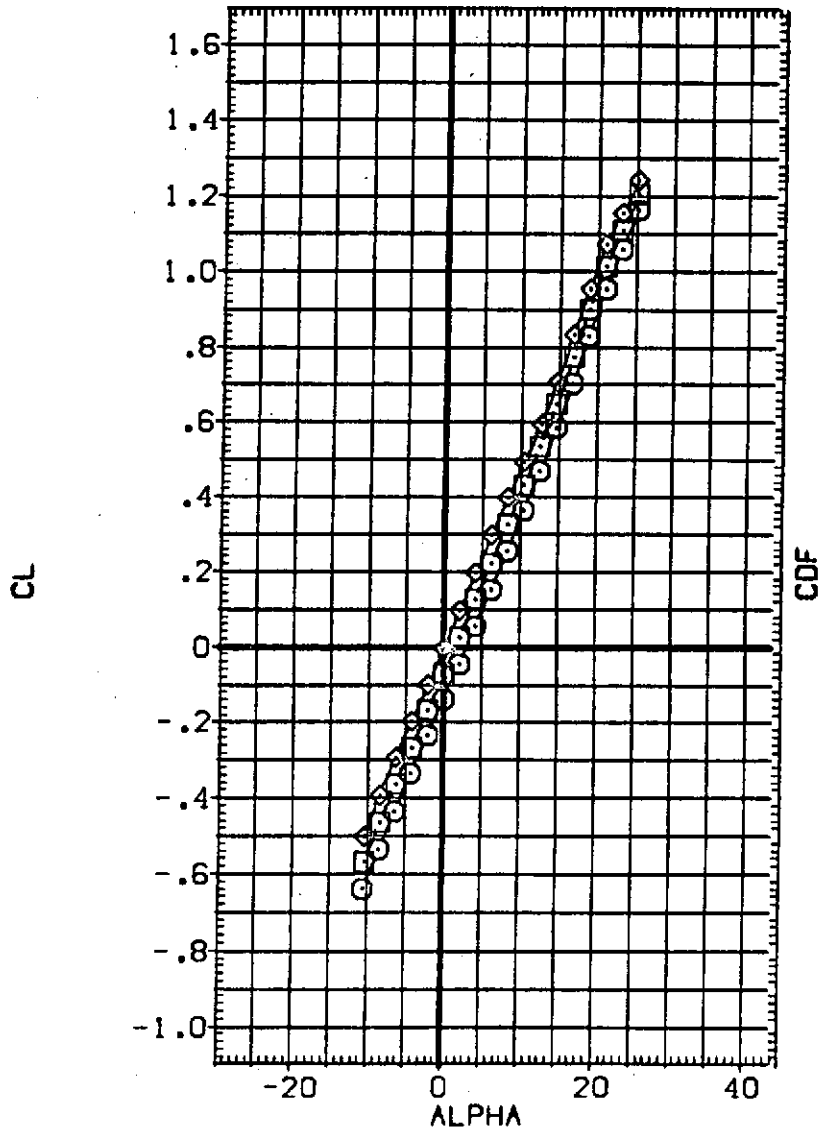


FIG 17 ELEVON EFFECTIVENESS, SIX INCH ELEVON GAPS

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6037)	○	0A118 B26C9M7F8W116E43V8R5X9	-10.000	.000	.000	-10.000
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9	.000	.000	.000	.000
(BF6039)	◇	0A118 B26C9M7F8W116E43V8R5X9	10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.7299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



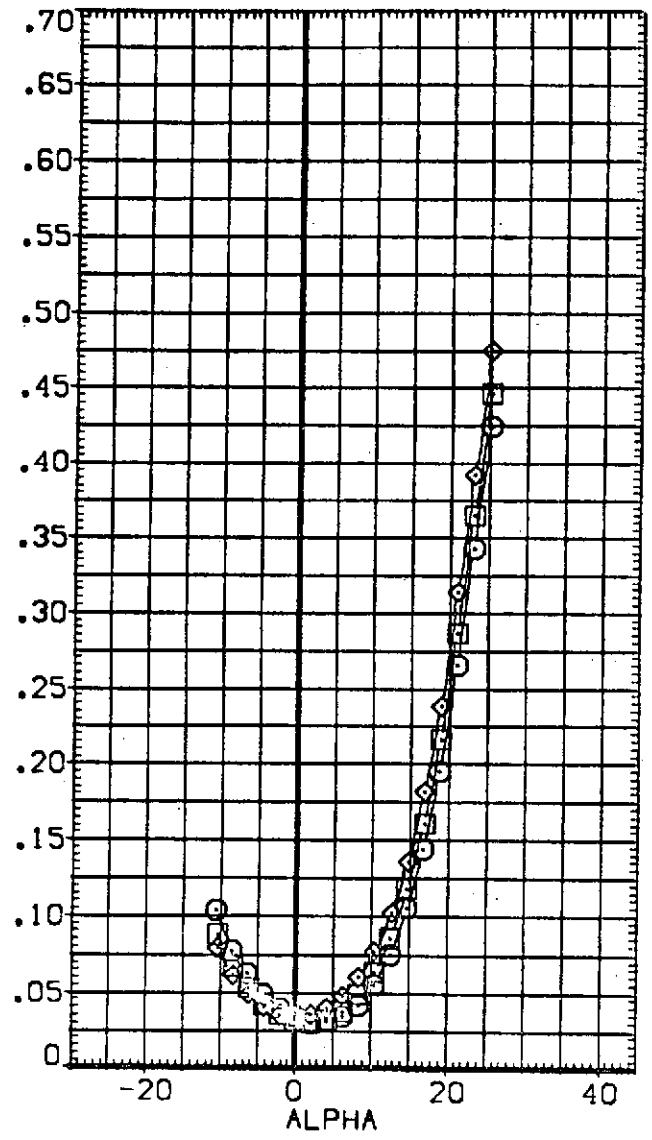


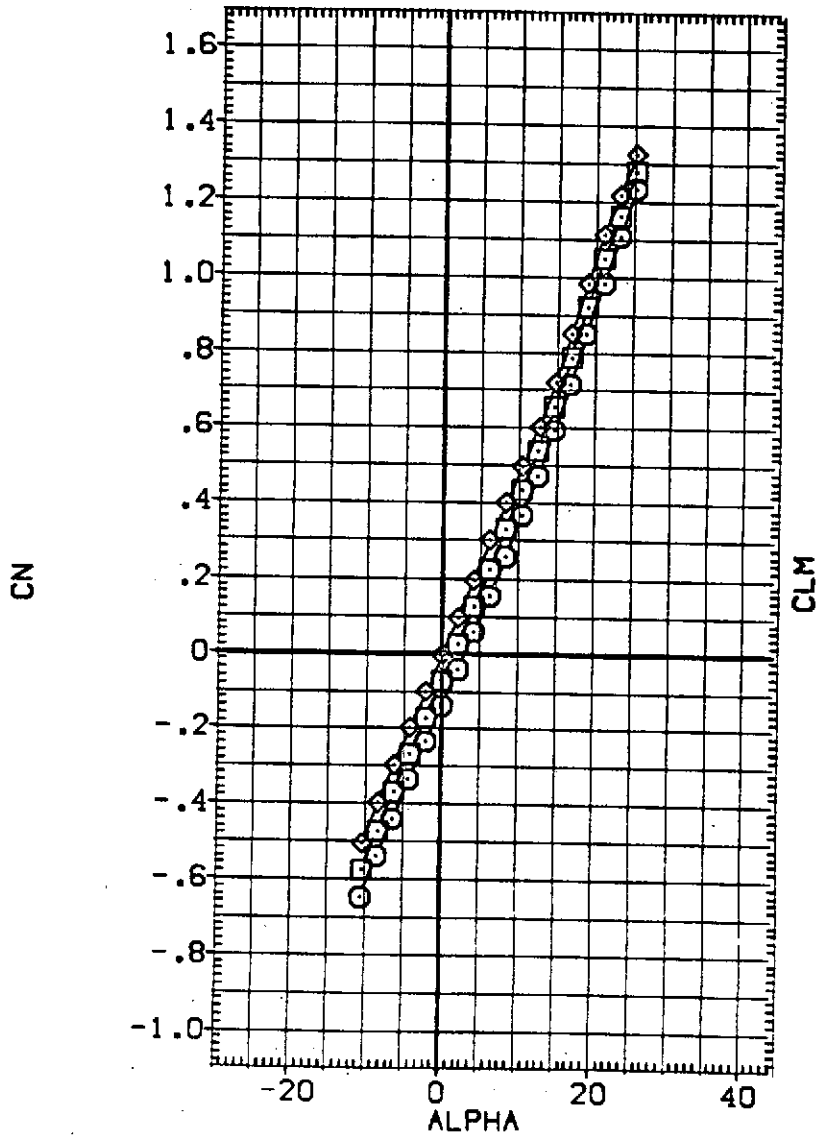
FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6037)	○	0A118 B26C9M7FBW116E43V8R5X9
(BF6018)	□	0A118 B26C9M7FBW116E43V8R5X9
(BF6039)	◇	0A118 B26C9M7FBW116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	.000	.000	-10.000
.000	.000	.000	.000
10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



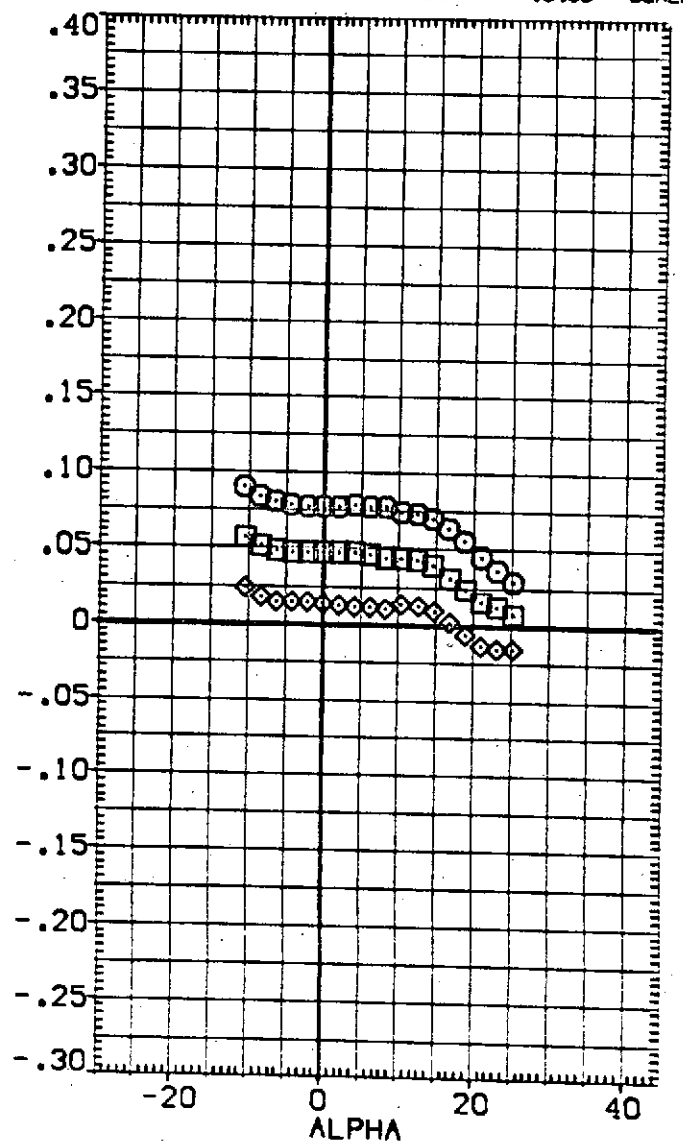


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6037)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6039)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	.000	.000	-10.000
.000	.000	.000	.000
10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

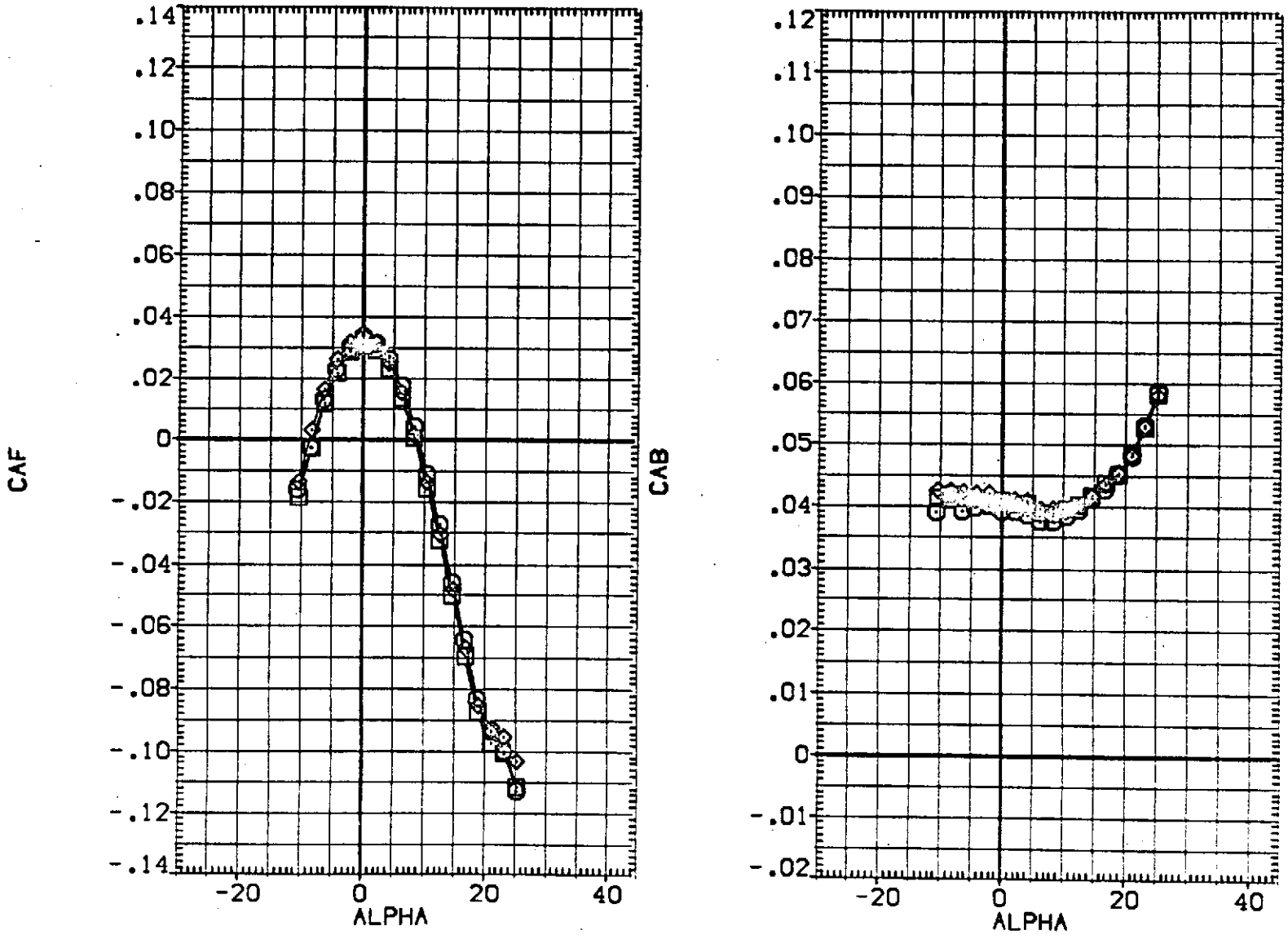


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6037)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6039)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	.000	.000	-10.000
.000	.000	.000	.000
10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

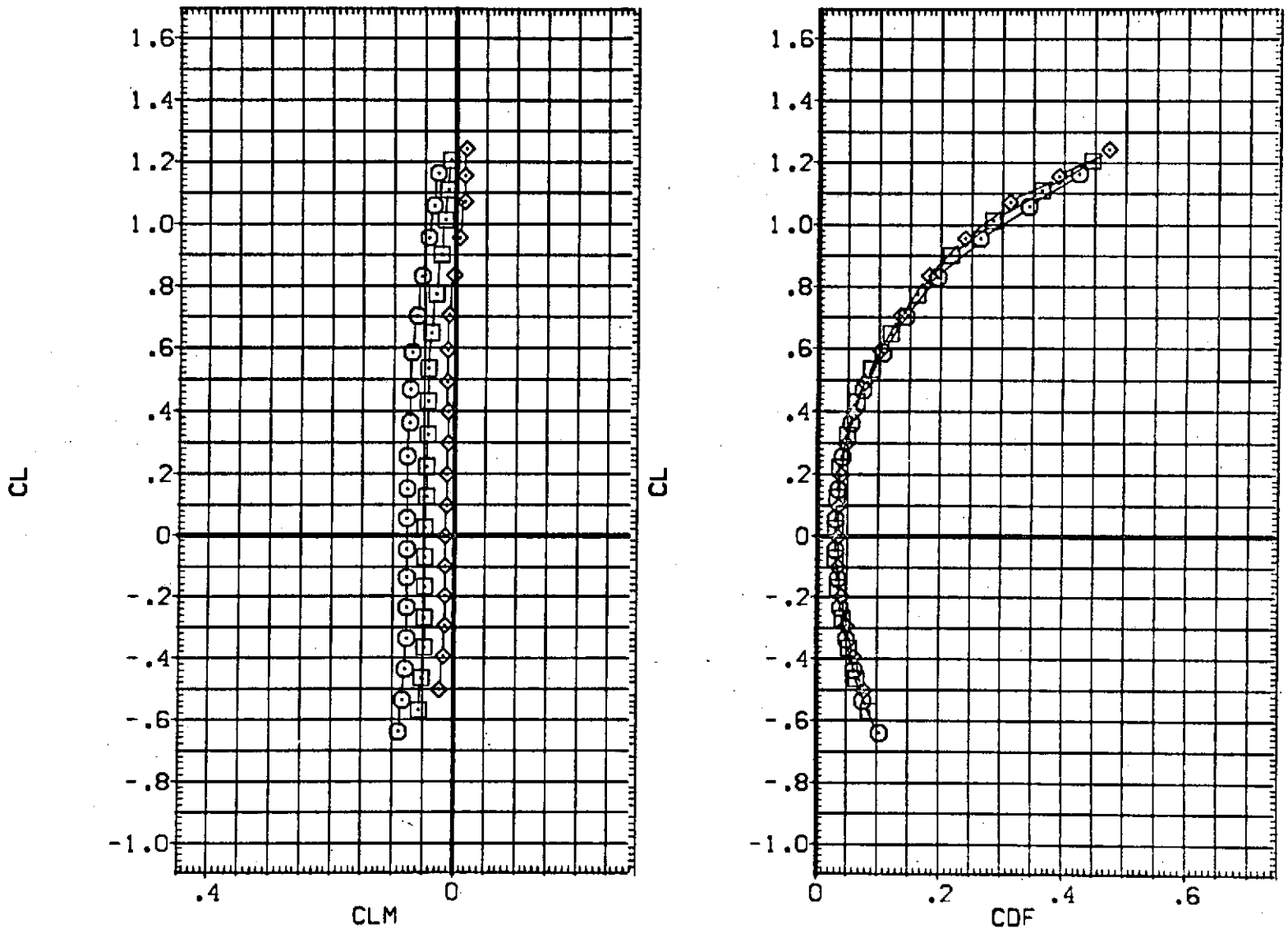


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6037)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6039)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	.000	.000	-10.000
.000	.000	.000	.000
10.000	.000	.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

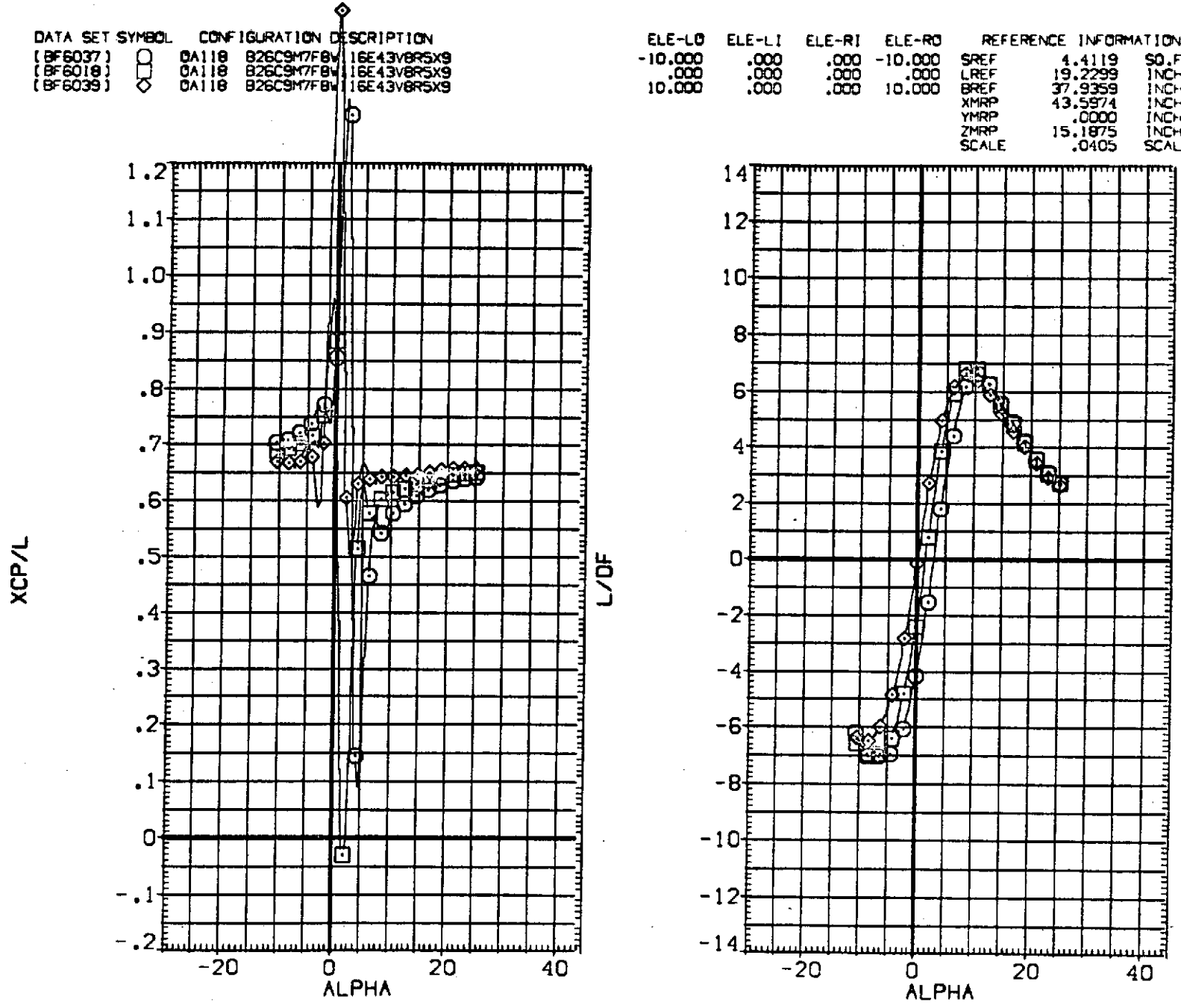


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	-10.000	SPOBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

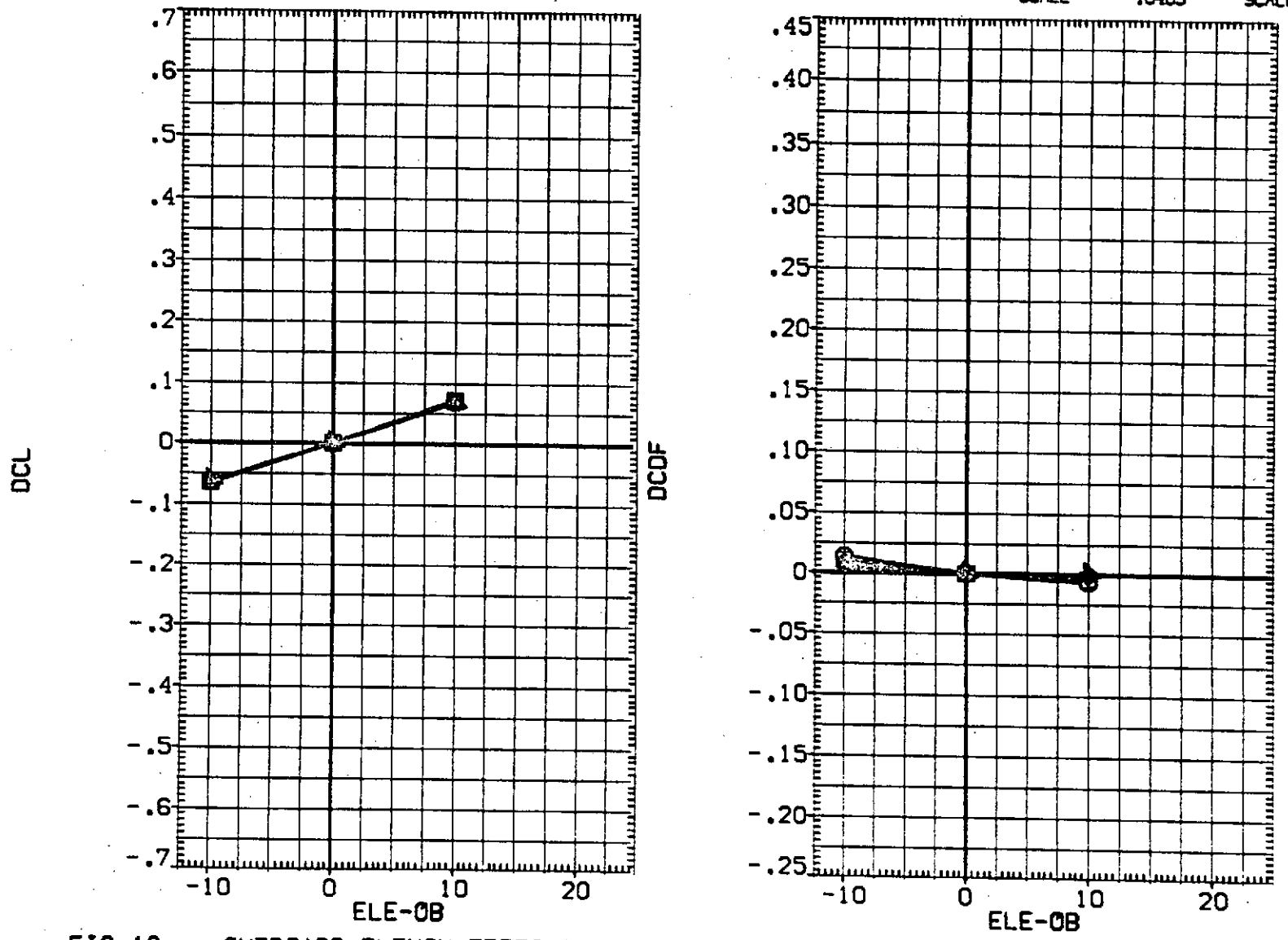


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	-10.000	SPOBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

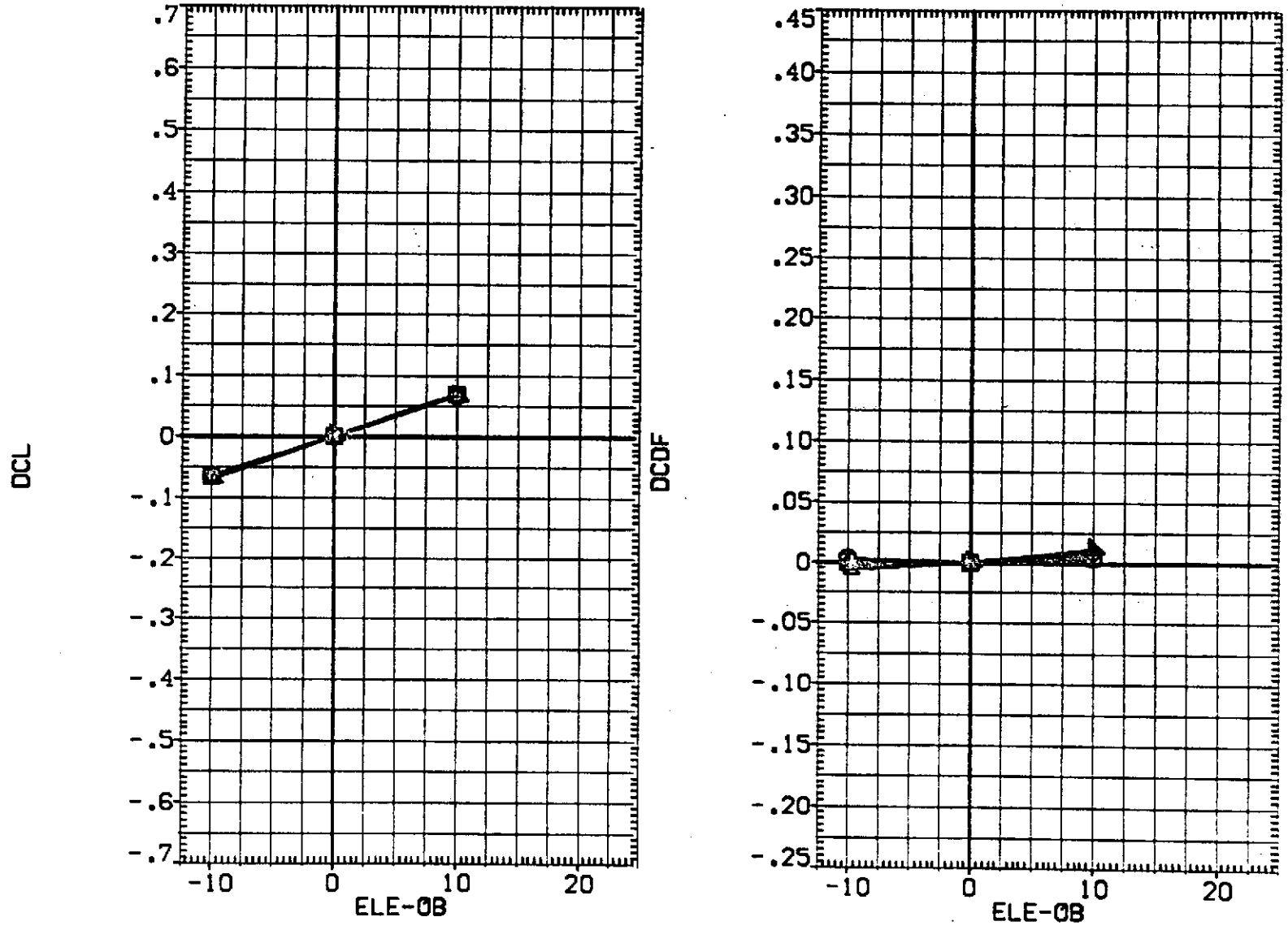


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	-10.000	SPOBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

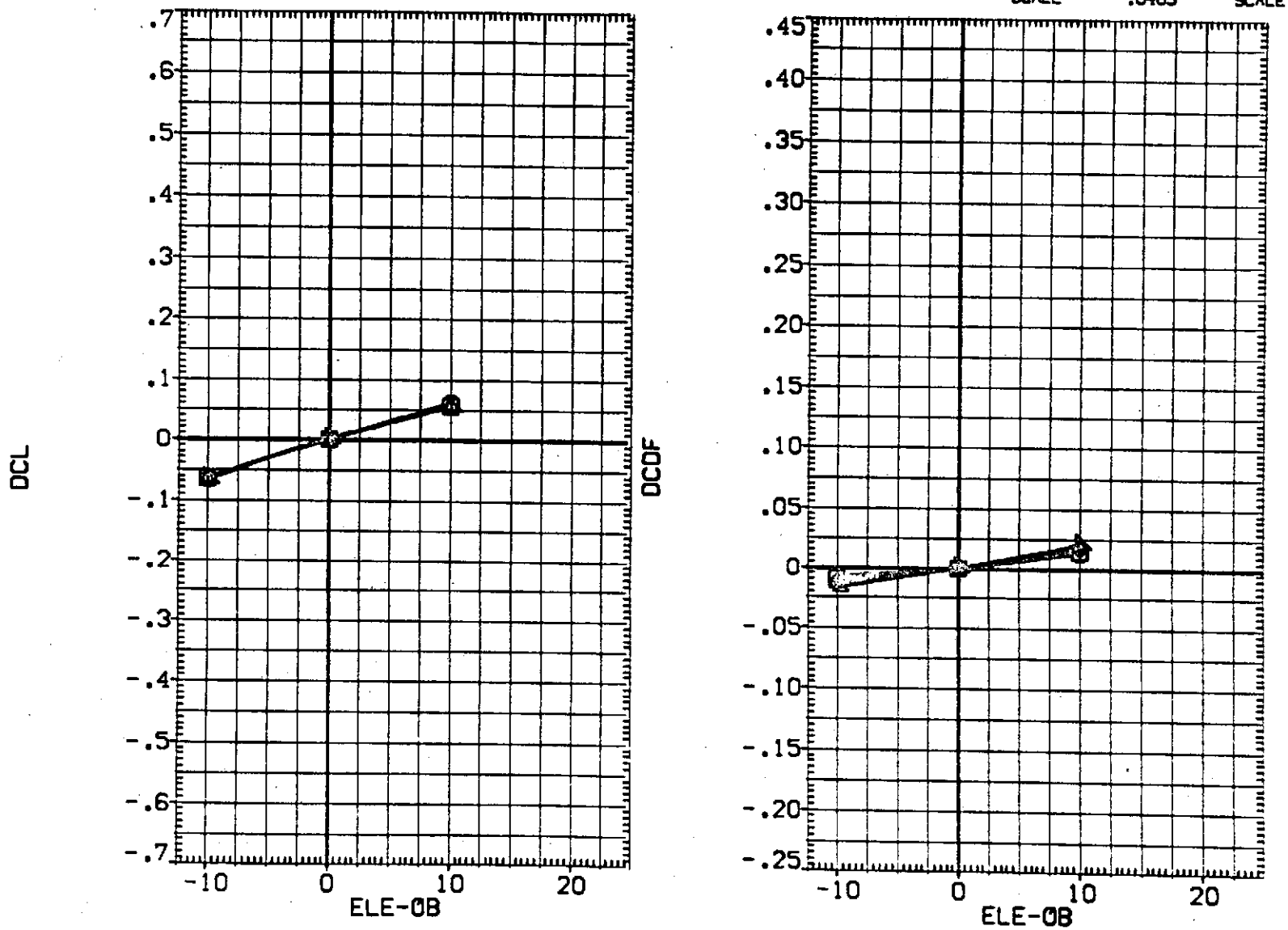


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-L1	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	-10.000	ELE-R1	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	-10.000	SPDBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

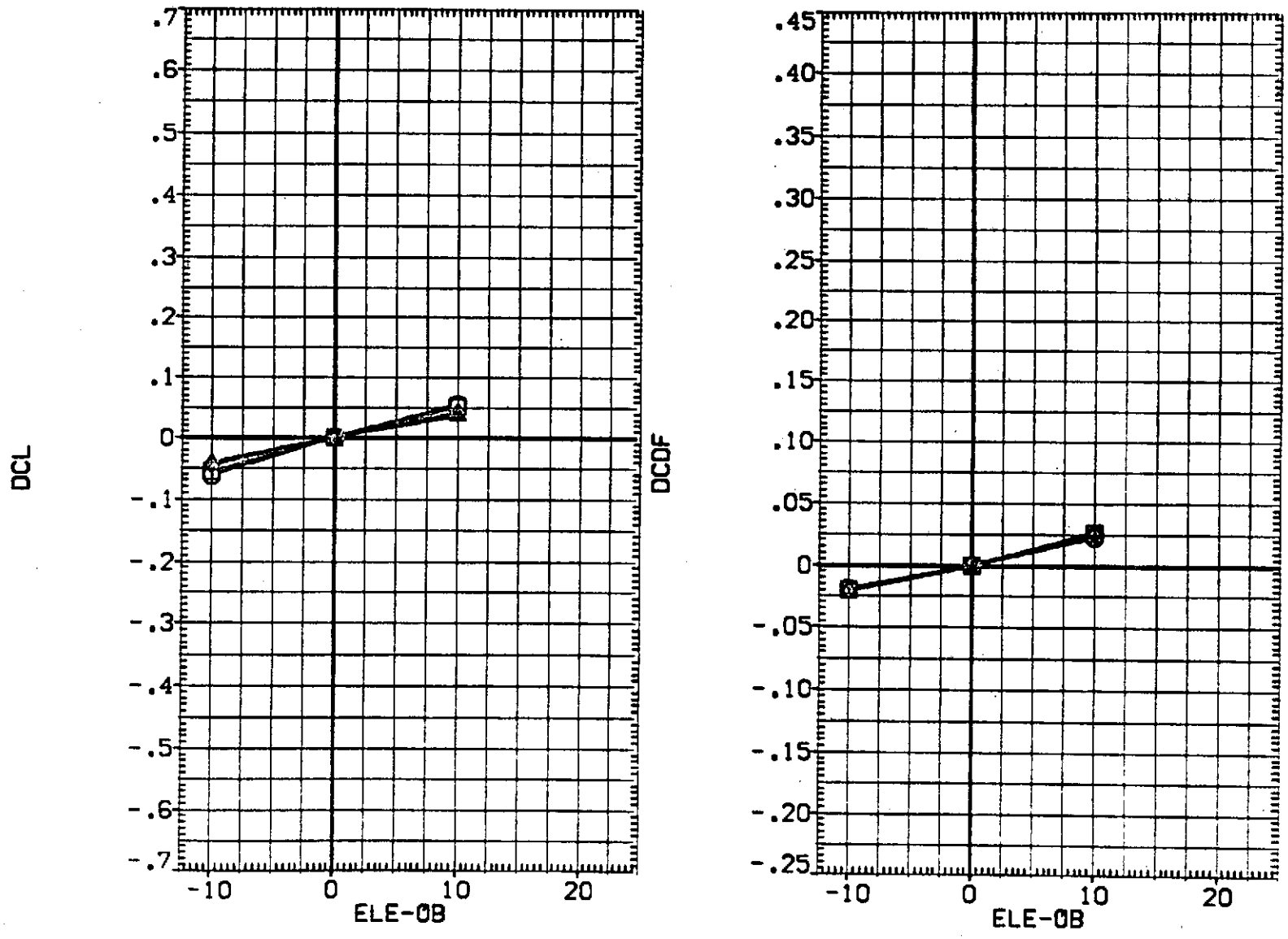
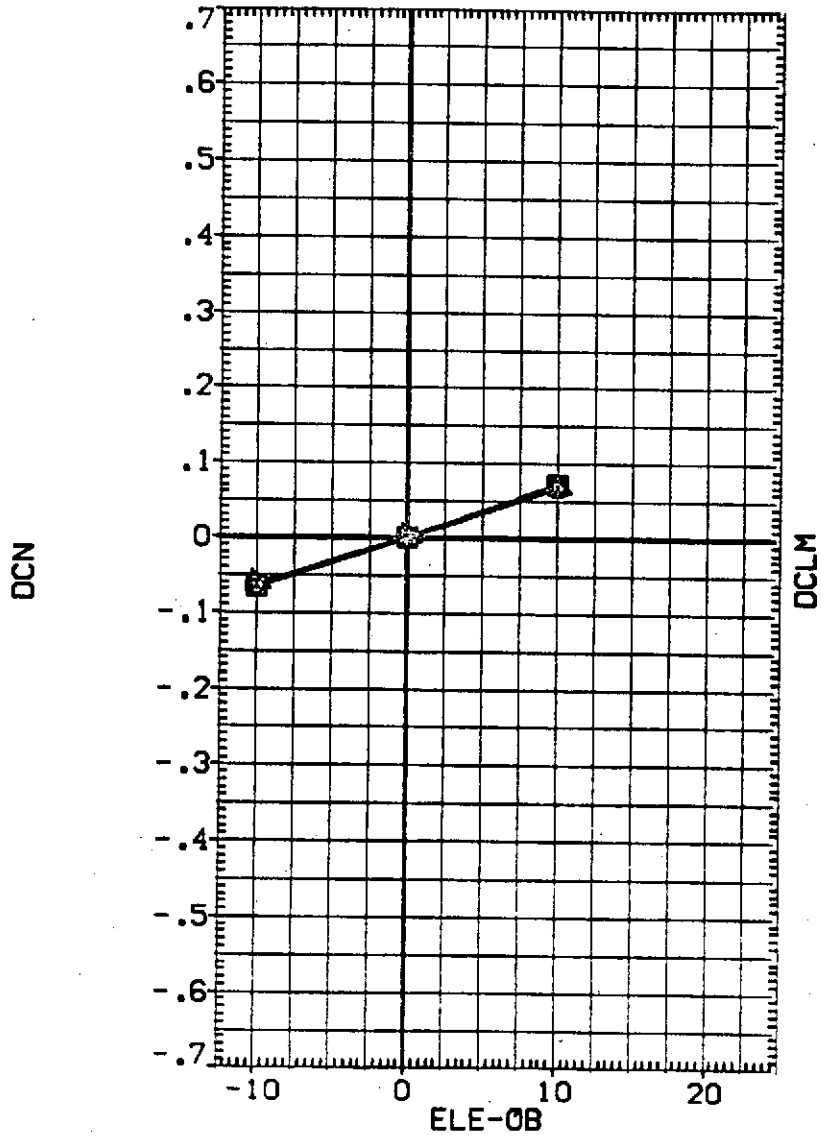


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	-10.000	SPOBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



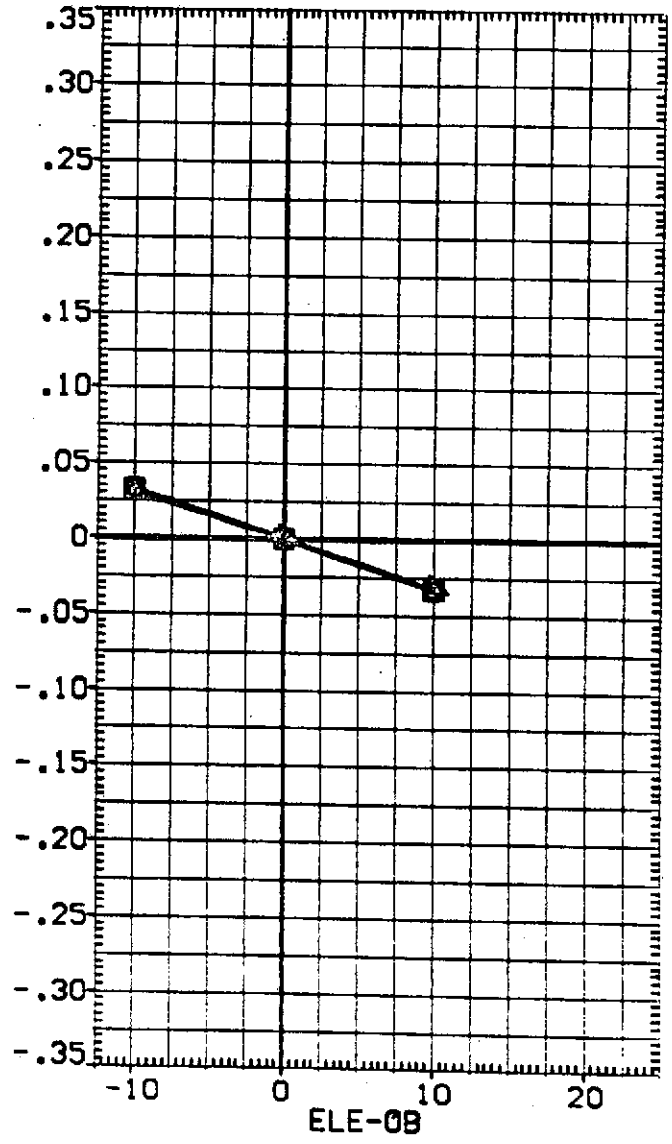


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	-10.000	SPOBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

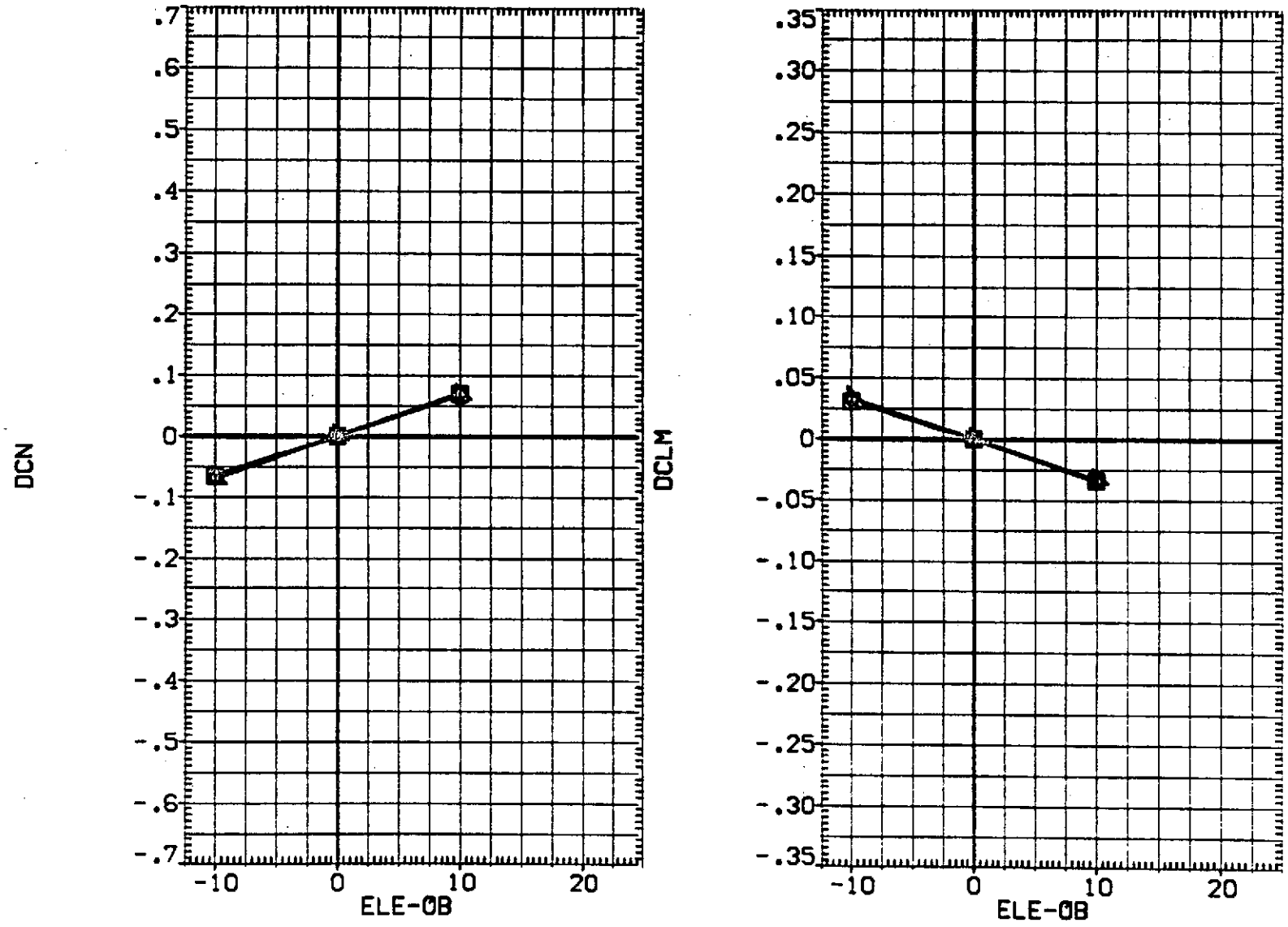
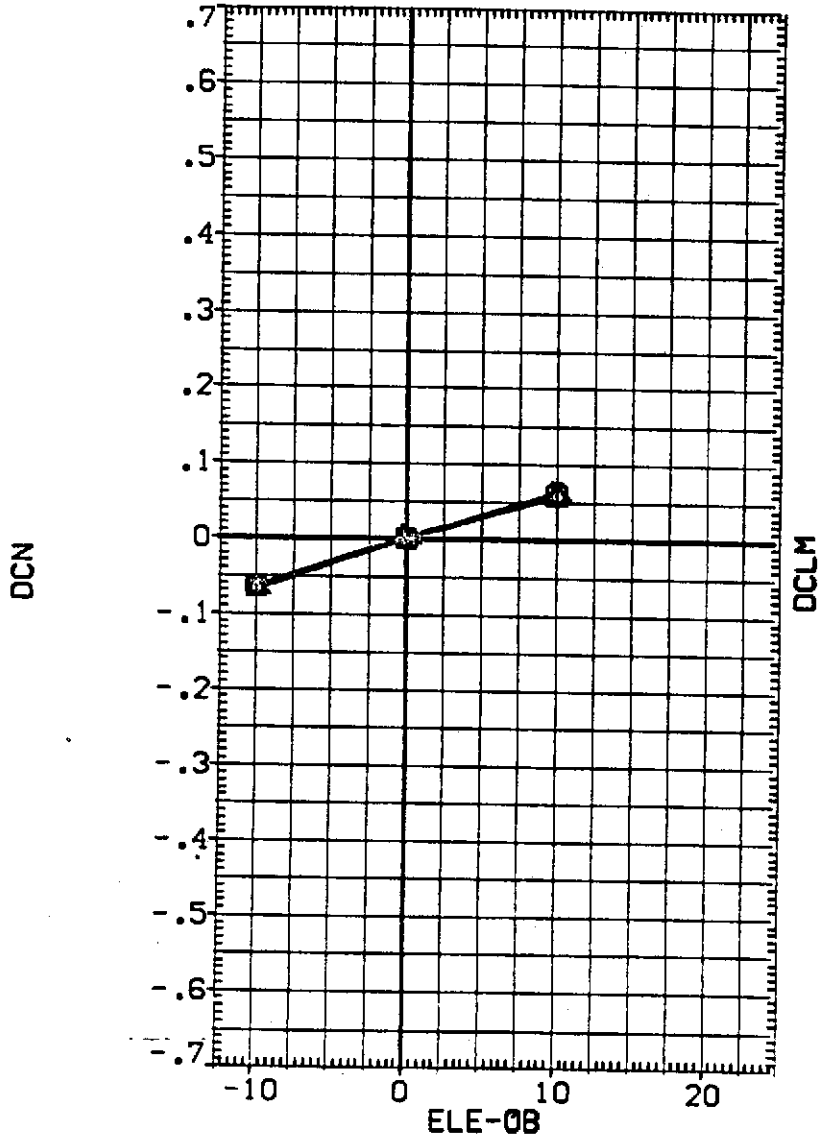


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-L1	.000	DATASET	ELE-0B	DATASET	ELE-0B	SREF	4.4119	SQ.FT.
□	12.000	ELE-L0	-10.000	ELE-R1	.000	FF6037	-10.000	FF6018	.000	LREF	19.2299	INCHES
◇	14.000	ELE-R0	-10.000	SPDBRK	25.000	FF6039	10.000			BREF	37.9359	INCHES
△	16.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	18.000	AIL-0B	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



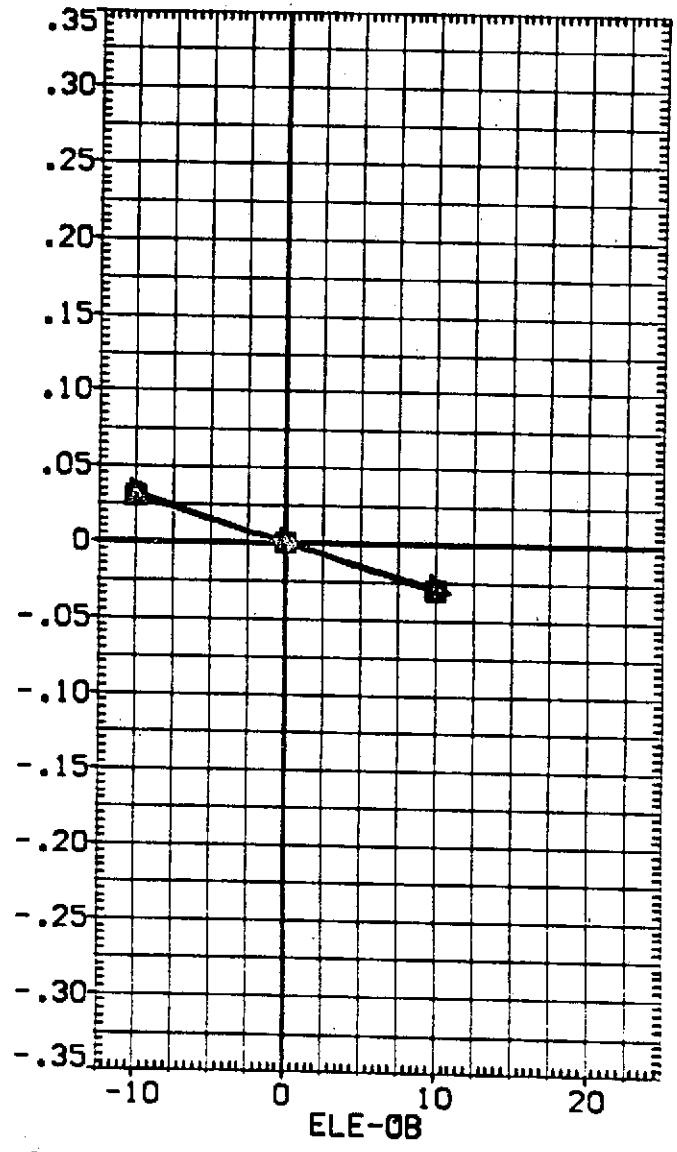


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6037)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	-10.000	ELE-RI	.000	FF6037	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	24.000	ELE-RO	-10.000	SPDBRK	25.000	FF6039	10.000				BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

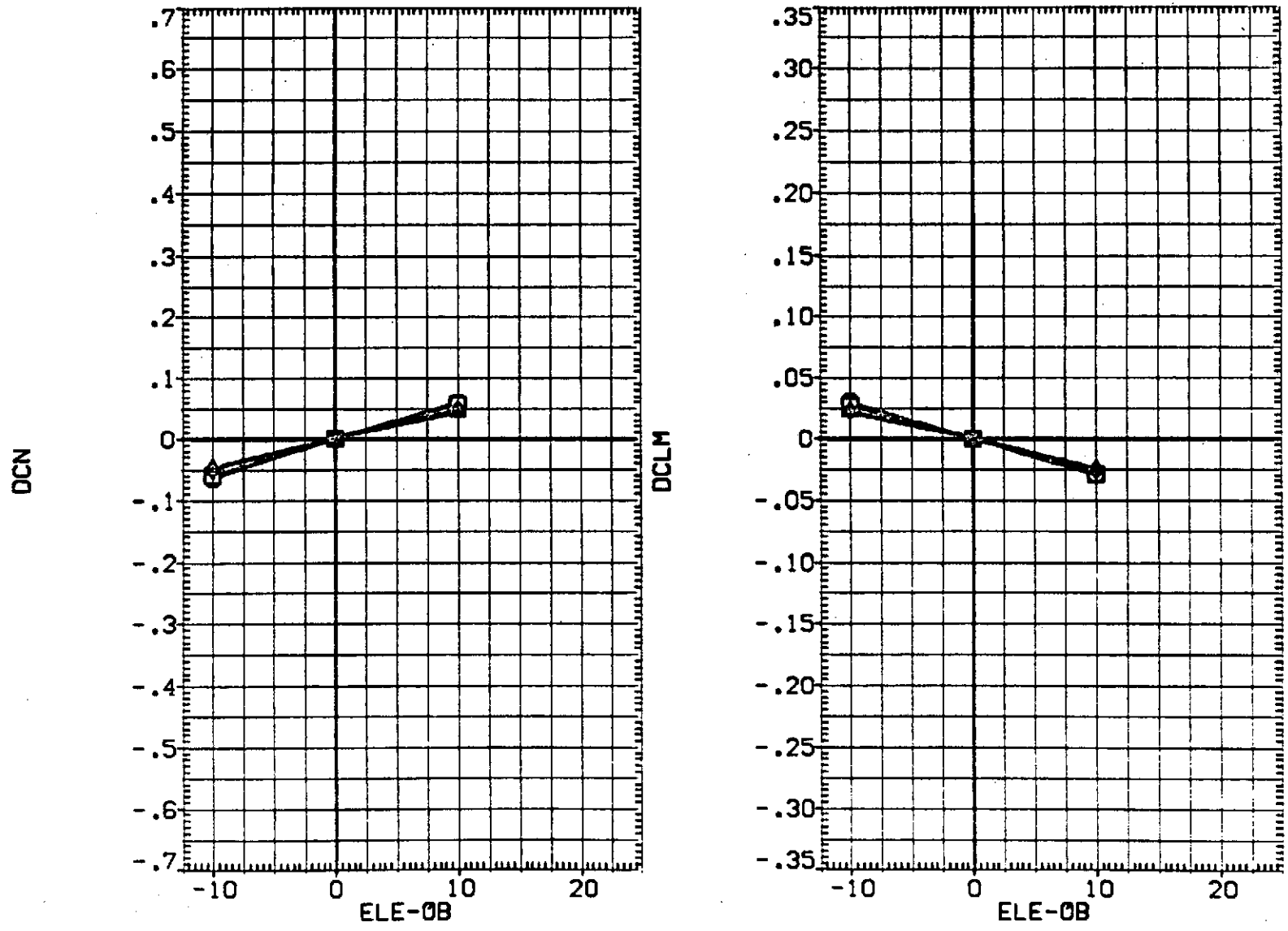


FIG 18 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF6018)	○	0A11B B26C9M7F8V116E43V8R5X9
(RF6040)	□	0A11B B26C9M7F8V116E43V8R5X9
(RF6038)	◇	0A11B B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	.000	.000	.000
5.000	.000	.000	-5.000
10.000	.000	.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

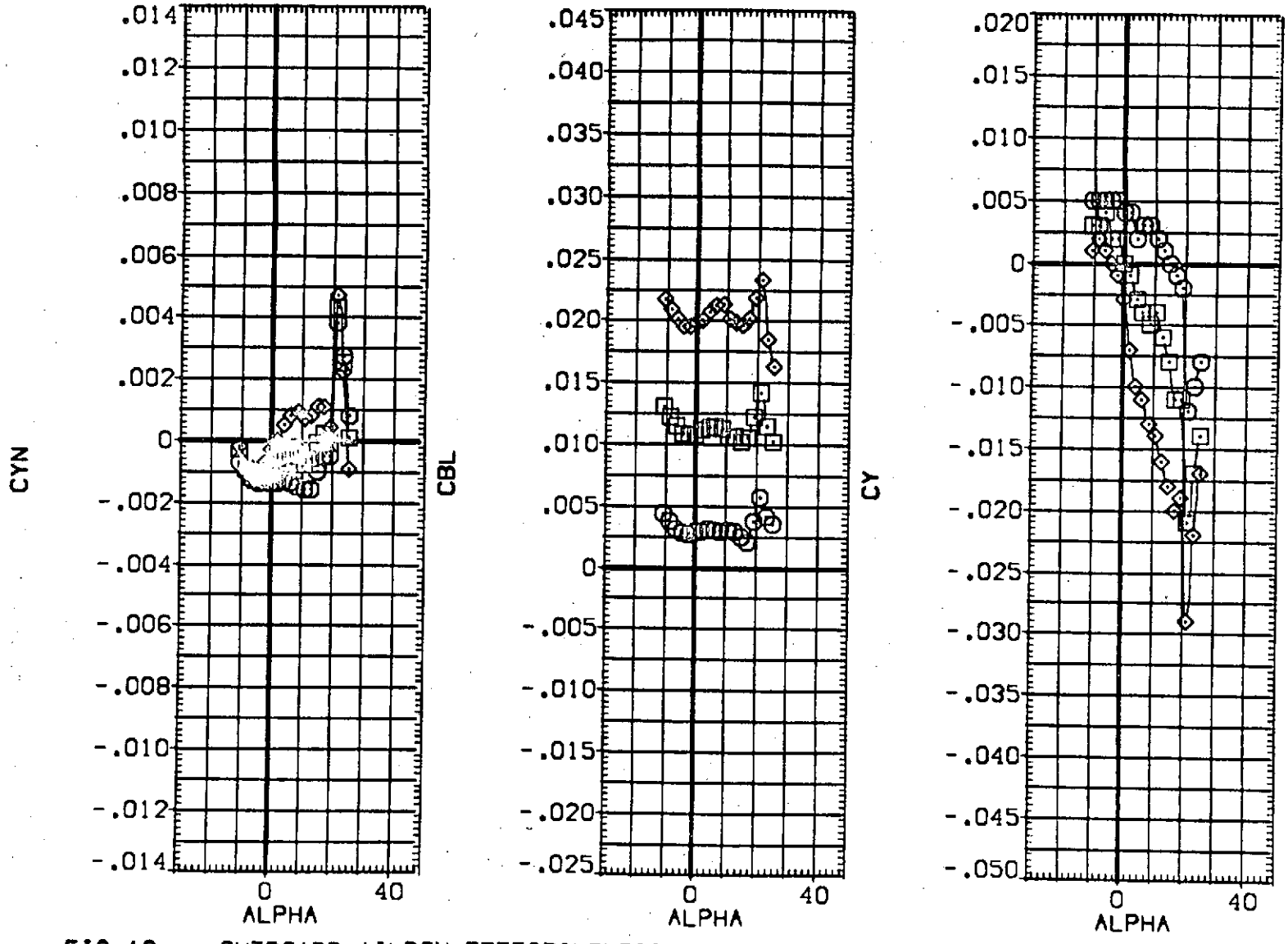


FIG 19 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6018)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	.000	DATASET	AIL-0B		DATASET	AIL-0B	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	.000	FF6018	.000		FF6040	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPDBRK	25.000	FF6038	10.000				BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	-2.000	ELE-0B	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

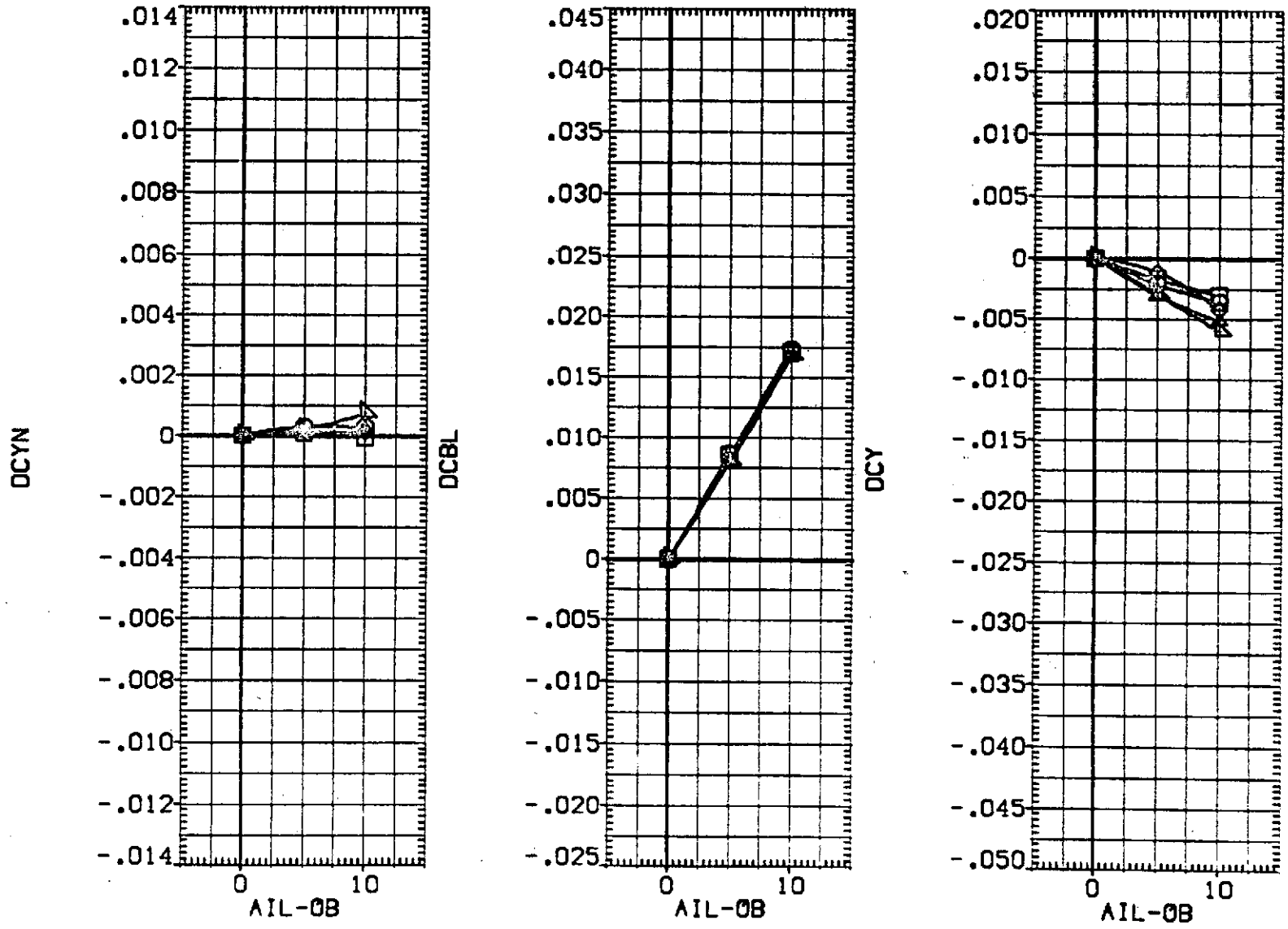


FIG 19 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6018)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	.000	FF6018	.000	FF6040	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPOBRK	25.000	FF6038	10.000			BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	8.000	ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

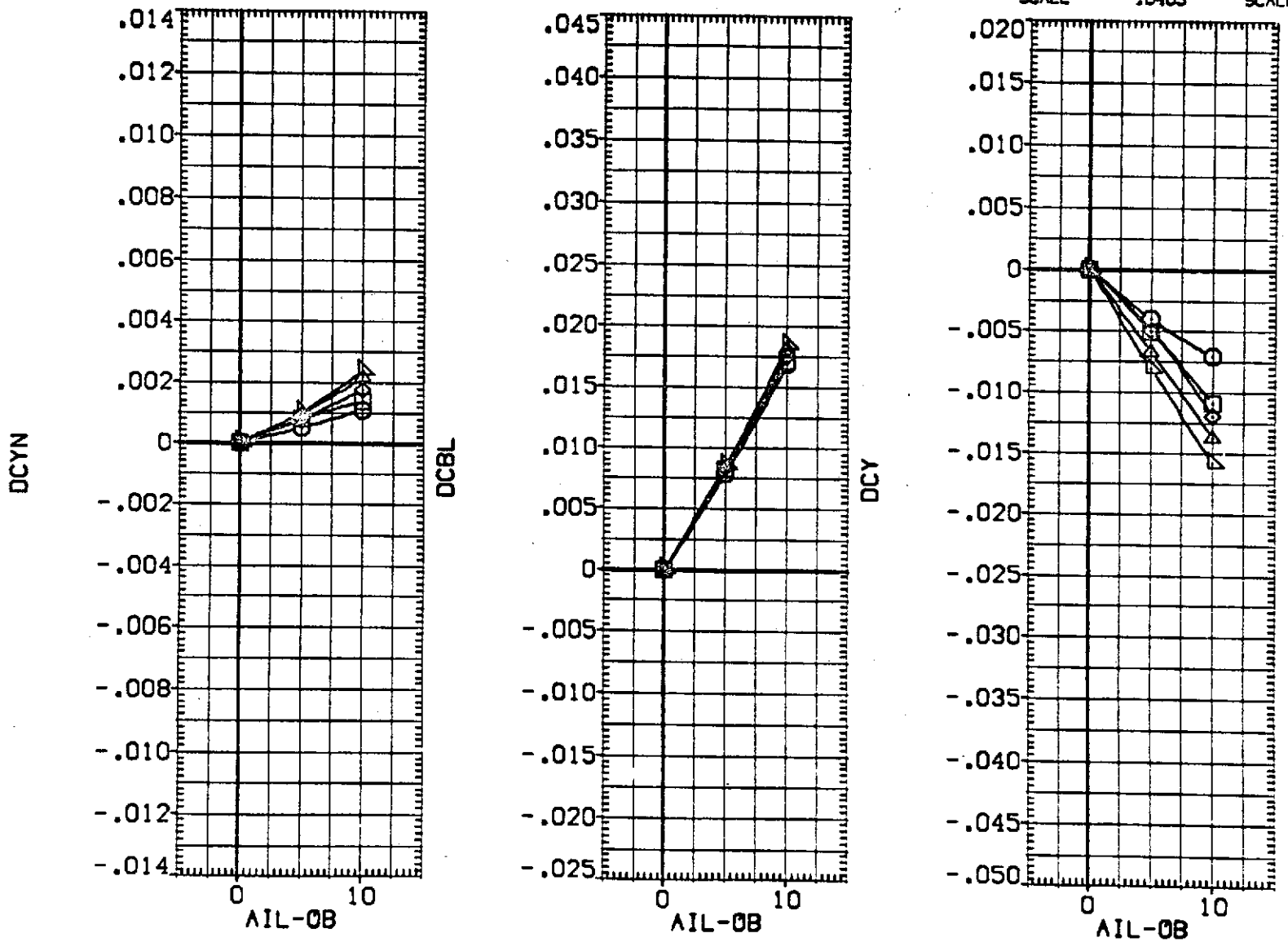


FIG 19 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6018)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	.000	DATASET	AIL-OB		DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-RI	.000	FF6018	.000		FF6040	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	FF6038	10.000				BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	18.000	ELE-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

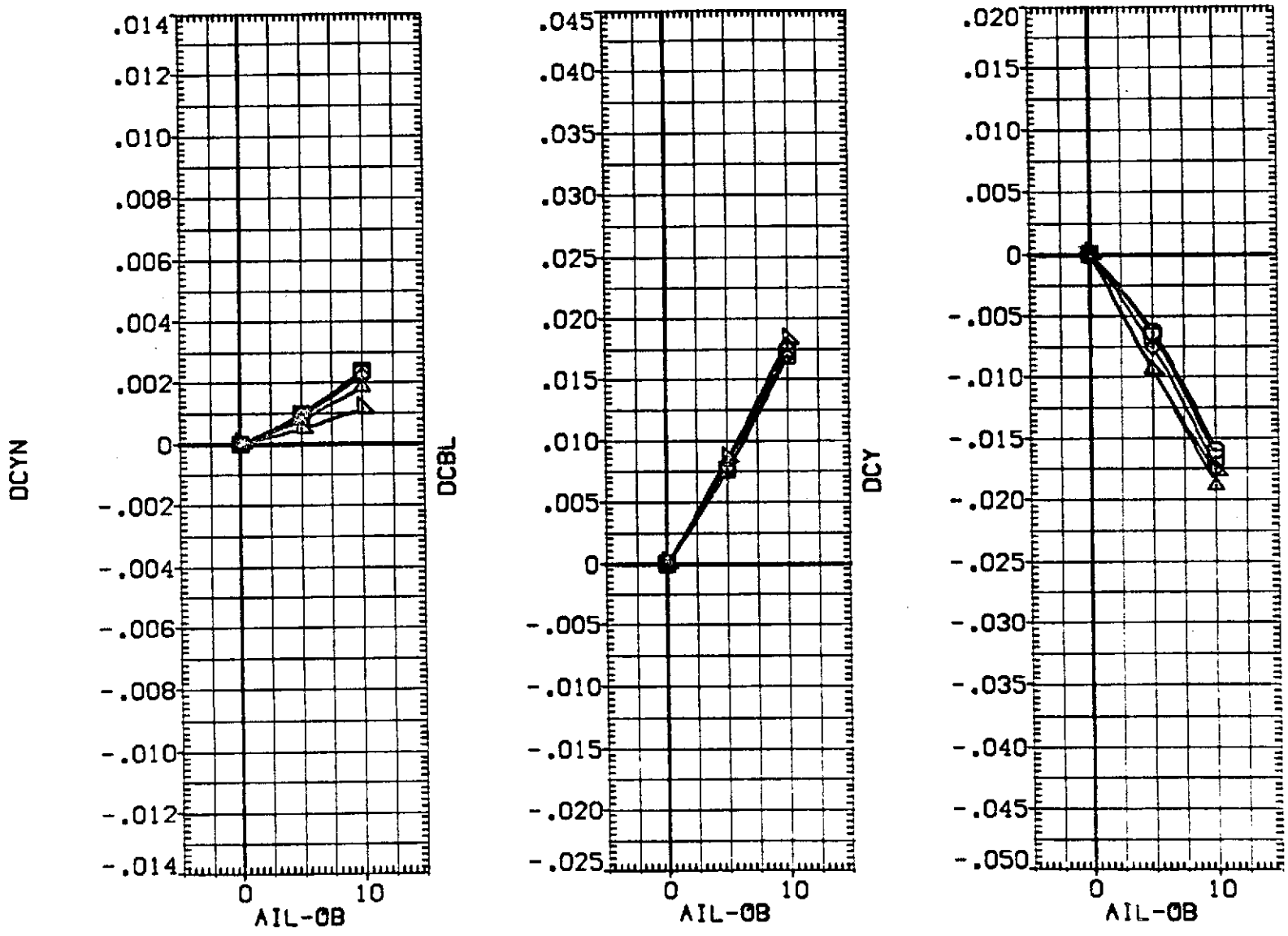


FIG 19 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6018)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	.000	DATASET	AIL-0B	DATASET	AIL-0B	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	.000	FF6018	.000	FF6040	5.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPDBRK	25.000	FF6038	10.000			BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

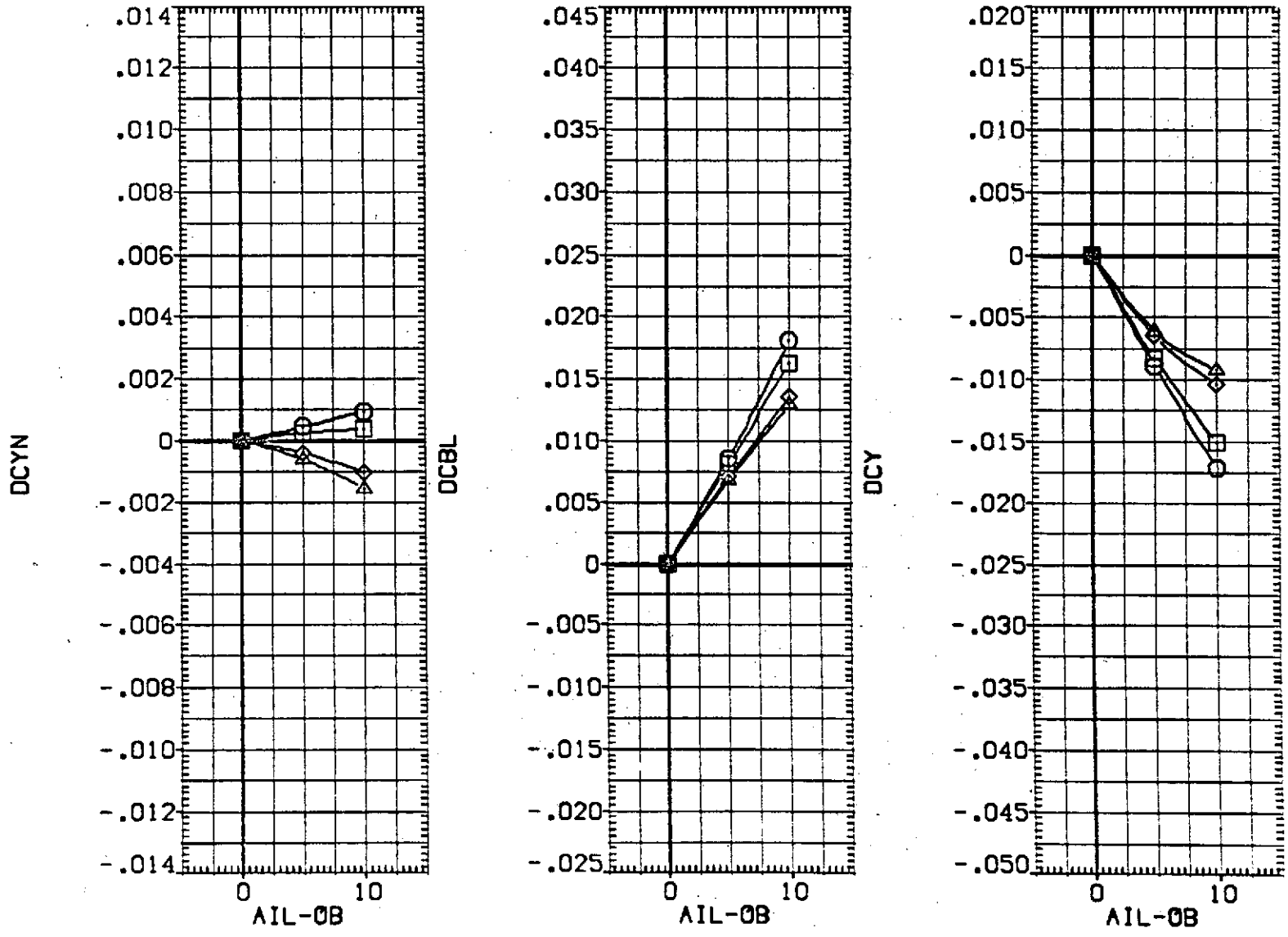


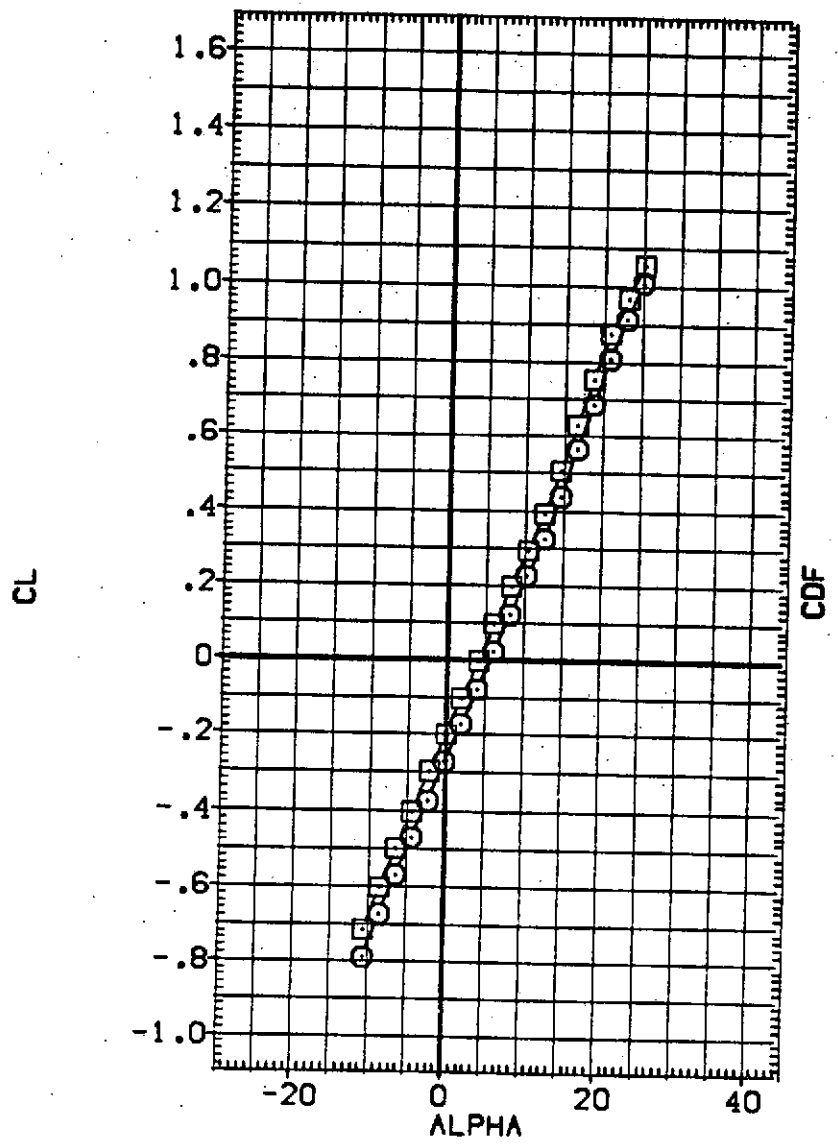
FIG 19 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 0 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6025)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6043)	□	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
.000	-10.000	-10.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



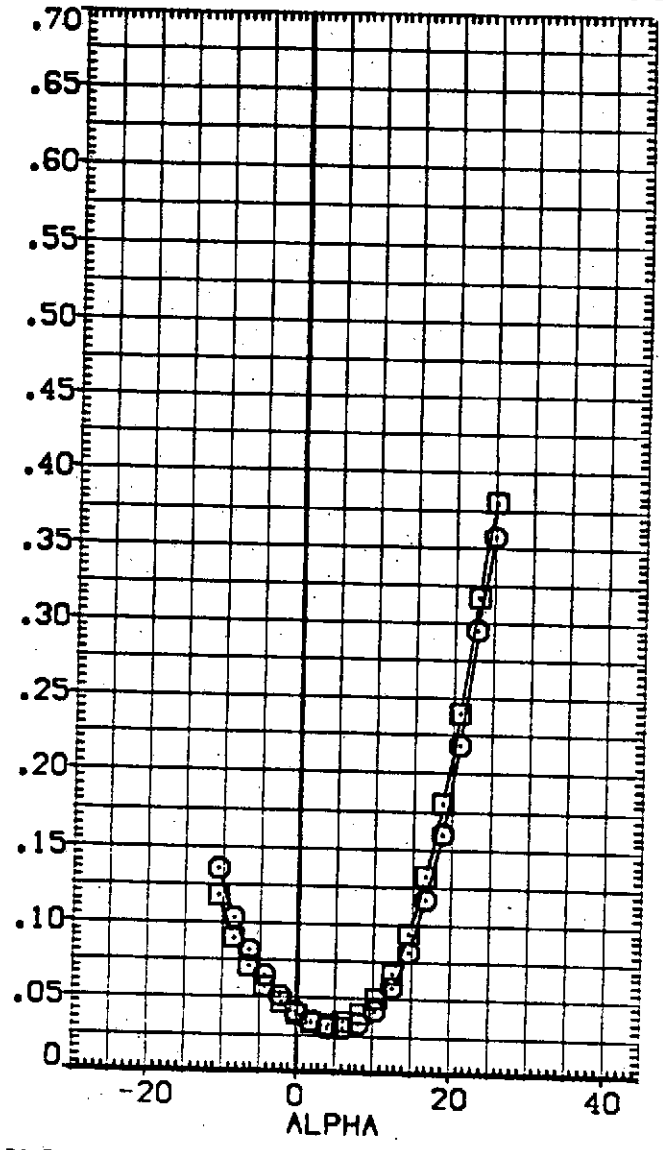


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

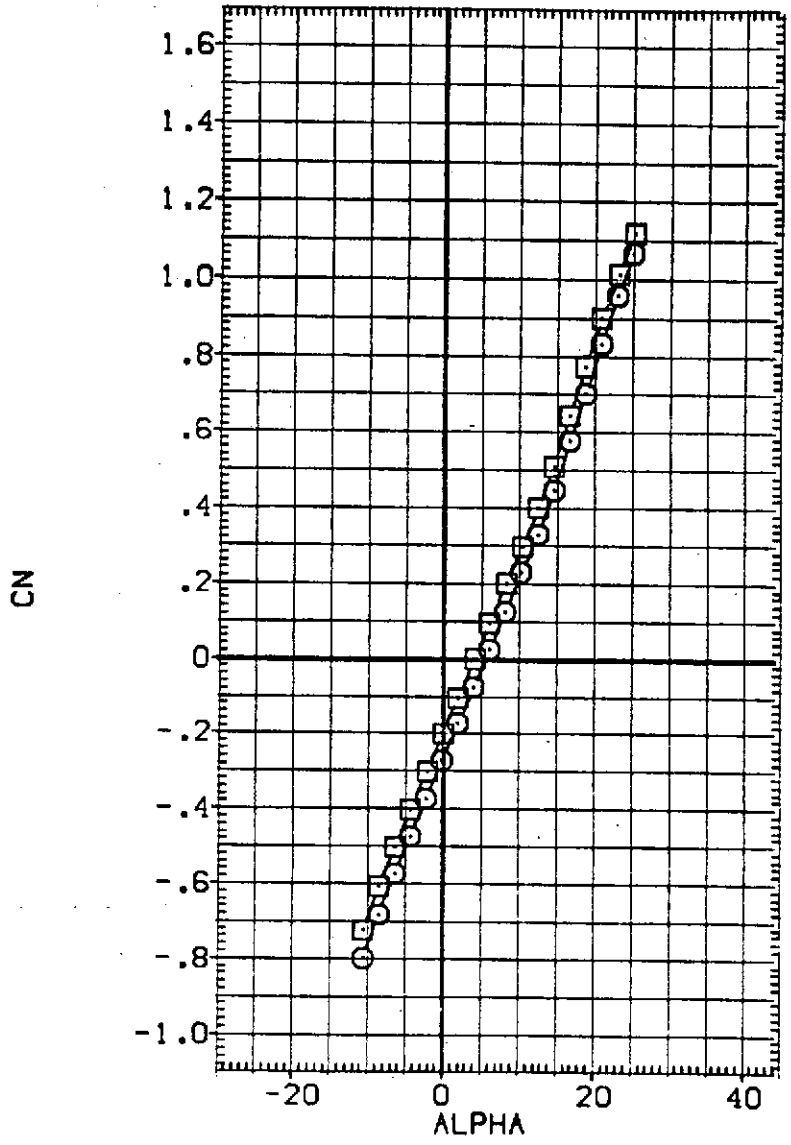
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6025)	○	0A118 B26C9M7FBV116E43VBR5X9
(BF6043)	□	0A118 B26C9M7FBV116E43VBR5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
.000	-10.000	-10.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



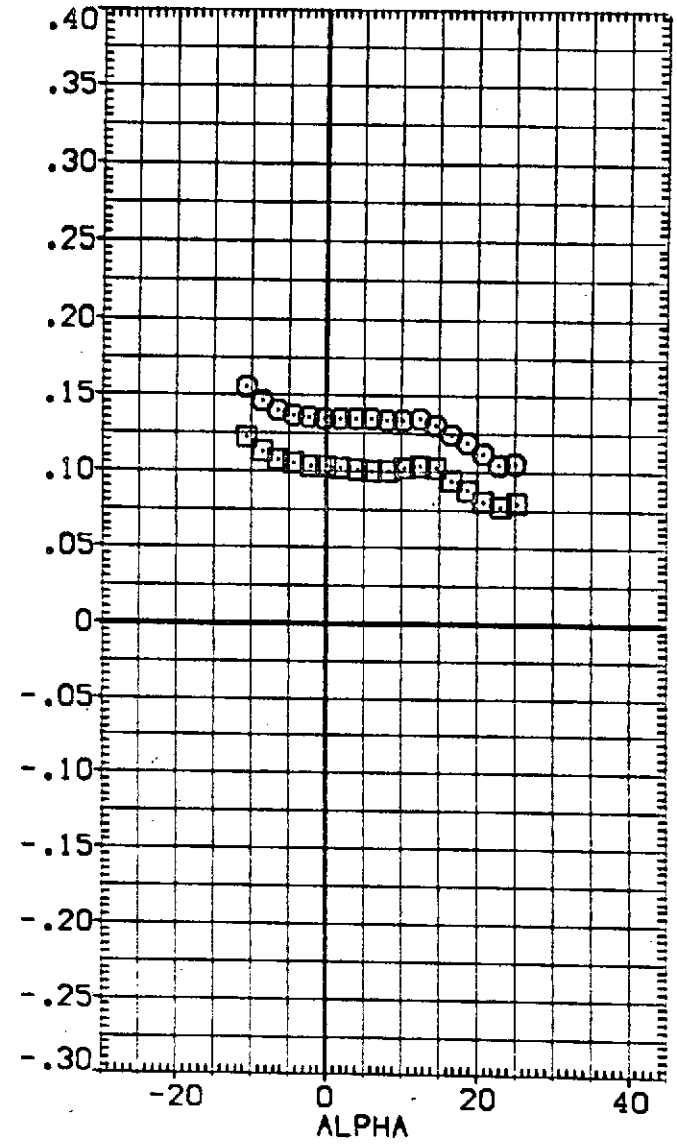


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6025)	○	0A118 B26C9M7F8W116E43V8R5X9	-10.000	-10.000	-10.000	-10.000
(BF6043)	□	0A118 B26C9M7F8W116E43V8R5X9	.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

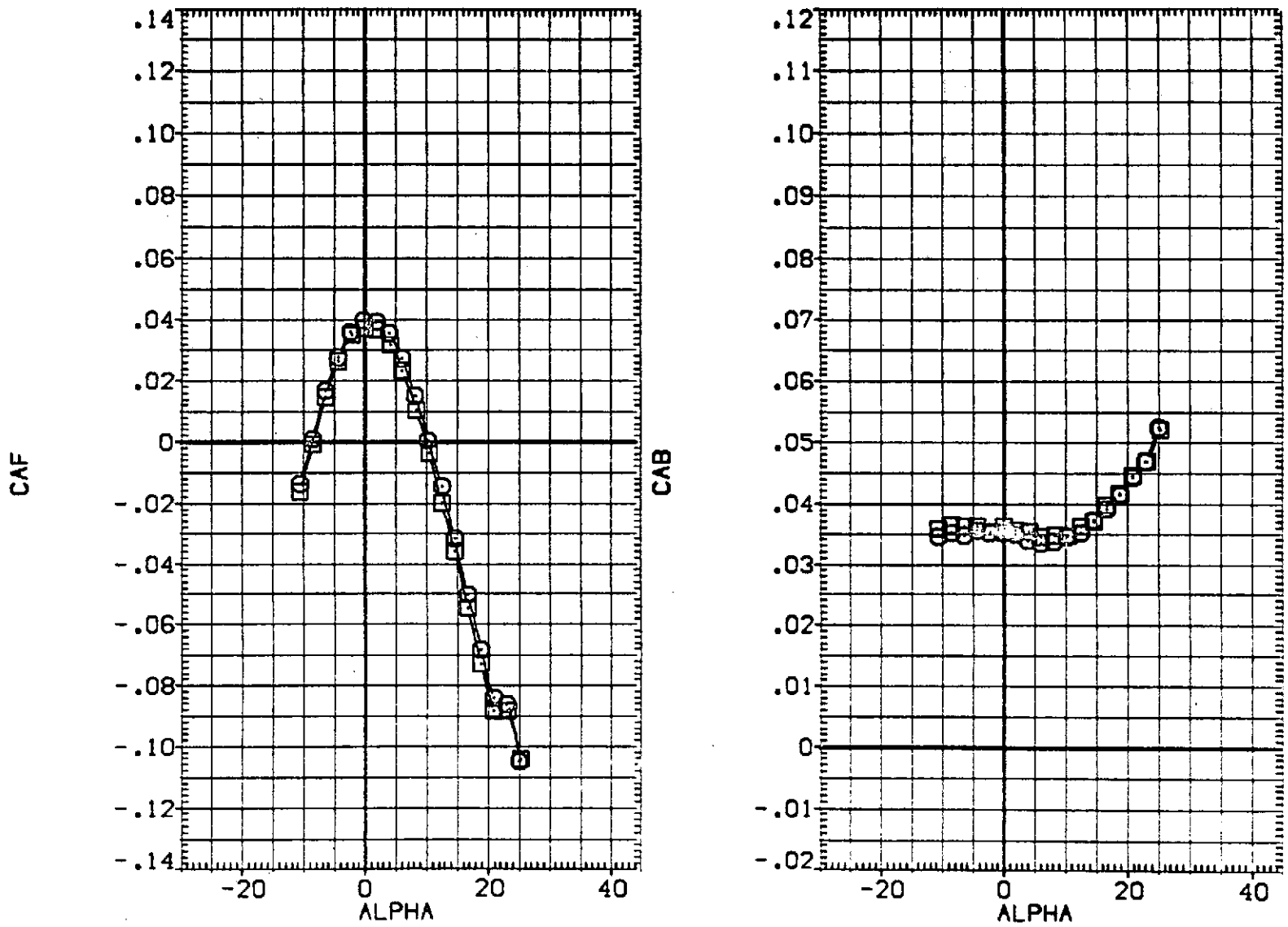


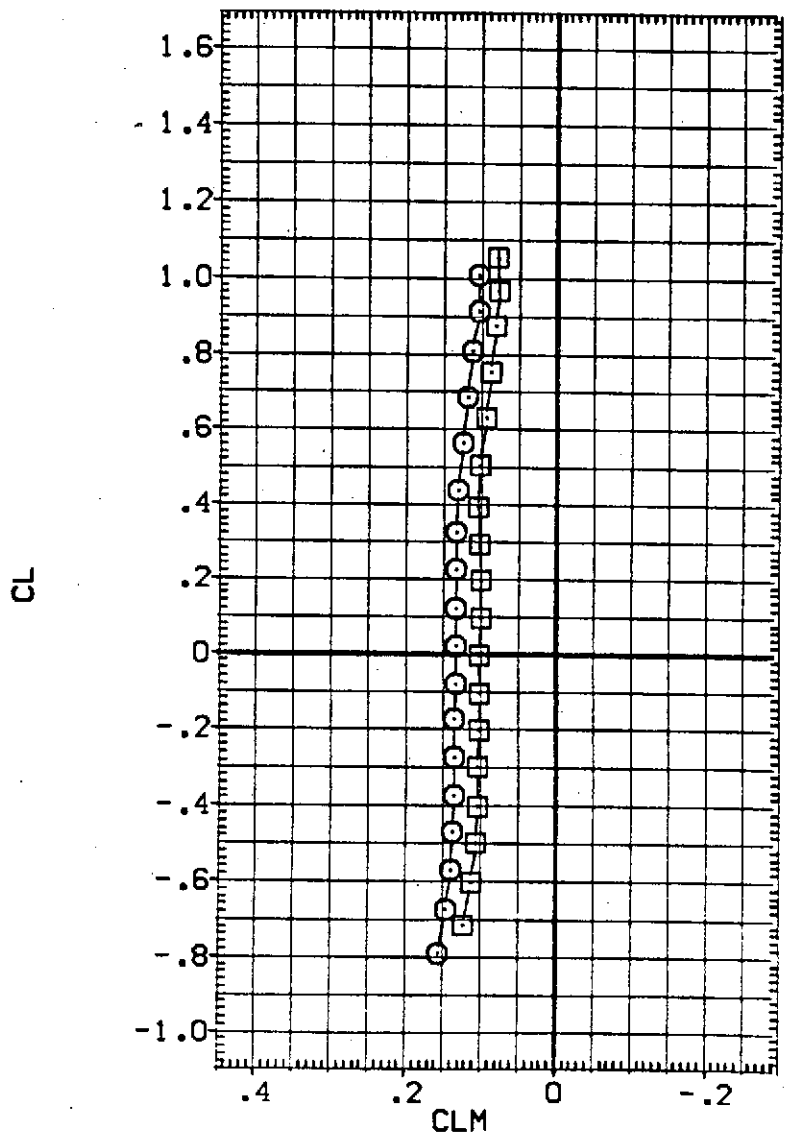
FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6025)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6043)	□	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



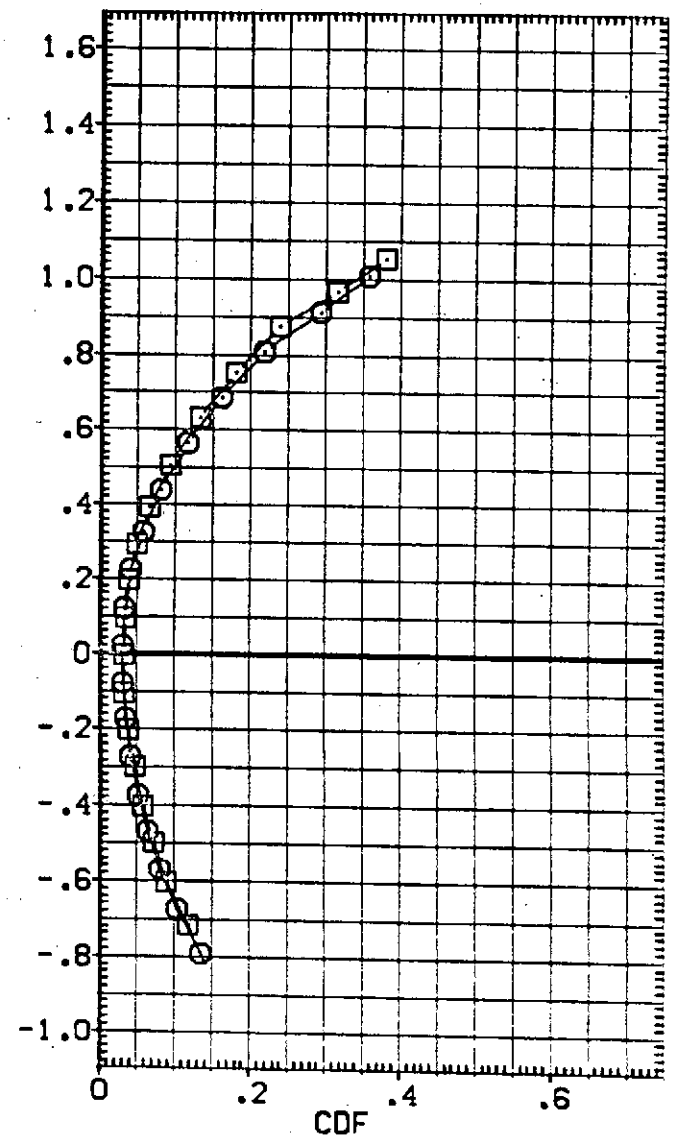


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6025)	○	0A118 B26C9M7F8W1 6E43V8R5X9
(BF6043)	□	0A118 B26C9M7F8W1 6E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
-10.000	-10.000	-10.000	-10.000
.000	-10.000	-10.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

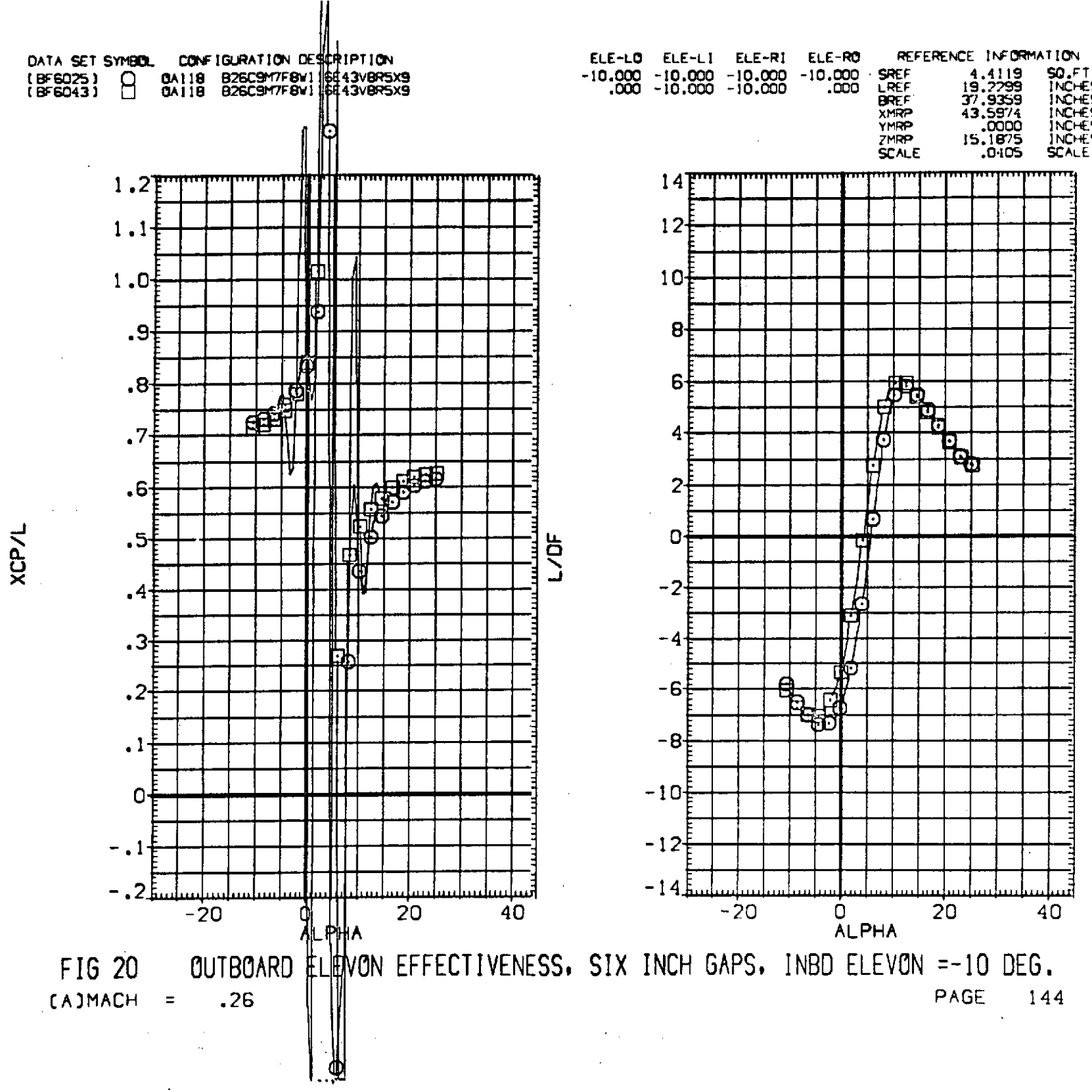
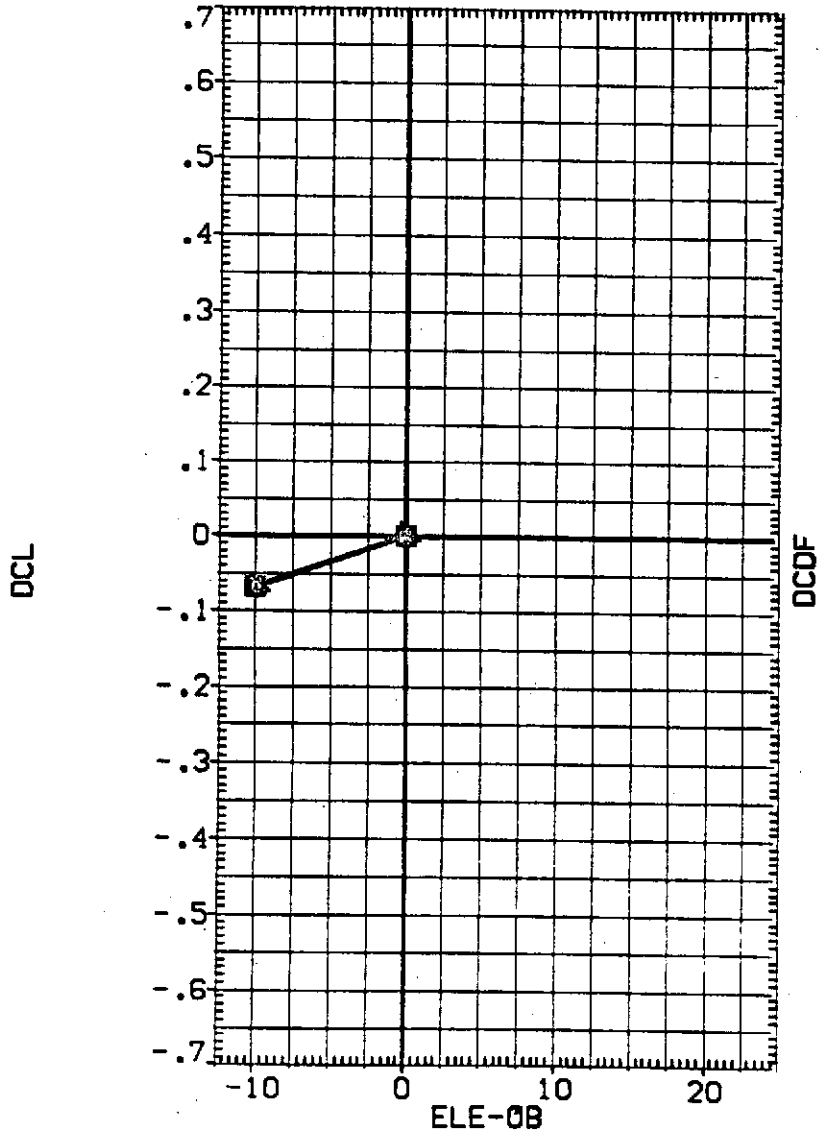


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000		LREF	19.2299	INCHES
◇	-6.000	ELE-RO	-10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◿	-2.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



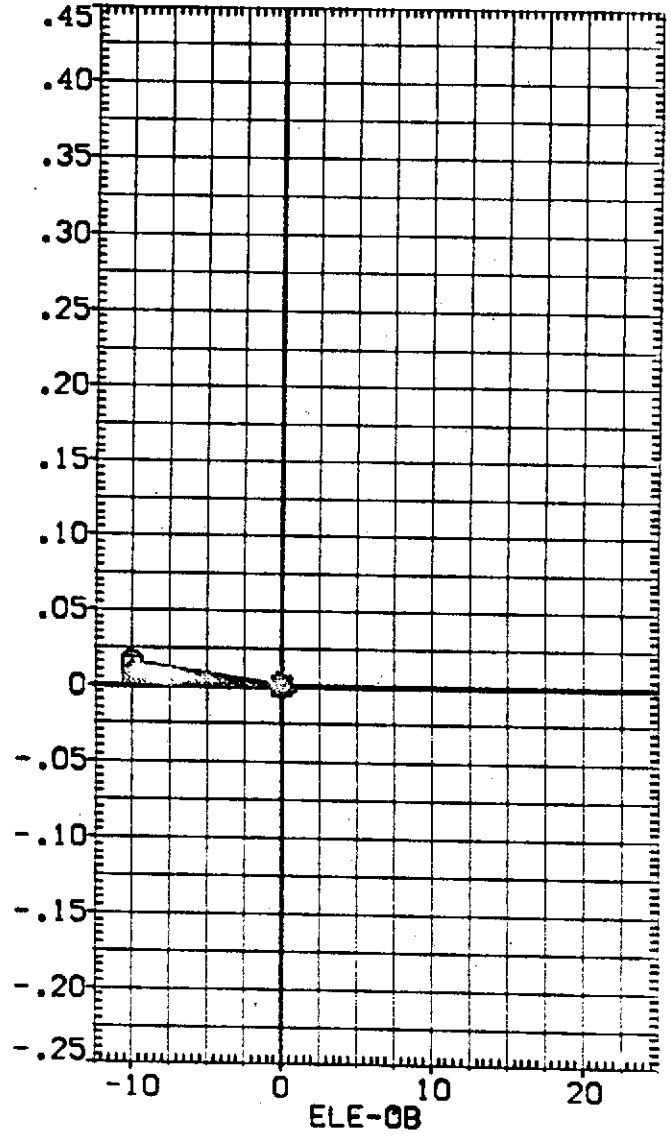


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	-10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

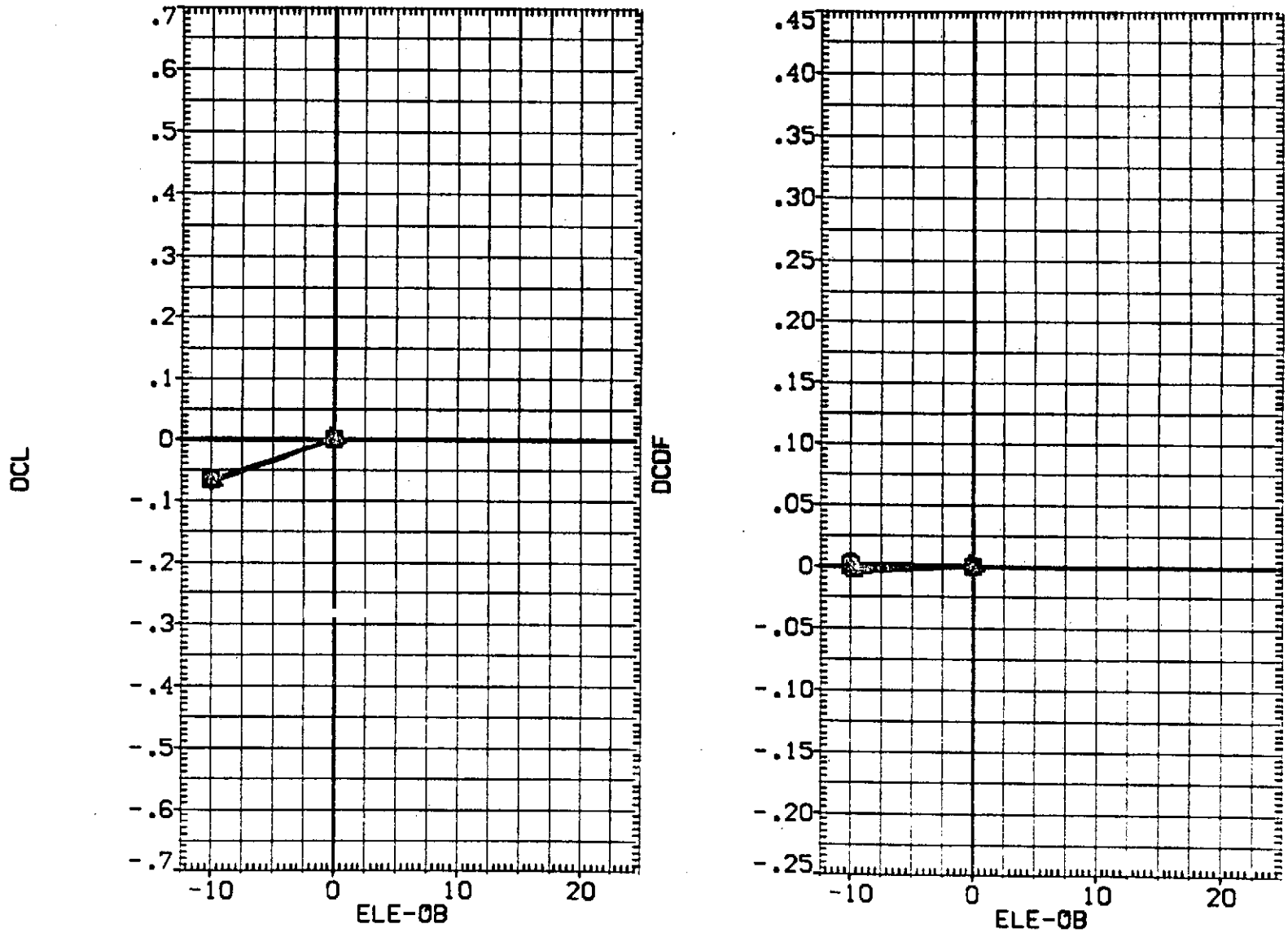


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

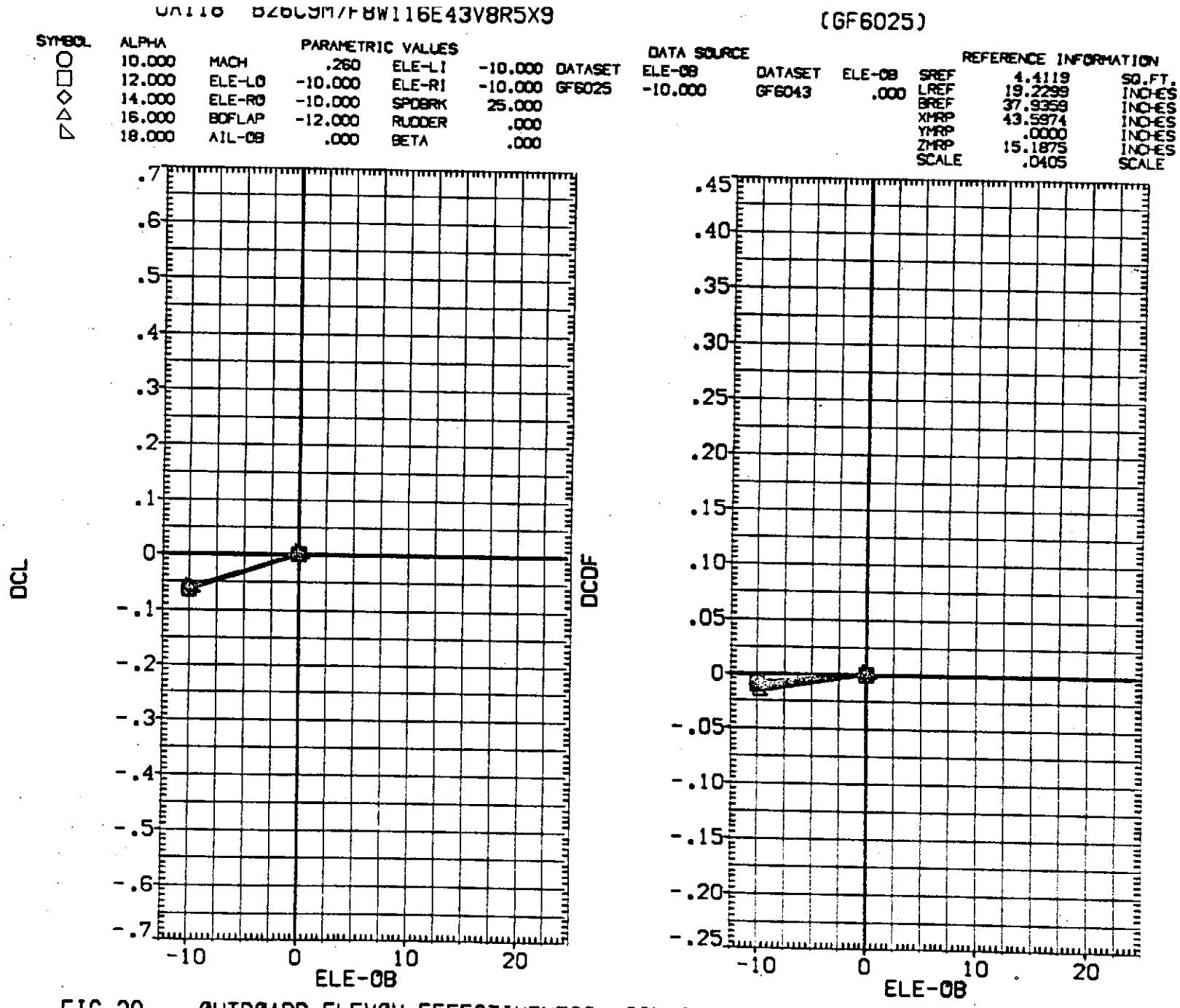
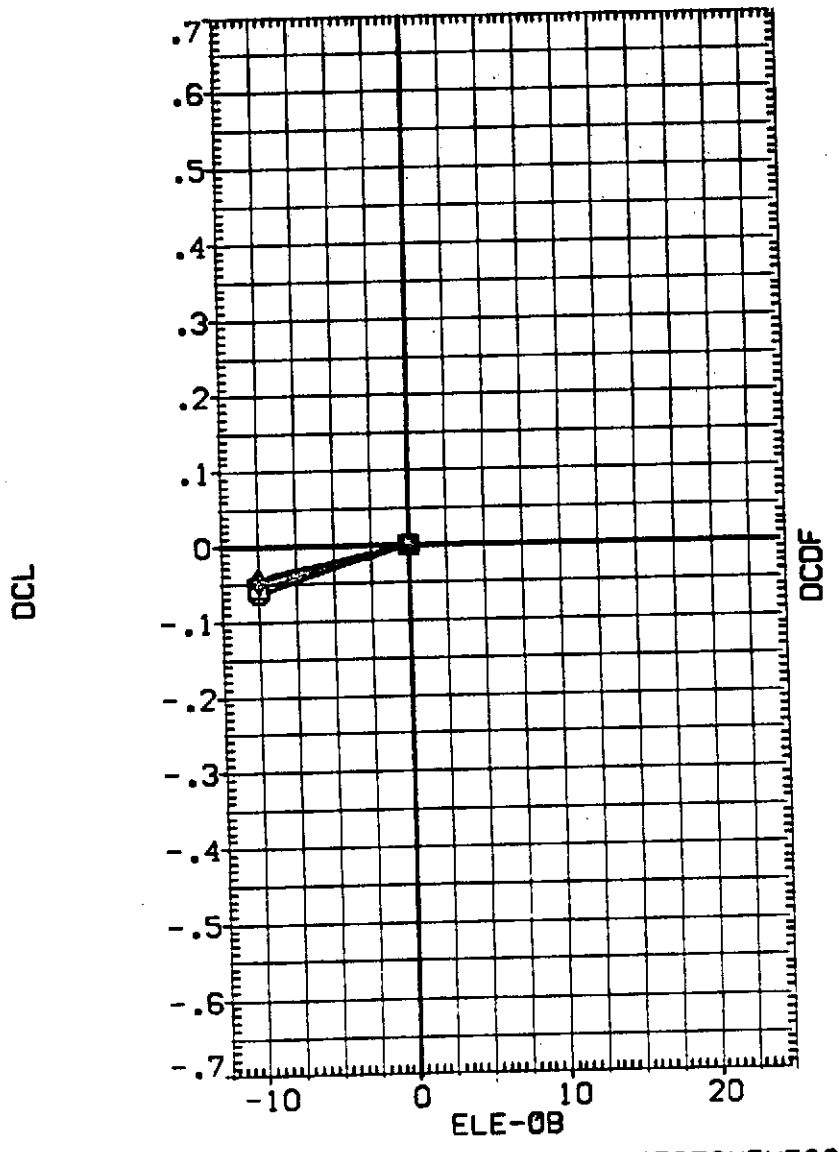


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	-10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



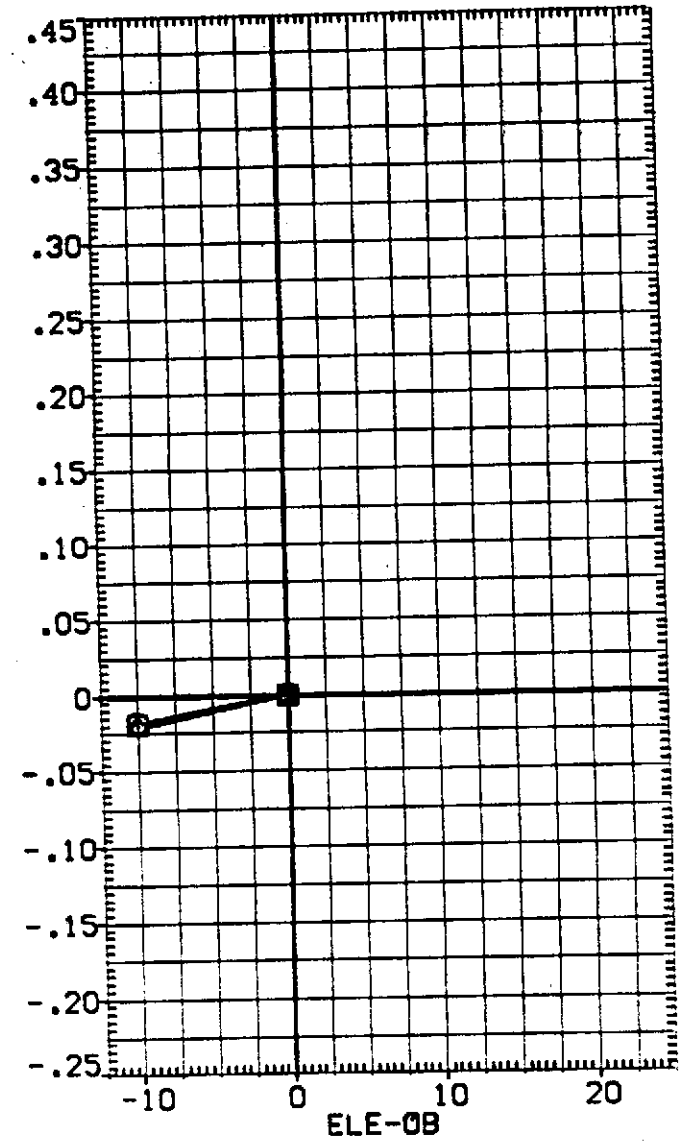
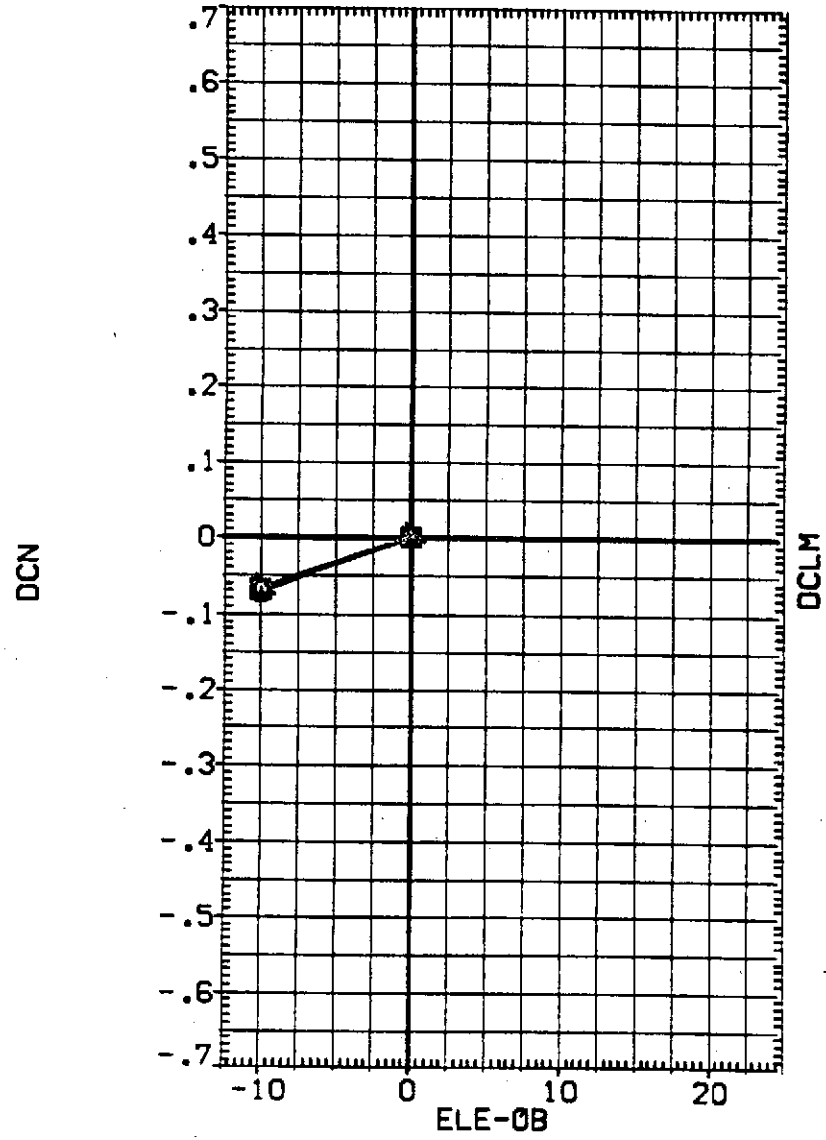


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7FBW116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	-10.000	SPDBRK	25.000					BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



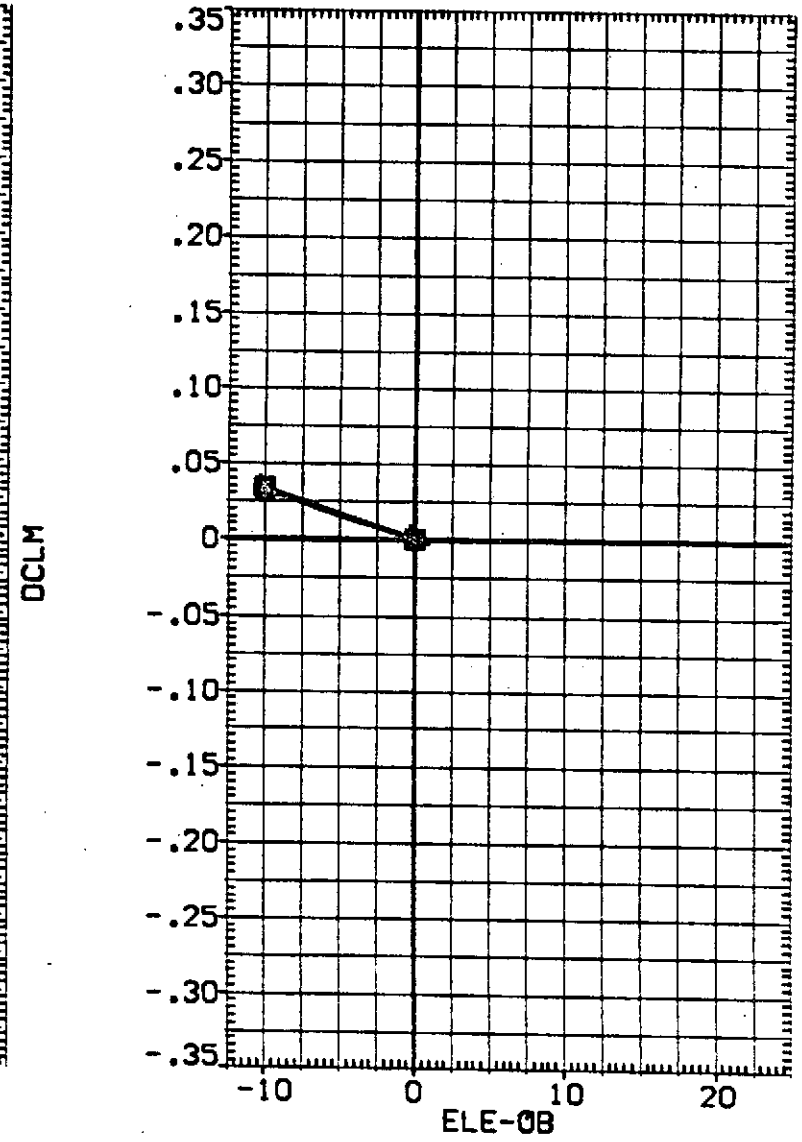


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 [GF6025]

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	-10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

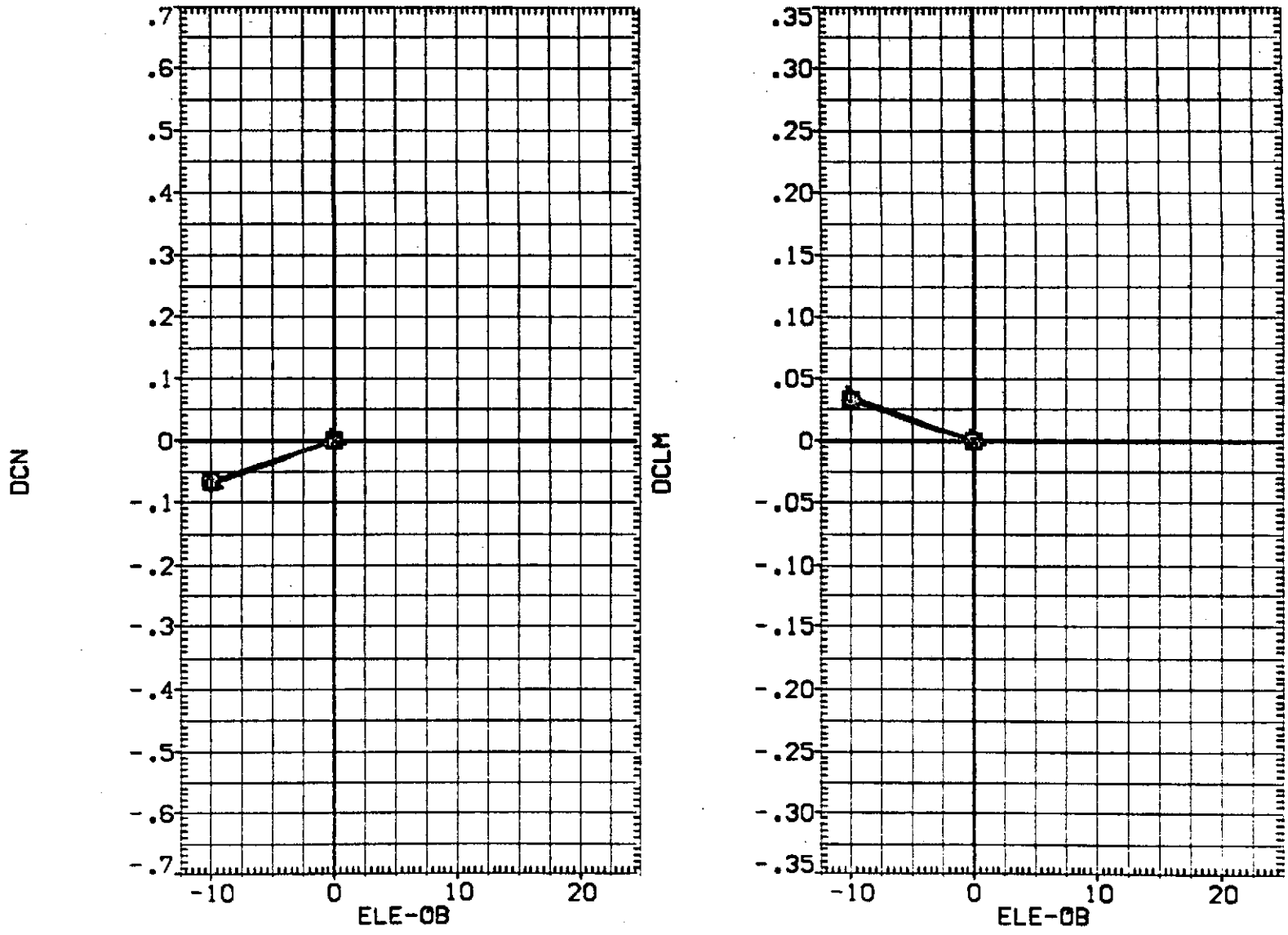


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	-10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

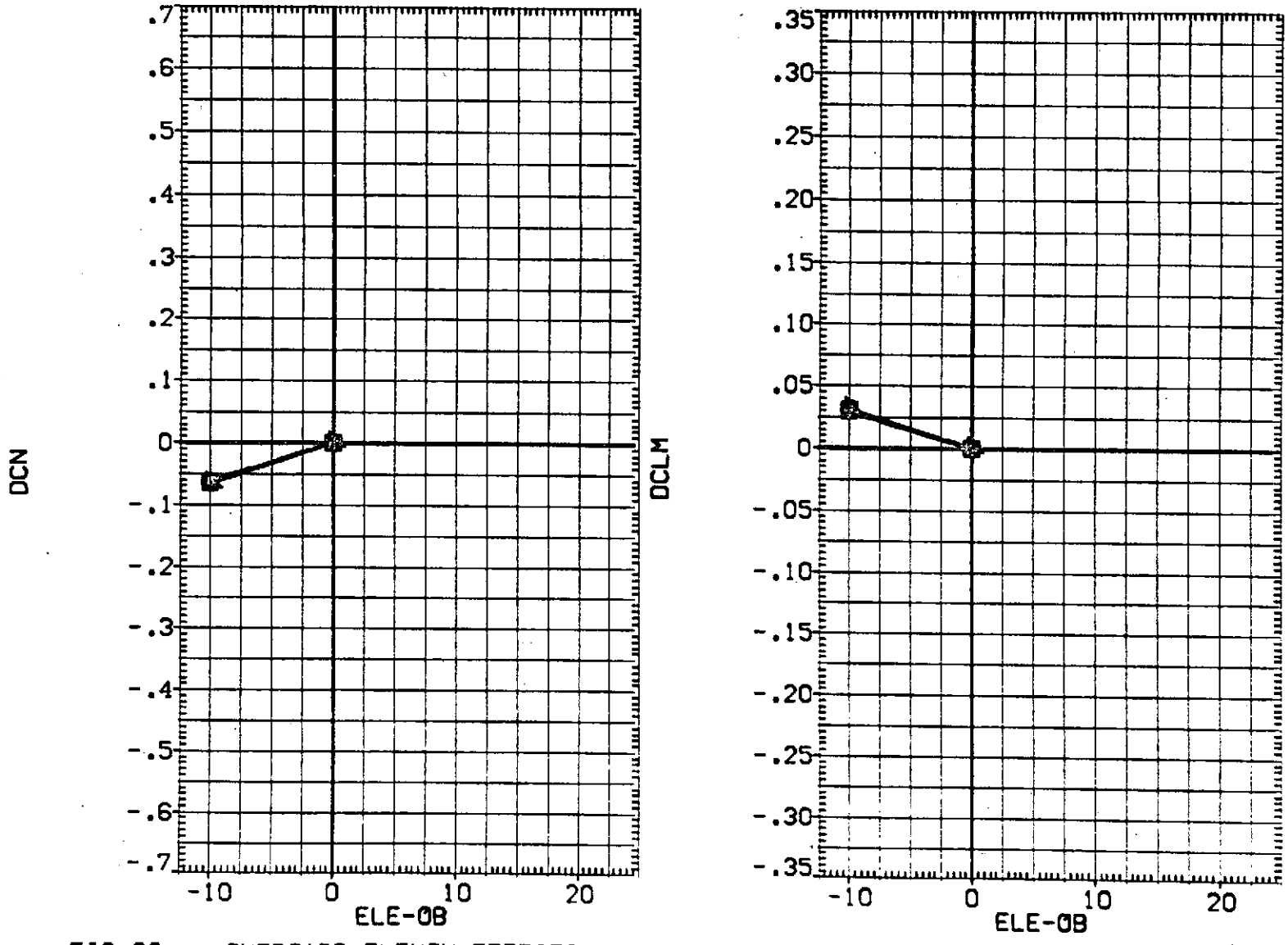


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6025)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	-10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	-10.000	ELE-RI	-10.000	GF6025	-10.000	GF6043	.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	-10.000	SPDBRK	25.000					BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

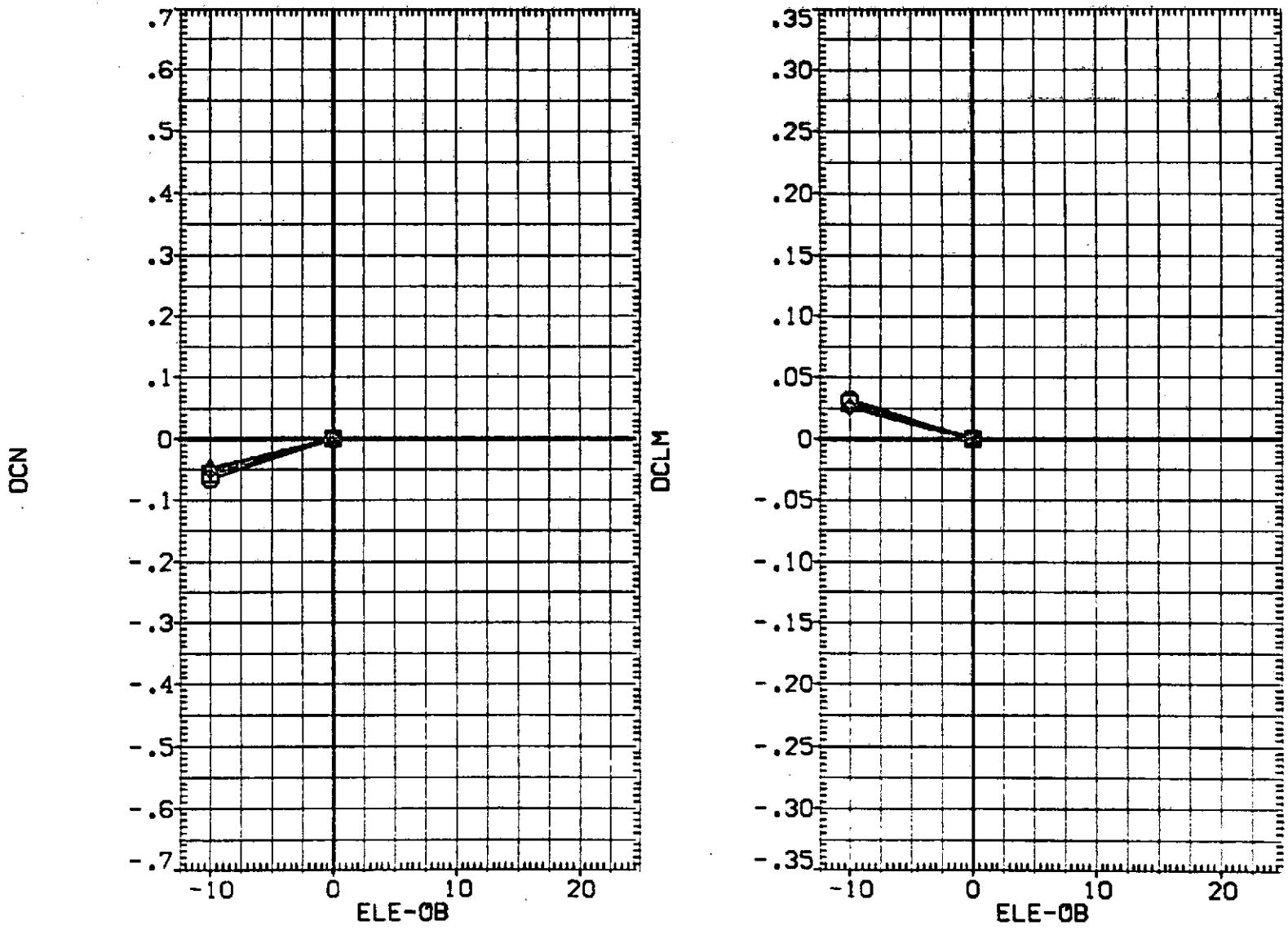


FIG 20 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF6043)	○	0A118 B26C9M7F8W116E43V8R5X9
(RF6042)	□	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	-10.000	-10.000	.000
10.000	-10.000	-10.000	-10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

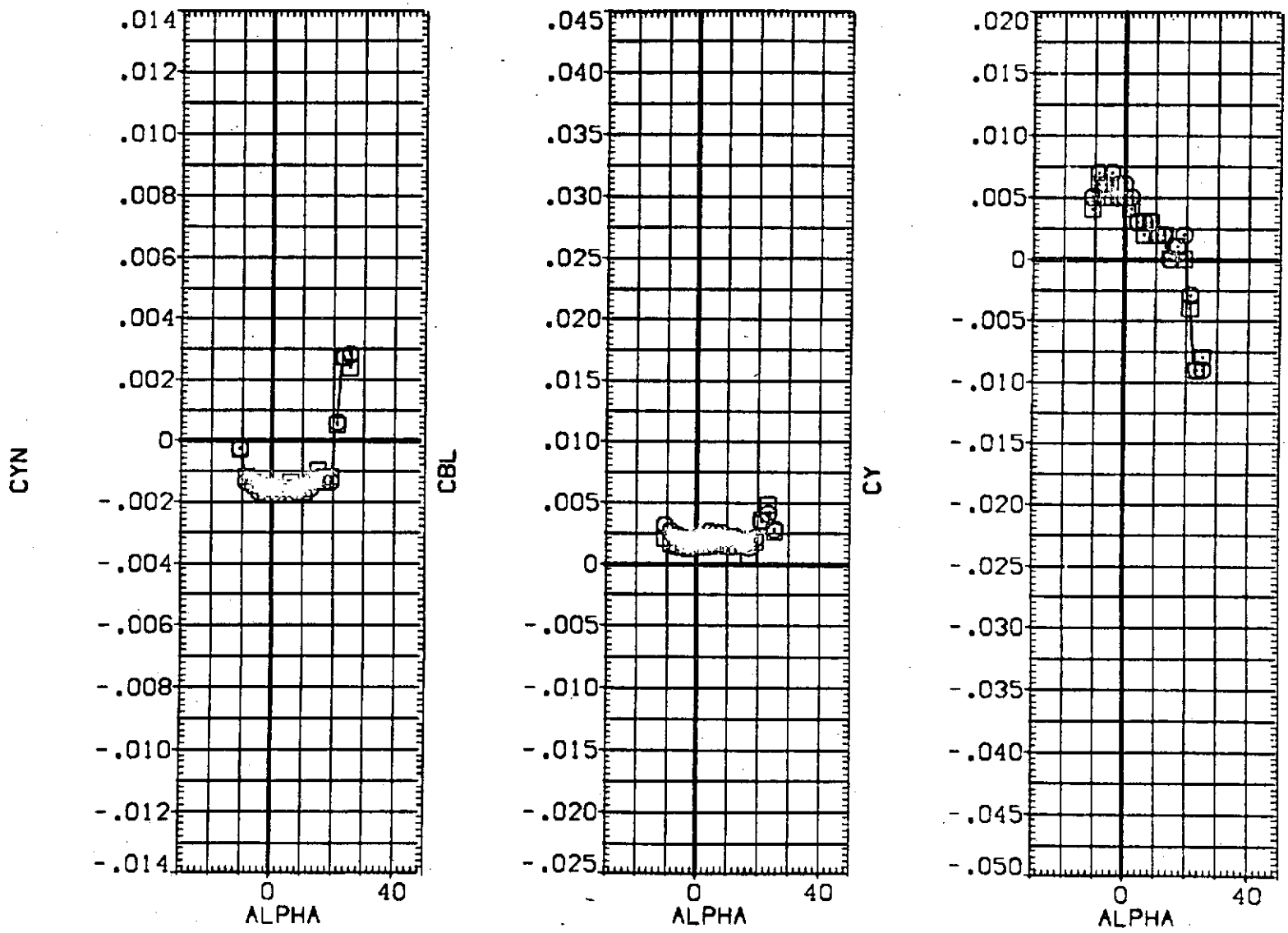


FIG 21 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (GF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	-10.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	-10.000	GF6043	.000	GF6042	10.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPDBRK	25.000					BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

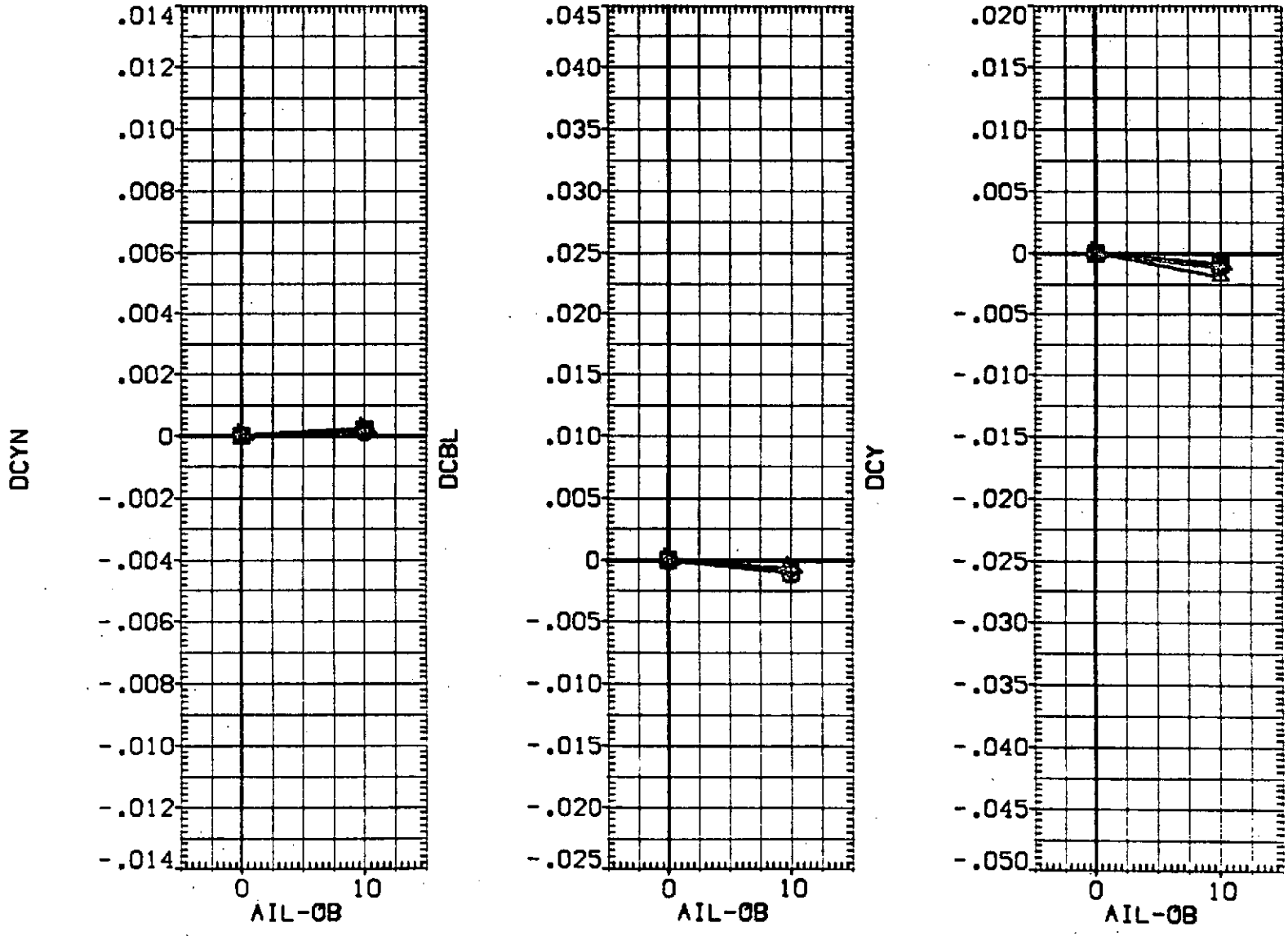


FIG 21 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6043)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	-10.000	DATASET	AIL-0B	DATASET	AIL-0B	SREF	4.4119	SQ.FT.
□	2.000	ELE-L0	.000	ELE-RI	-10.000	GF6043	.000	GF6042	10.000	LREF	19.2299	INCHES
◇	4.000	ELE-R0	.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	ELE-0B	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

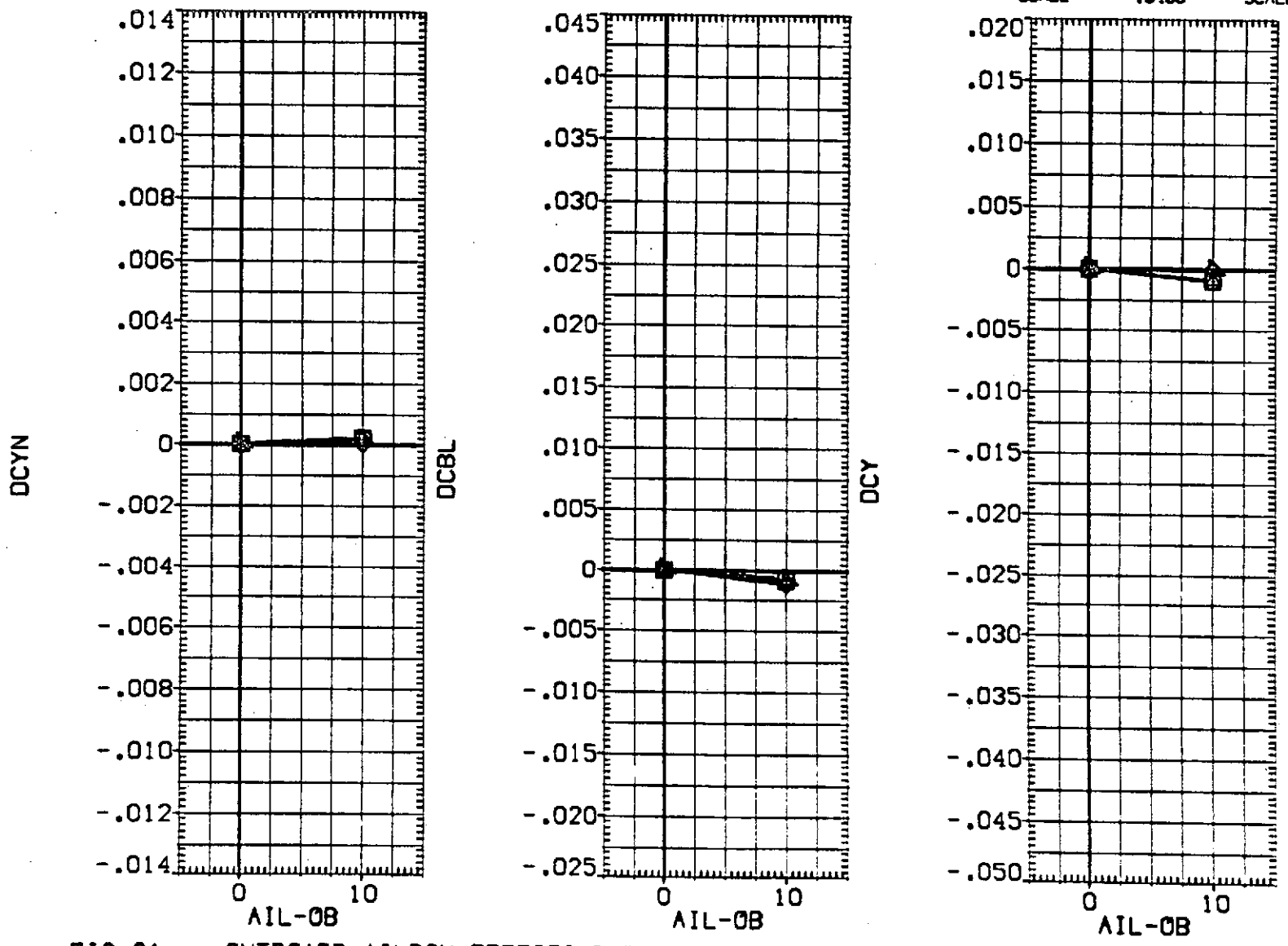


FIG 21 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	-10.000	DATASET	AIL-OB	DATASET	AIL-OB		SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-RI	-10.000	GF6043	.000	GF6042	10.000		LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	18.000	ELE-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

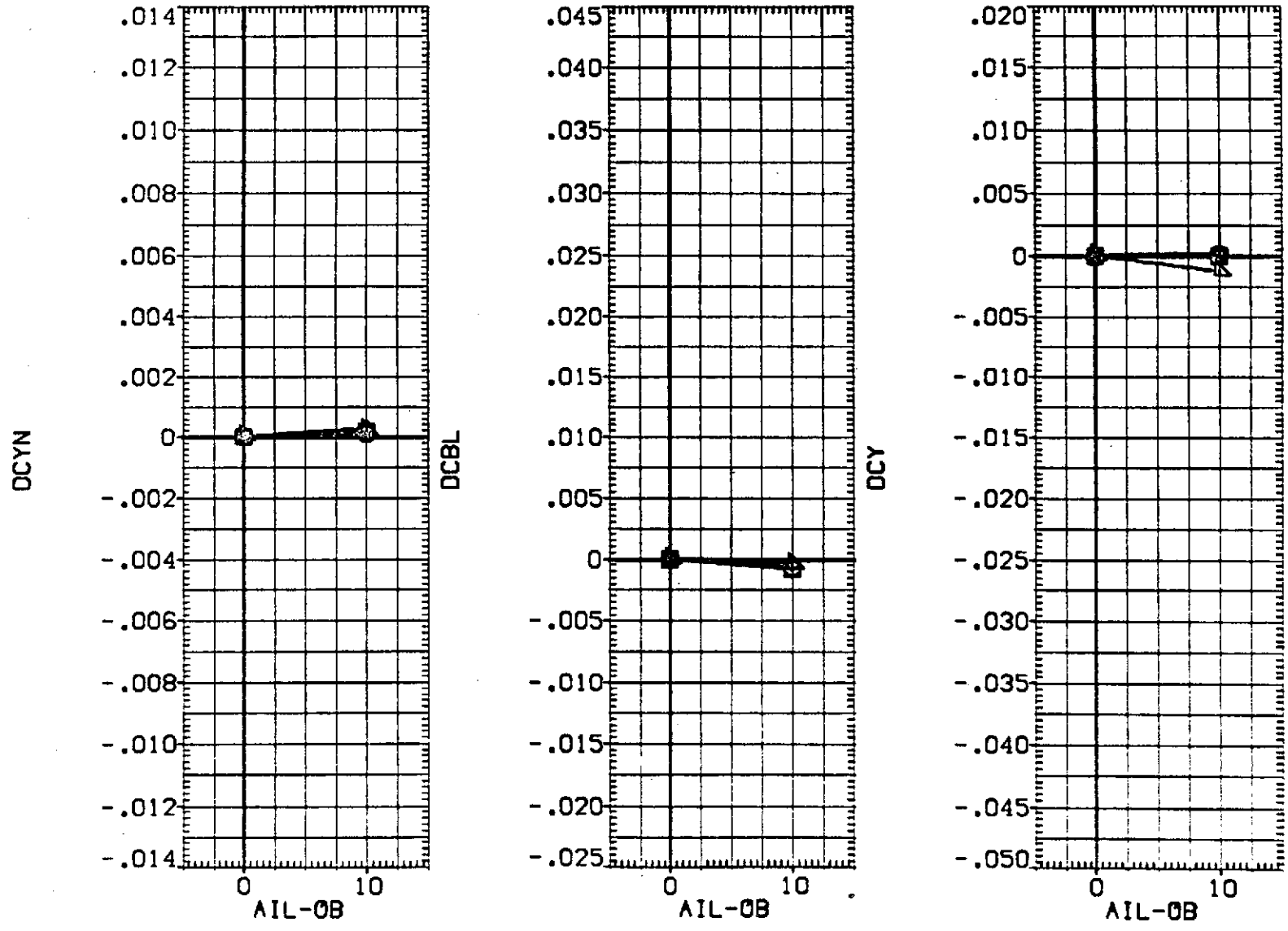


FIG 21 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	-10.000	DATASET	AIL-OB	DATASET	AIL-OB		SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	-10.000	GF6043	.000	GF6042	10.000		LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
		ELE-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

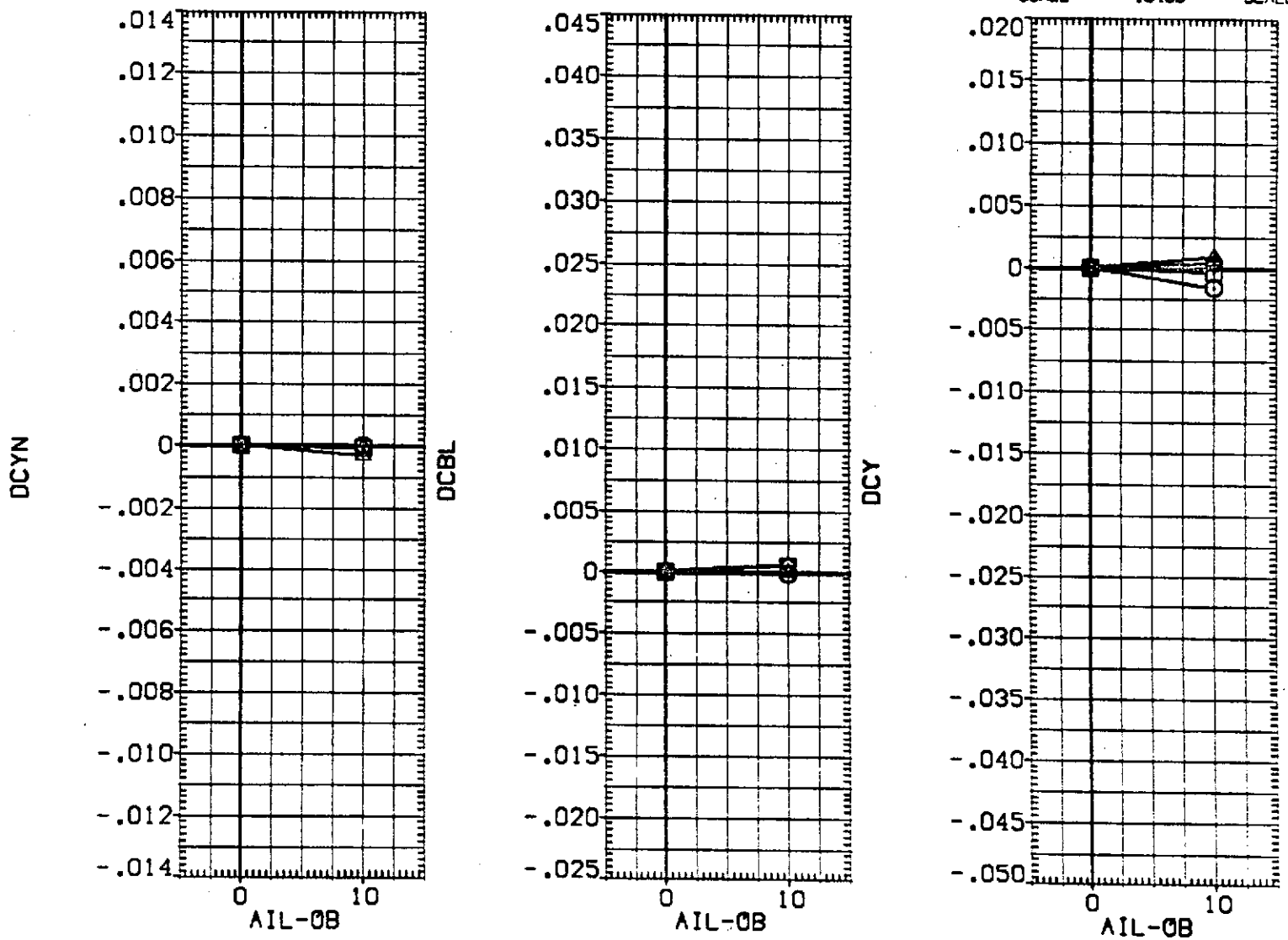


FIG 21 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON =-10 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6057)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6055)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	10.000	10.000	.000
10.000	10.000	10.000	10.000
20.000	10.000	10.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

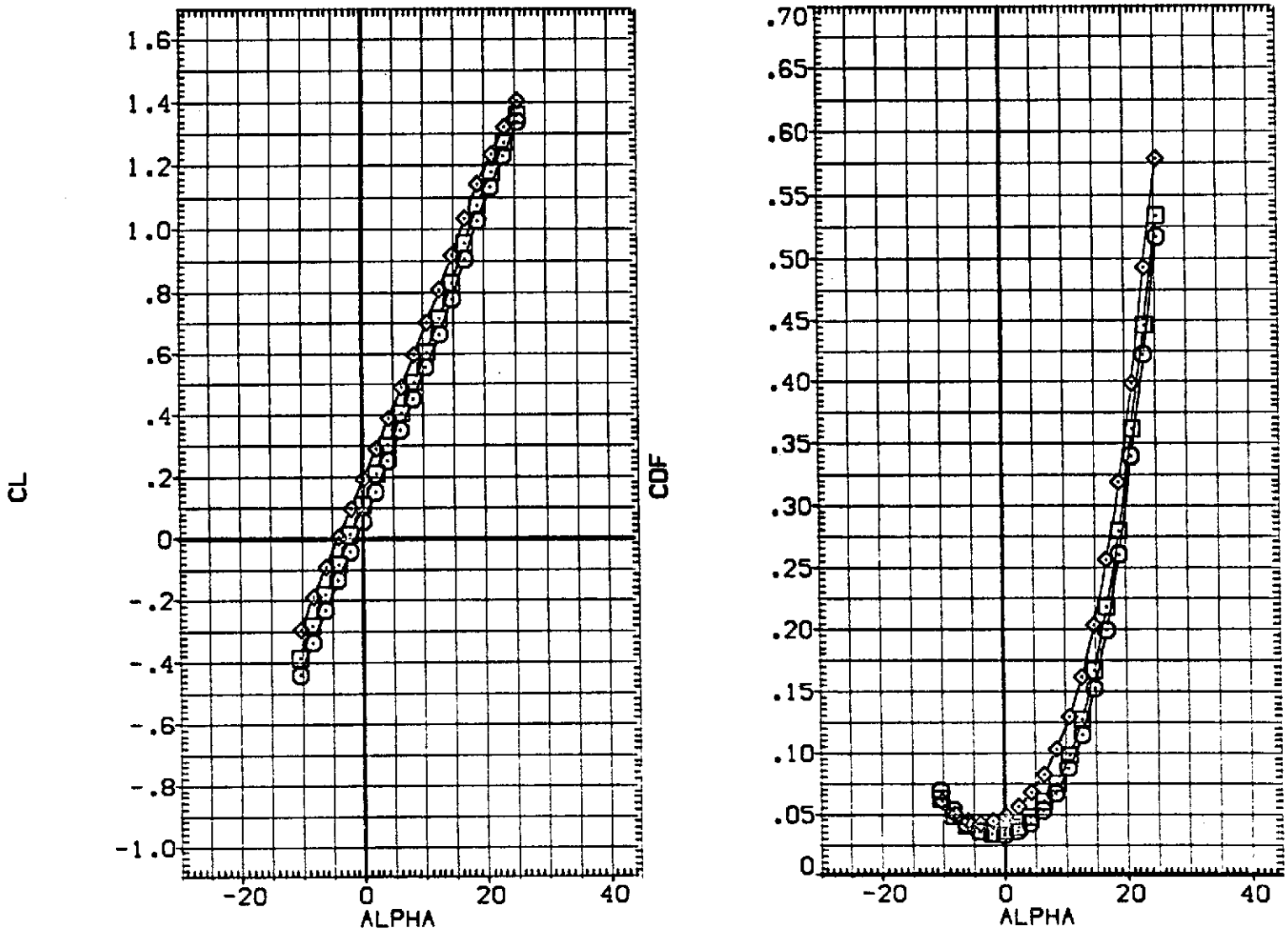


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6057)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6055)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	10.000	10.000	.000
10.000	10.000	10.000	10.000
20.000	10.000	10.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

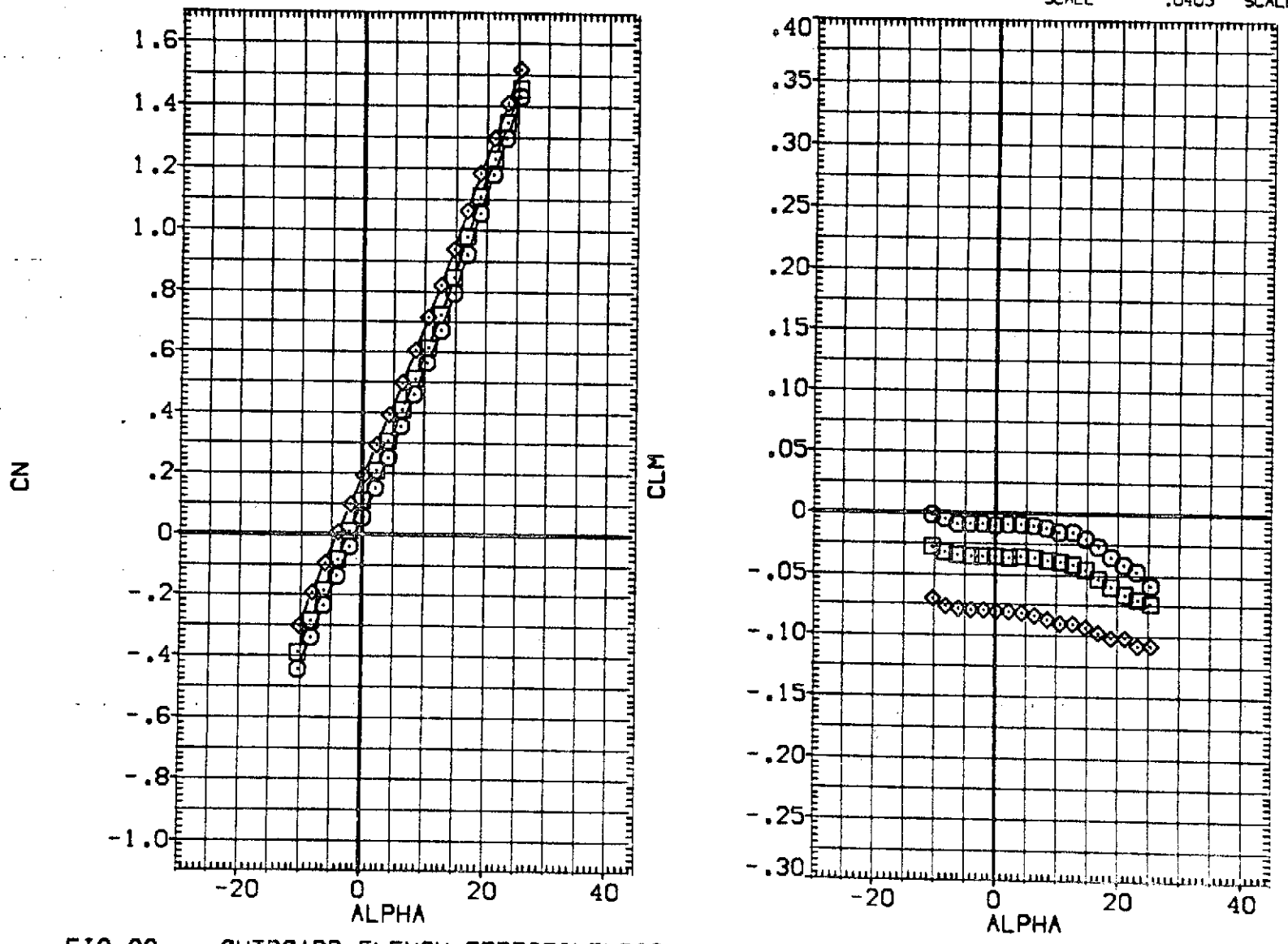


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6057)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6055)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	10.000	10.000	.000
10.000	10.000	10.000	10.000
20.000	10.000	10.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

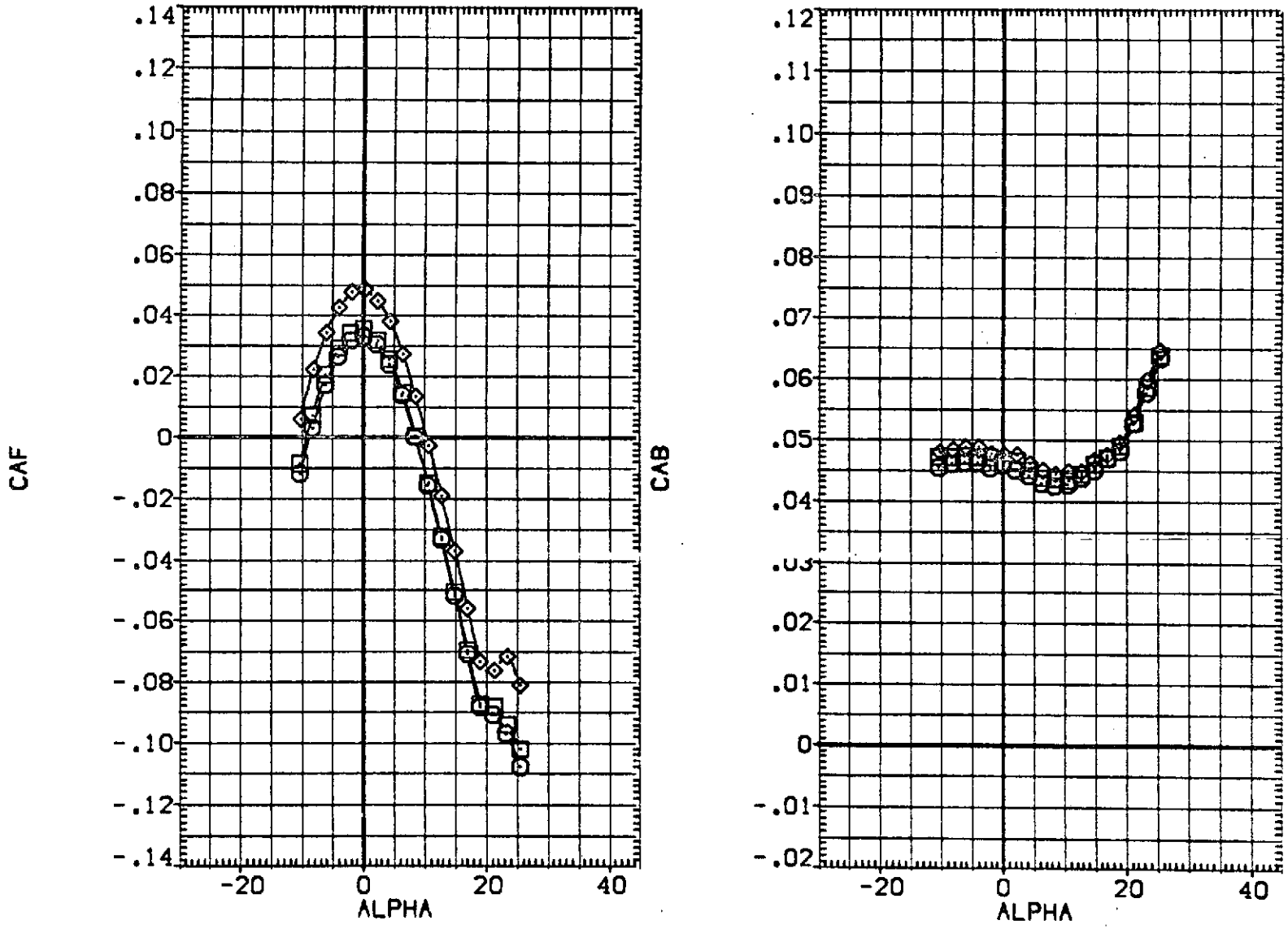


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

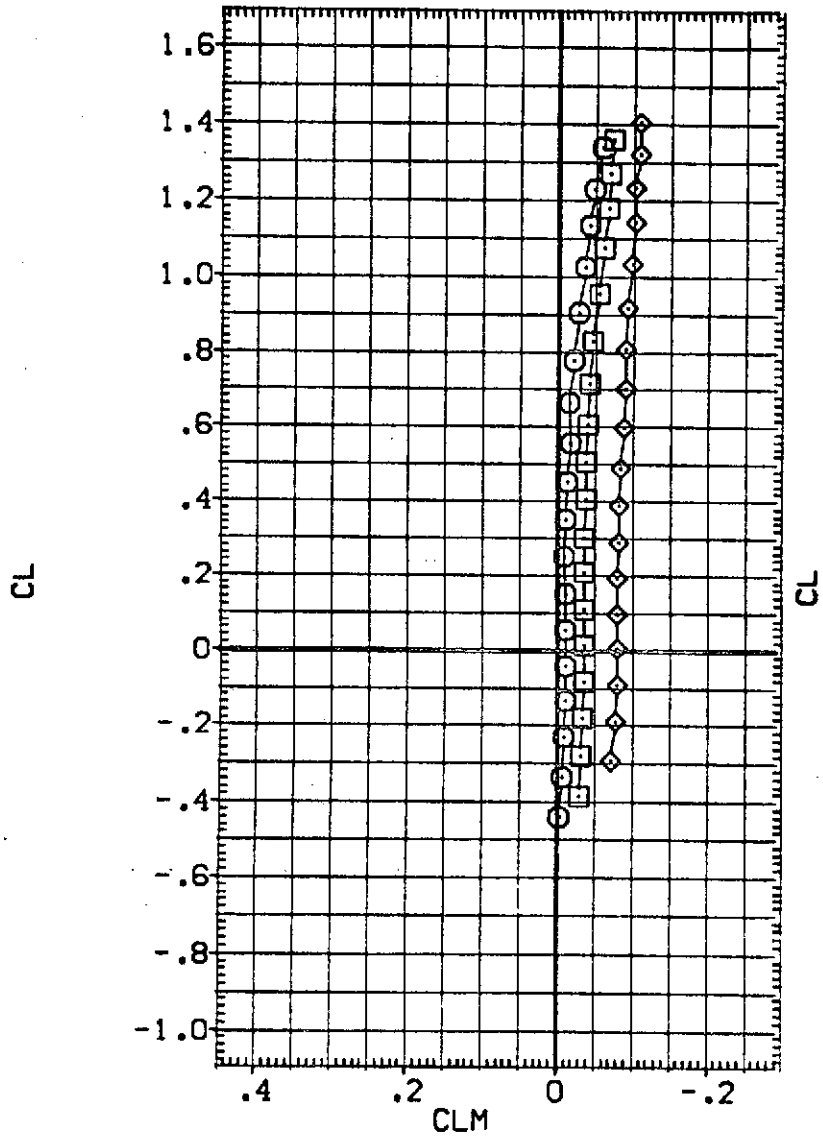
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6057)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6055)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	10.000	10.000	.000
10.000	10.000	10.000	10.000
20.000	10.000	10.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



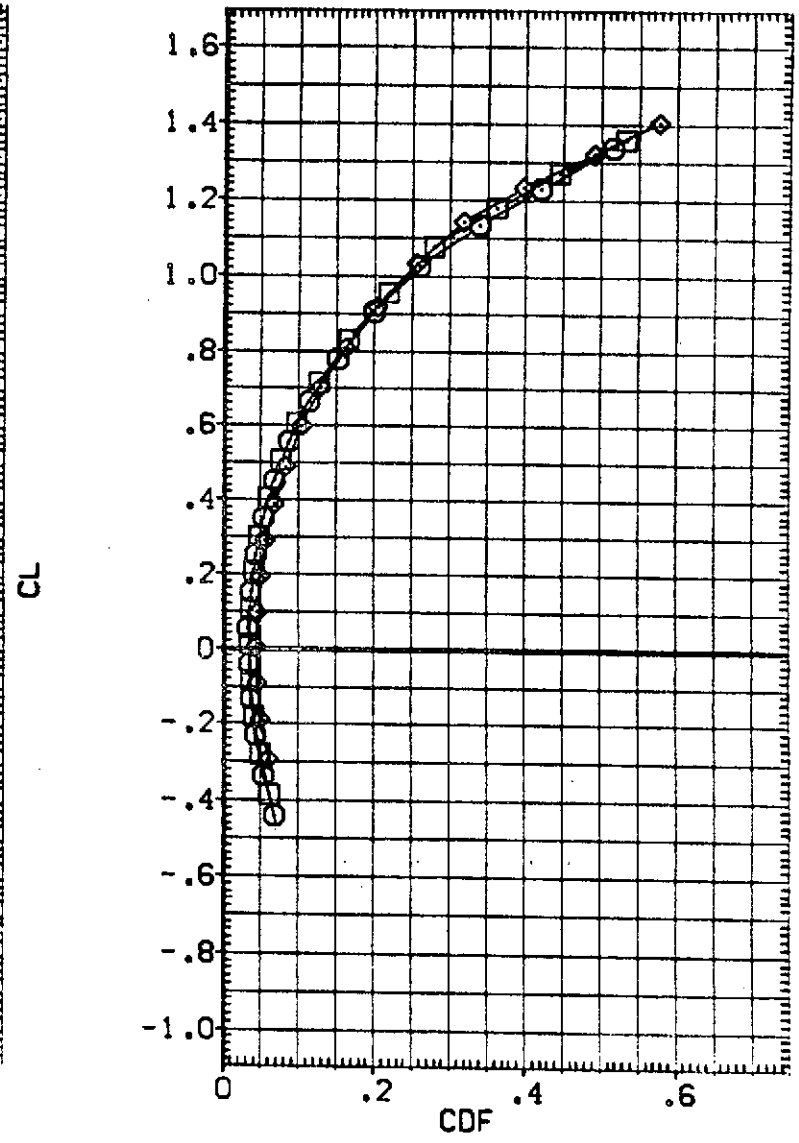


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6057)	○	0A118 B26C9M7F8V 16E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8V 16E43V8R5X9
(BF6055)	◇	0A118 B26C9M7F8V 16E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	10.000	10.000	.000
10.000	10.000	10.000	10.000
20.000	10.000	10.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

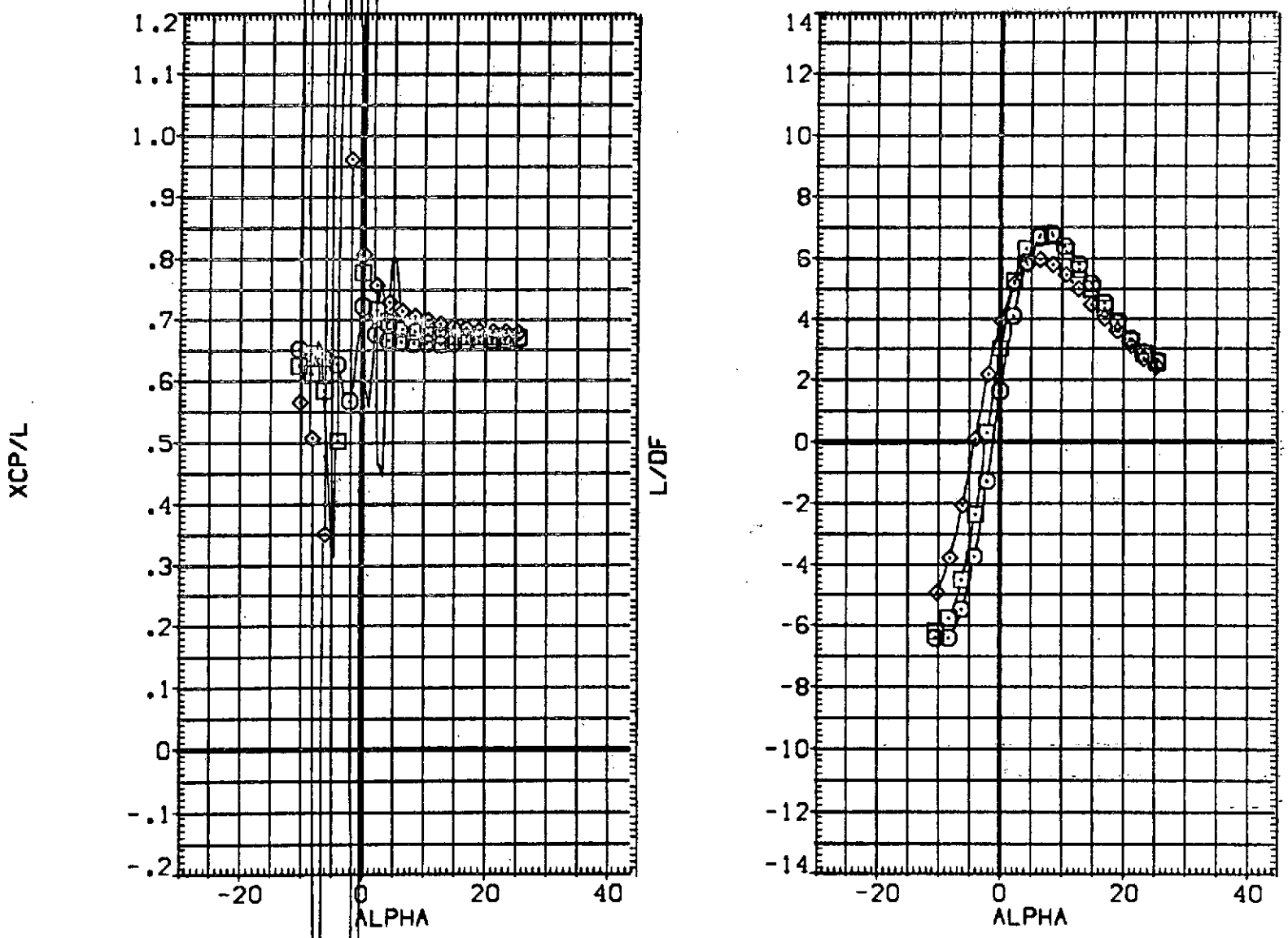
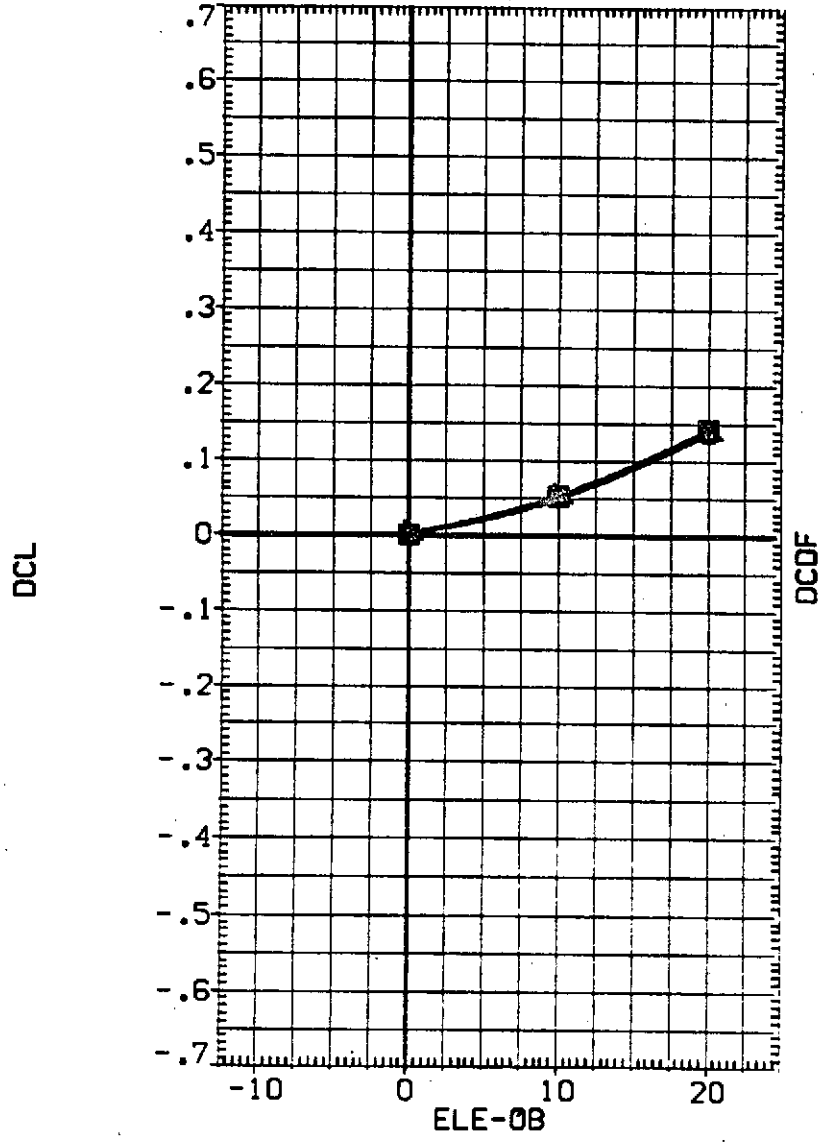


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPDBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



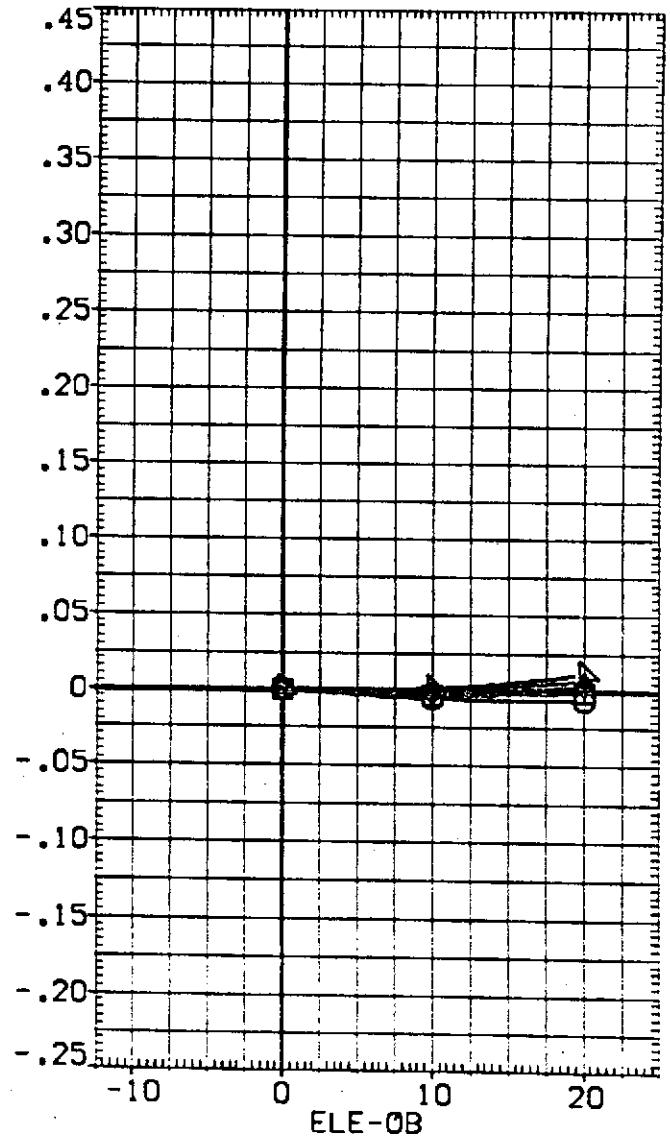


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPDBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◁	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

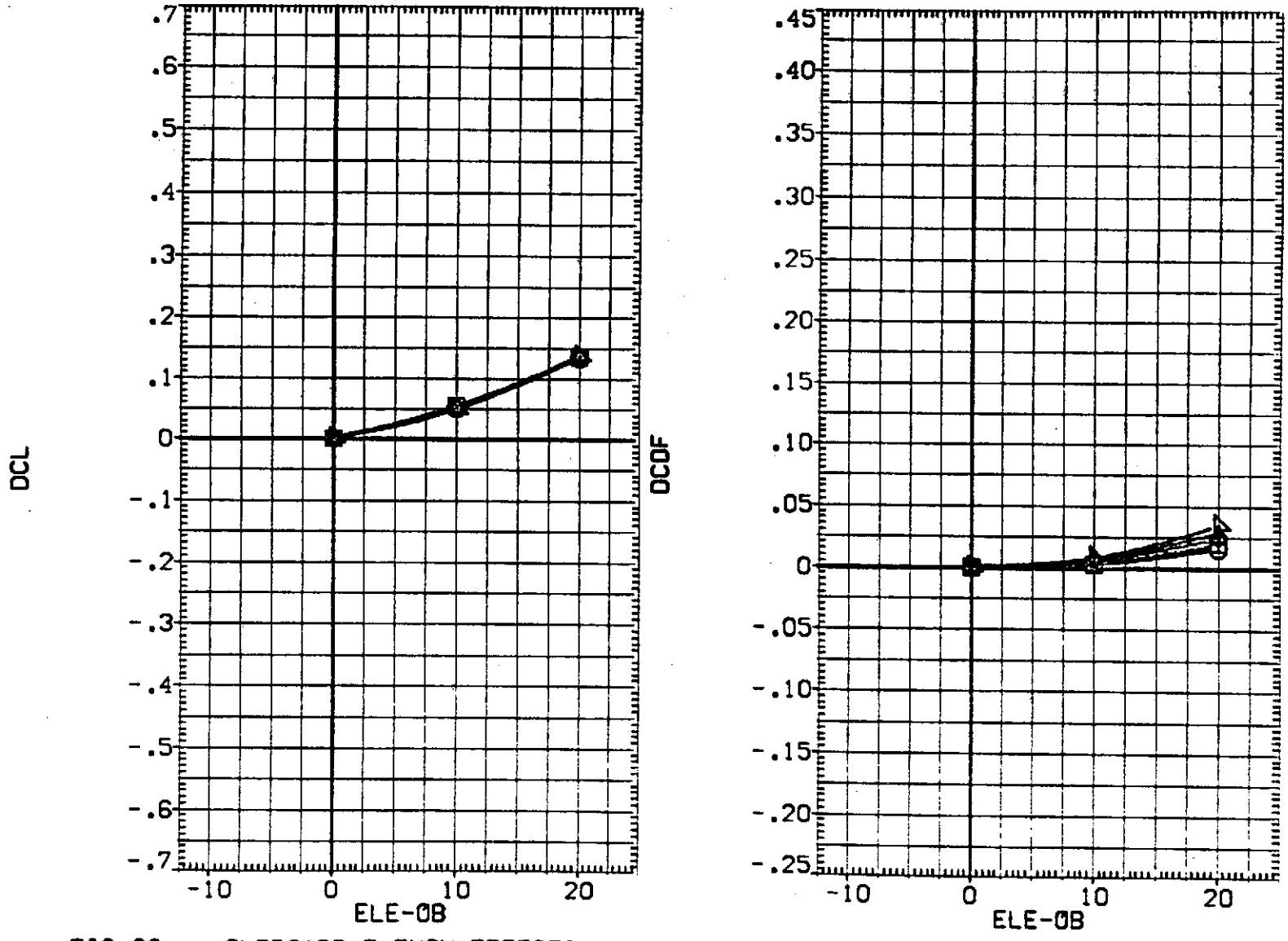
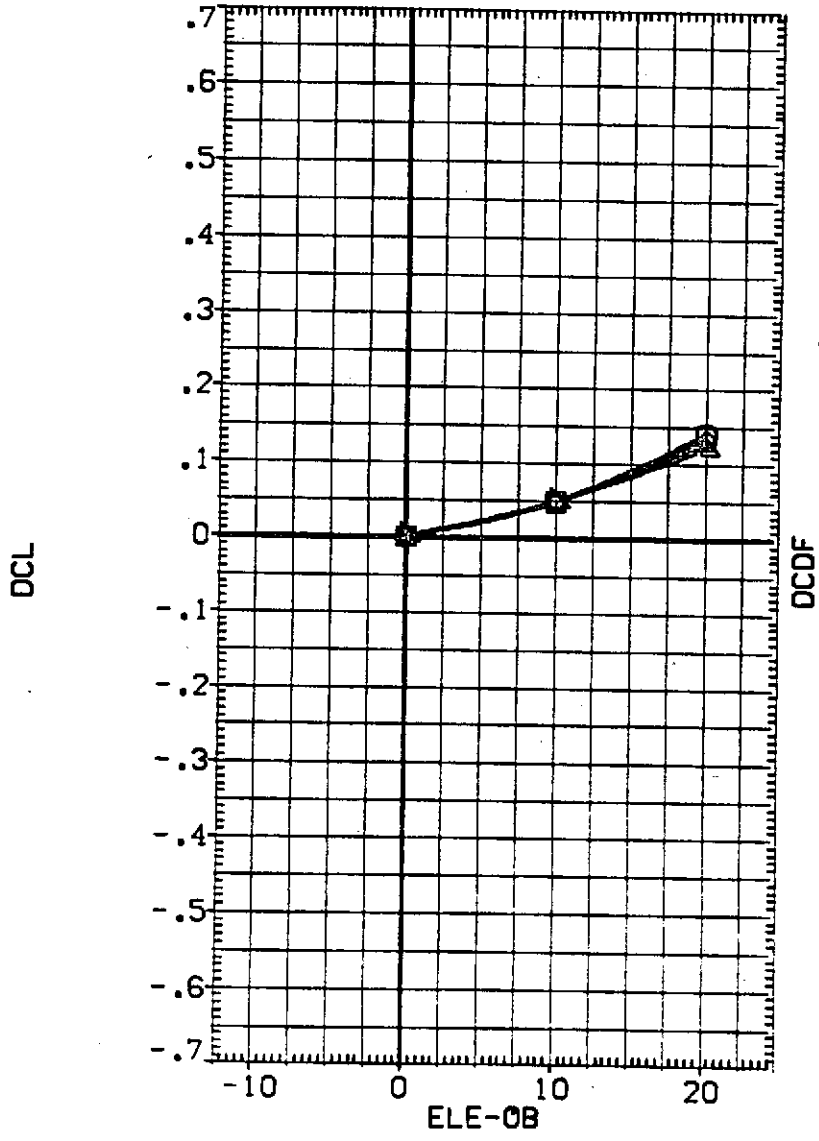


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-L1	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-R1	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	16.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



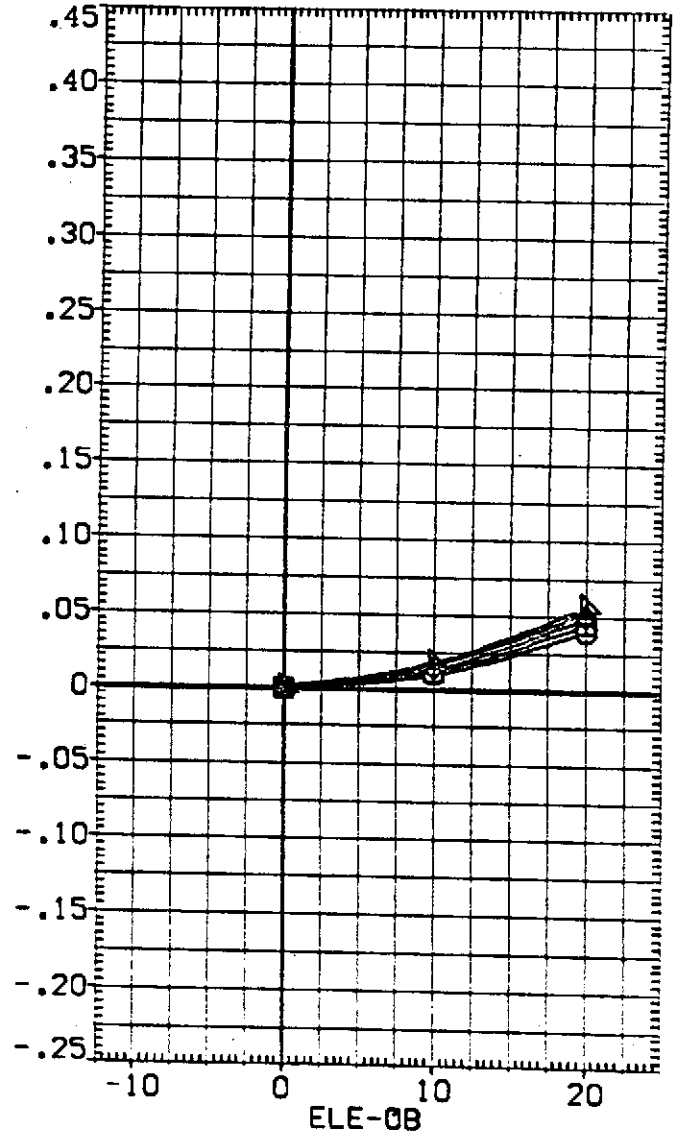


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPDBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

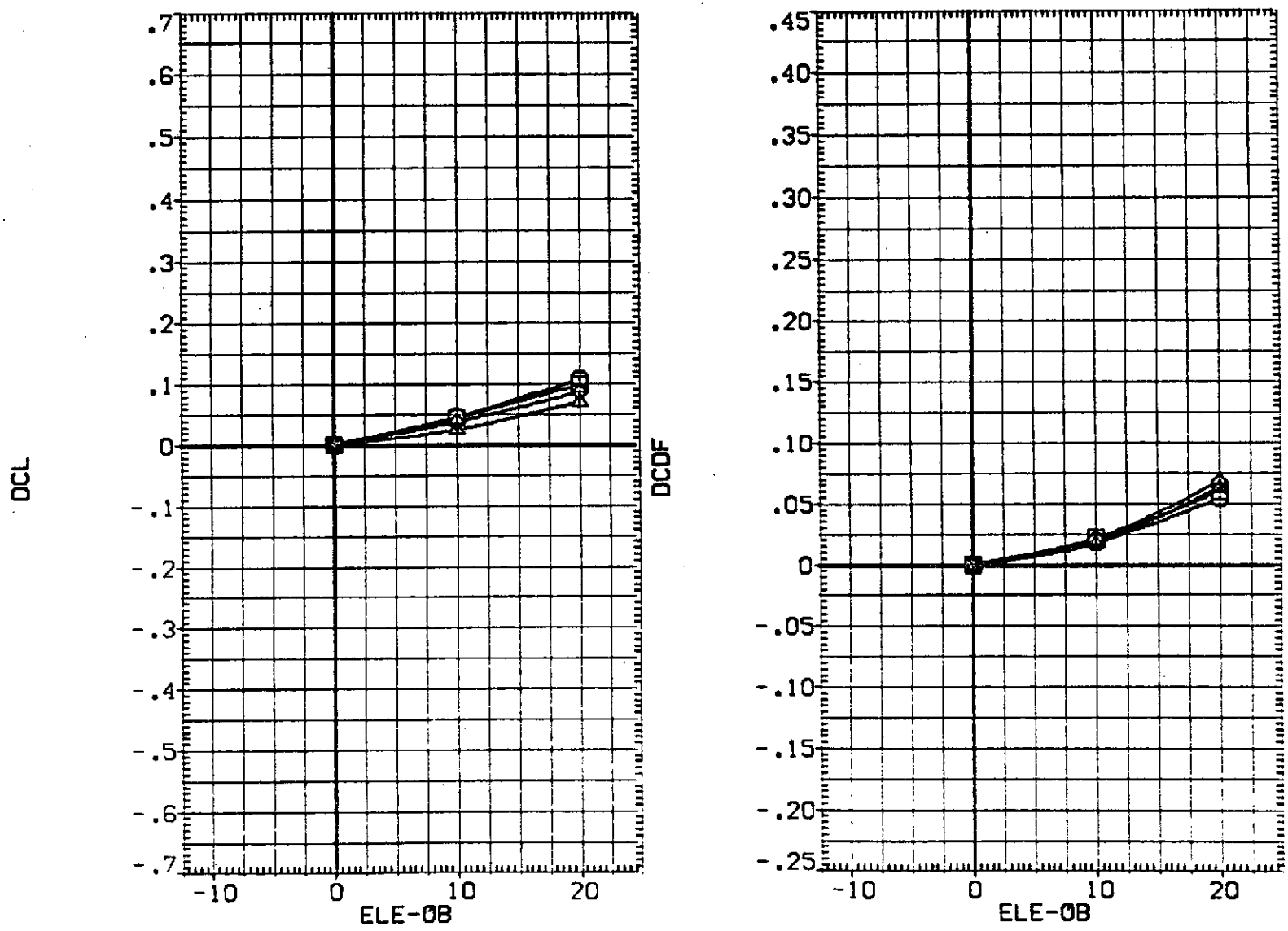
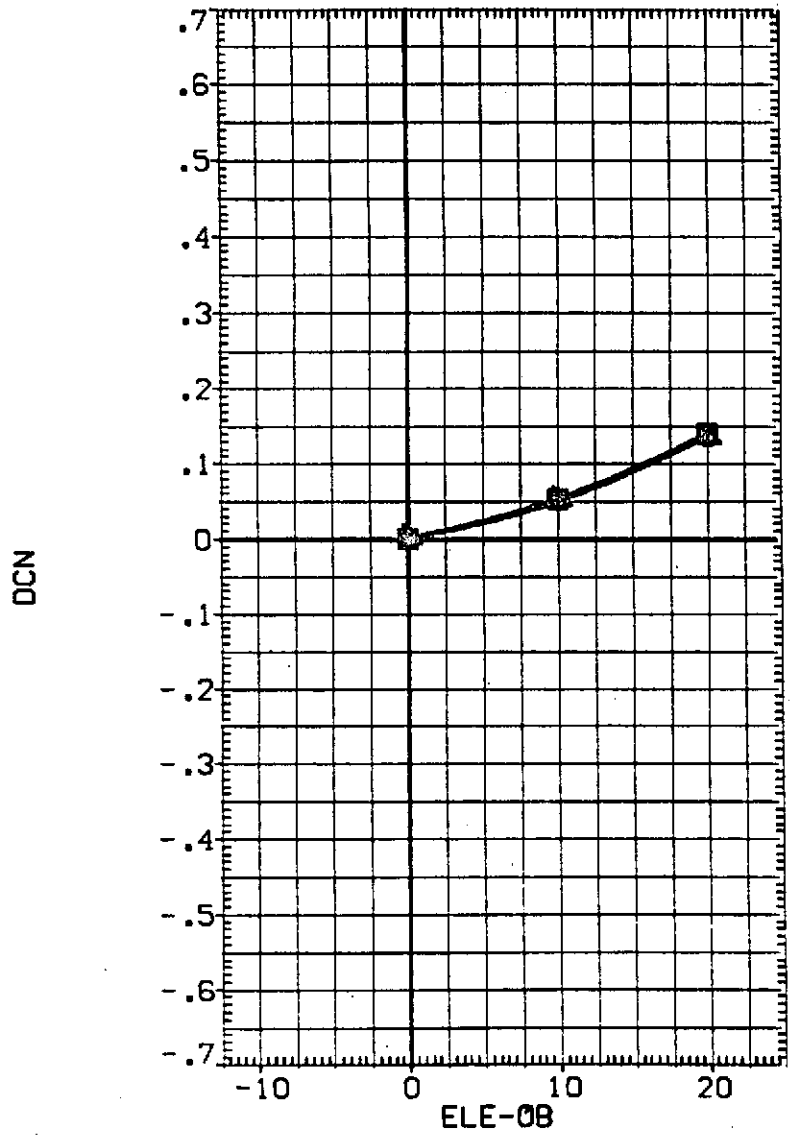


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPOBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



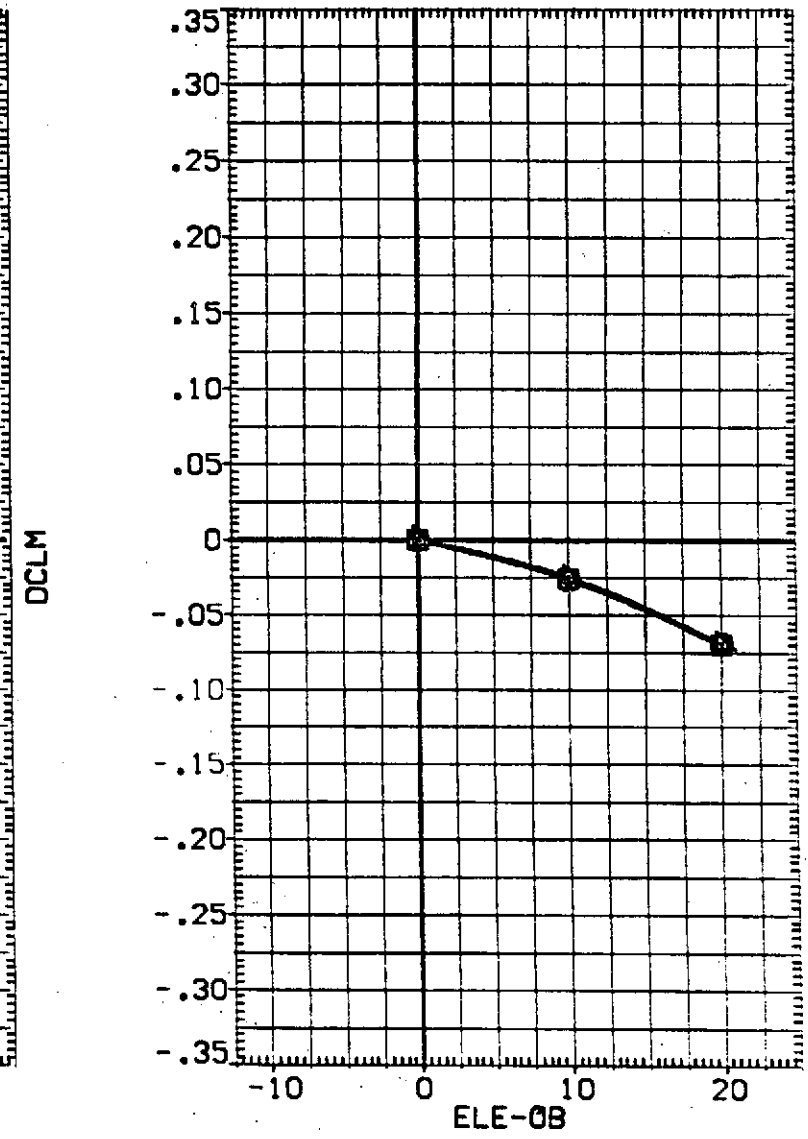
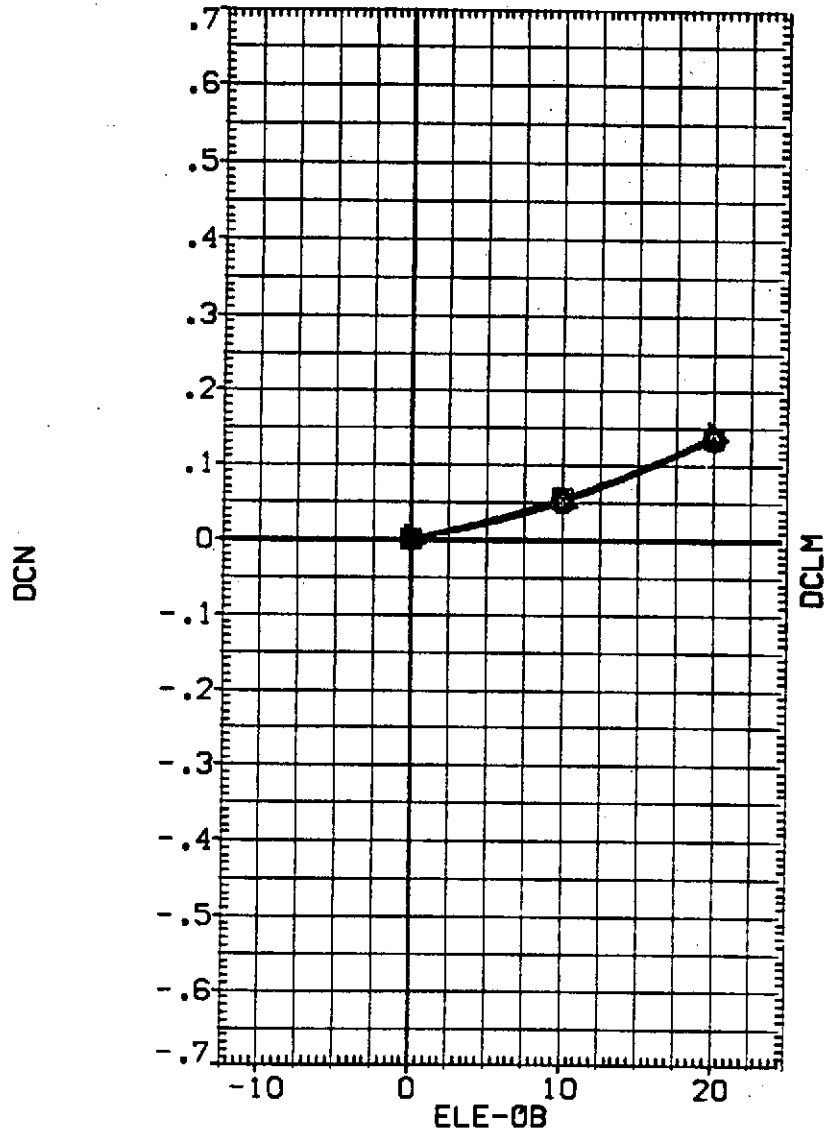


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPOBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



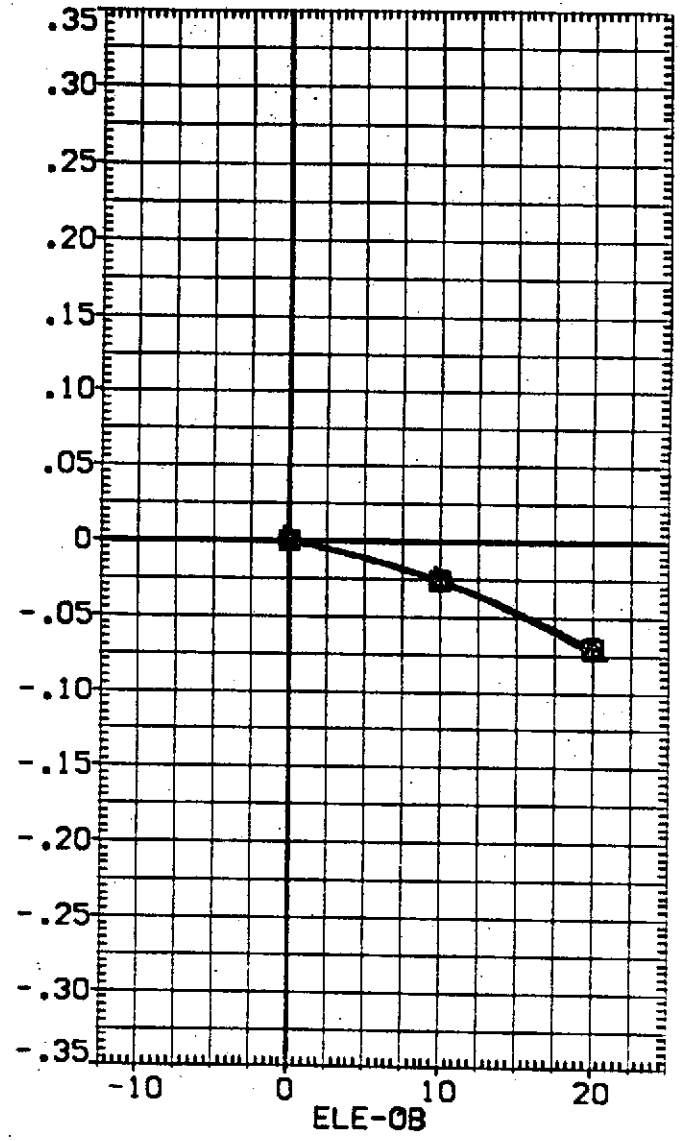


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000		LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	HF6055	20.000				BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◿	18.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

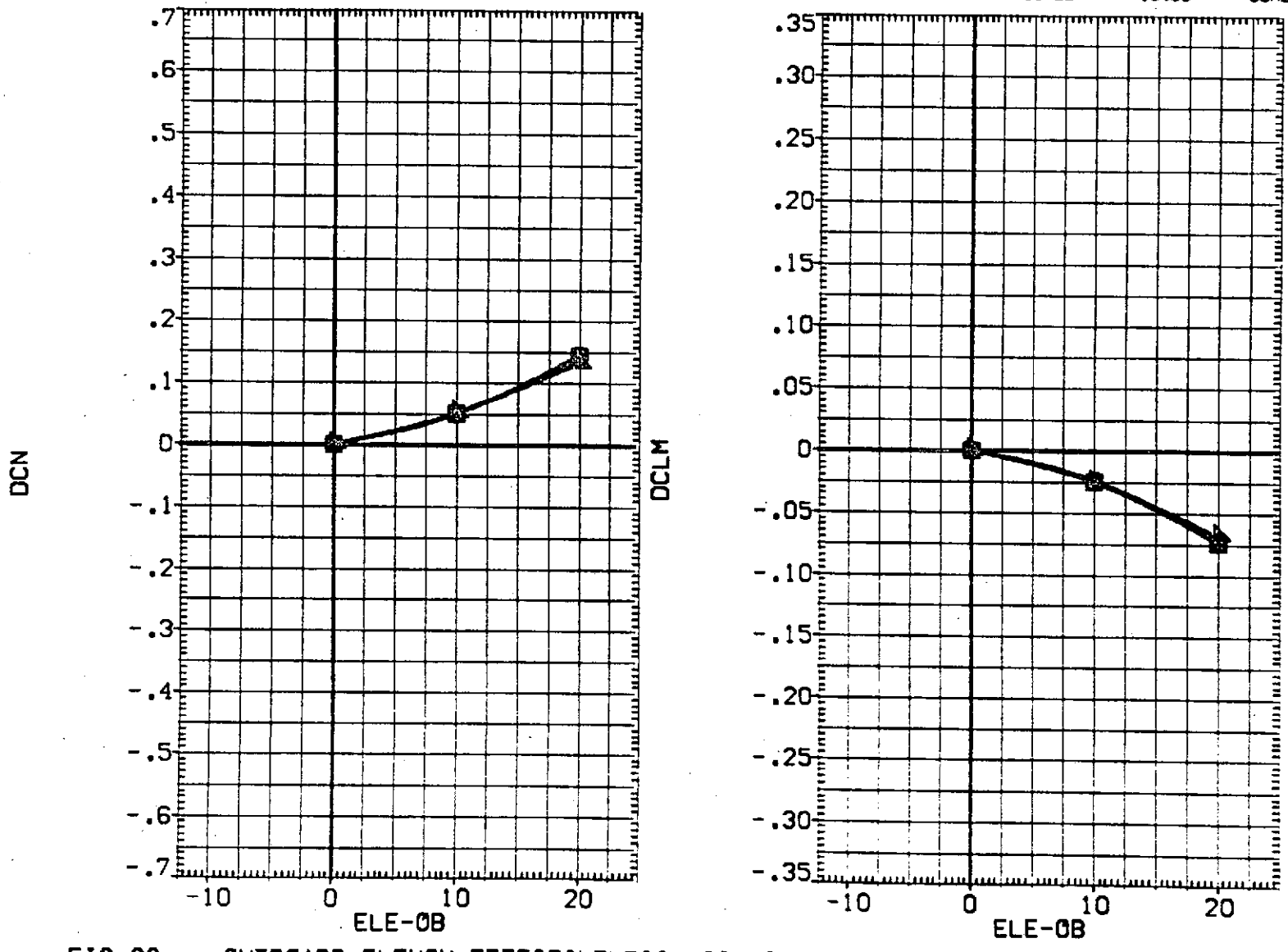


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6057)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	10.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	10.000	HF6057	.000	HF6021	10.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPOBRK	25.000	HF6055	20.000			BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

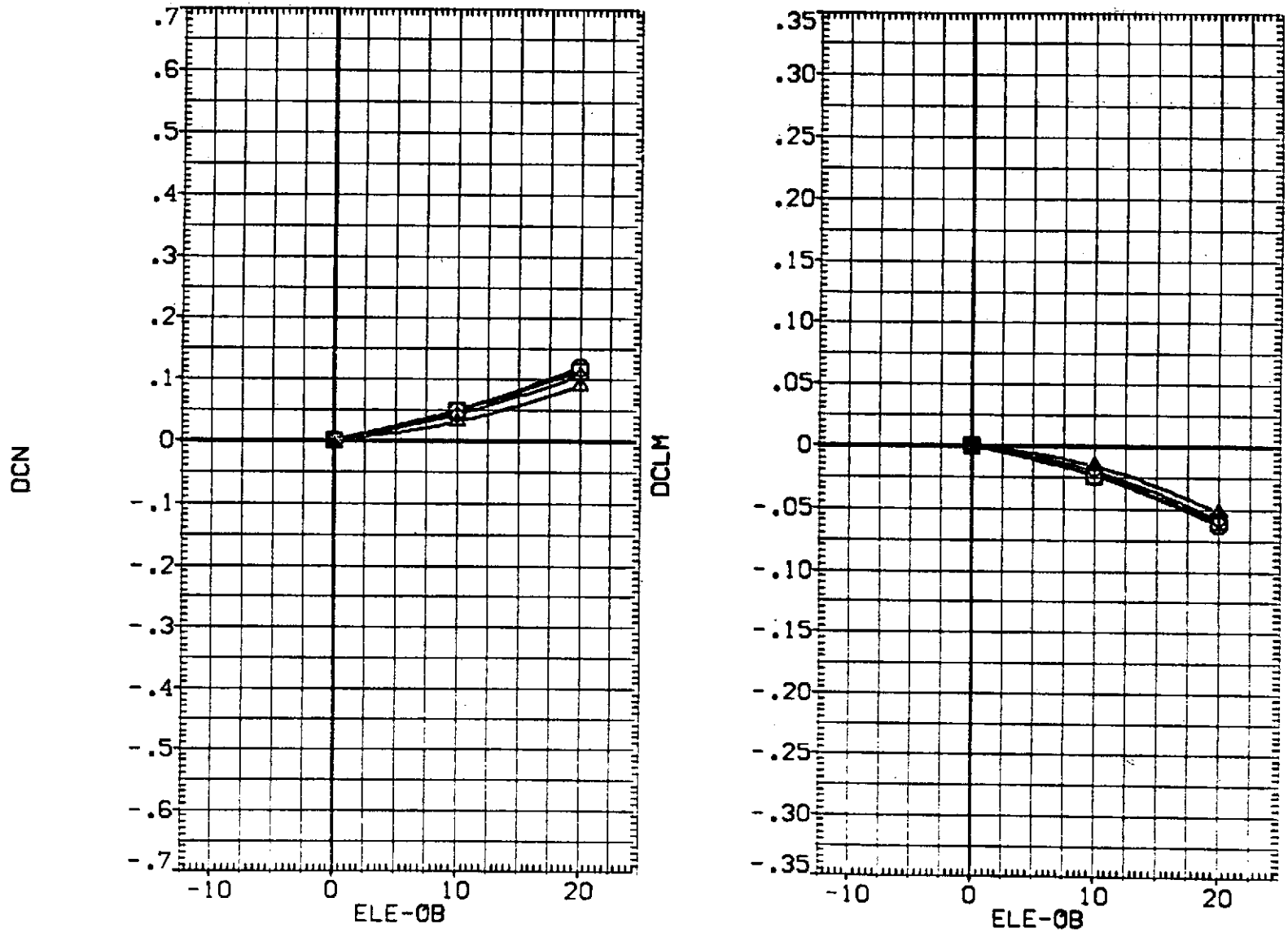


FIG 22 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(RF6021)	○	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000
(RF6056)	□	0A118 B26C9M7F8W116E43V8R5X9	15.000	10.000	10.000	5.000
(RF6054)	◇	0A118 B26C9M7F8W116E43V8R5X9	20.000	10.000	10.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

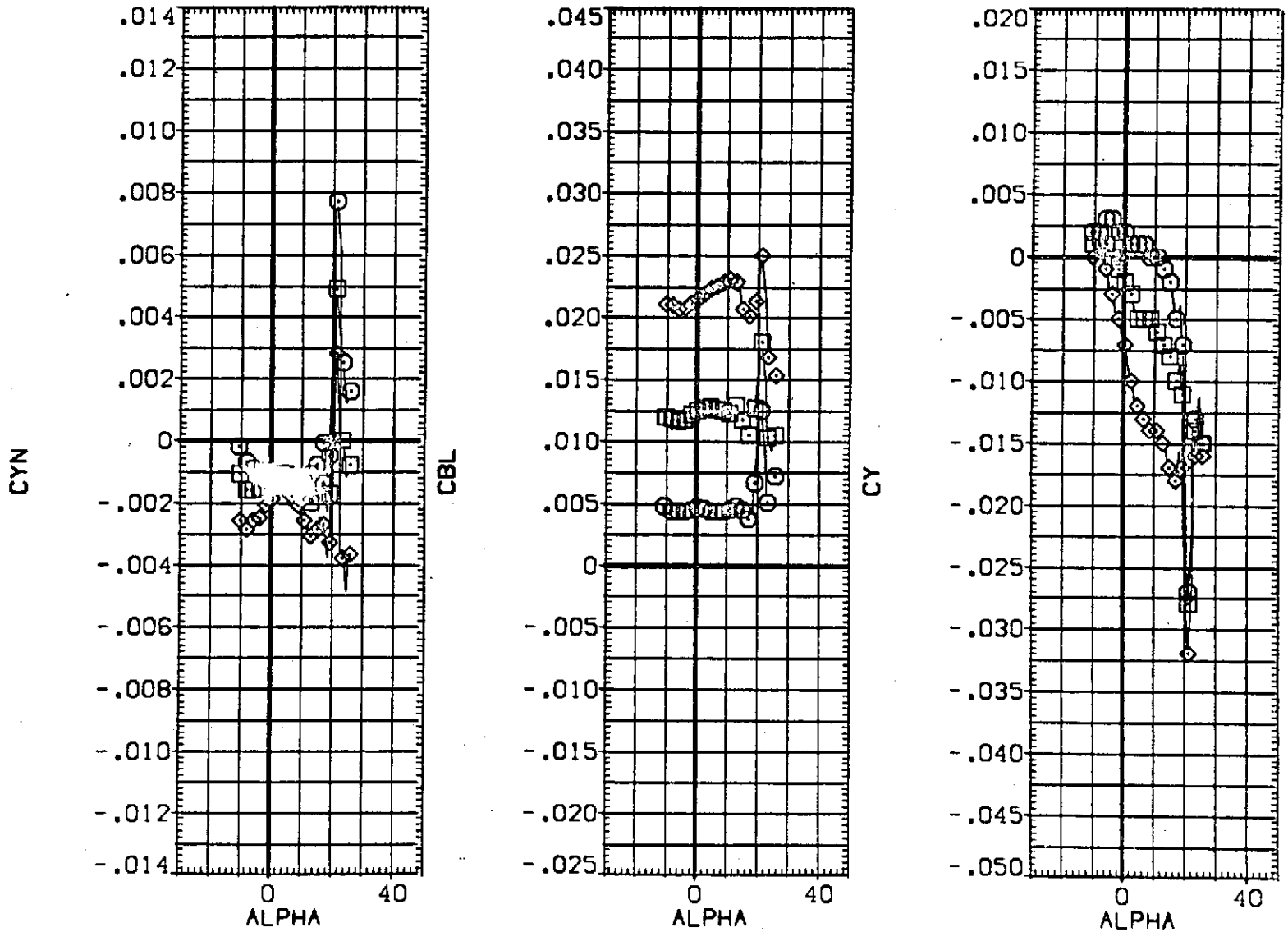


FIG 23 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6021)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	10.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	10.000	ELE-RI	10.000	FF6021	10.000	FF6056	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	10.000	SPOBRK	25.000	FF6054	10.000			BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	ELE-OB	10.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

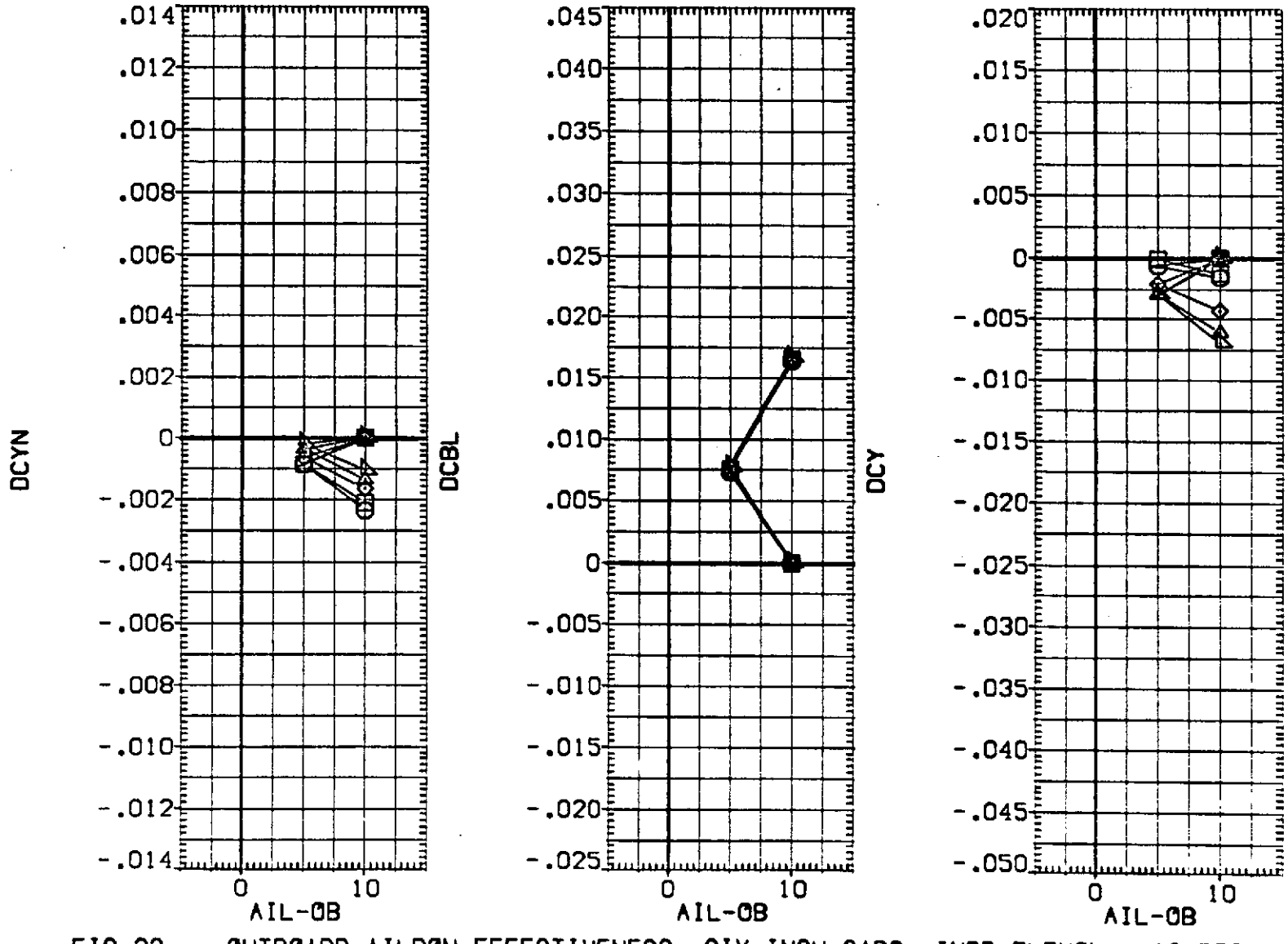


FIG 23 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6021)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	10.000	DATASET	AIL-0B		DATASET	AIL-0B	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	10.000	ELE-RI	10.000	FF6021	10.000		FF6056	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	10.000	SPOBRK	25.000	FF6054	10.000				BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	8.000	ELE-OB	10.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

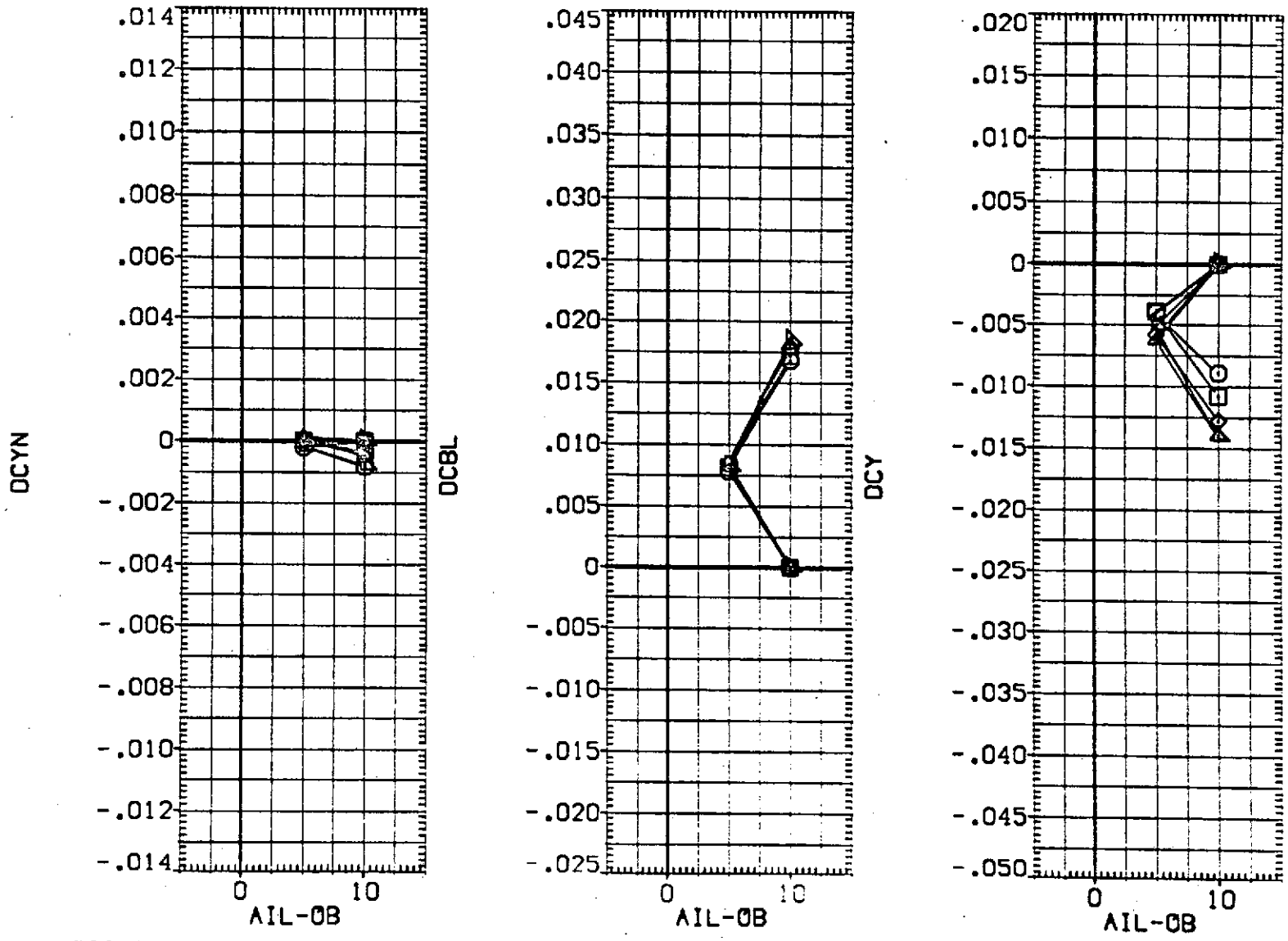


FIG 23 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6021)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	10.000	DATASET	AIL-OB		DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	10.000	ELE-RI	10.000	FF6021	10.000		FF6056	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	10.000	SPOBRK	25.000	FF6054	10.000				BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◁	18.000	ELE-OB	10.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

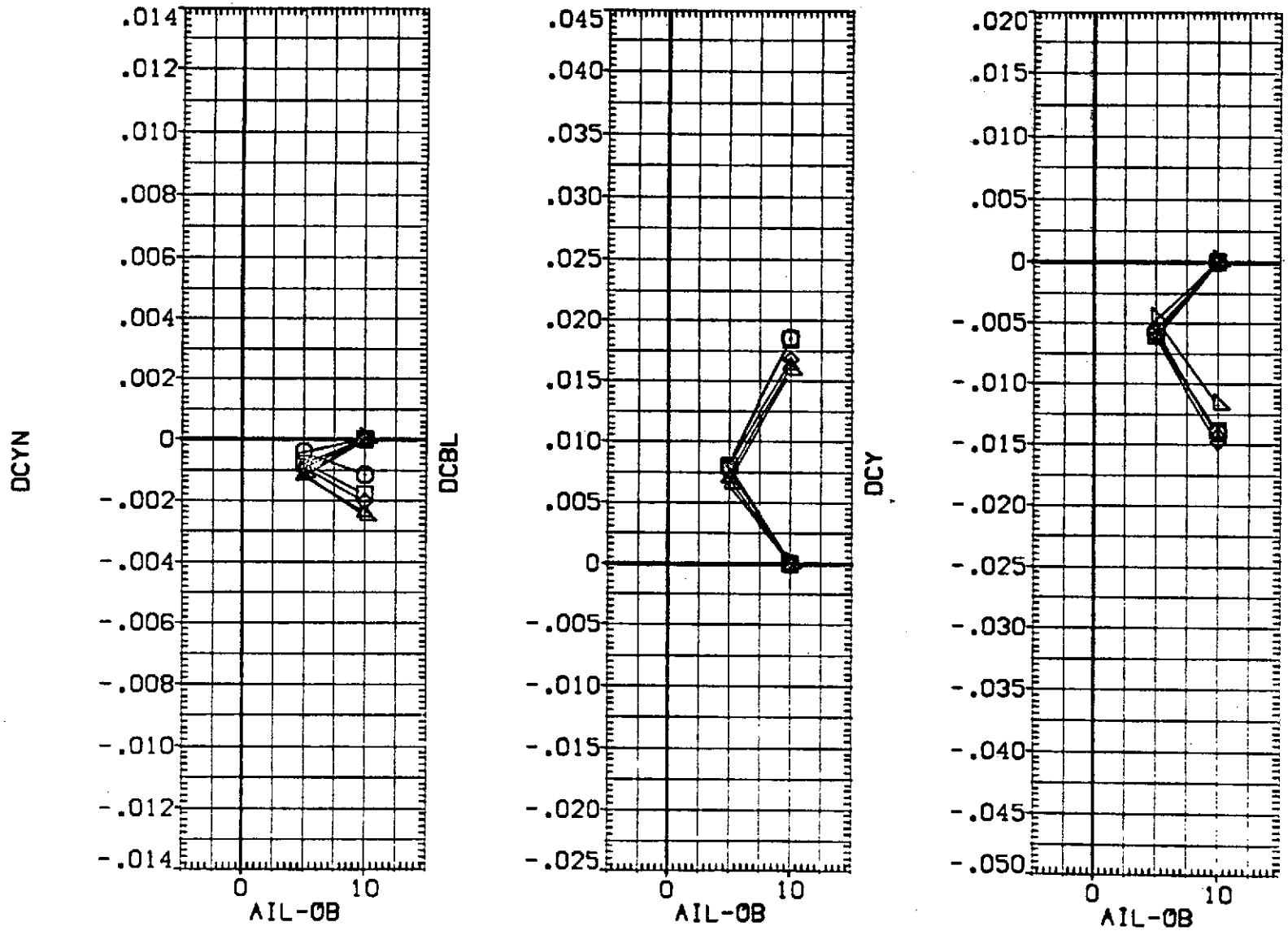


FIG 23 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (FF6021)

SYMBOL	ALPHA
○	20.000
□	22.000
◇	24.000
△	25.000

PARAMETRIC VALUES

MACH	.260	ELE-LI	10.000
ELE-LO	10.000	ELE-RI	10.000
ELE-RO	10.000	SPDBRK	25.000
BDFLAP	-12.000	RUDDER	.000
ELE-OB	10.000	BETA	.000

DATA SOURCE

DATASET	AIL-OB	DATASET	AIL-OB	
FF6021	10.000	FF6056	5.000	
FF6054	10.000			

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

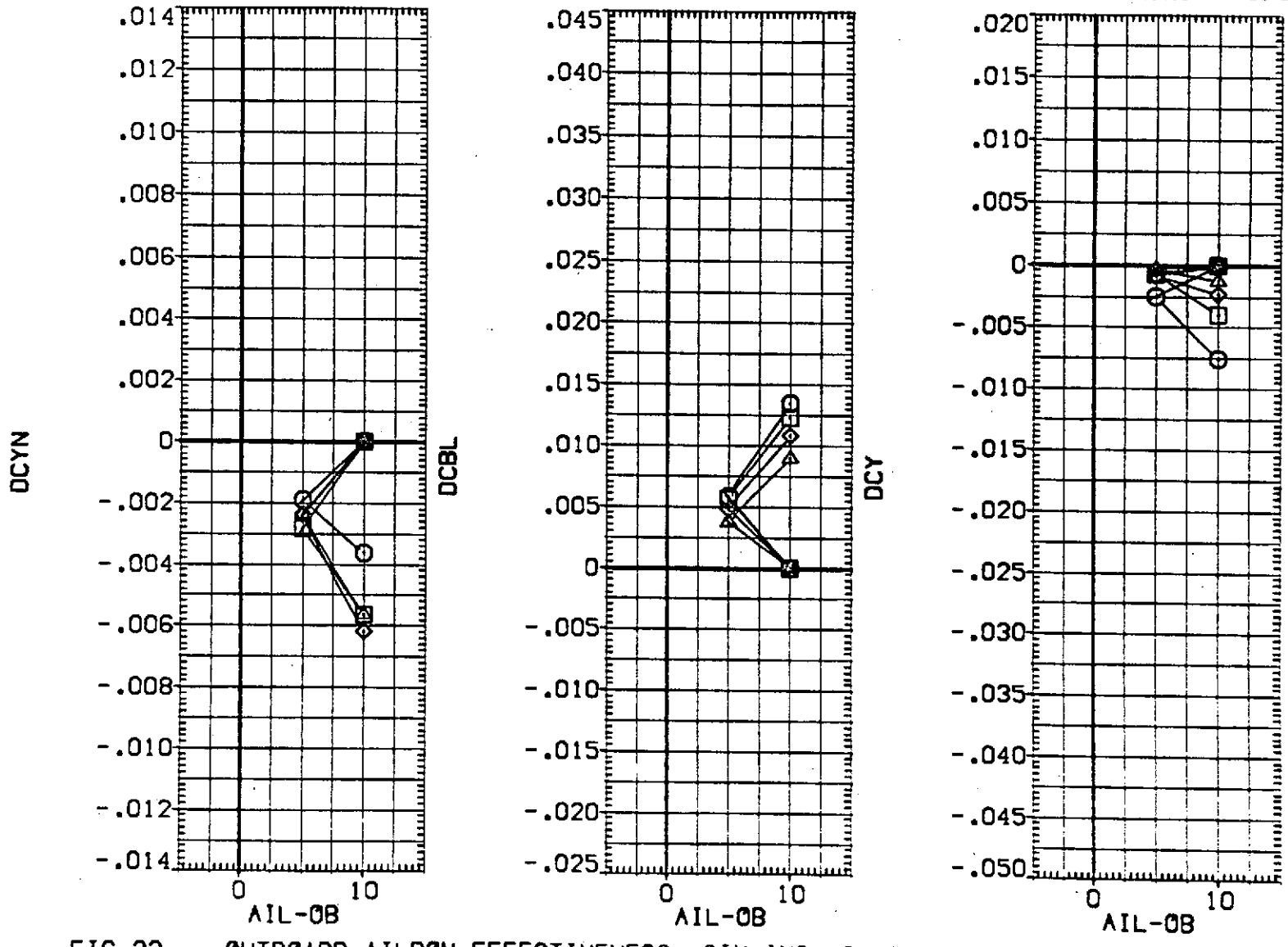


FIG 23 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 10 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6039)	○	0A118 B26C9M7F8W116E43V8R5X9	10.000	.000	.000	10.000
(BF6021)	□	0A118 B26C9M7F8W116E43V8R5X9	10.000	10.000	10.000	10.000
(BF6051)	◇	0A118 B26C9M7F8W116E43V8R5X9	10.000	20.000	20.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

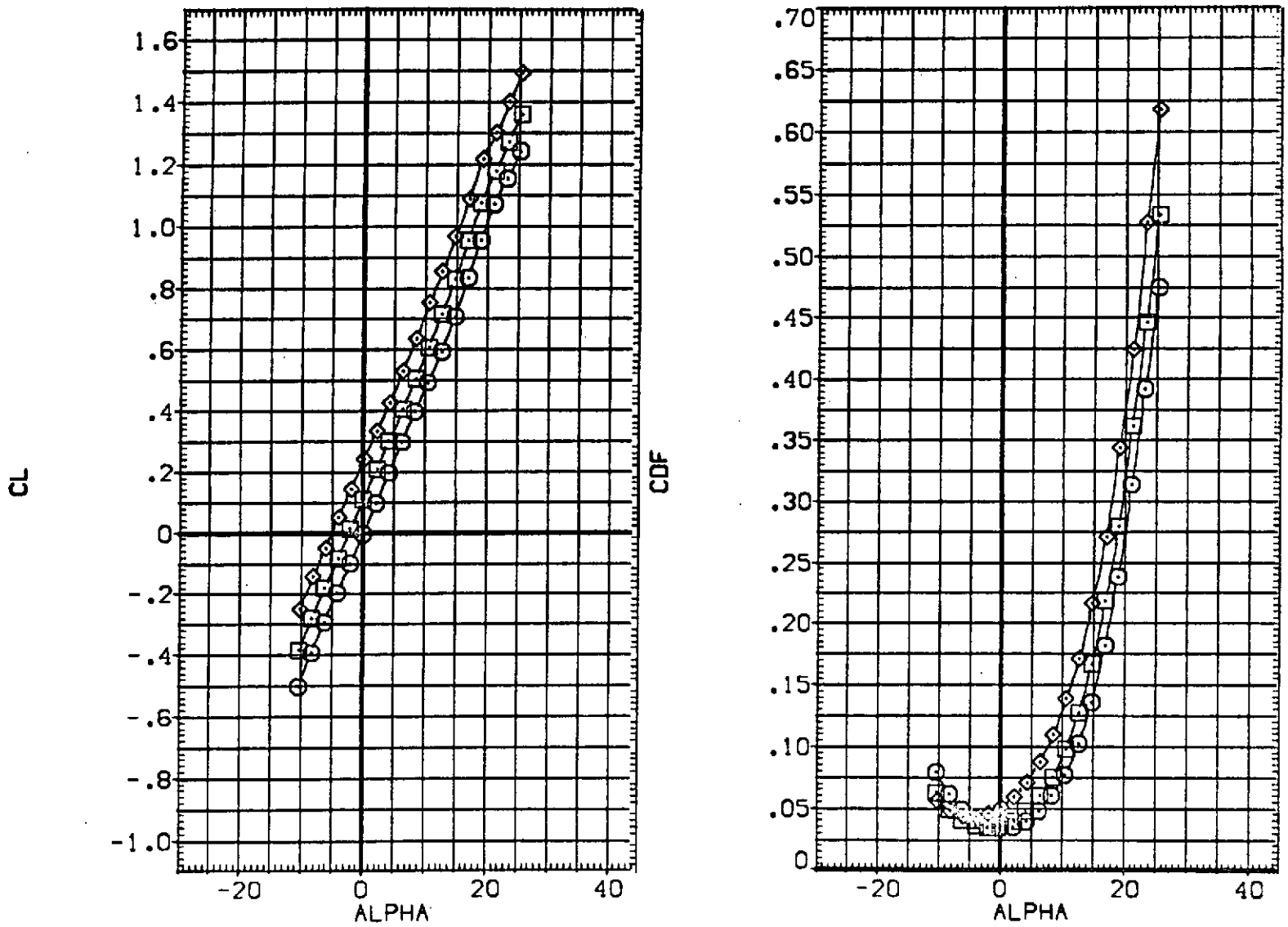


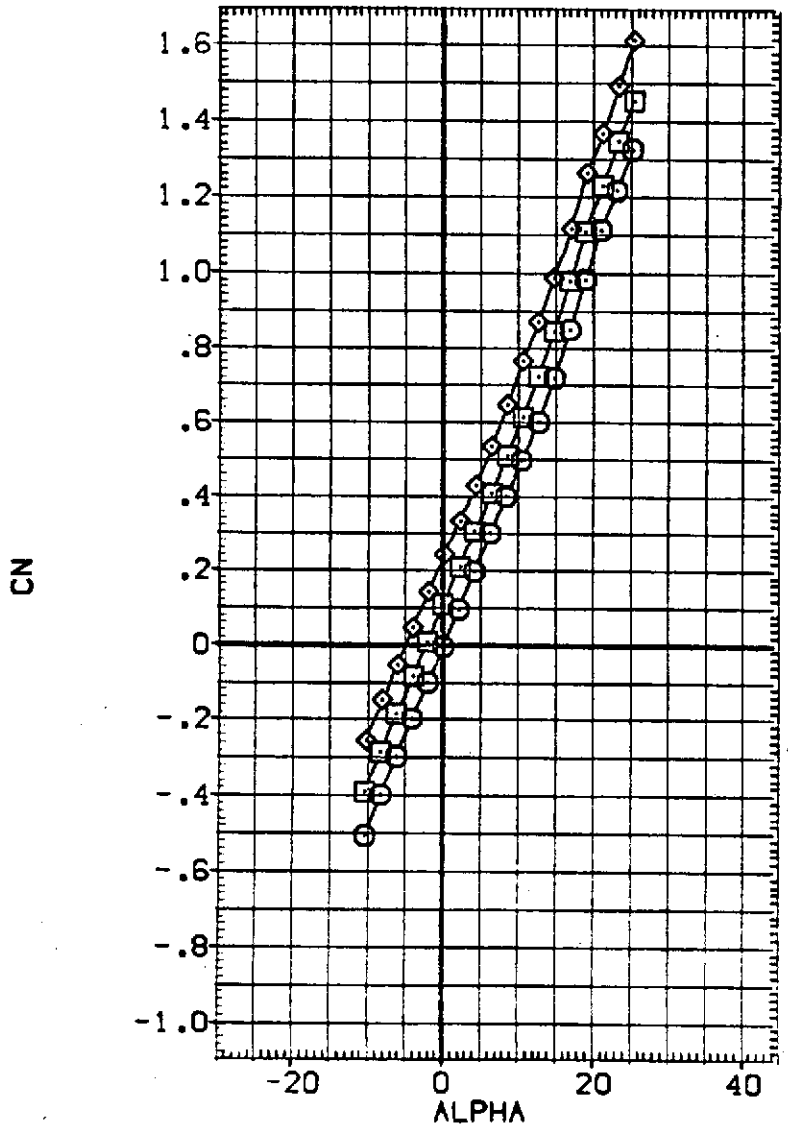
FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6039)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6051)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	.000	.000	10.000
10.000	10.000	10.000	10.000
10.000	20.000	20.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



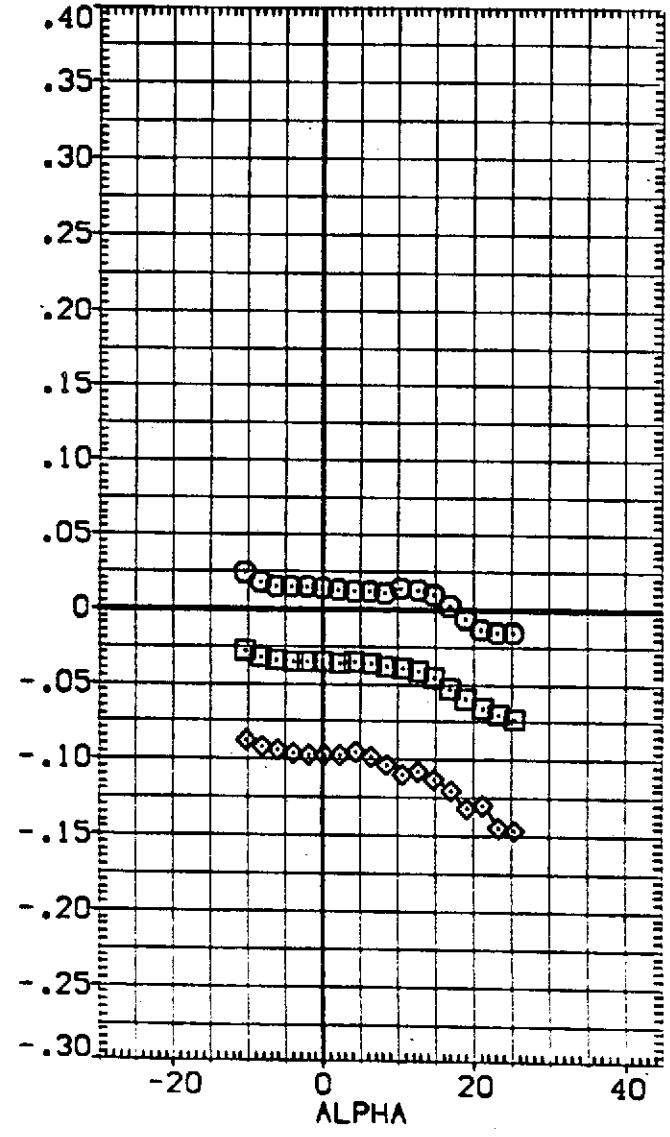


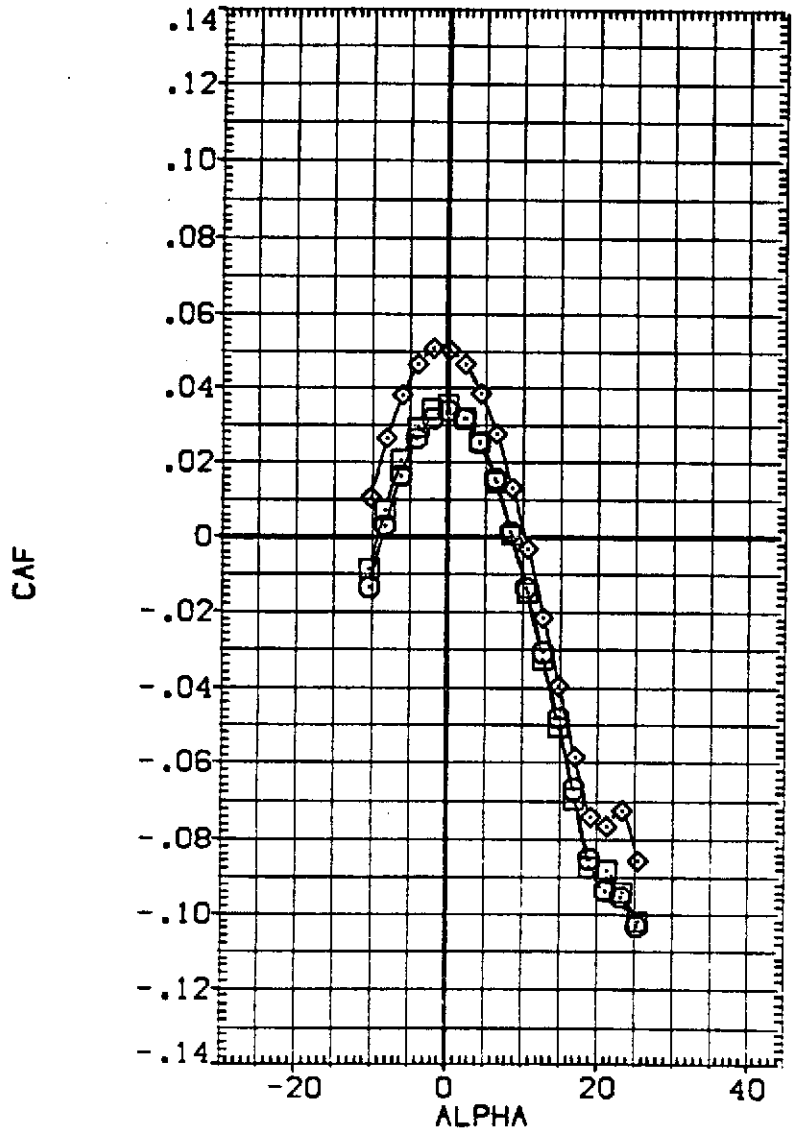
FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6039)	○	0A11B B26C9M7F8V116E43V8R5X9
(BF6021)	□	0A11B B26C9M7F8V116E43V8R5X9
(BF6051)	◇	0A11B B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	.000	.000	10.000
10.000	10.000	10.000	10.000
10.000	20.000	20.000	10.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



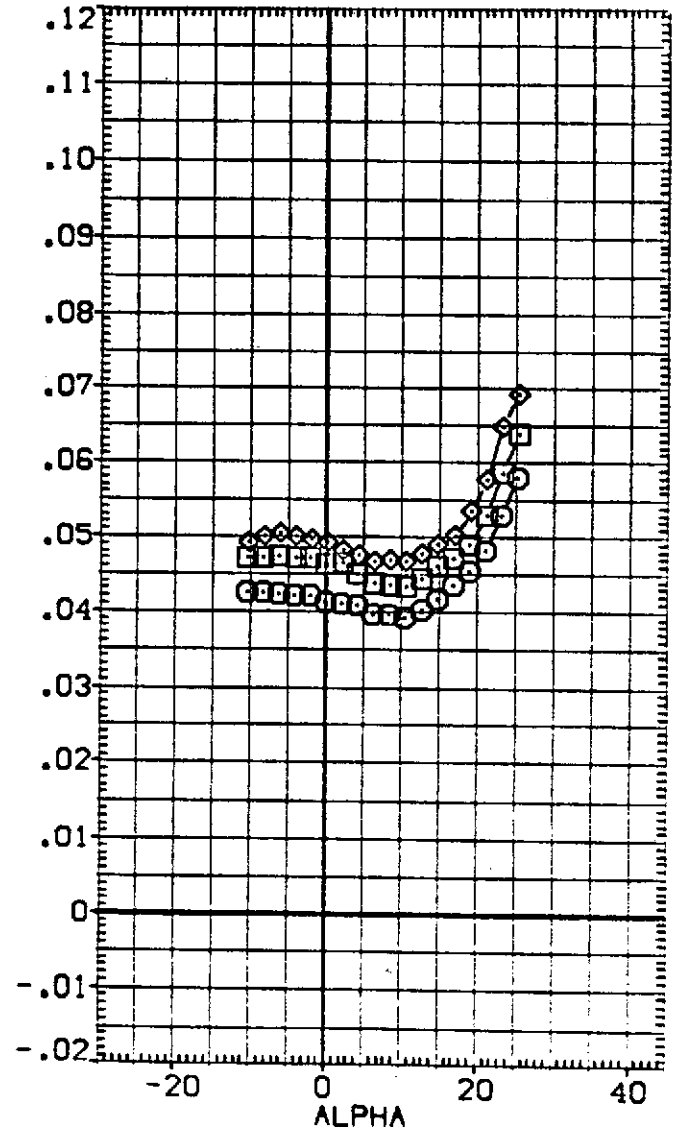


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

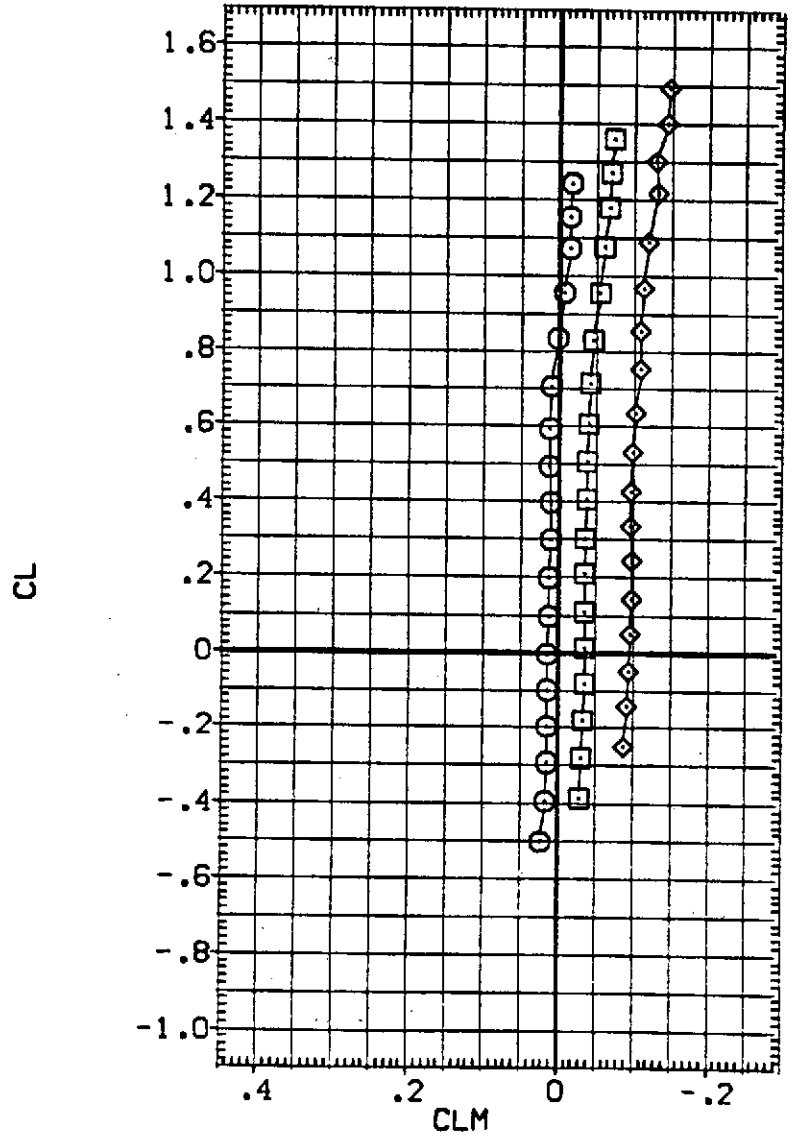
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6039)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6021)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6051)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	.000	.000	10.000
10.000	10.000	10.000	10.000
10.000	20.000	20.000	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



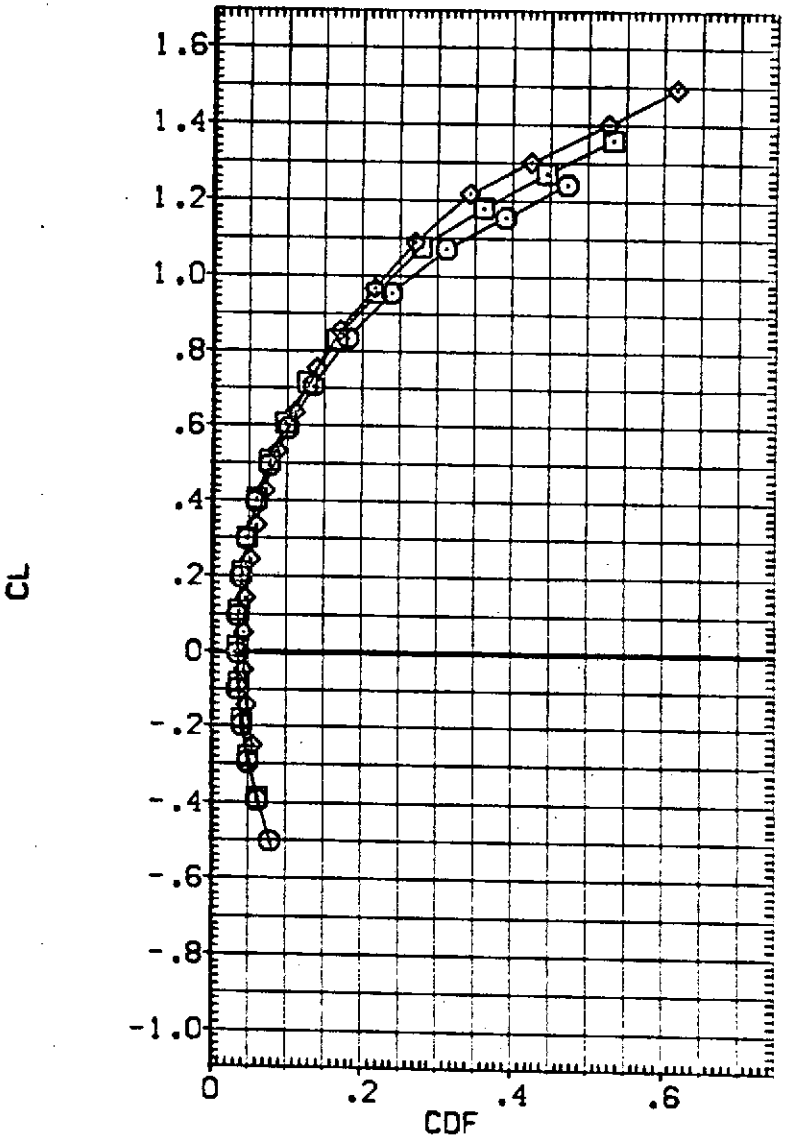


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

(A)MACH = .26

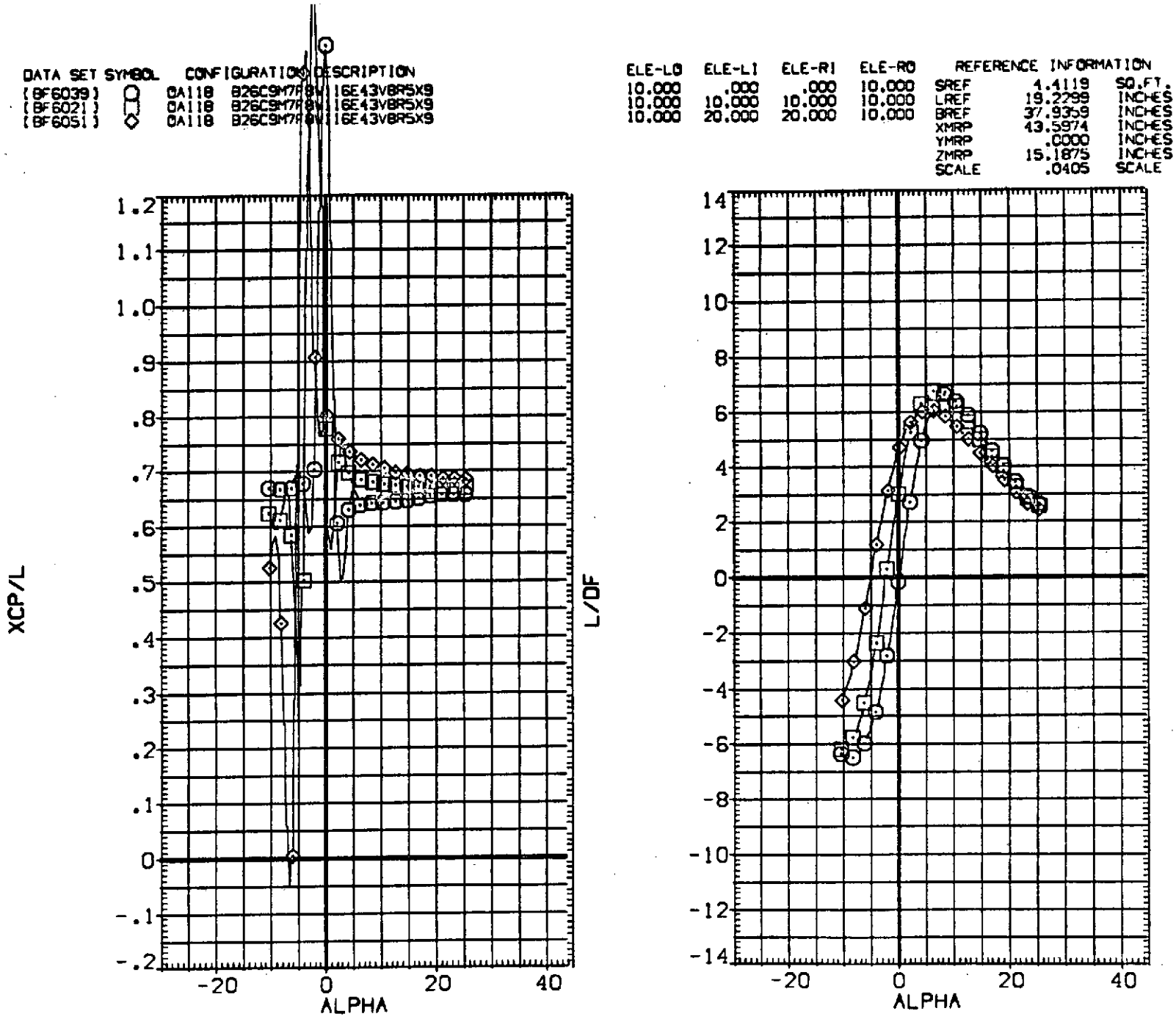


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000		LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	GF6051	20.000				BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	ELE-OB	10.000						XMRP	43.5974	INCHES
◿	-2.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

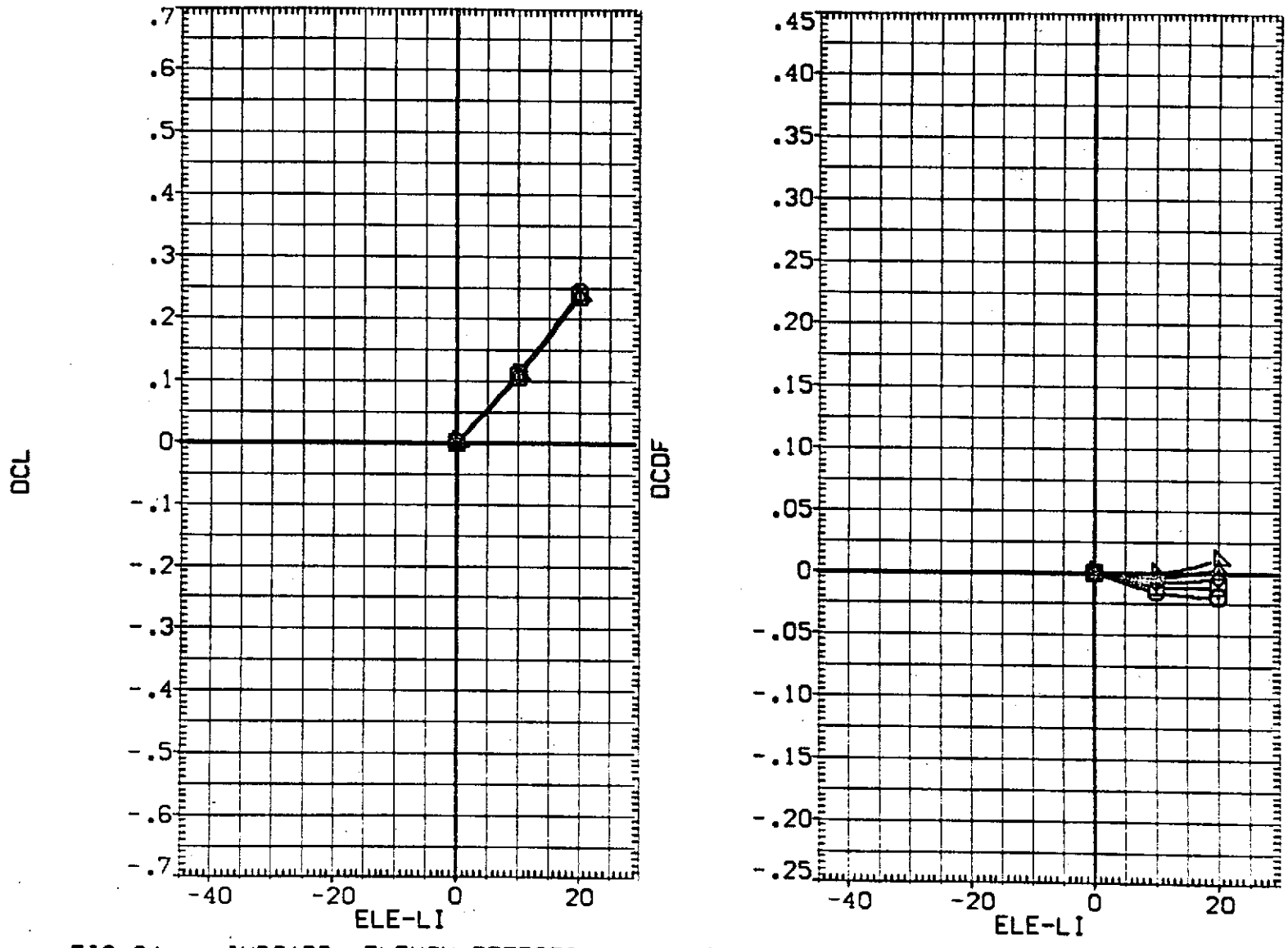
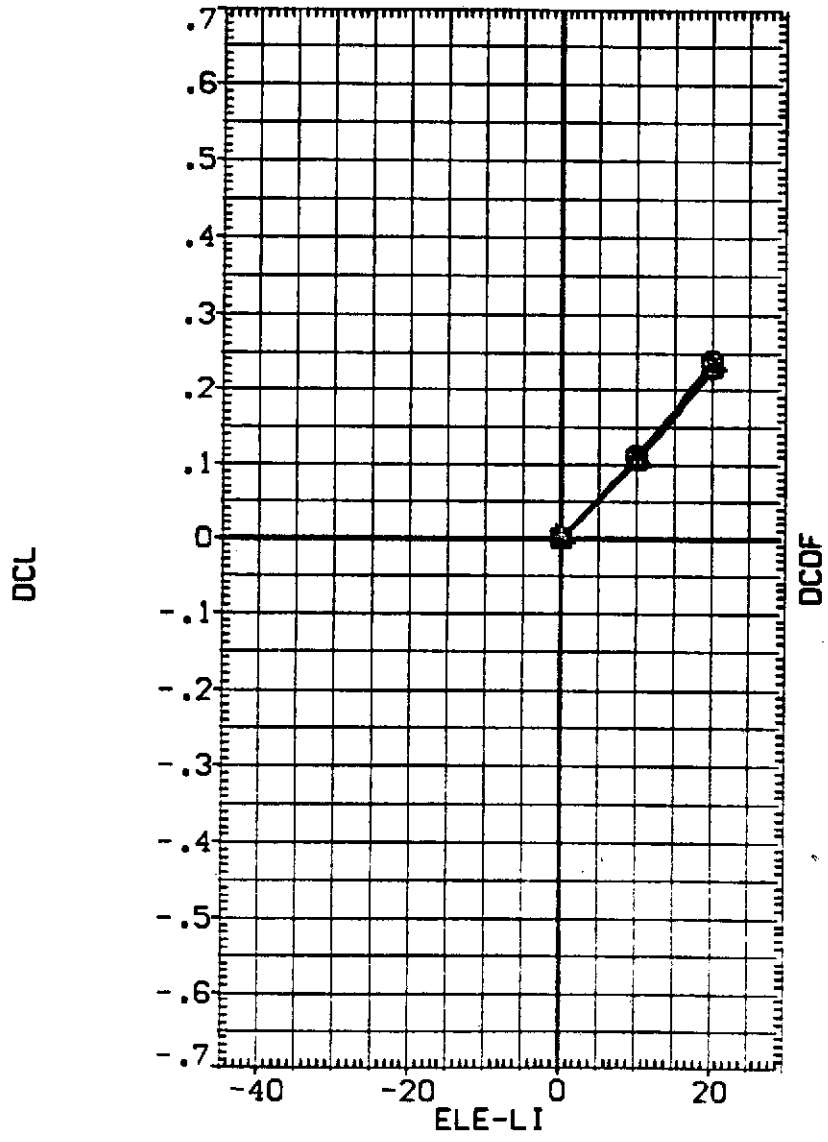


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI	SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000	LREF	19.2299	INCHES
◇	4.000	SPOBRK	25.000	BOFLAP	-12.000	GF6051	20.000			BREF	37.9359	INCHES
△	6.000	RUDDER	.000	ELE-OB	10.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



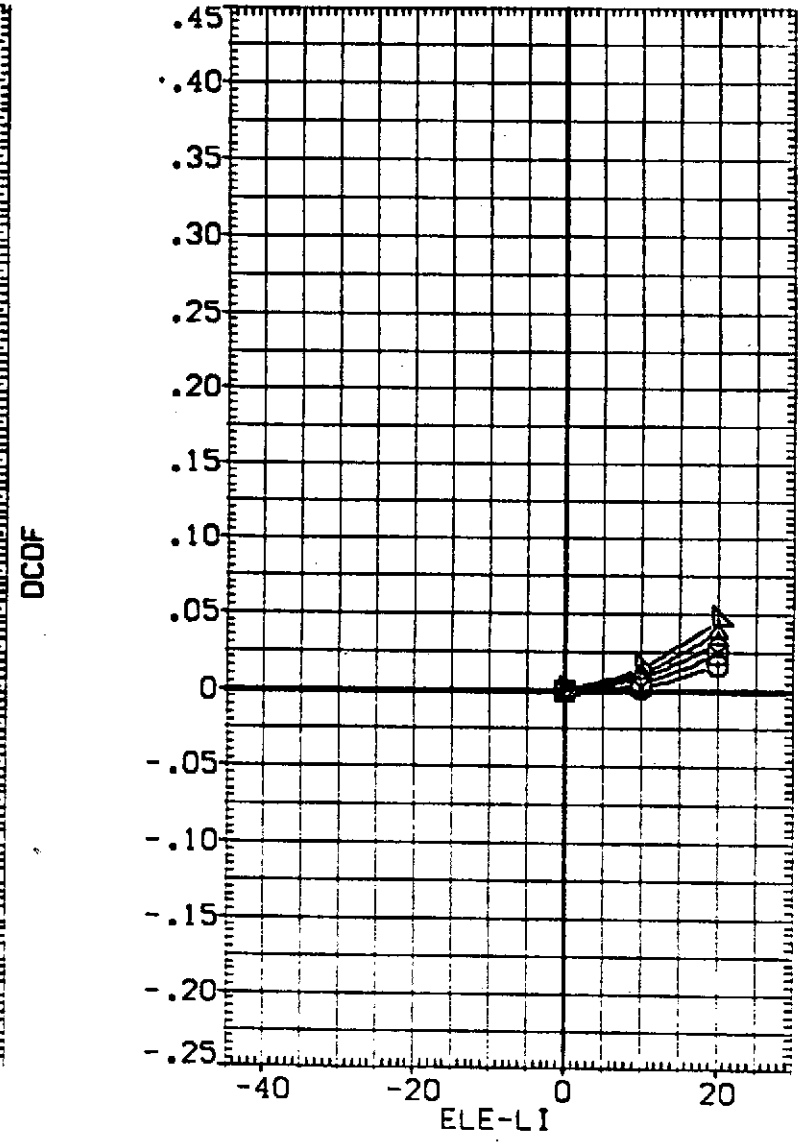
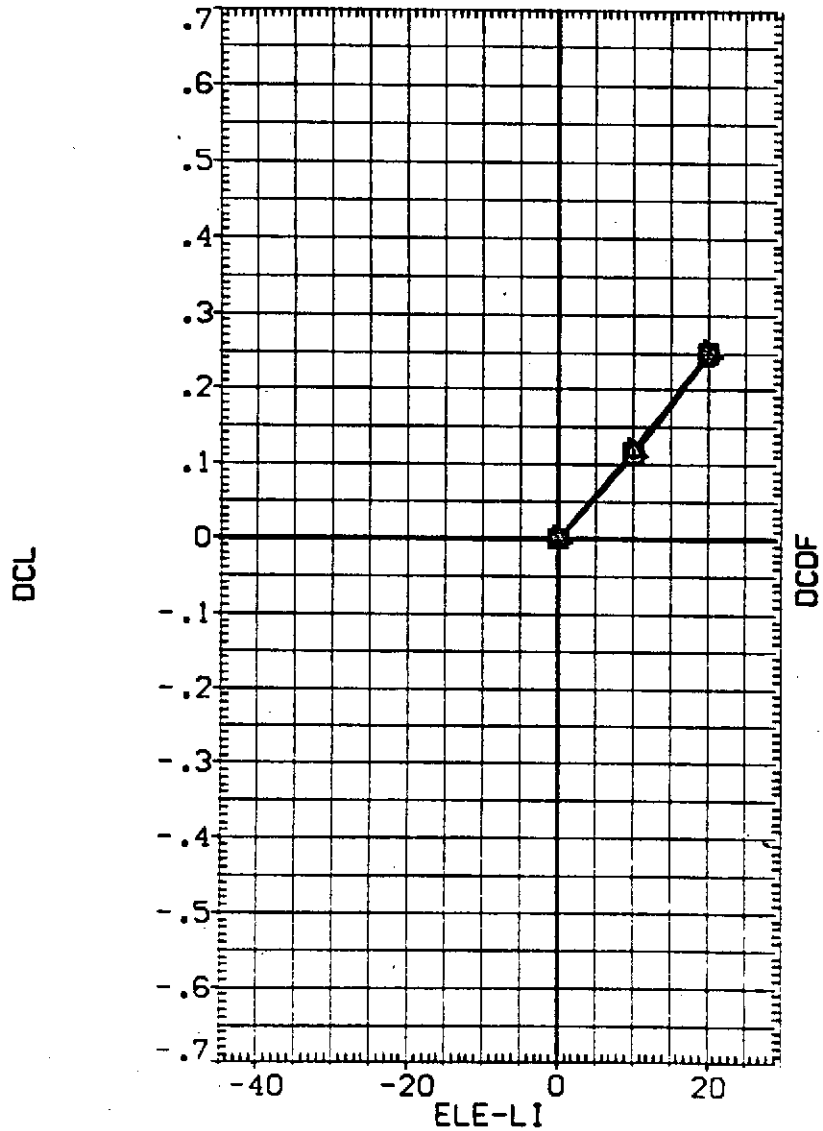


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000		LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BDFLAP	-12.000	GF6051	20.000				BREF	37.9359	INCHES
△	16.000	RUDDER	.000	ELE-OB	10.000						XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



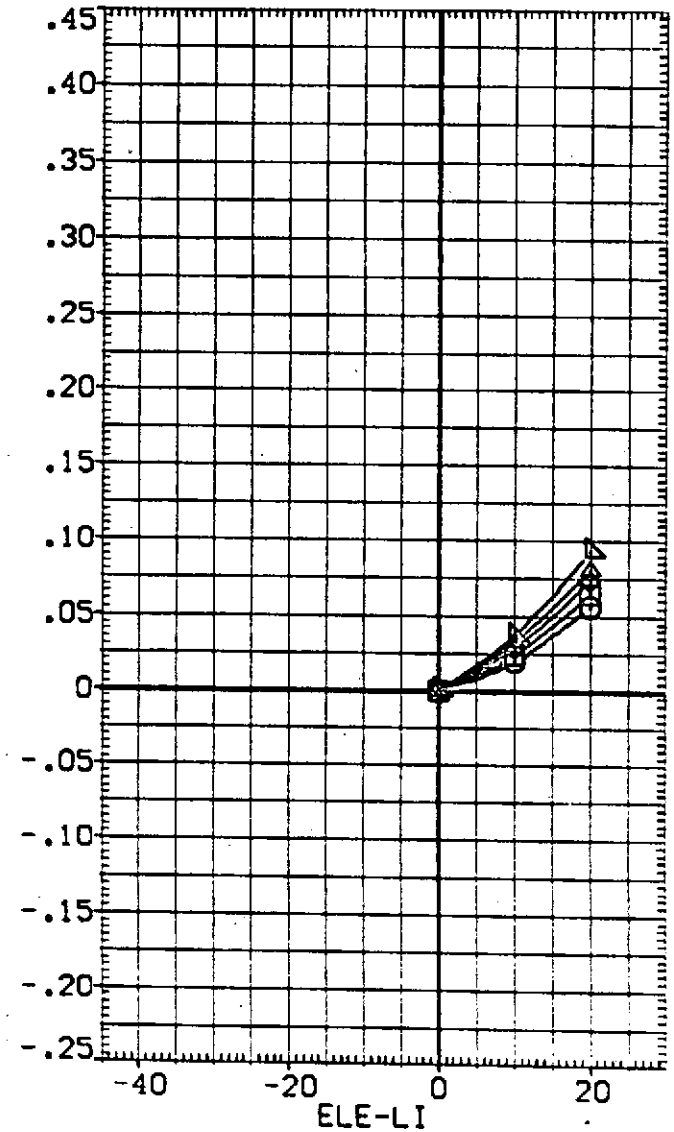


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI	SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000	LREF	19.2299	INCHES
◇	24.000	SPOBRK	25.000	BOFLAP	-12.000	GF6051	20.000			BREF	37.9359	INCHES
△	25.000	RUDDER	.000	ELE-OB	10.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

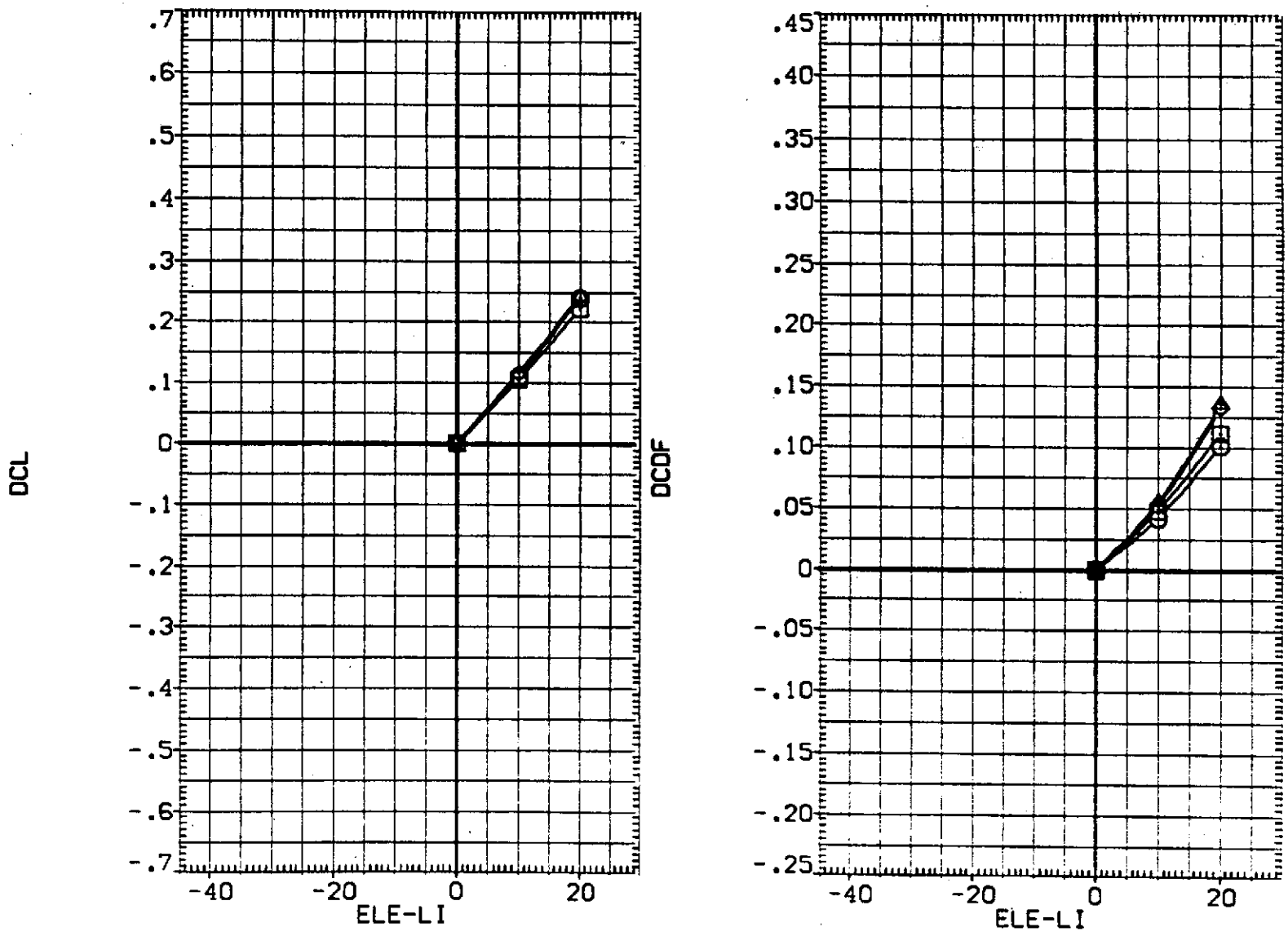
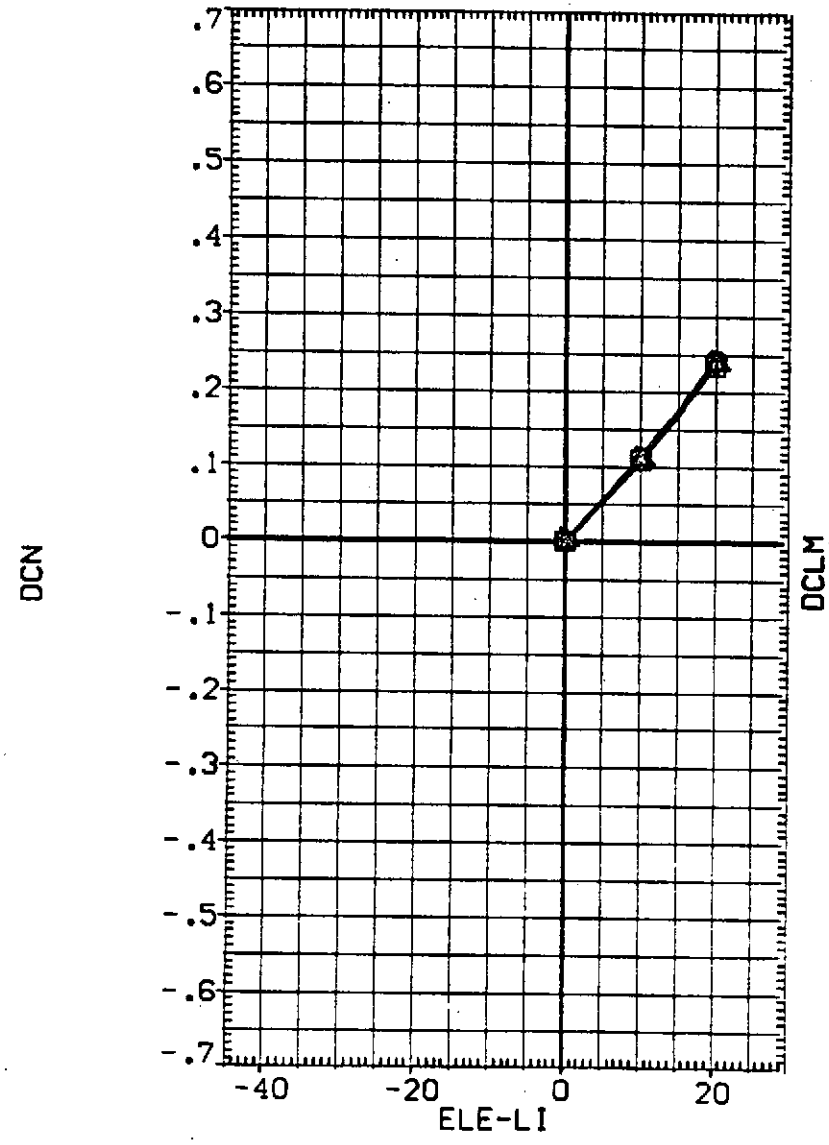


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI	SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000	LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	GF6051	20.000			BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	ELE-OB	10.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



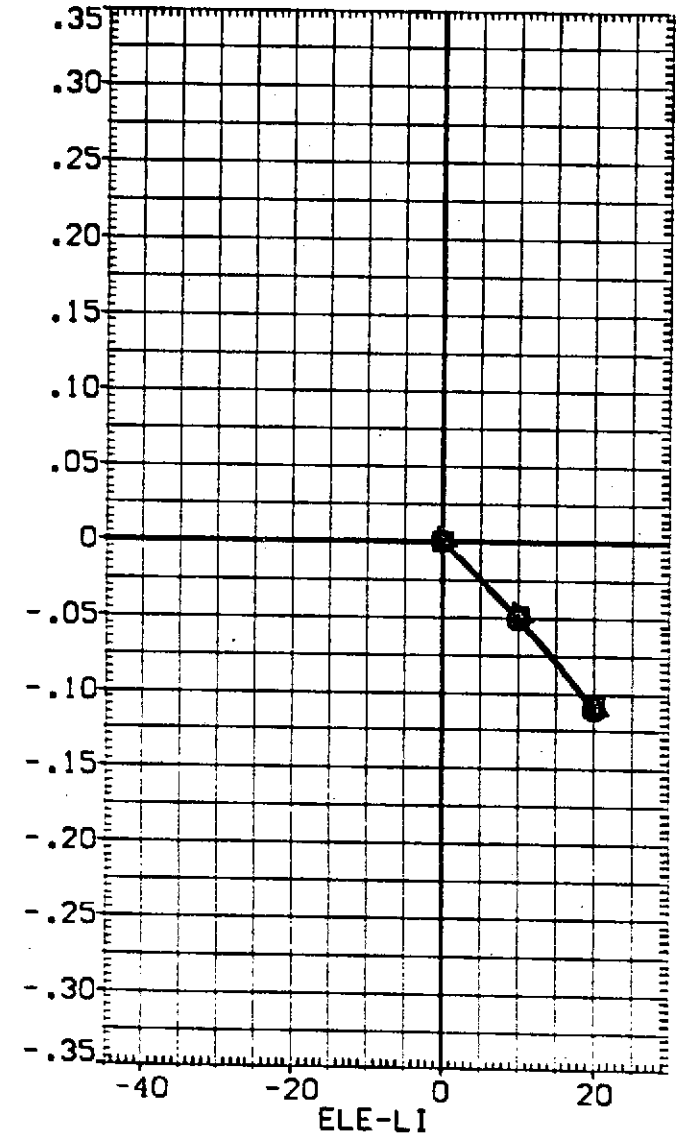
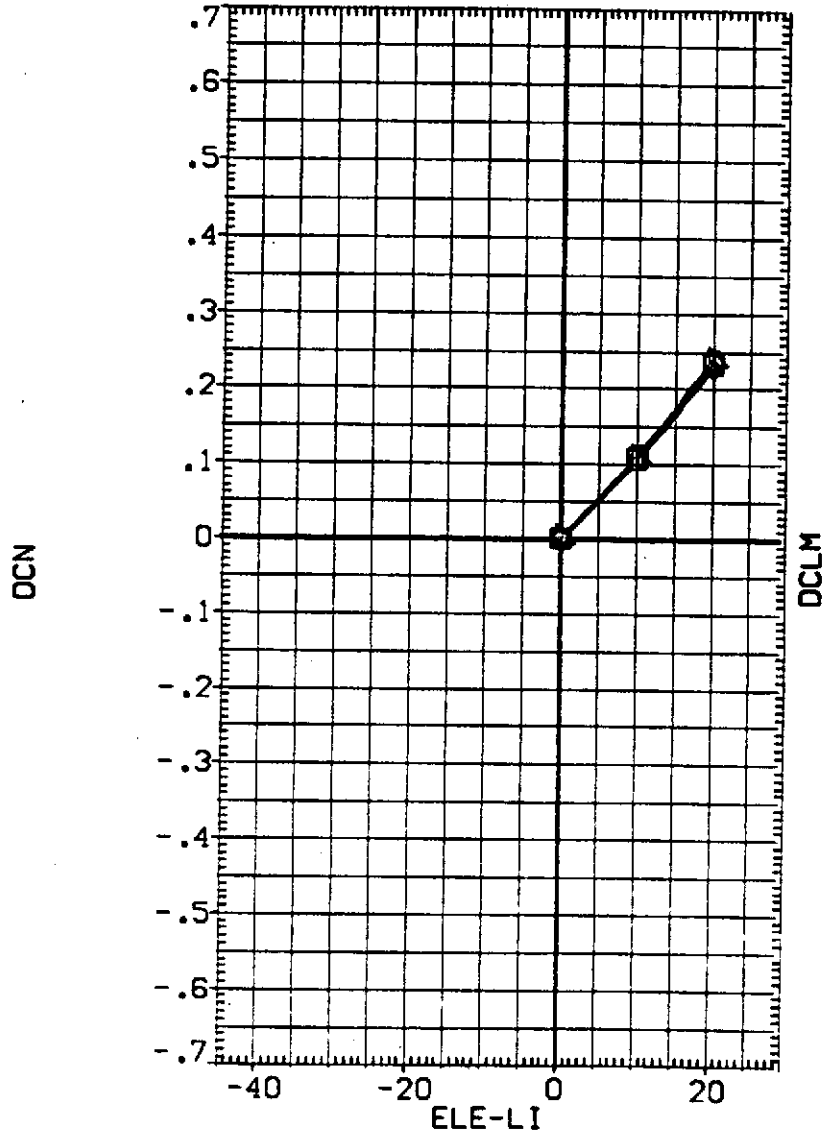


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI	SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000	LREF	19.2299	INCHES
◇	4.000	SPOBRK	25.000	BOFLAP	-12.000	GF6051	20.000			BREF	37.9359	INCHES
△	6.000	RUDDER	.000	ELE-OB	10.000					XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



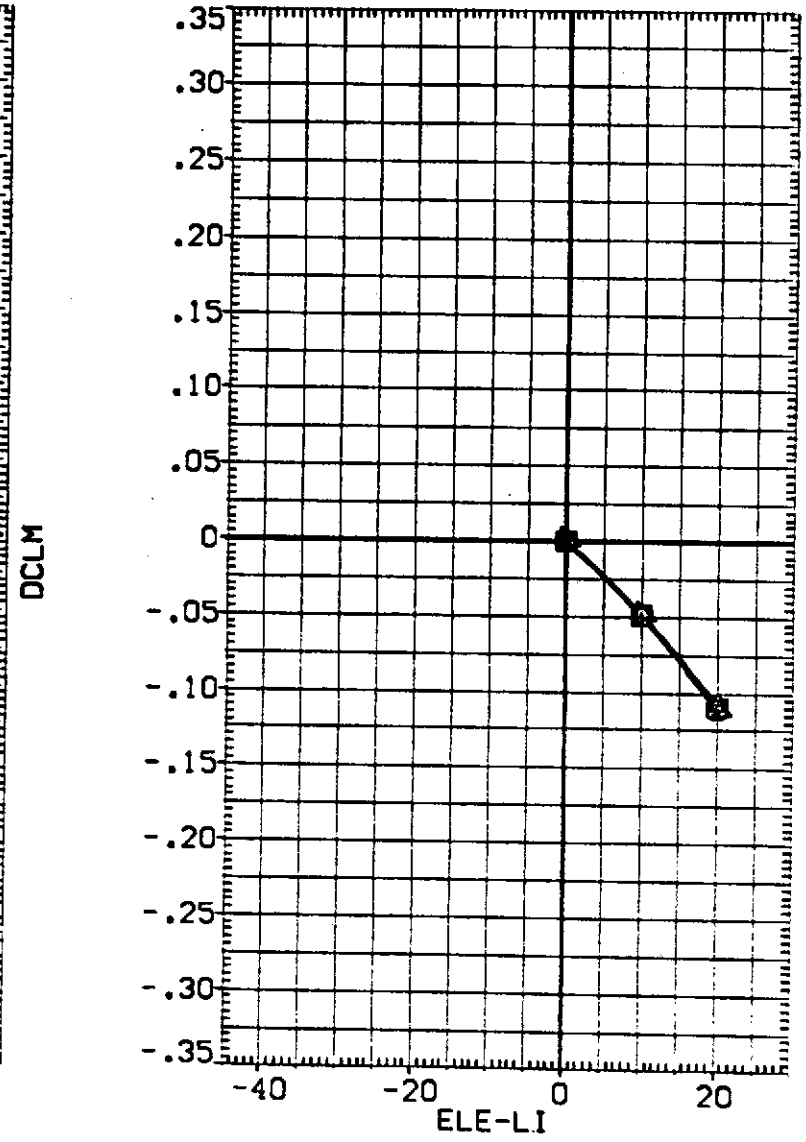
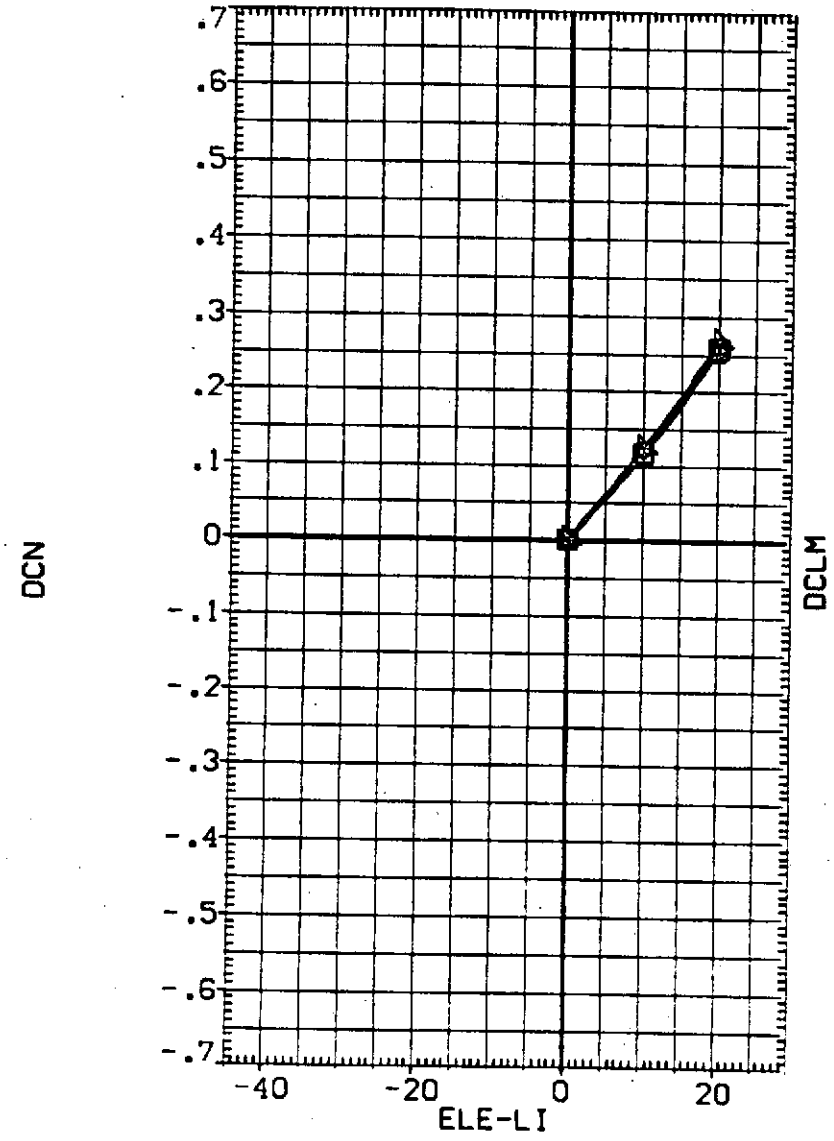


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	10.000	DATASET	ELE-LI	DATASET	ELE-LI	SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	.000	ELE-RO	10.000	GF6039	.000	GF6021	10.000	LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BOFLAP	-12.000	GF6051	20.000			BREF	37.9359	INCHES
△	16.000	RUDDER	.000	ELE-OB	10.000					XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0105	SCALE



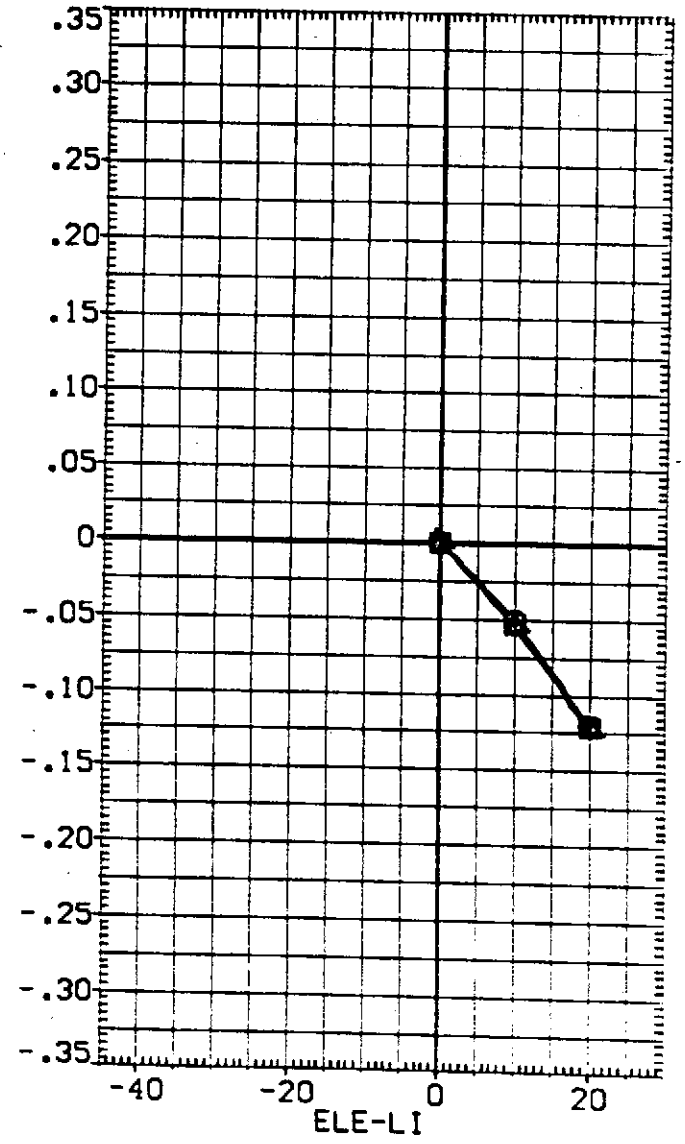


FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6039)

SYMBOL	ALPHA
○	20.000
□	22.000
◇	24.000
△	25.000

PARAMETRIC VALUES

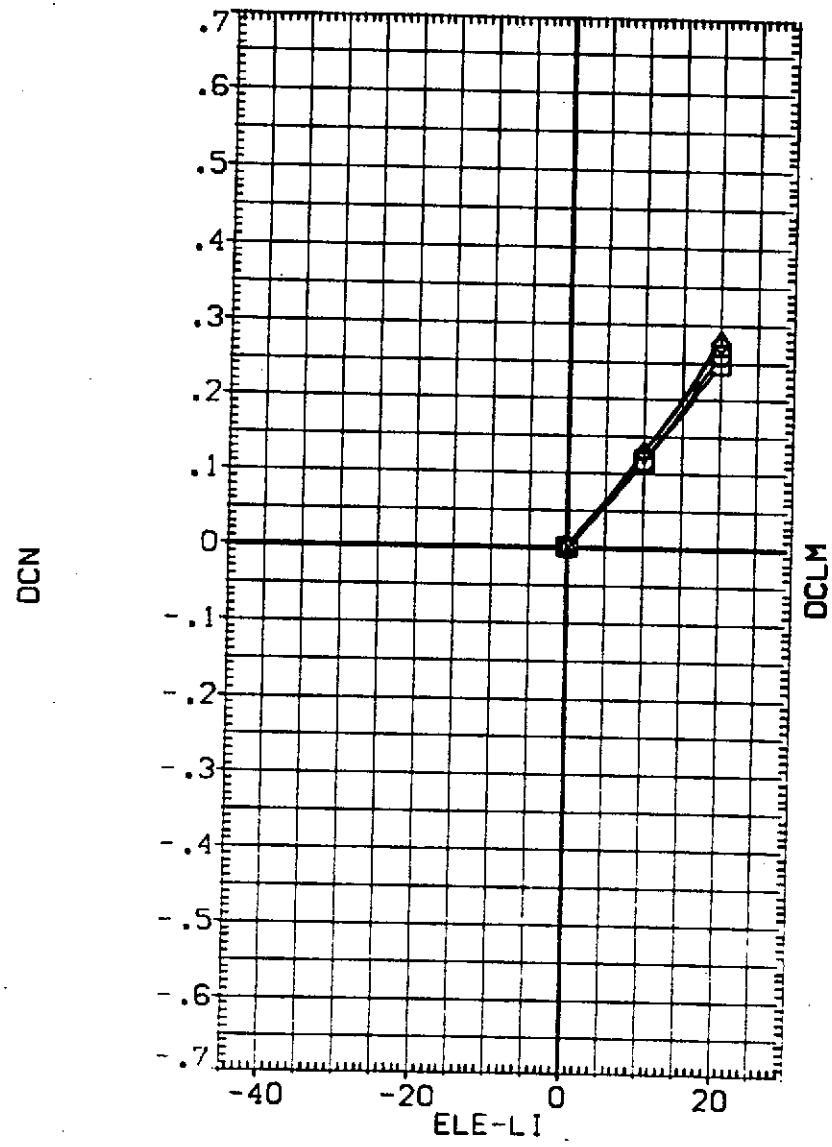
MACH	.260	ELE-LO	10.000	DATASET	ELE-LI
ELE-RI	.000	ELE-RO	10.000	GF6039	.000
SPOBRK	25.000	BOFLAP	-12.000	GF6051	20.000
RUDDER	.000	ELE-OB	10.000		
AIL-OB	.000	BETA	.000		

DATA SOURCE

DATASET	ELE-LI
GF6021	10.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



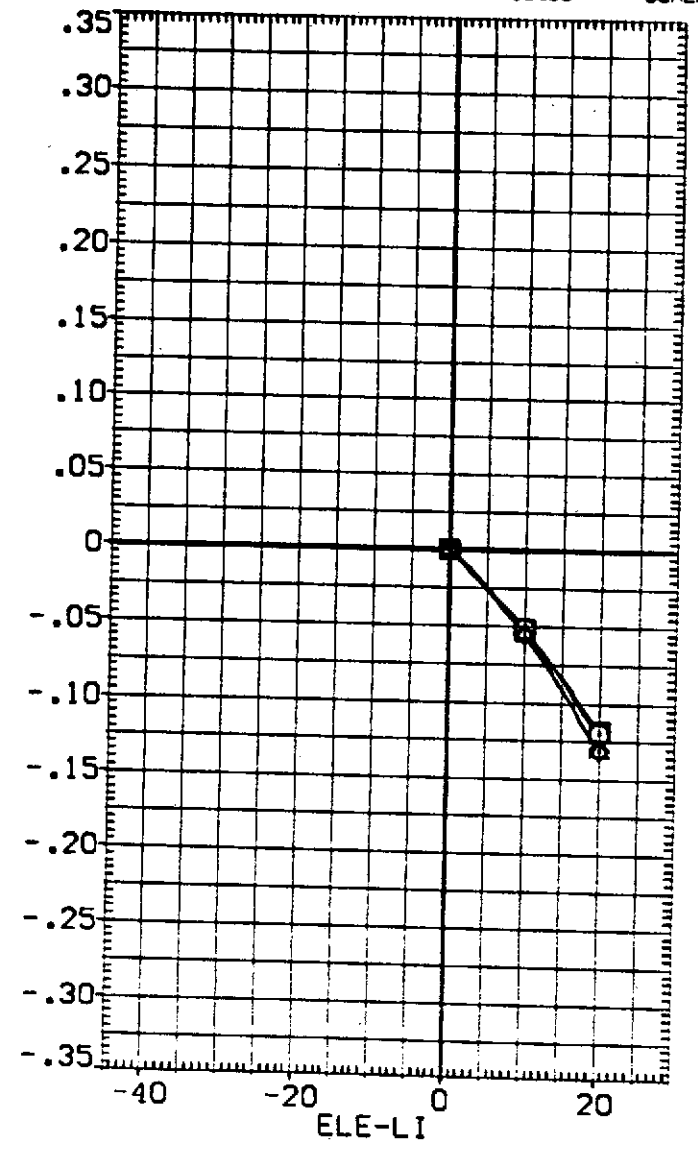


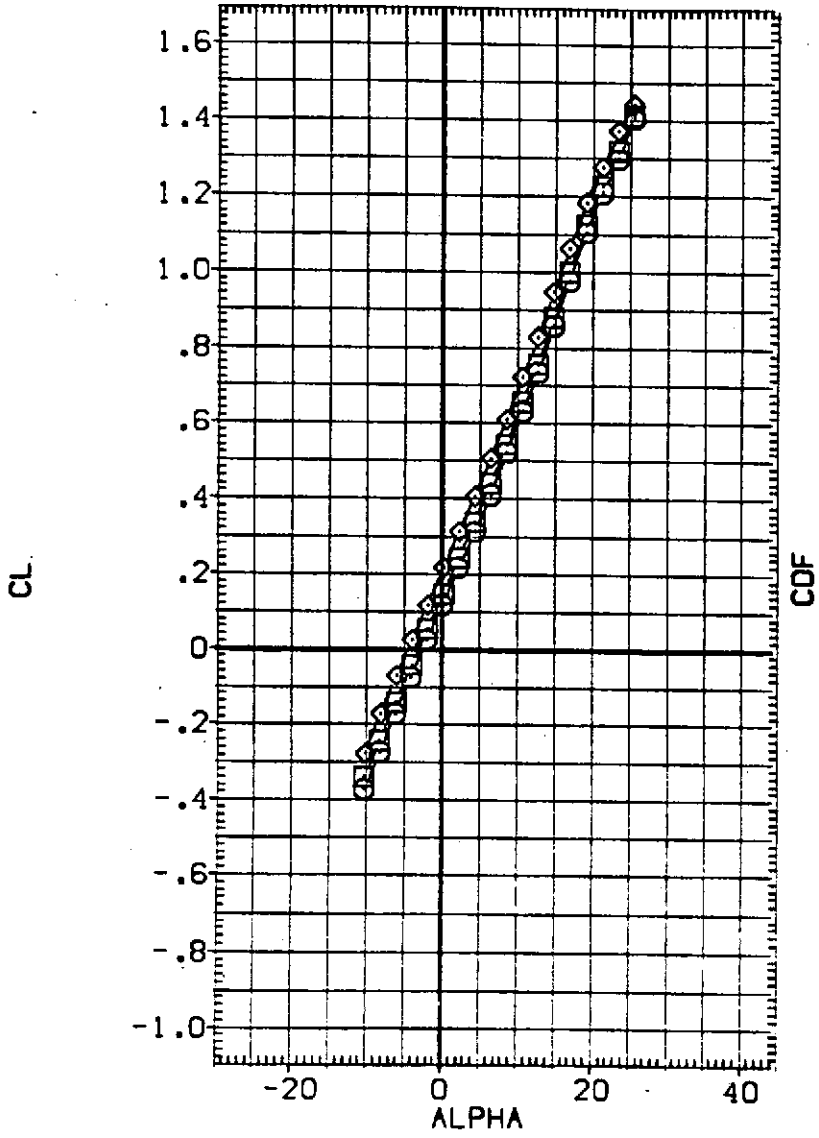
FIG 24 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, OTBD ELEVON = 10 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6044)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6045)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6022)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	15.000	15.000	.000
5.000	15.000	15.000	5.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



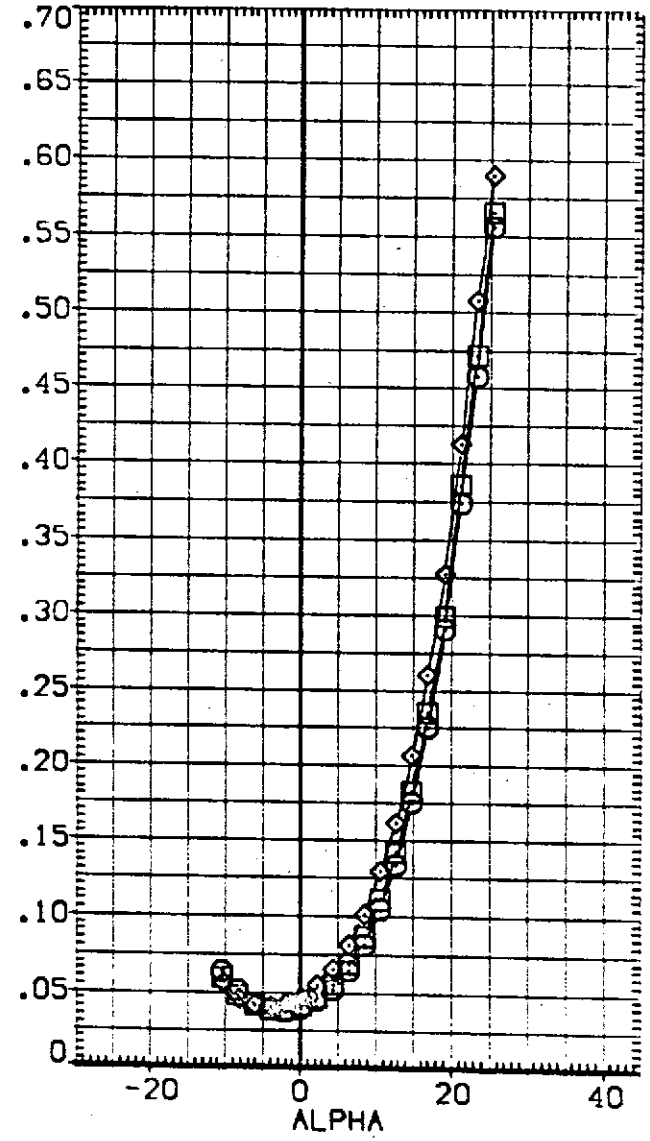


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6044)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6045)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6022)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	15.000	15.000	.000
5.000	15.000	15.000	5.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

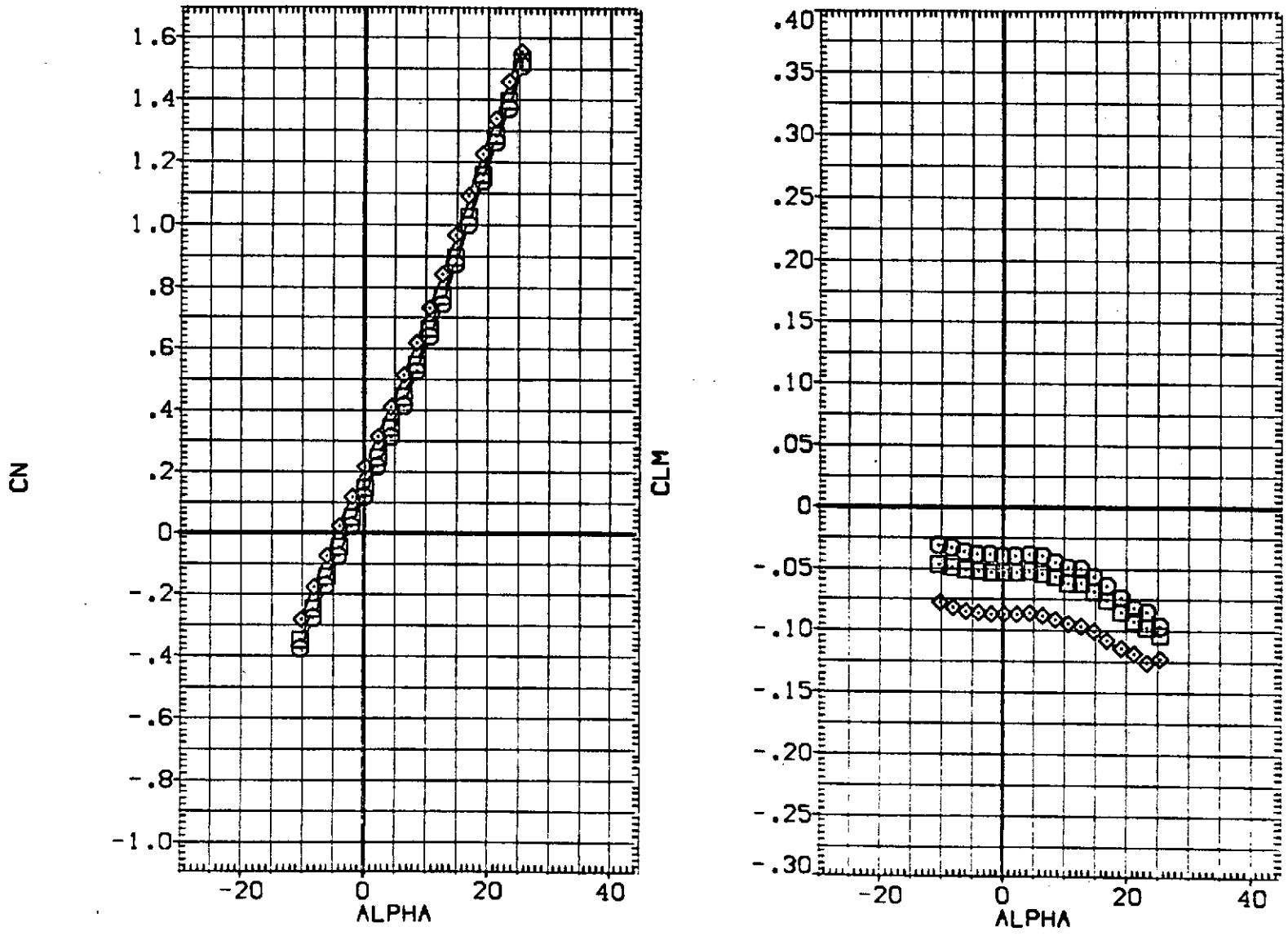


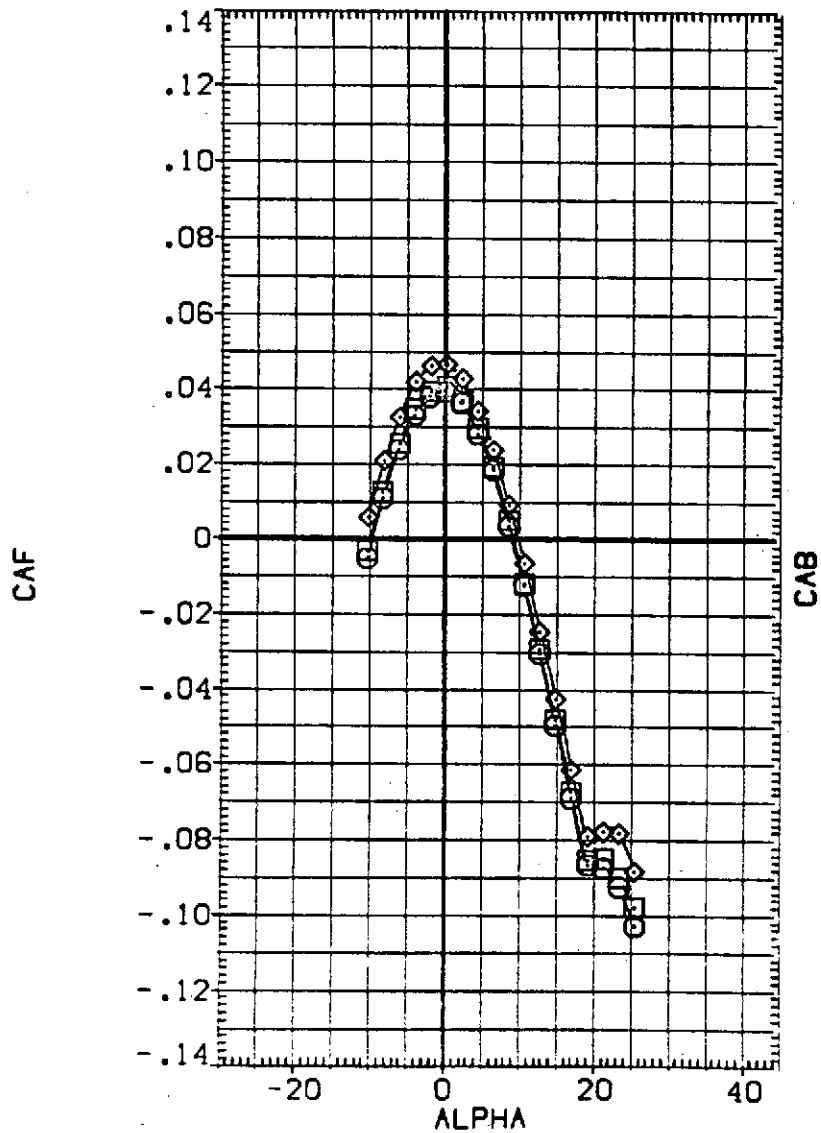
FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6044)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6045)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6022)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	15.000	15.000	.000
5.000	15.000	15.000	5.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



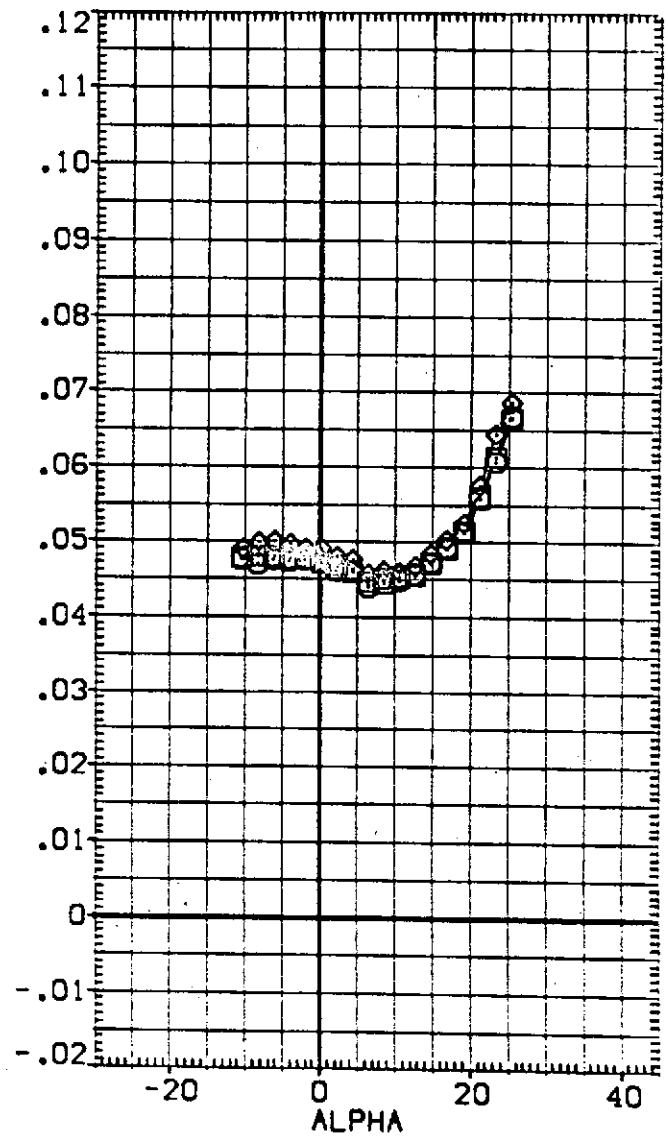


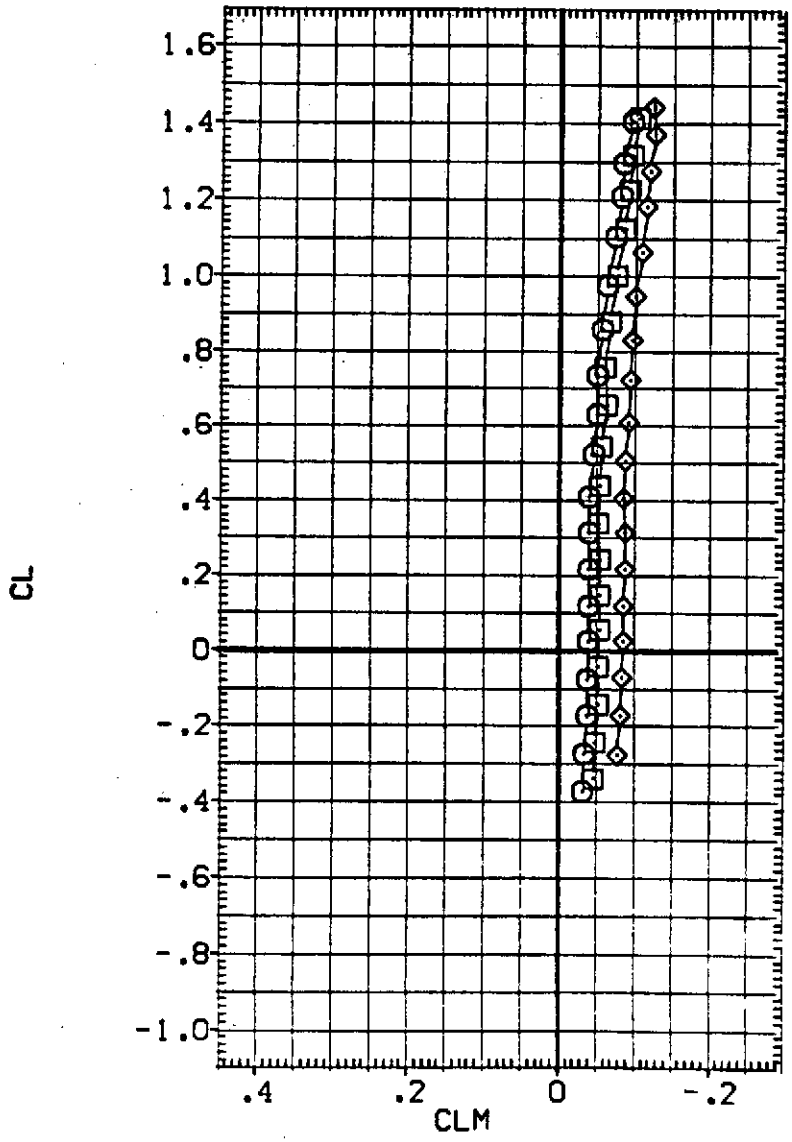
FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6044)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6045)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6022)	◇	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	15.000	15.000	.000
5.000	15.000	15.000	5.000
15.000	15.000	15.000	15.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



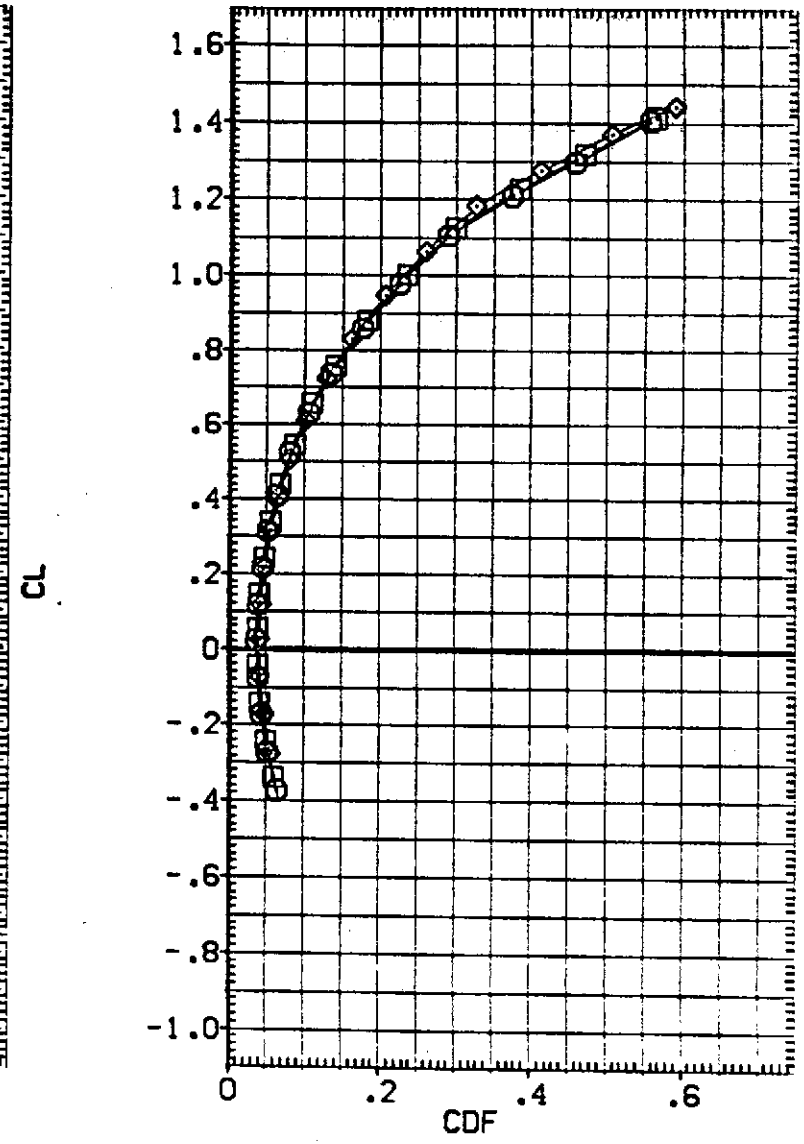


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

(A)MACH = .26

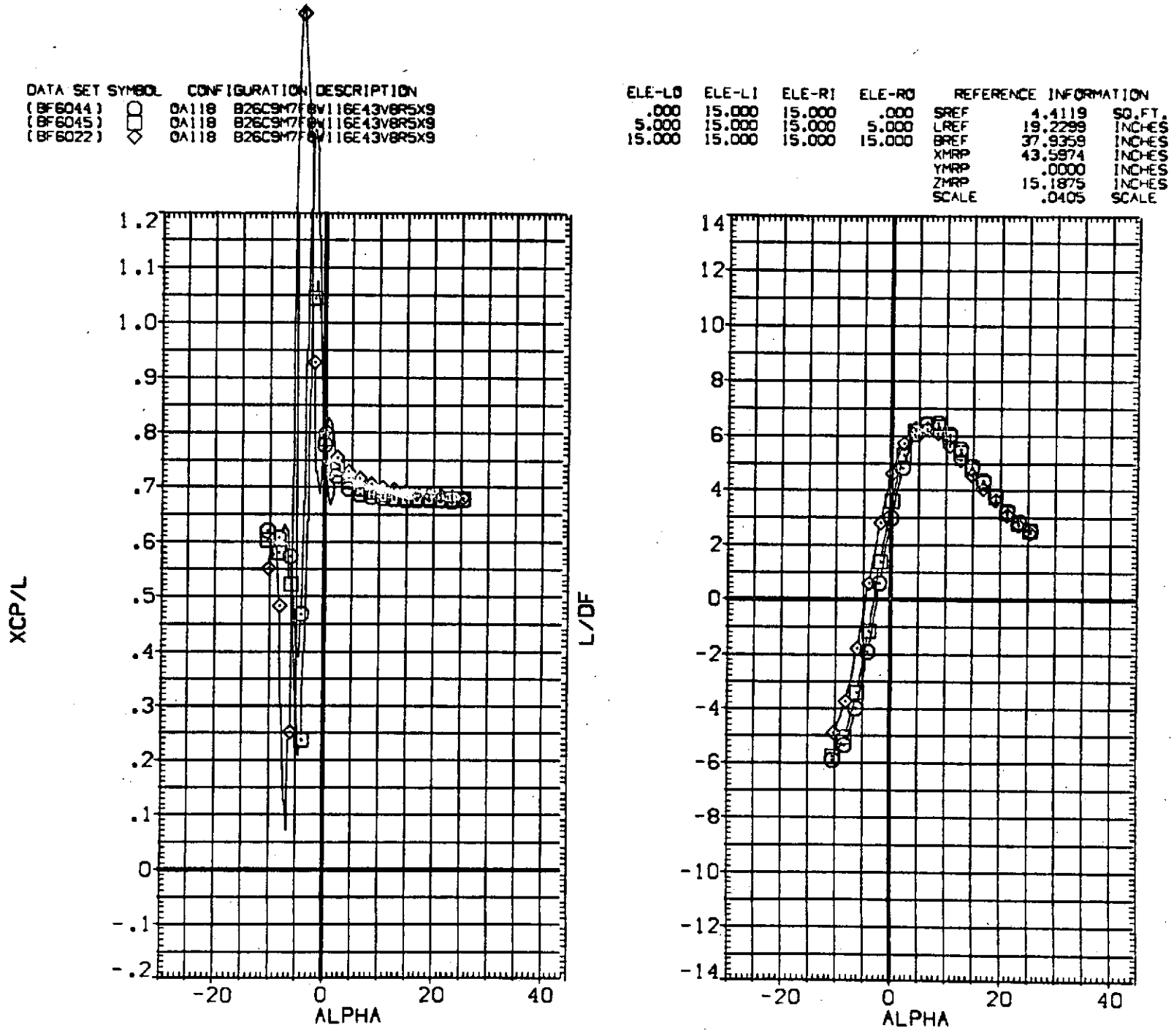


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

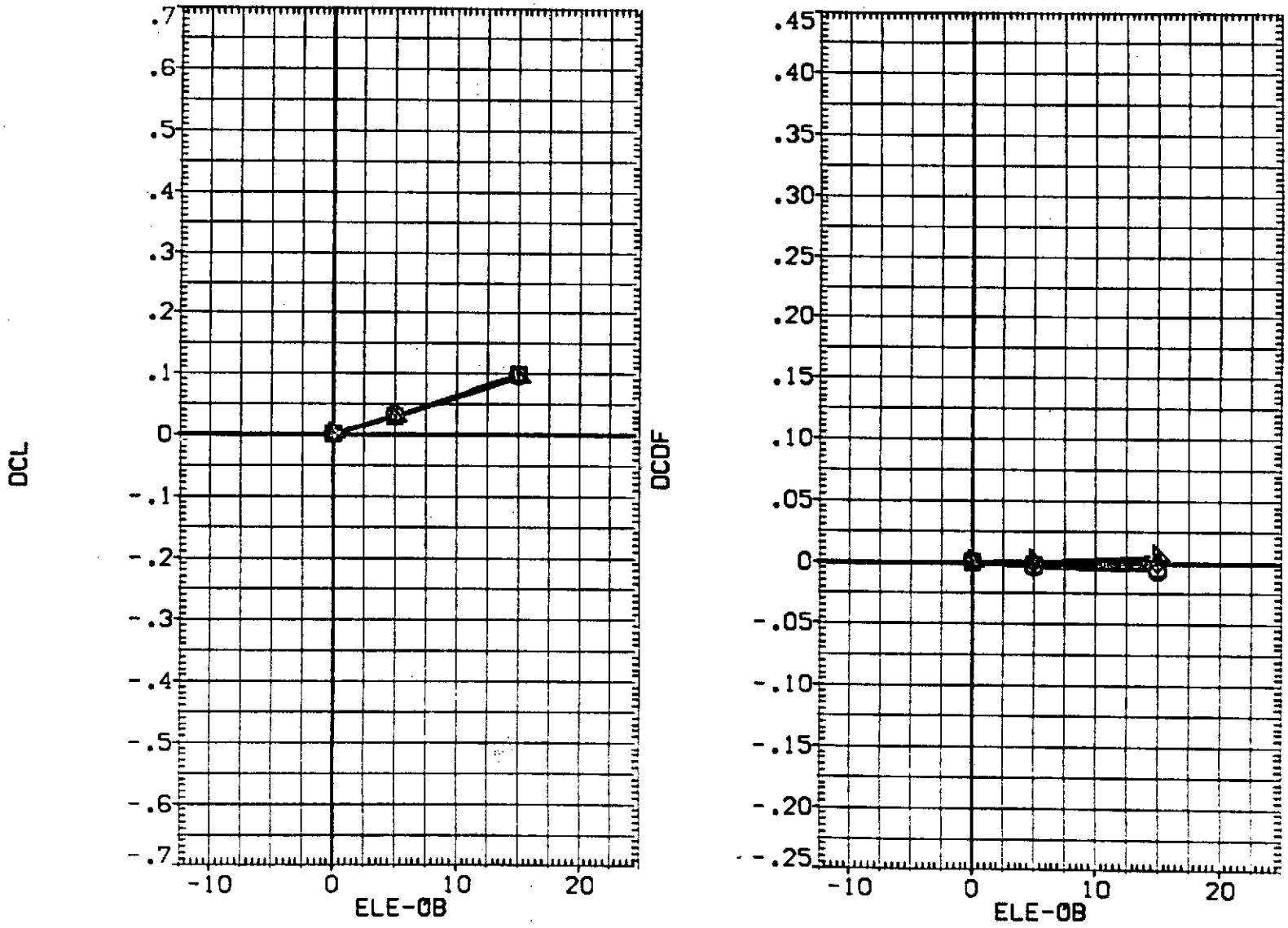
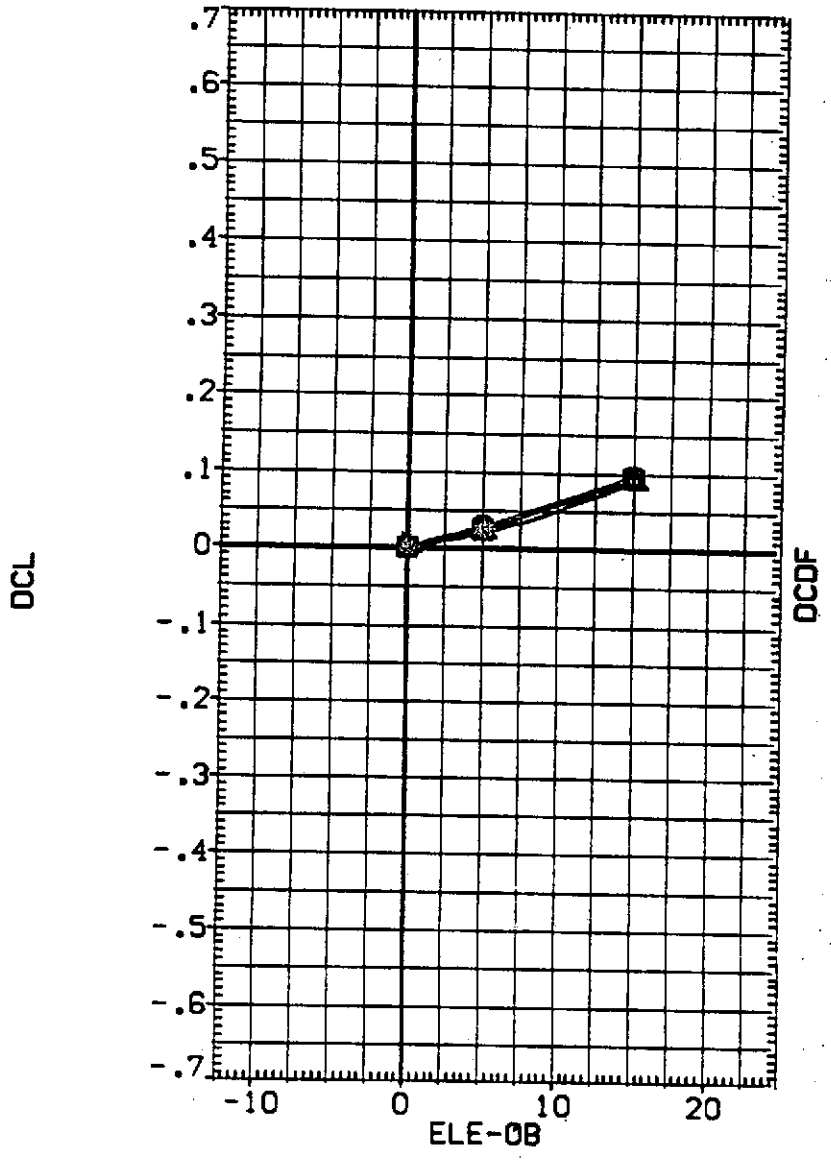


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	8.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



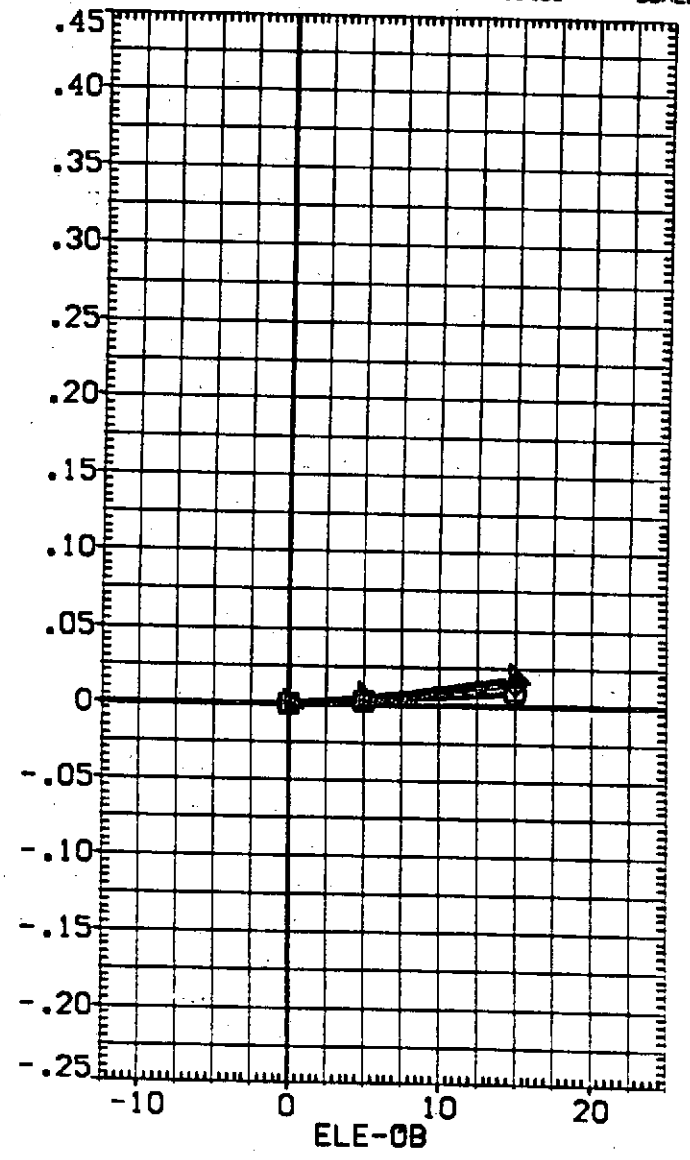


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5874	INCHES
◺	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

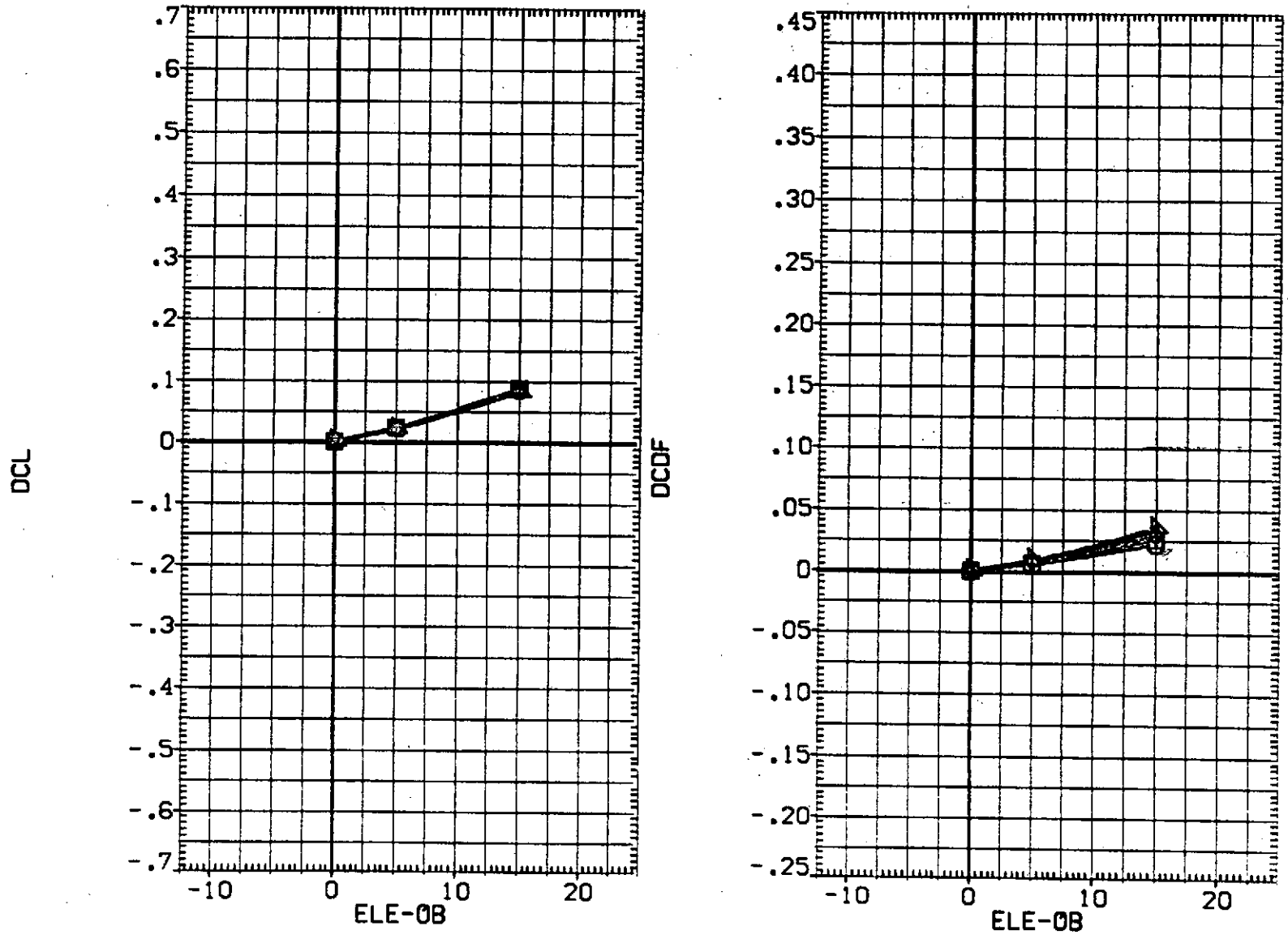


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

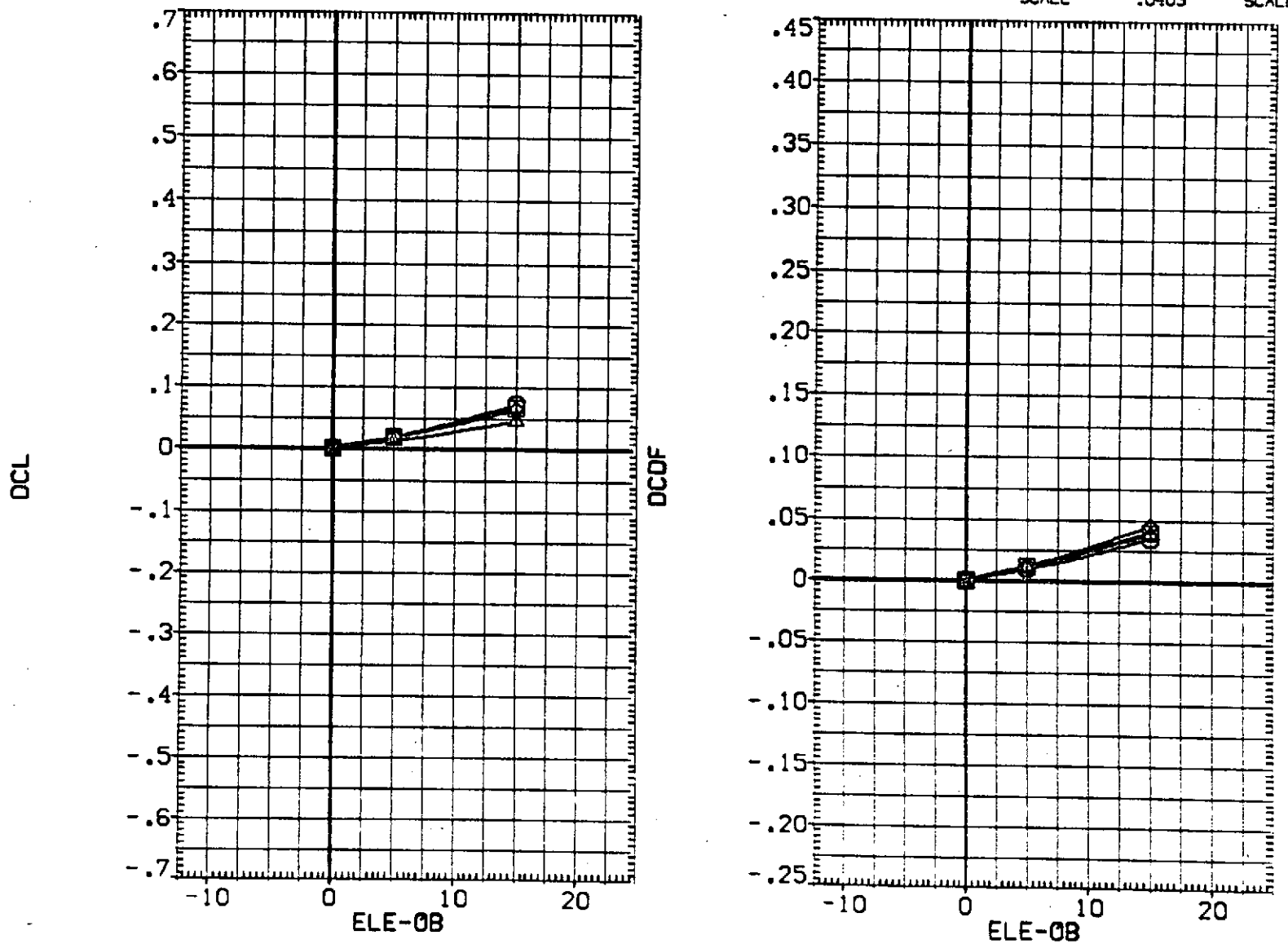


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

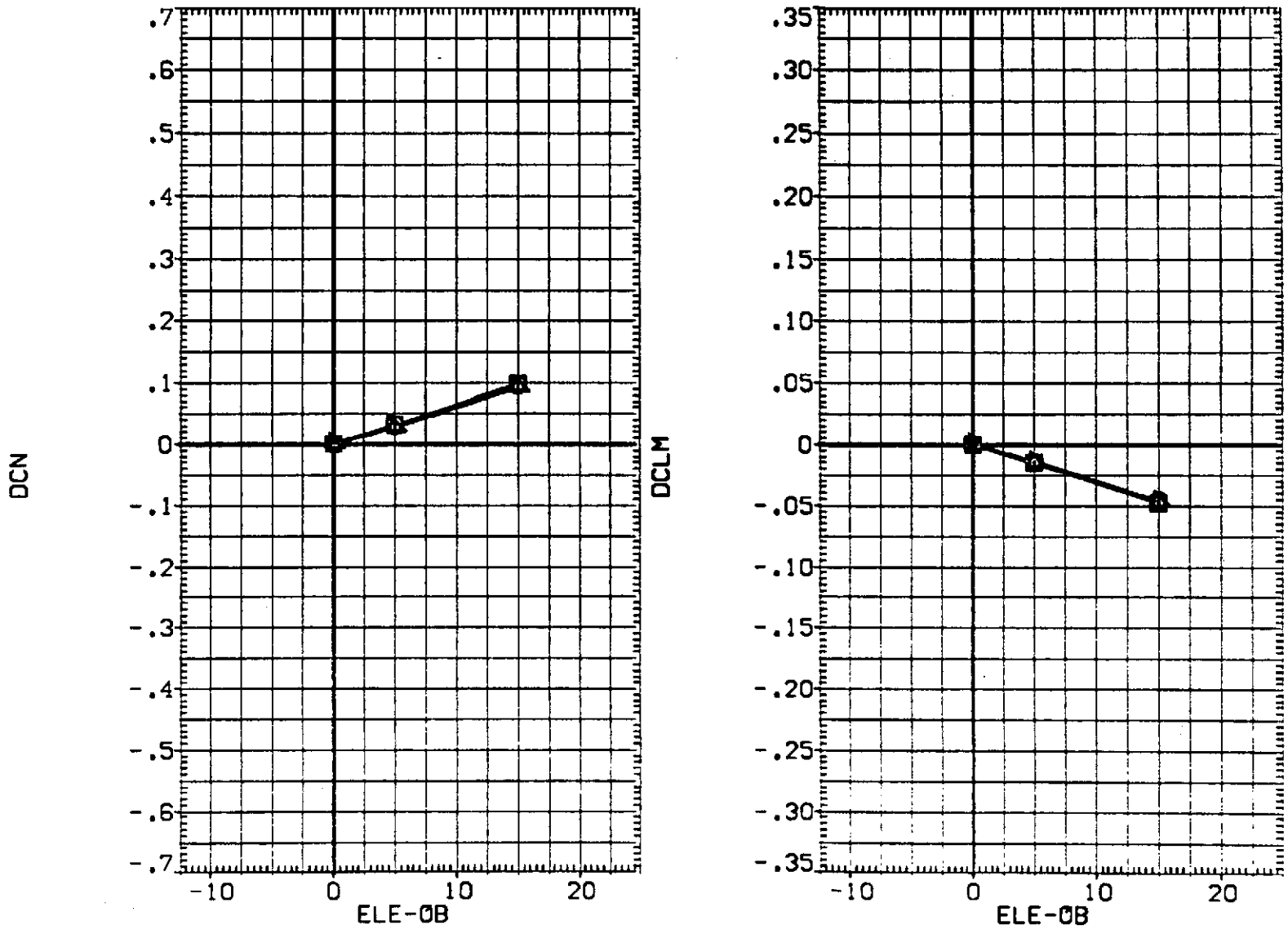


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-0B	DATASET	ELE-0B	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPDBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	AIL-0B	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

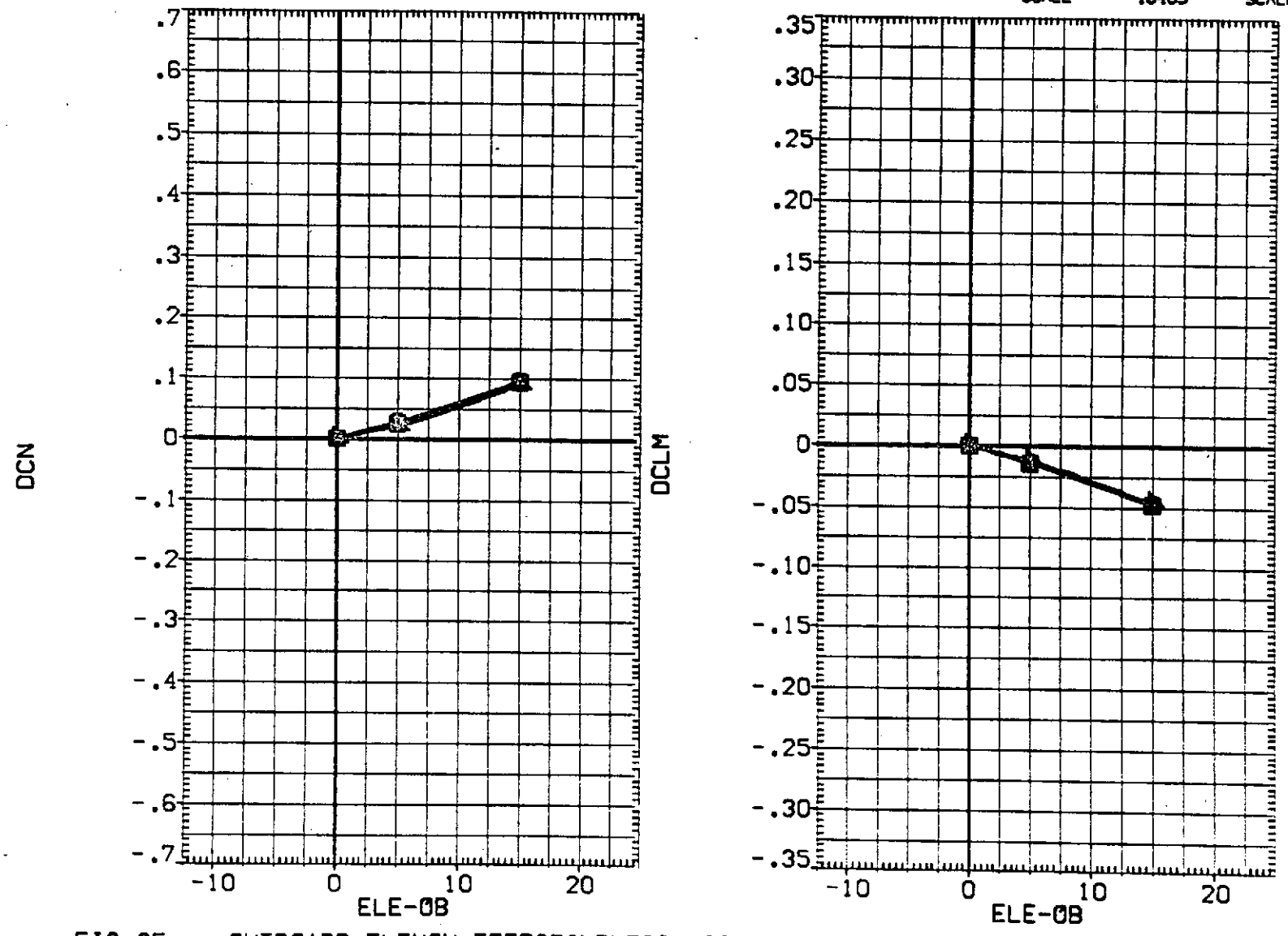


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-L1	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-R1	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

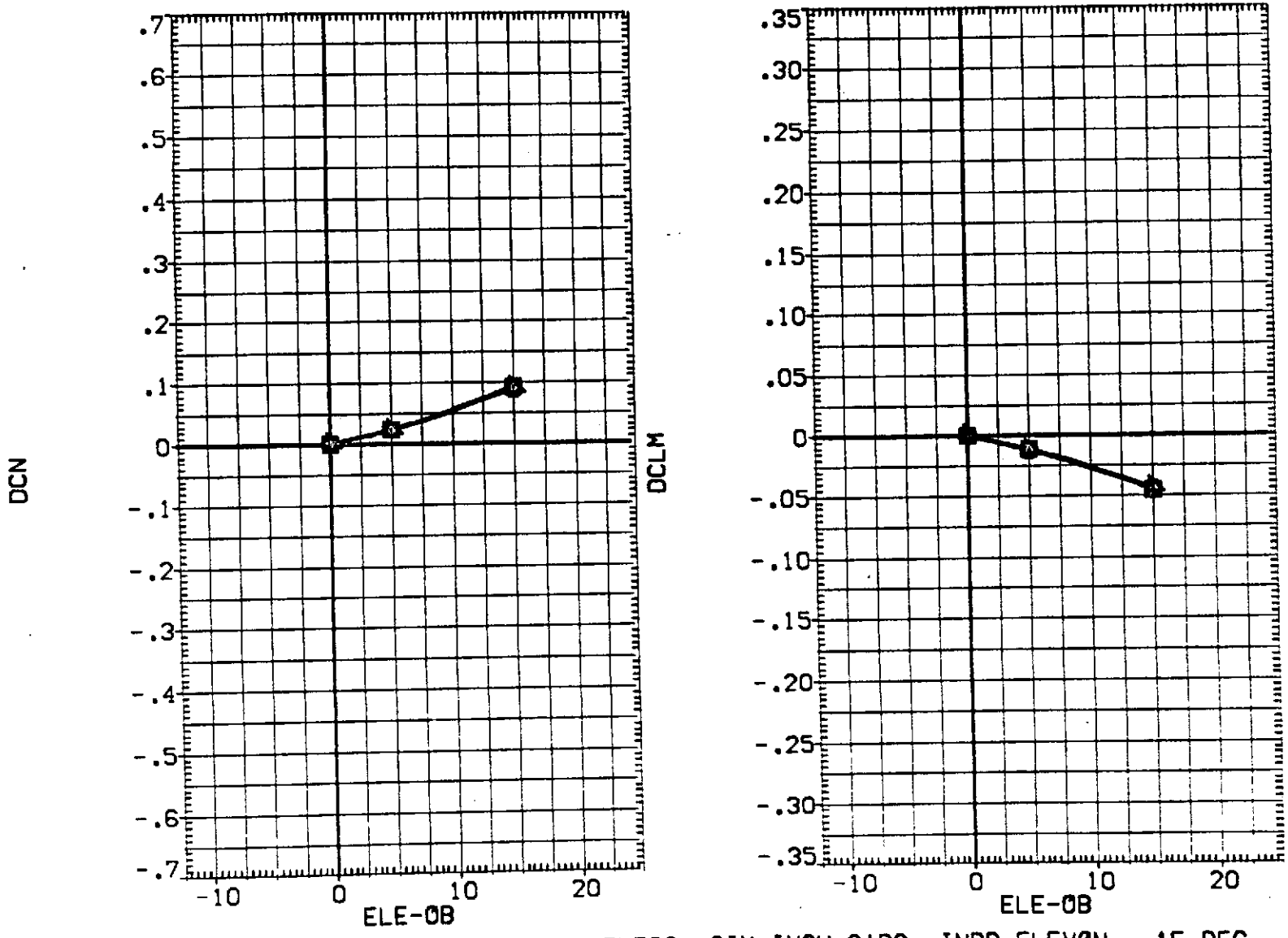


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	15.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6045	5.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPDBRK	25.000	GF6022	15.000			BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

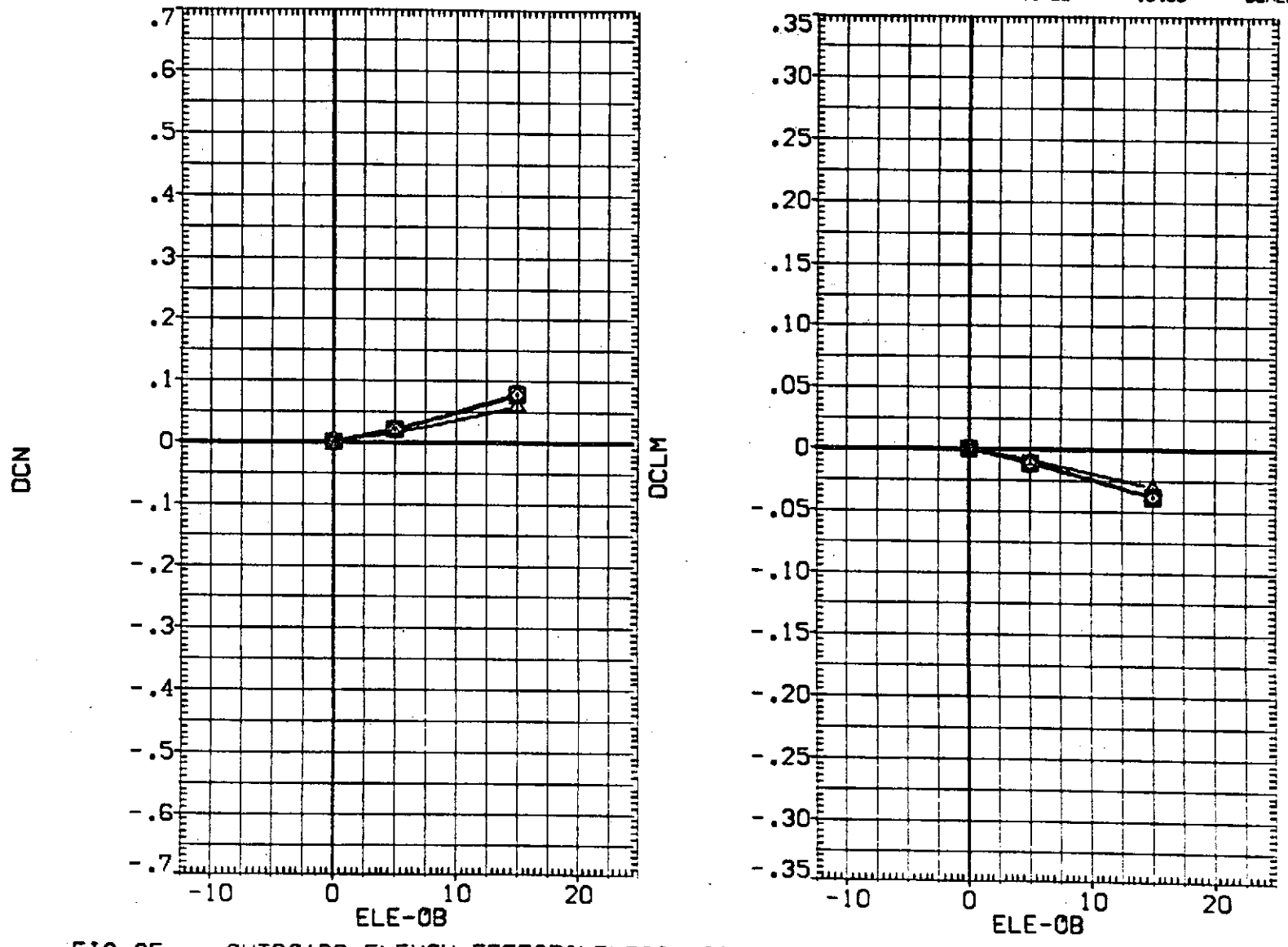


FIG 25 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 15 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF6044)	○	0A118 B26C9M7F8W116E43V8R5X9
(RF6047)	□	0A118 B26C9M7F8W116E43V8R5X9
(RF6049)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	15.000	15.000	.000
5.000	15.000	15.000	-5.000
10.000	15.000	15.000	-5.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

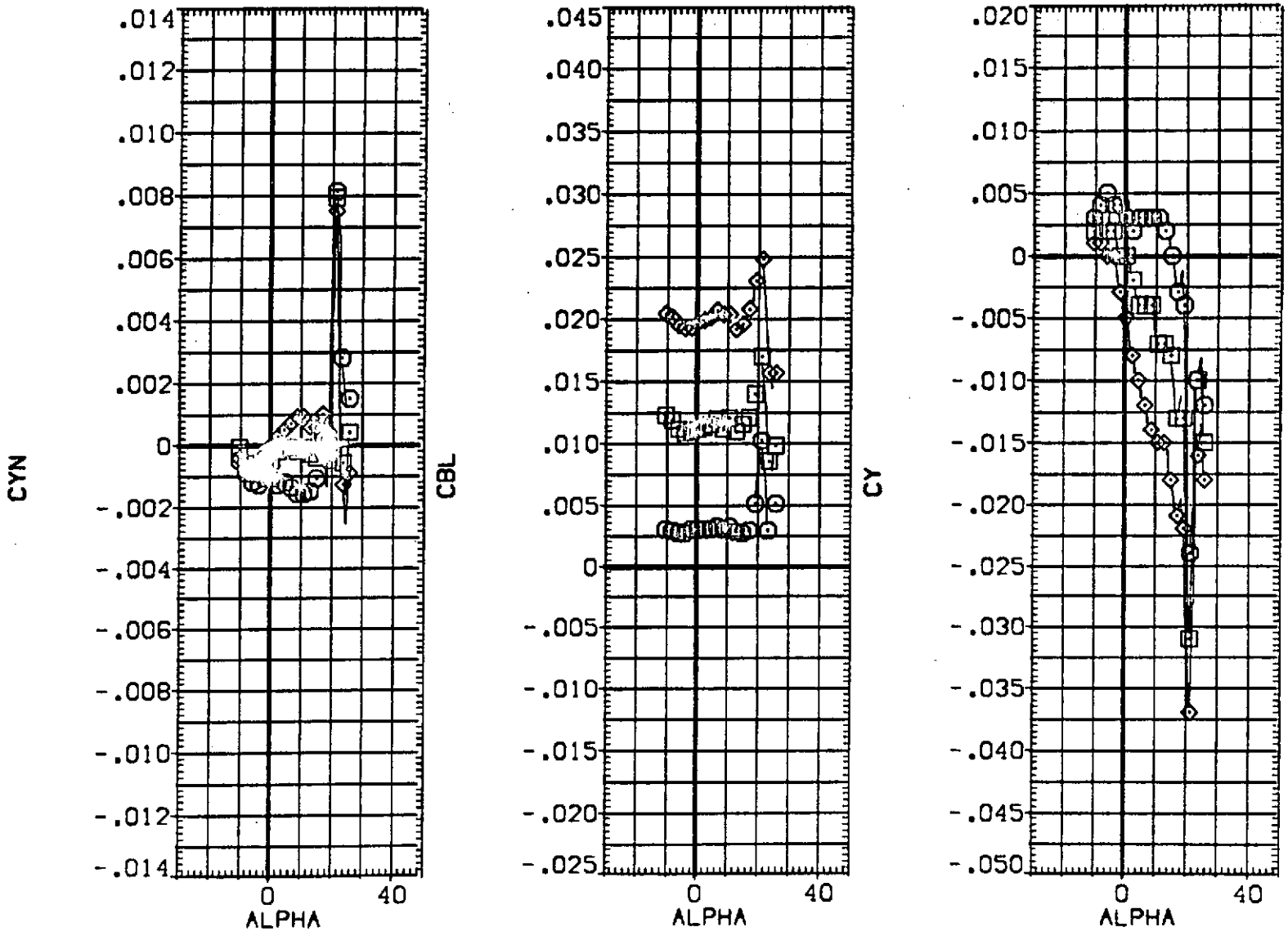


FIG 26 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6047	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	.000	SPOBRK	25.000	GF6049	10.000			BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

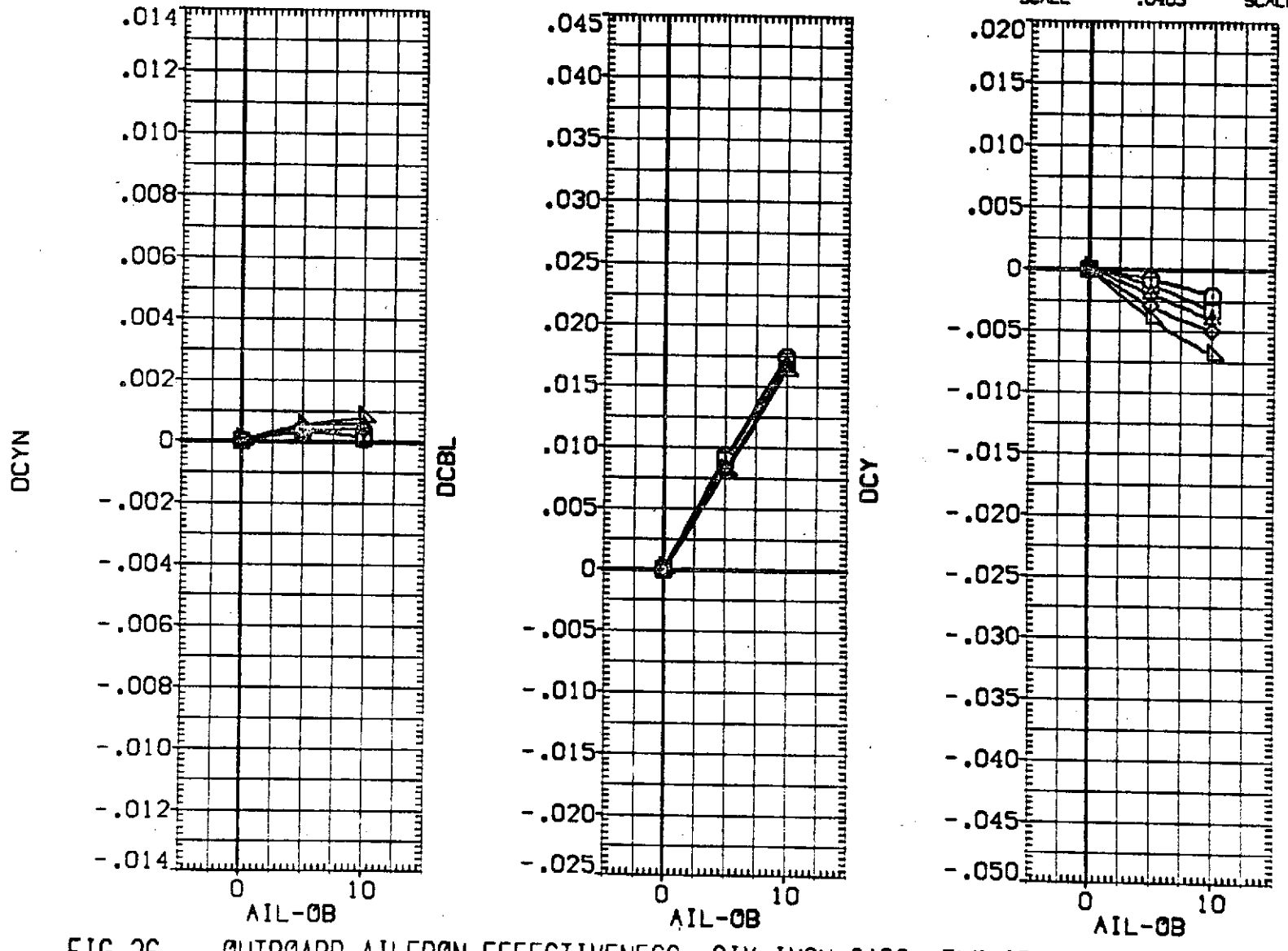


FIG 26 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB		DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000		GF6047	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	.000	SPOBRK	25.000	GF6049	10.000				BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◁	8.000	ELE-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

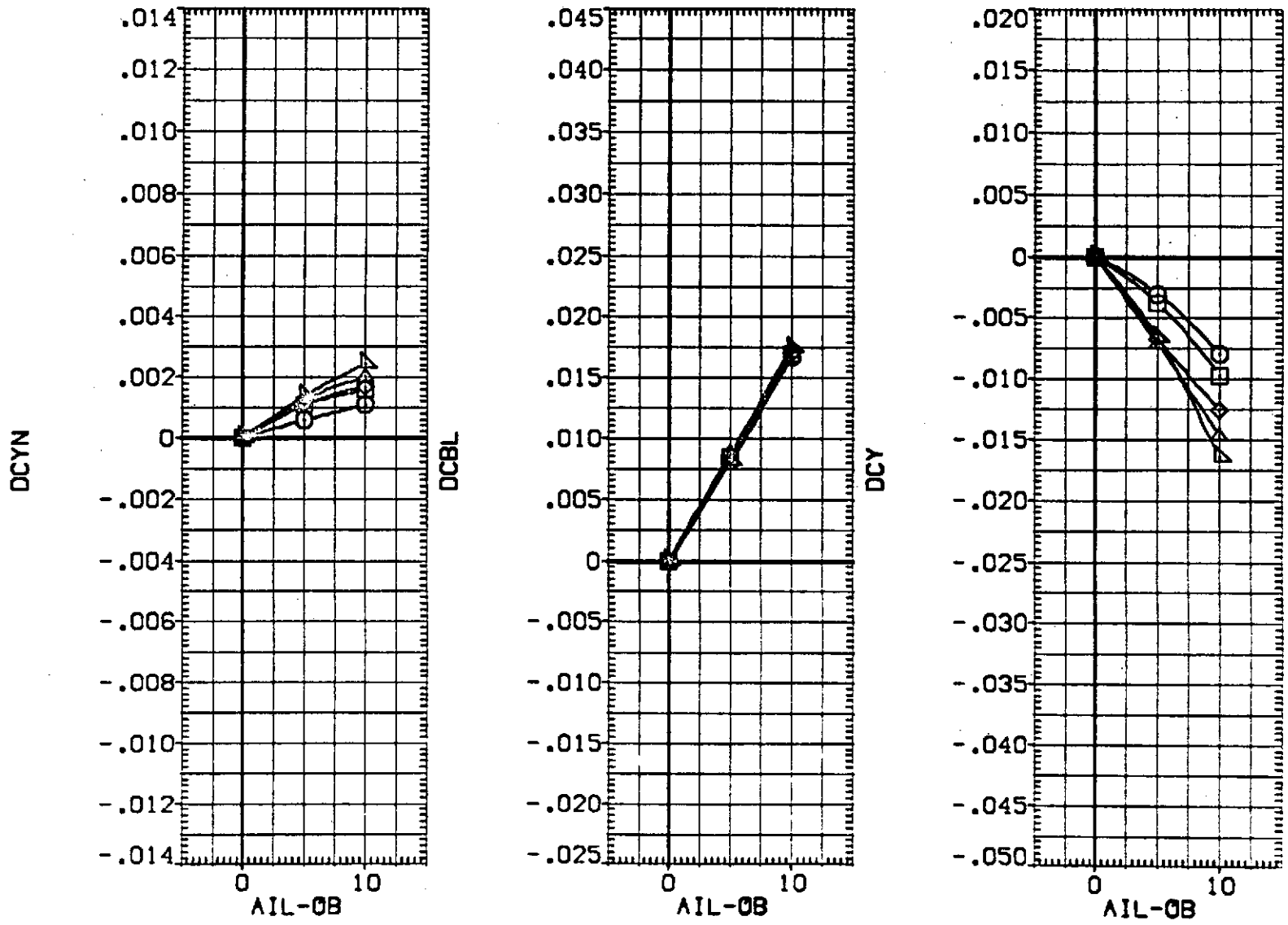


FIG 26 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

0A118 B26C9M7F8W116E43V8R5X9 (GF6044)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6047	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	.000	SPOBRK	25.000	GF6049	10.000			BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	18.000	ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1675	INCHES
										SCALE	.0405	SCALE

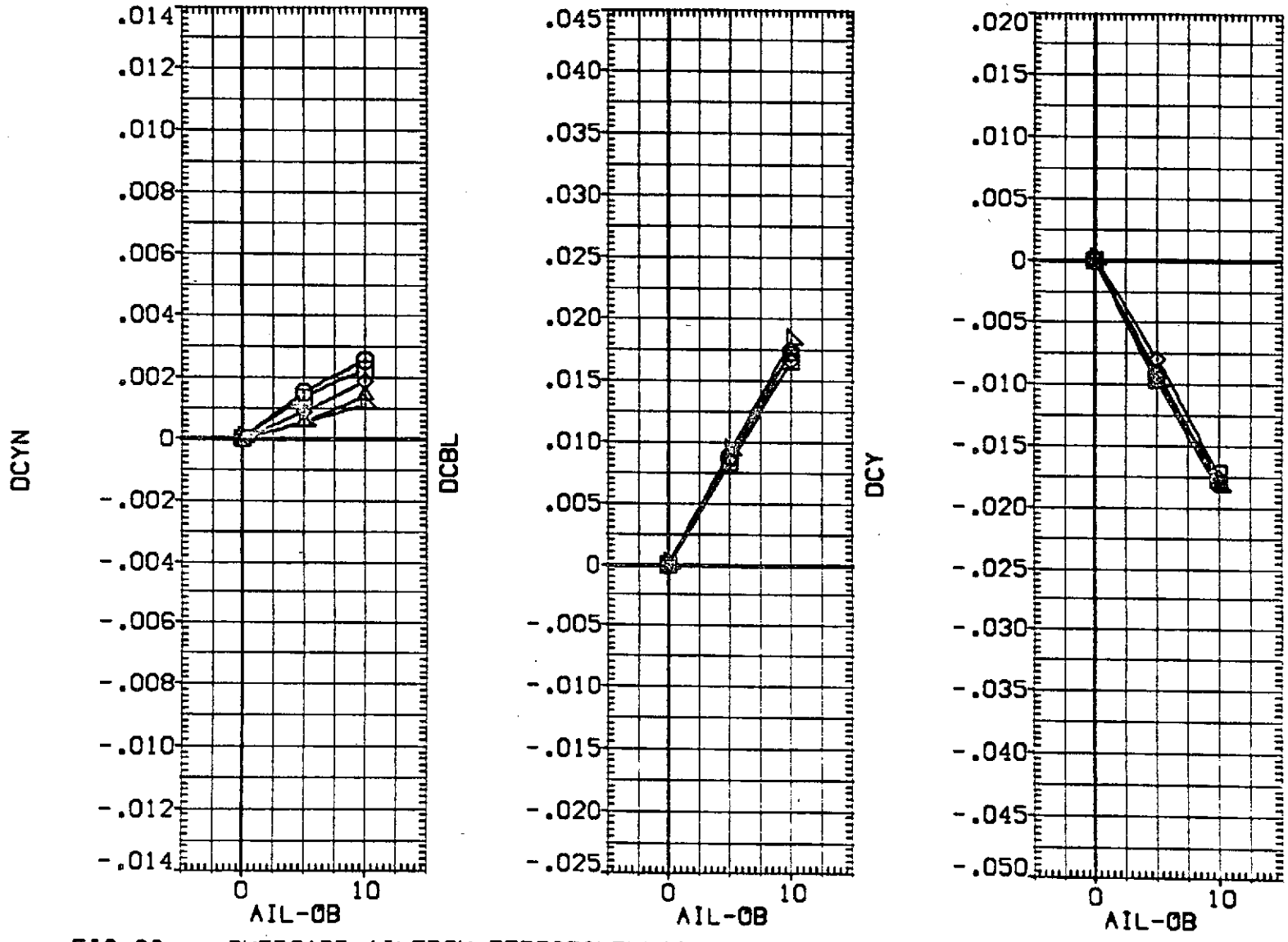


FIG 26 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	.000	ELE-RI	15.000	GF6044	.000	GF6047	5.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	.000	SPOBRK	25.000	GF6049	10.000			BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		ELE-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

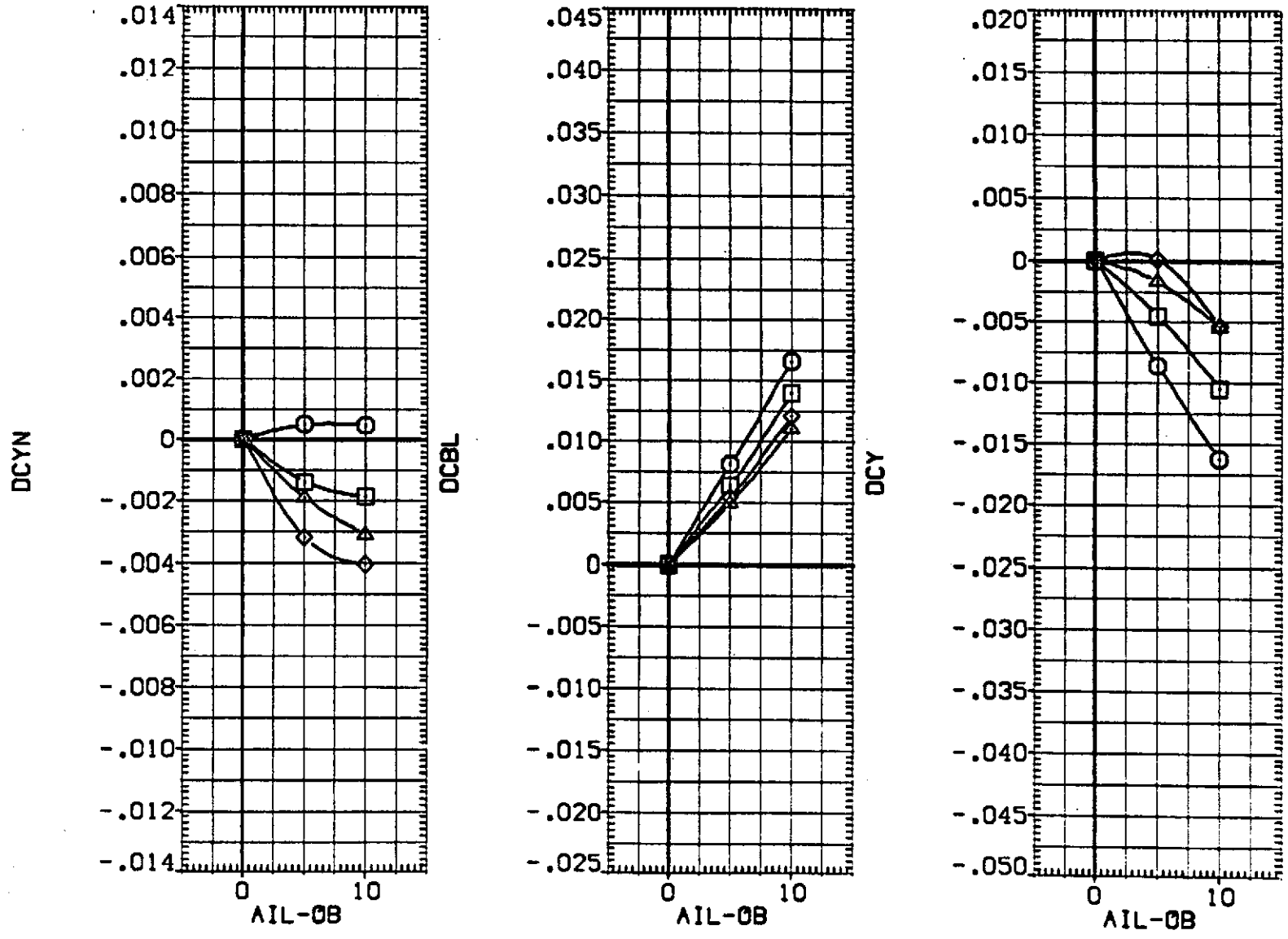


FIG 26 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELE-LO	ELE-LI	ELE-RI	ELE-RO
(RF6045)	○	0A118	B26C9M7F8W116E43V8R5X9	5.000	15.000	15.000	5.000
(RF6050)	□	0A118	B26C9M7F8W116E43V8R5X9	10.000	15.000	15.000	.000
(RF6048)	◇	0A118	B26C9M7F8W116E43V8R5X9	15.000	15.000	15.000	-5.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

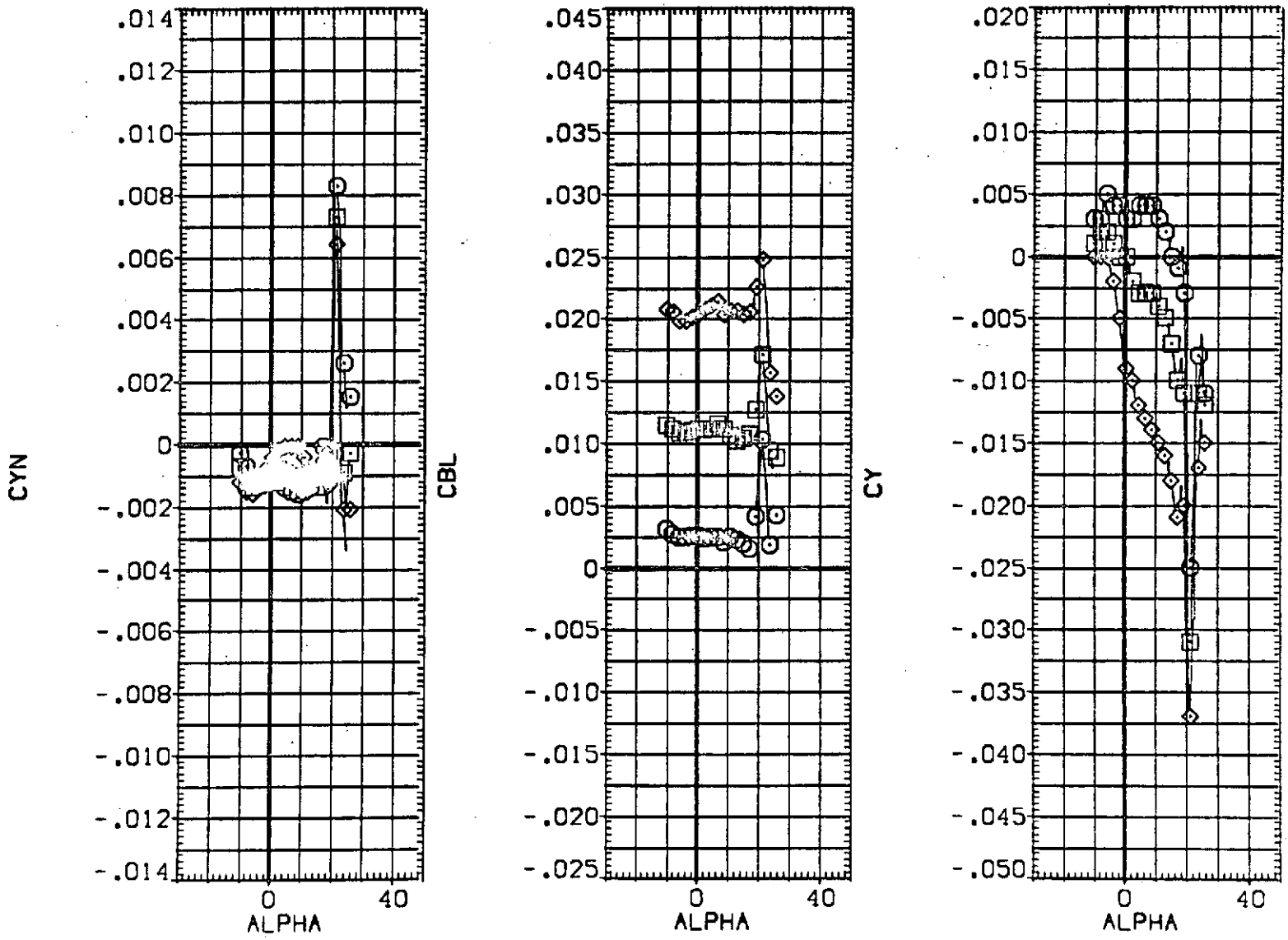


FIG 27 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6045)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	5.000	ELE-RI	15.000	FF6045	.000	FF6050	5.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	5.000	SPOBRK	25.000	FF6048	10.000			BREF	37.9359	INCHES
△	-4.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	ELE-OB	5.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

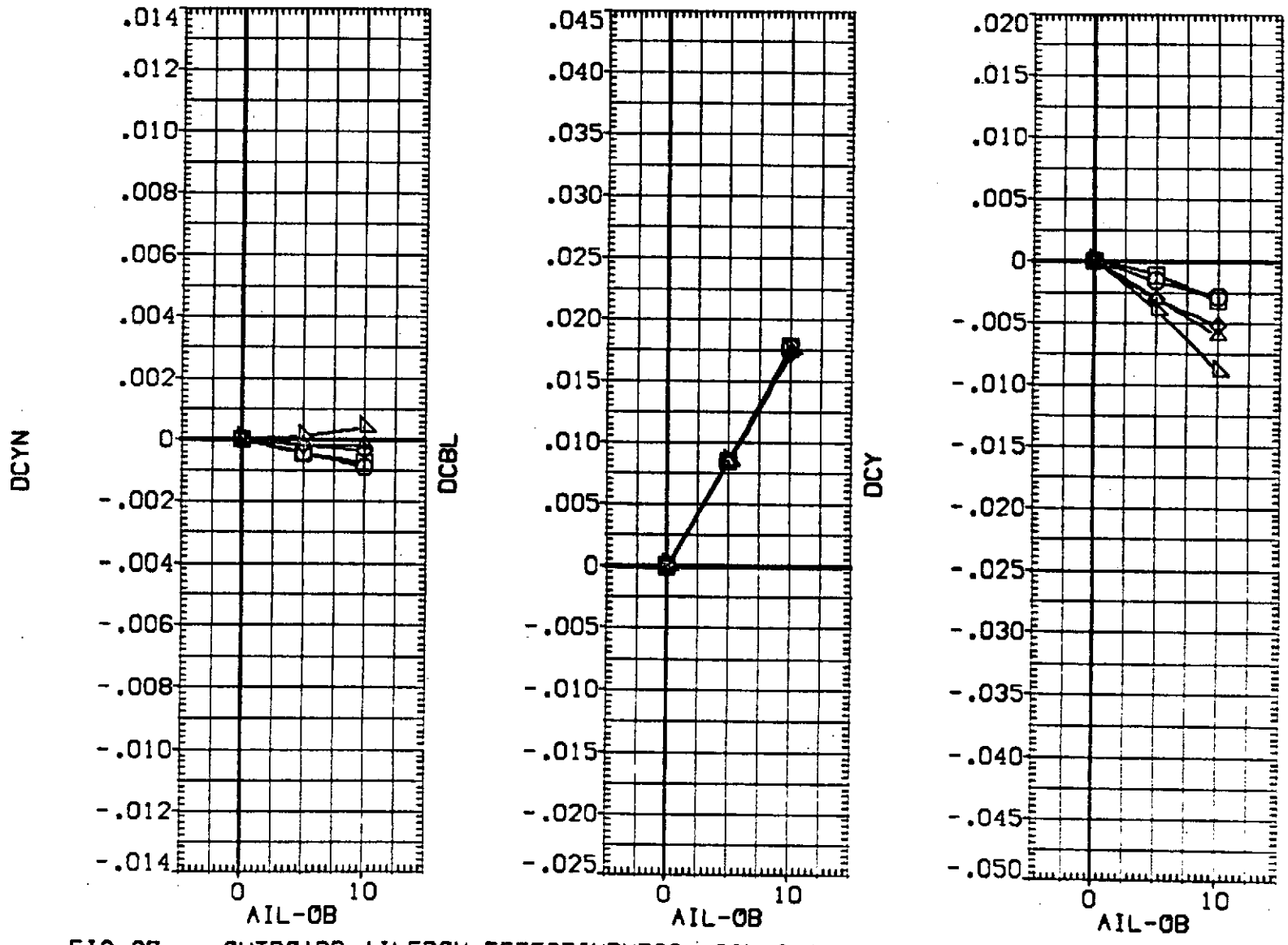


FIG 27 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

0A118 B26C9M7F8W116E43V8R5X9 (FF6045)

SYMBOL	ALPHA		PARAMETRIC VALUES			DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	5.000	ELE-RI	15.000	FF6045	.000	FF6050	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	5.000	SPOBRK	25.000	FF6048	10.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◁	8.000	ELE-OB	5.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

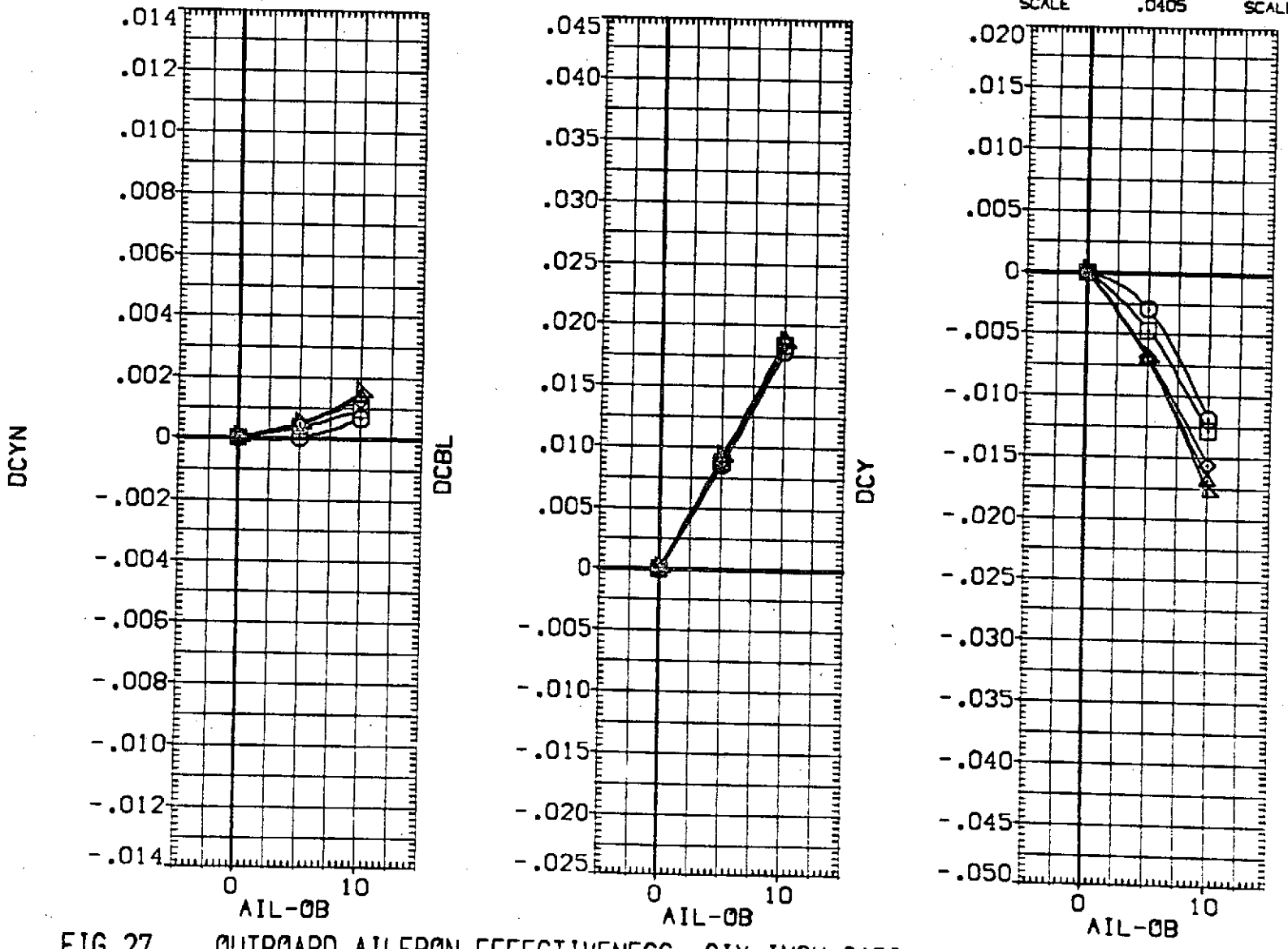


FIG 27 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

0A118 B26C9M7F8W116E43V8R5X9 (FF6045)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	15.000	DATASET	AIL-OB	DATASET	AIL-OB		SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	5.000	ELE-RI	15.000	FF6045	.000	FF6050	5.000		LREF	19.2299	INCHES
◇	14.000	ELE-RO	5.000	SPOBRK	25.000	FF6048	10.000				BREF	37.9359	INCHES
△	16.000	BDFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	18.000	ELE-OB	5.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

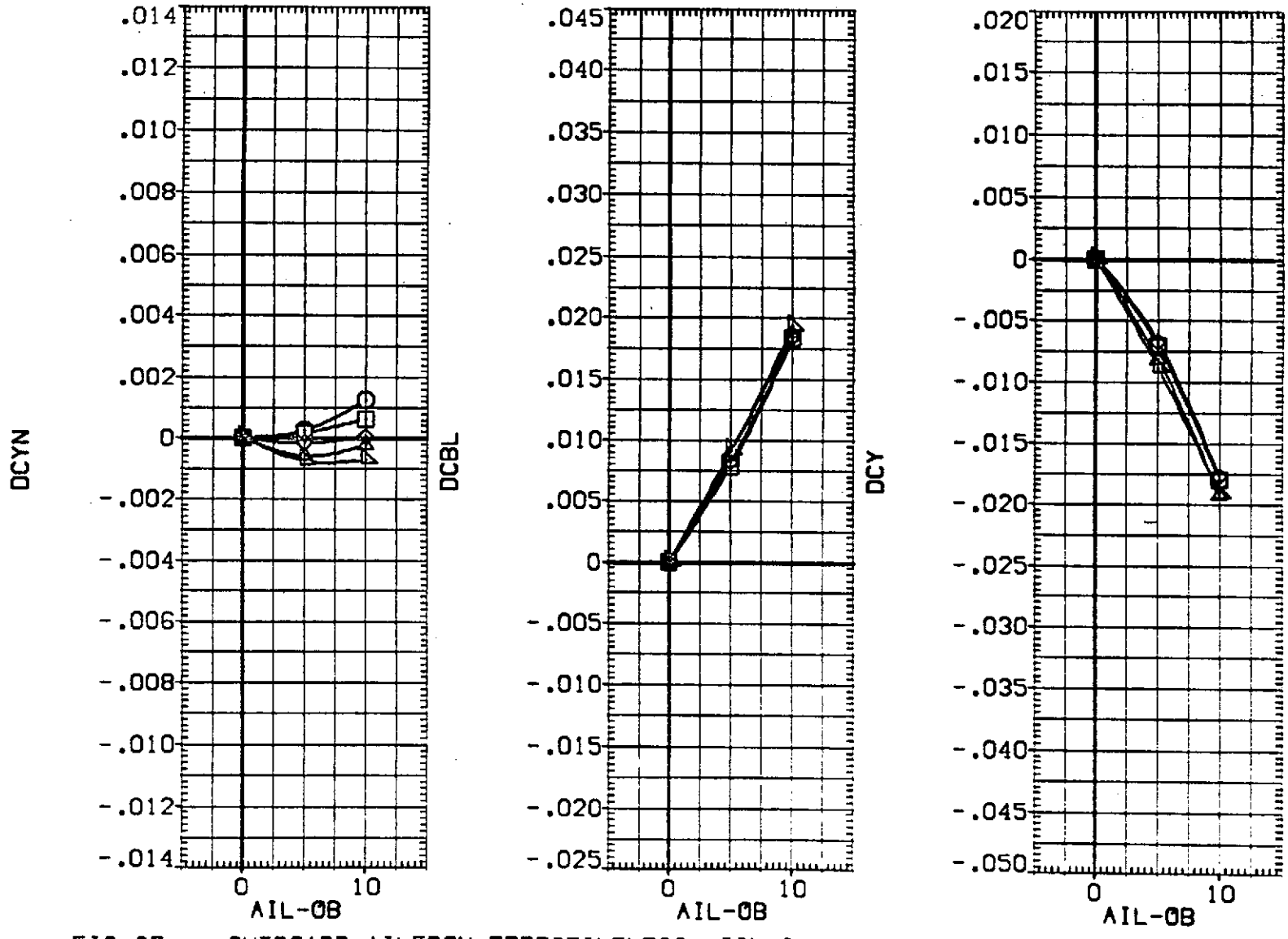


FIG 27 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

0A118 B26C9M7F8W116E43V8R5X9 (FF6045)

SYMBOL	ALPHA
○	20.000
□	22.000
◇	24.000
△	25.000

PARAMETRIC VALUES

MACH	.260	ELE-LI	15.000
ELE-LO	5.000	ELE-RI	15.000
ELE-RO	5.000	SPOBRK	25.000
BOFLAP	-12.000	RUDDER	.000
ELE-OB	5.000	BETA	.000

DATA SOURCE

DATASET	AIL-OB	DATASET	AIL-OB	DATASET	AIL-OB
FF6045	.000	FF6050	5.000		
FF6048	10.000				

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

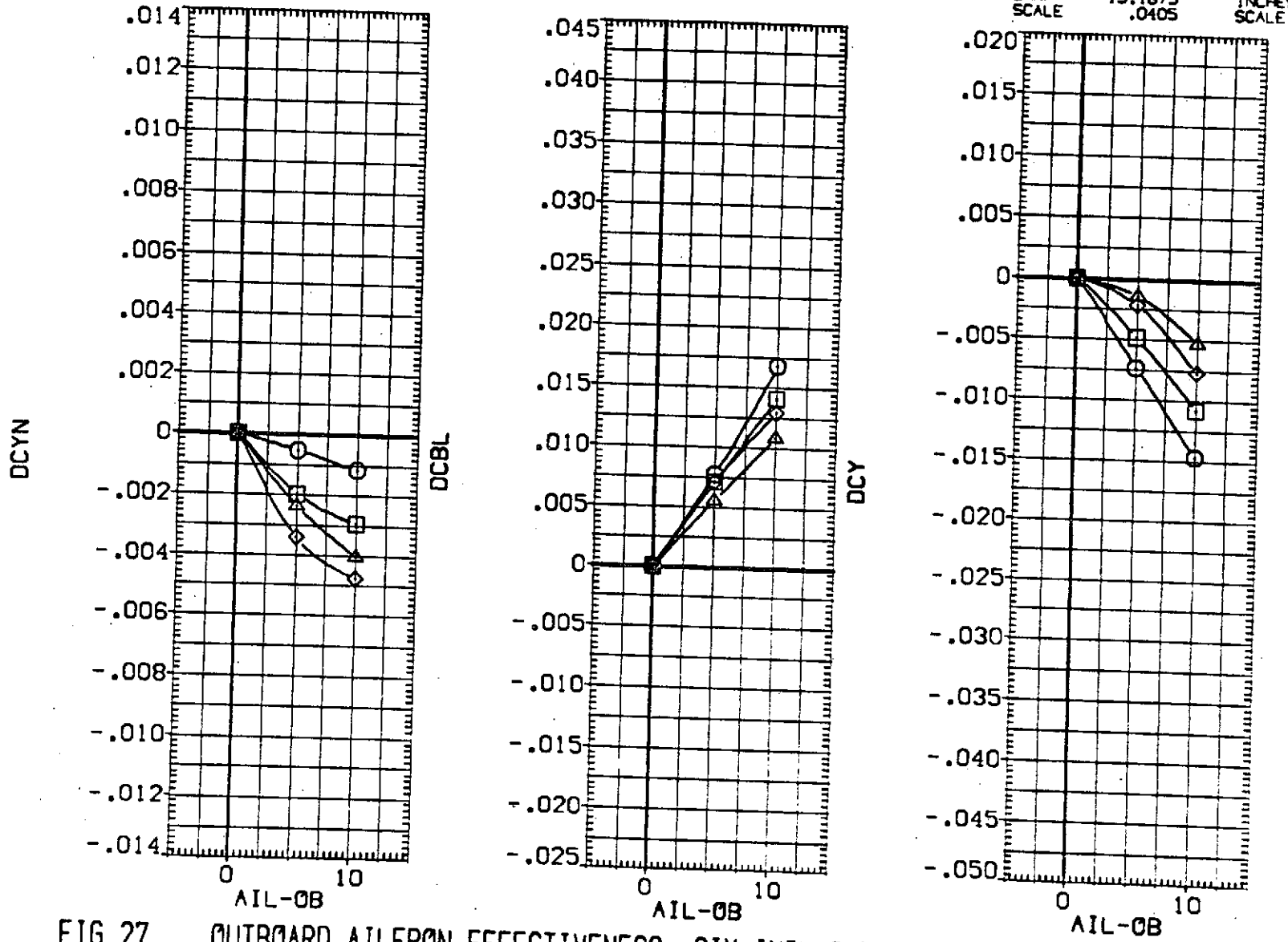


FIG 27 OUTBOARD AILERON EFFECTIVENESS, SIX INCH GAPS, ELE-IB = 15

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
(BF6051)	○	0A118 B26C9M7F8V116E43V8R5X9	10.000	20.000	20.000	10.000
(BF6023)	□	0A118 B26C9M7F8V116E43V8R5X9	20.000	20.000	20.000	20.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

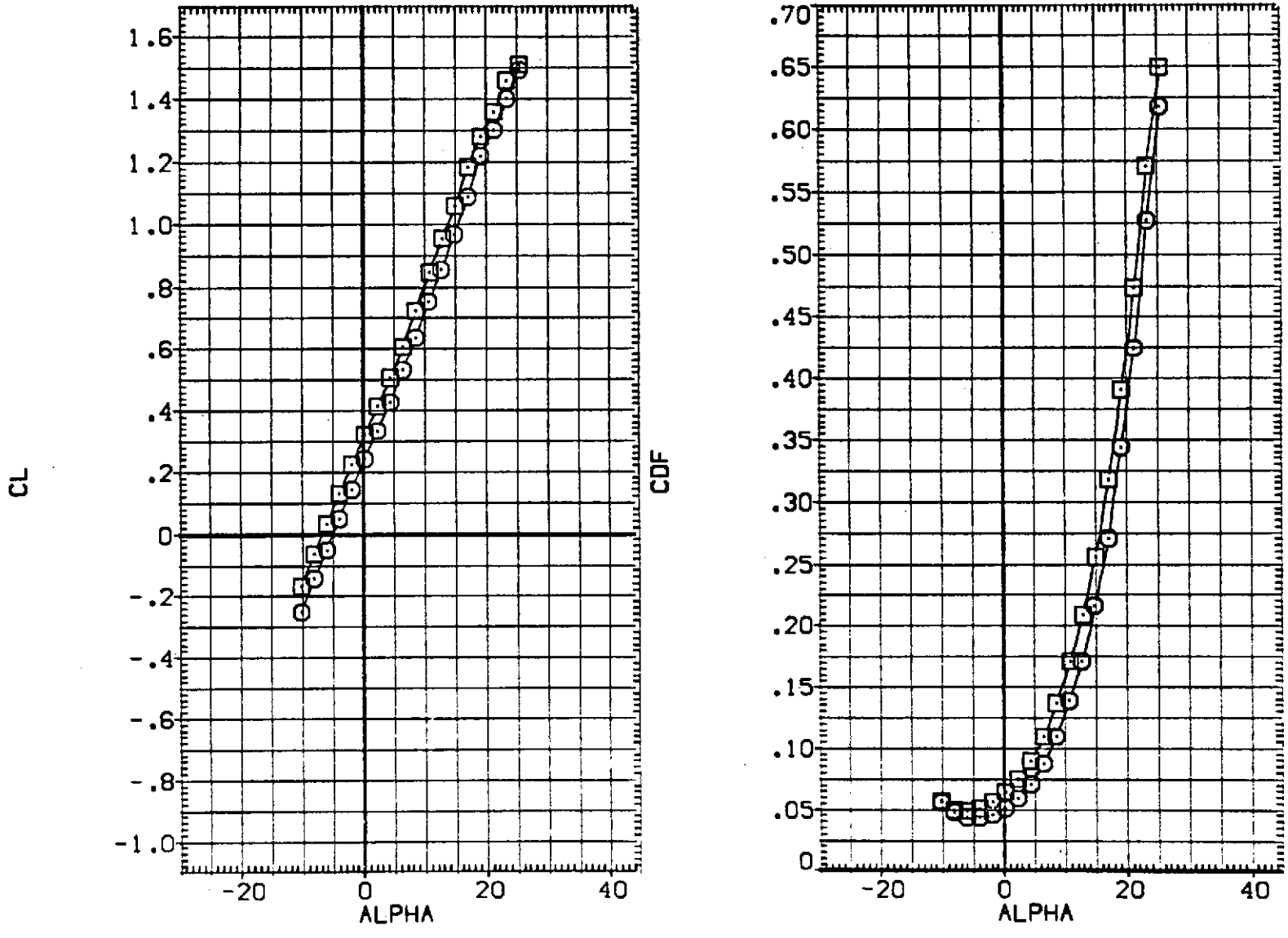


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

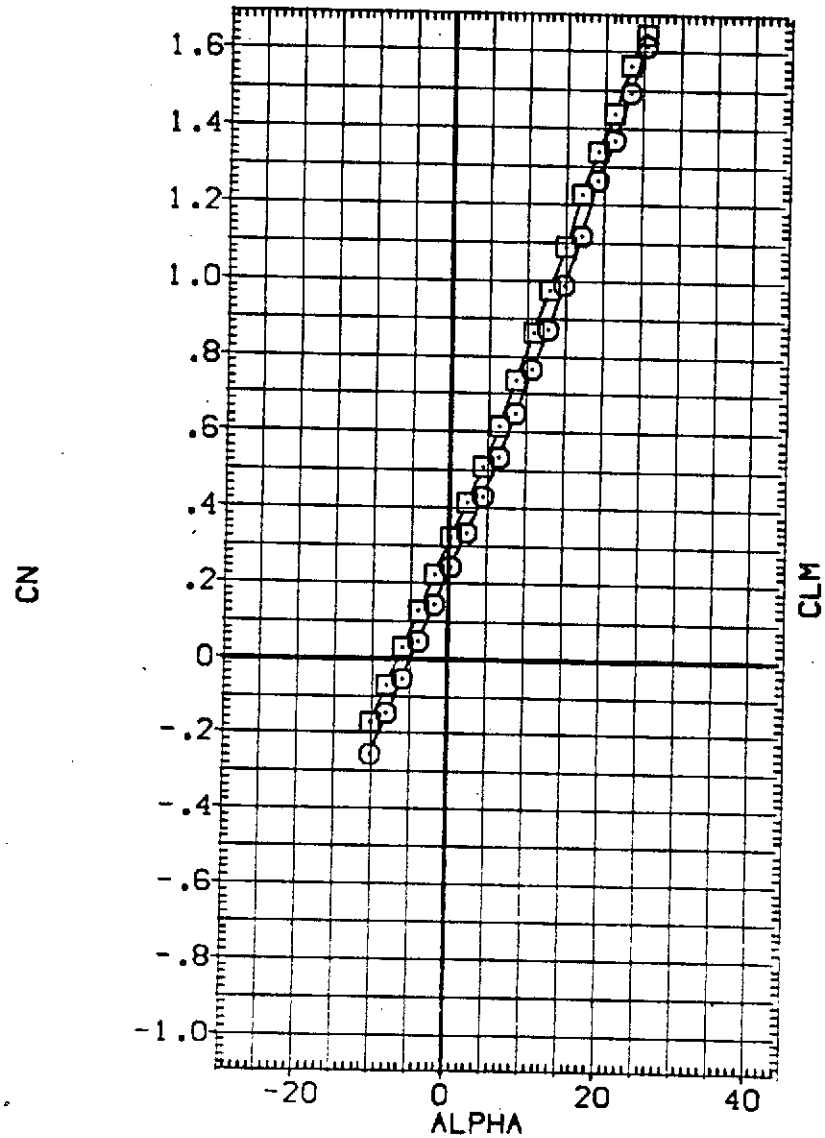
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6051)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6023)	□	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	20.000	20.000	10.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



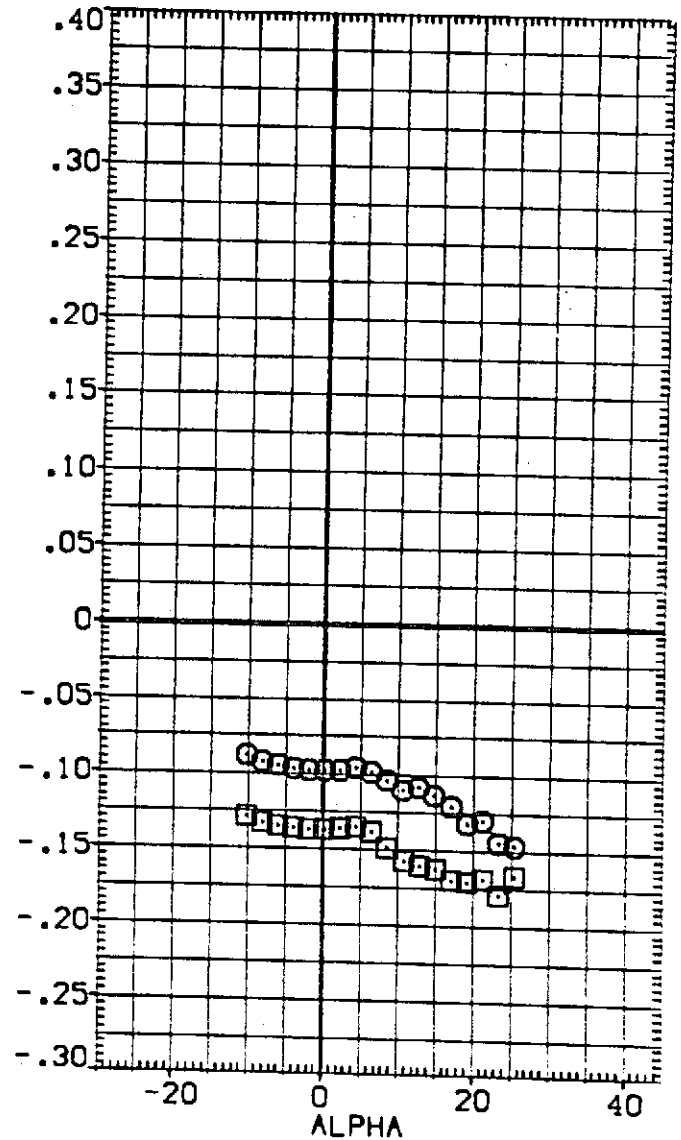


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

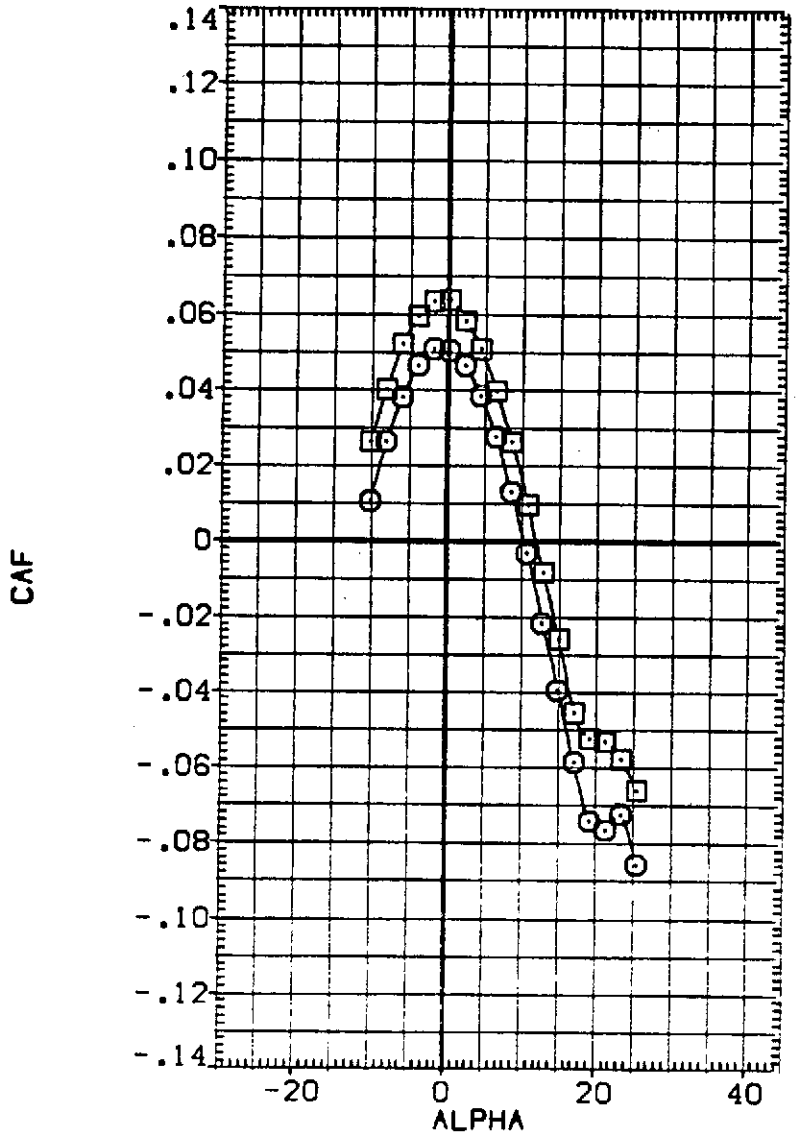
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6051)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6023)	□	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	20.000	20.000	10.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



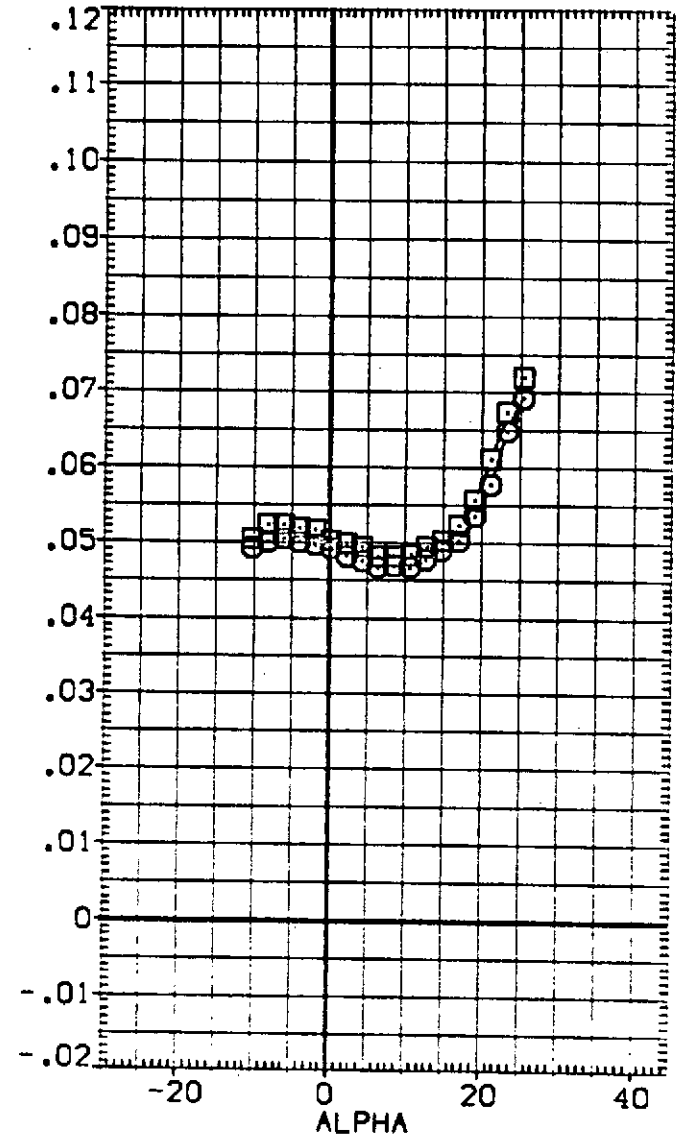


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6051)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6023)	□	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	20.000	20.000	10.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

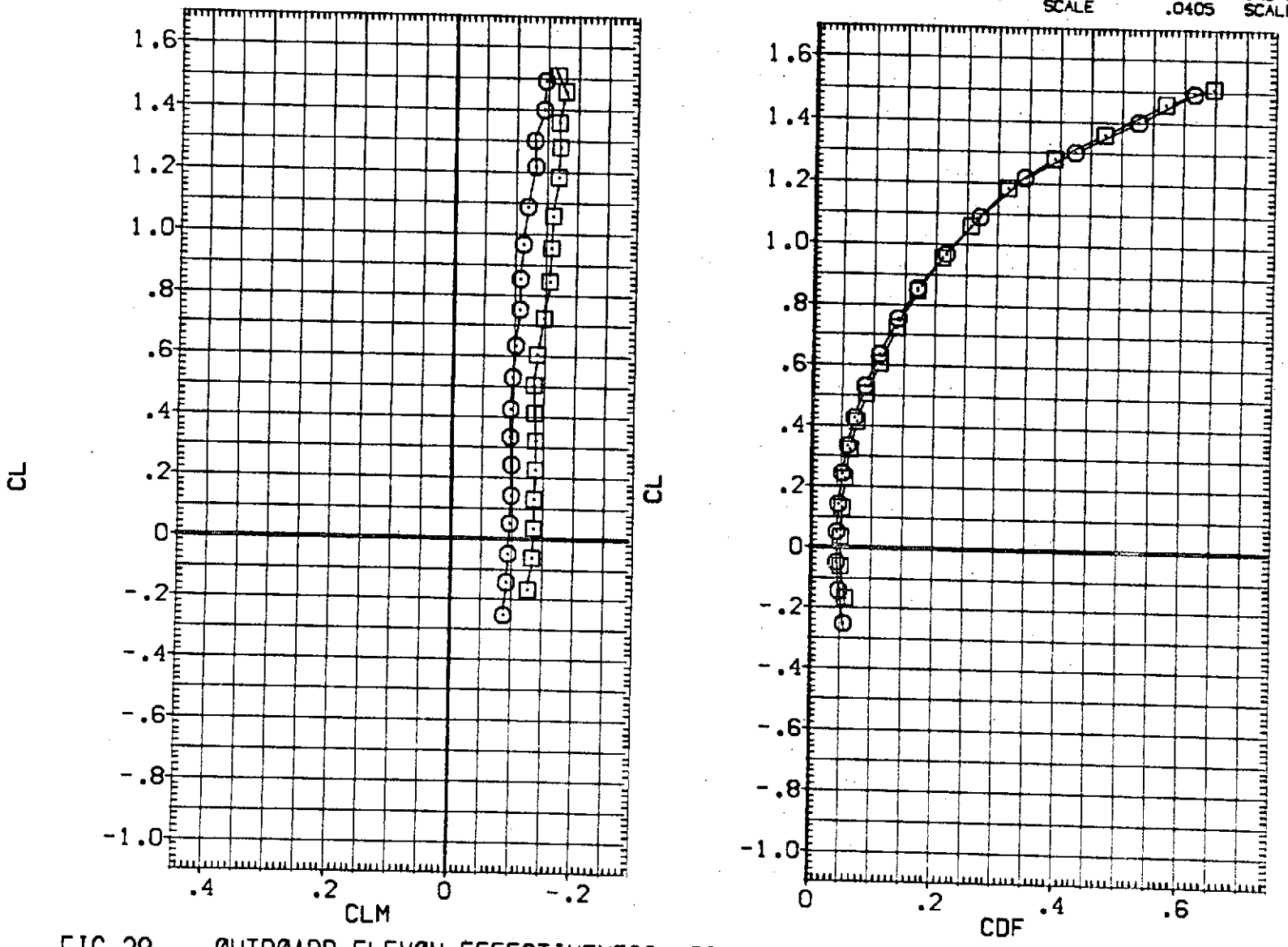


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

(A)MACH = .26

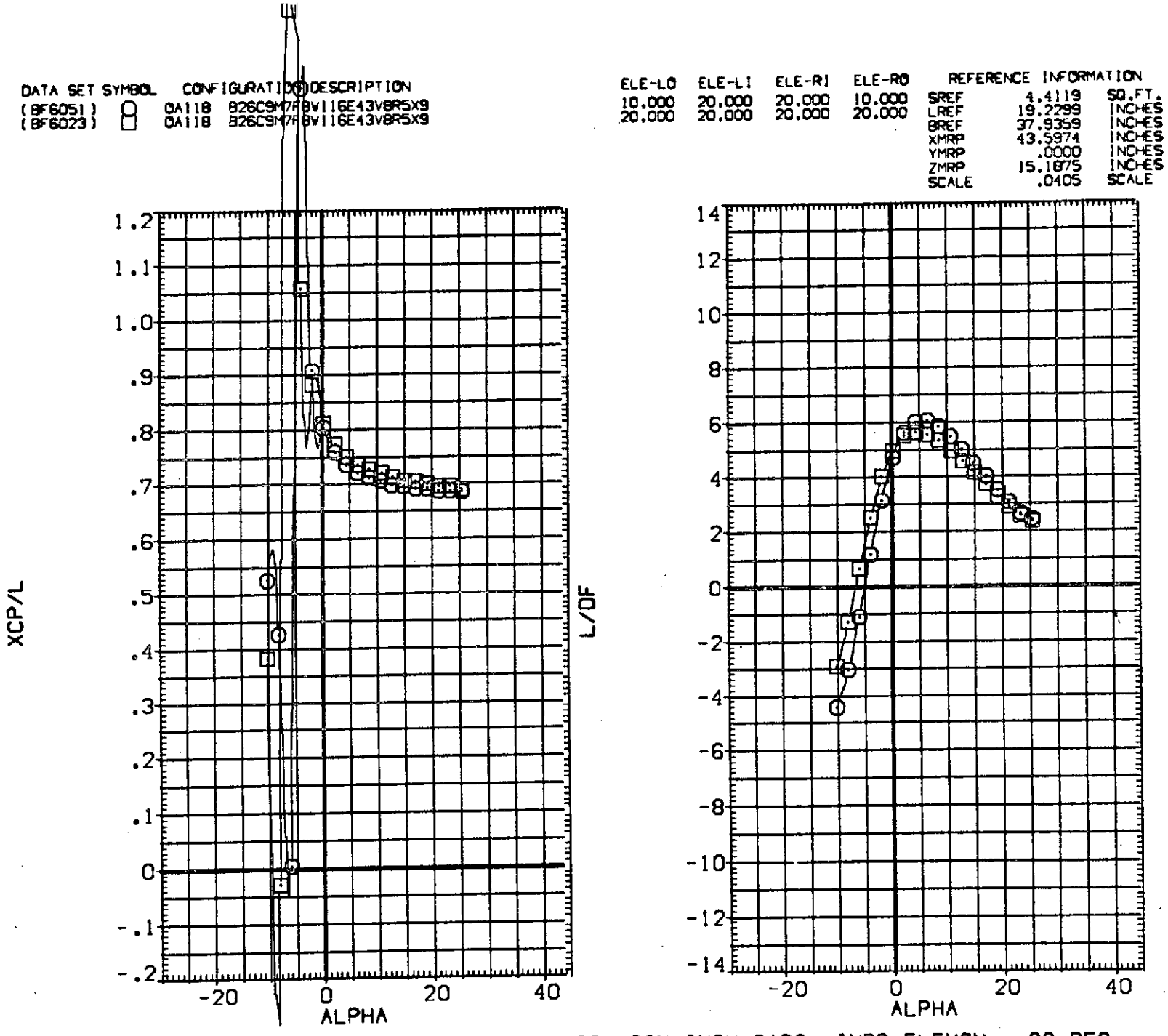
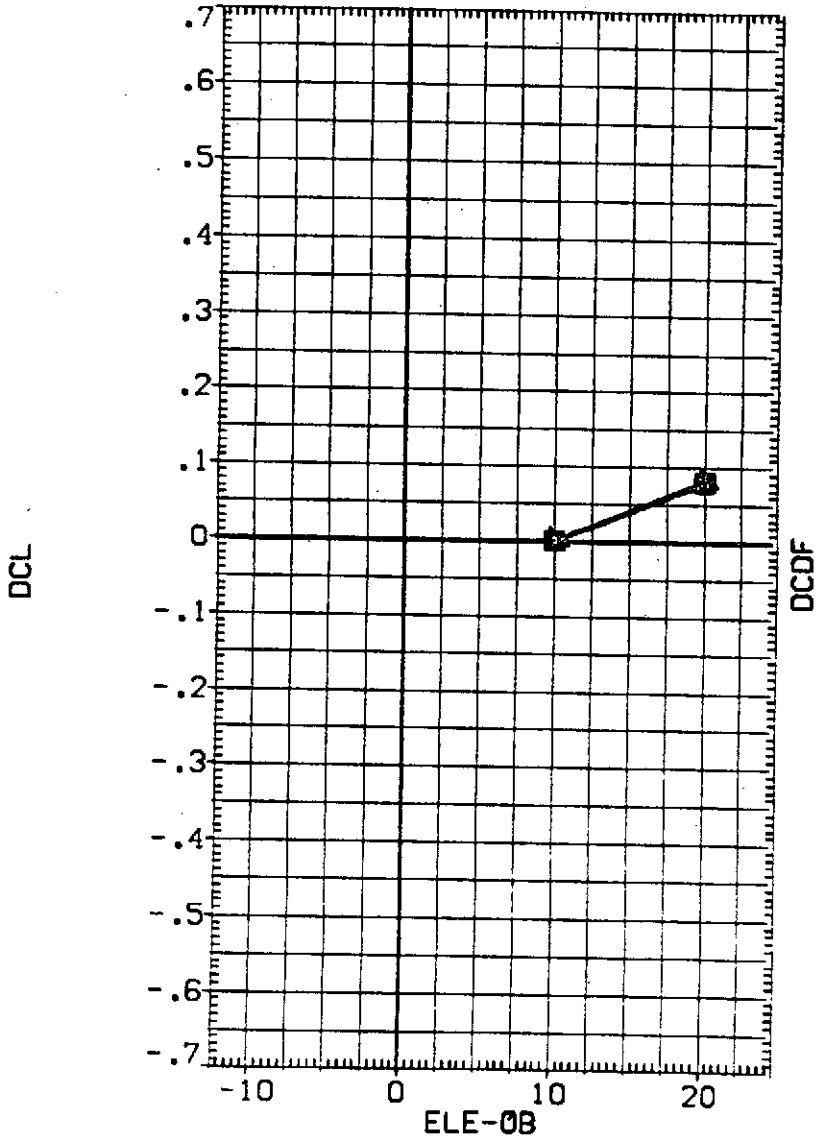


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA		PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000	LREF	19.2299	INCHES
◇	-6.000	ELE-RO	10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



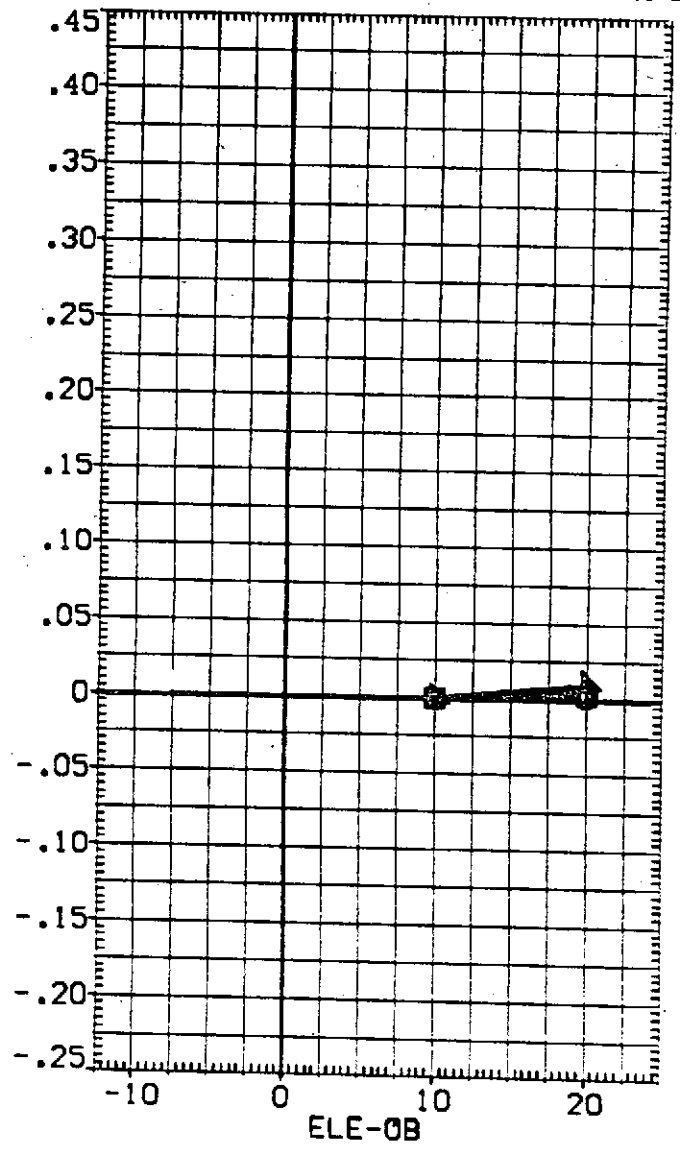


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000		LREF	19.2299	INCHES
◇	4.000	ELE-RO	10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0105	SCALE

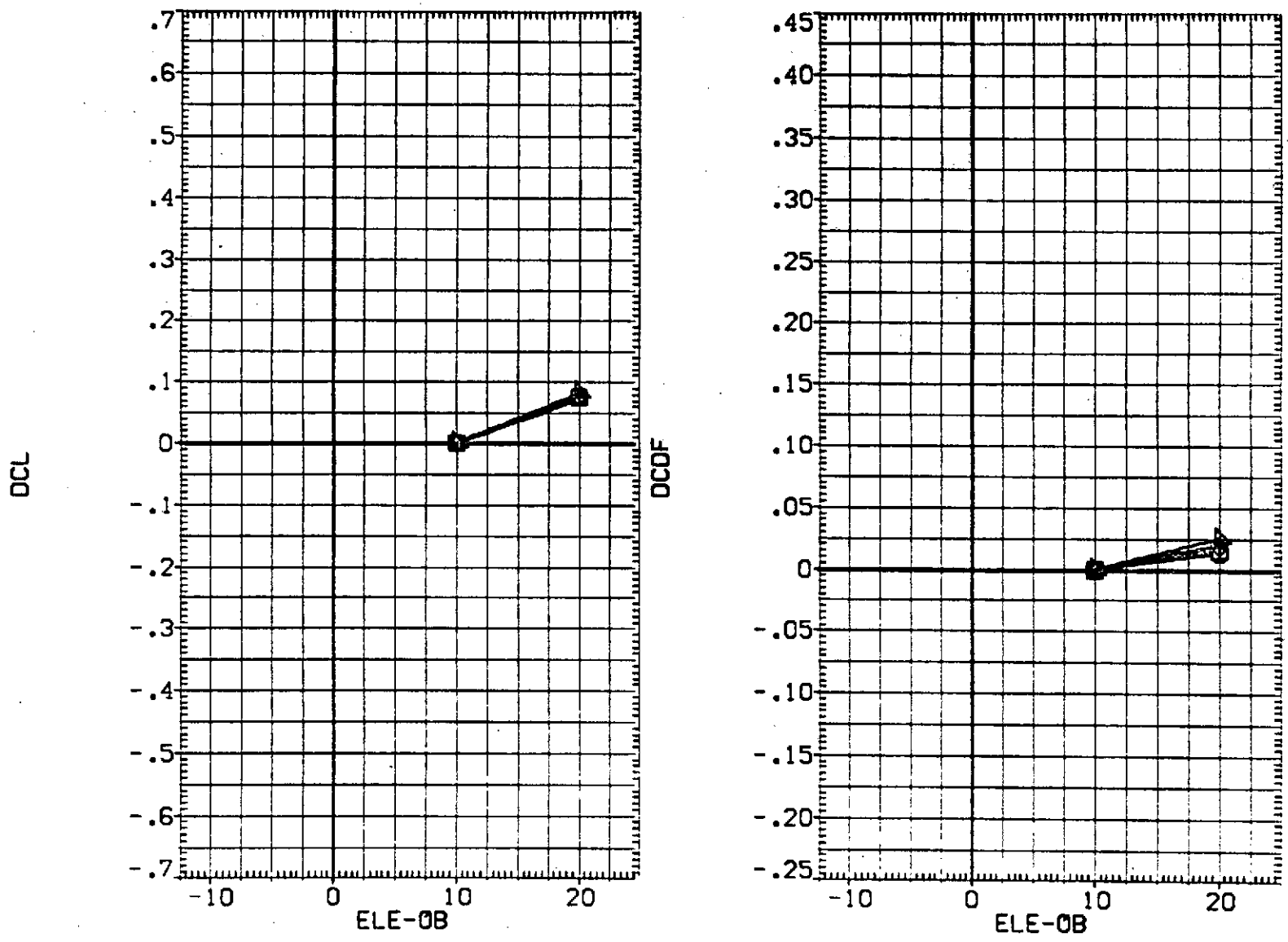
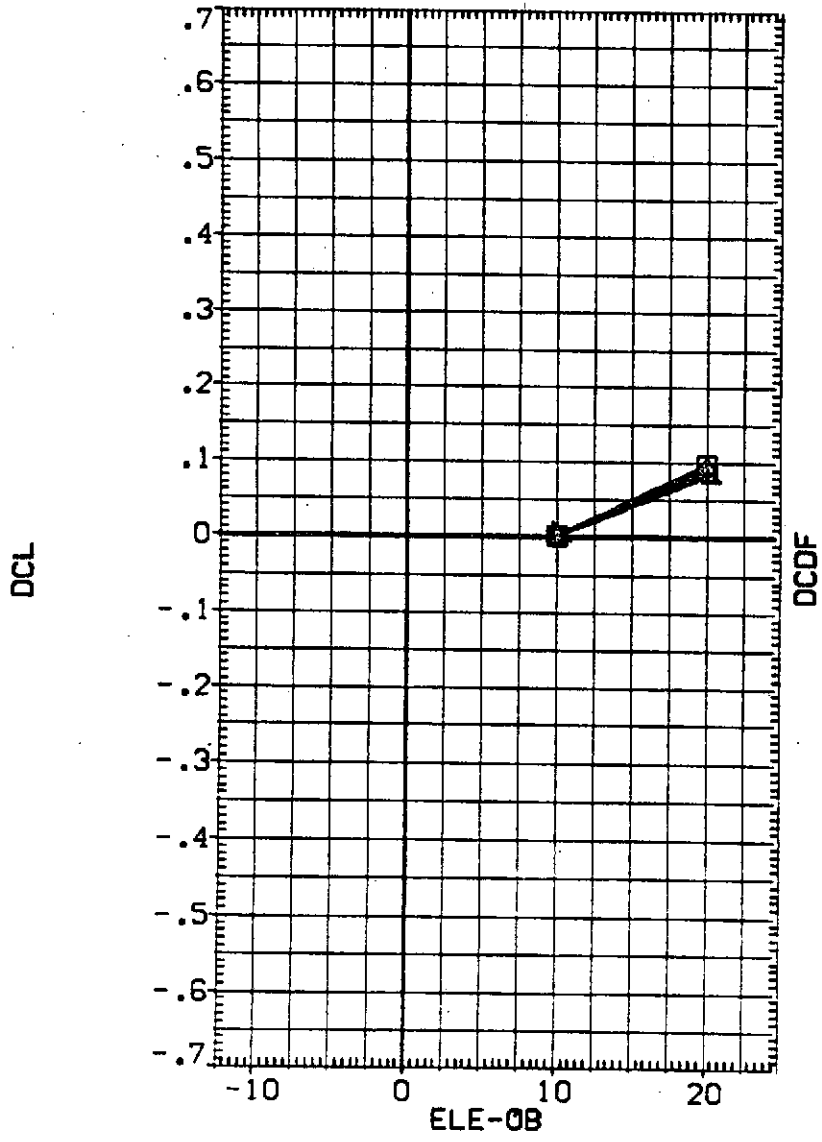


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	10.000	SPOBRK	25.000					BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◿	18.000	AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE



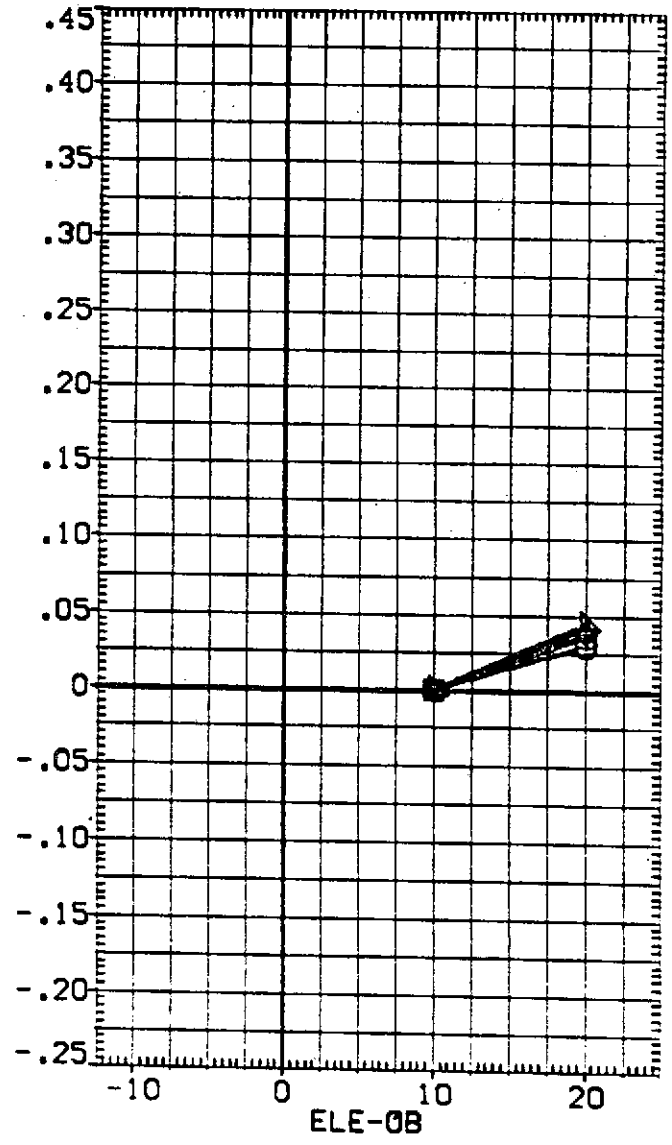


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE			REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	10.000	SPDBRK	25.000					BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

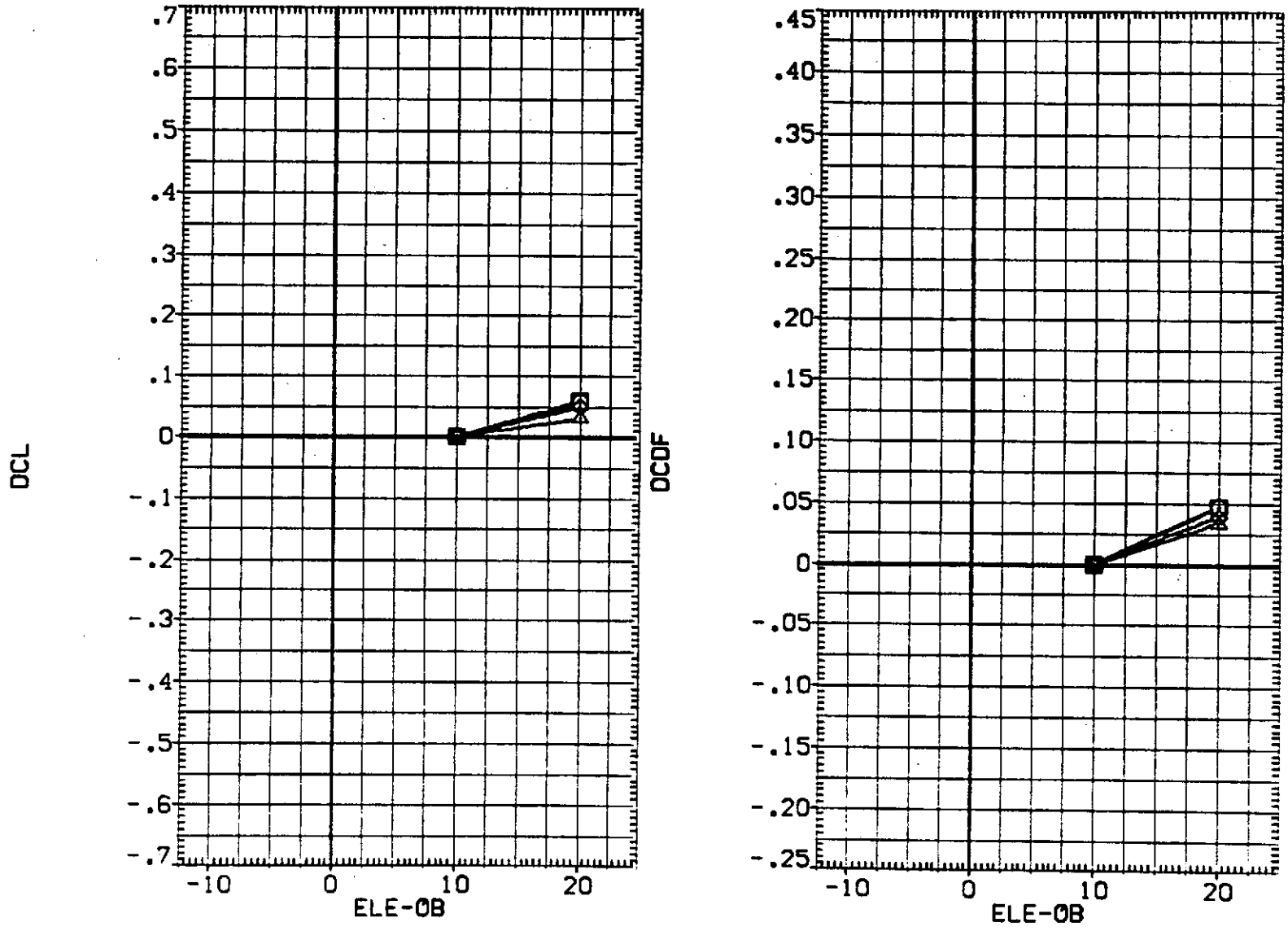
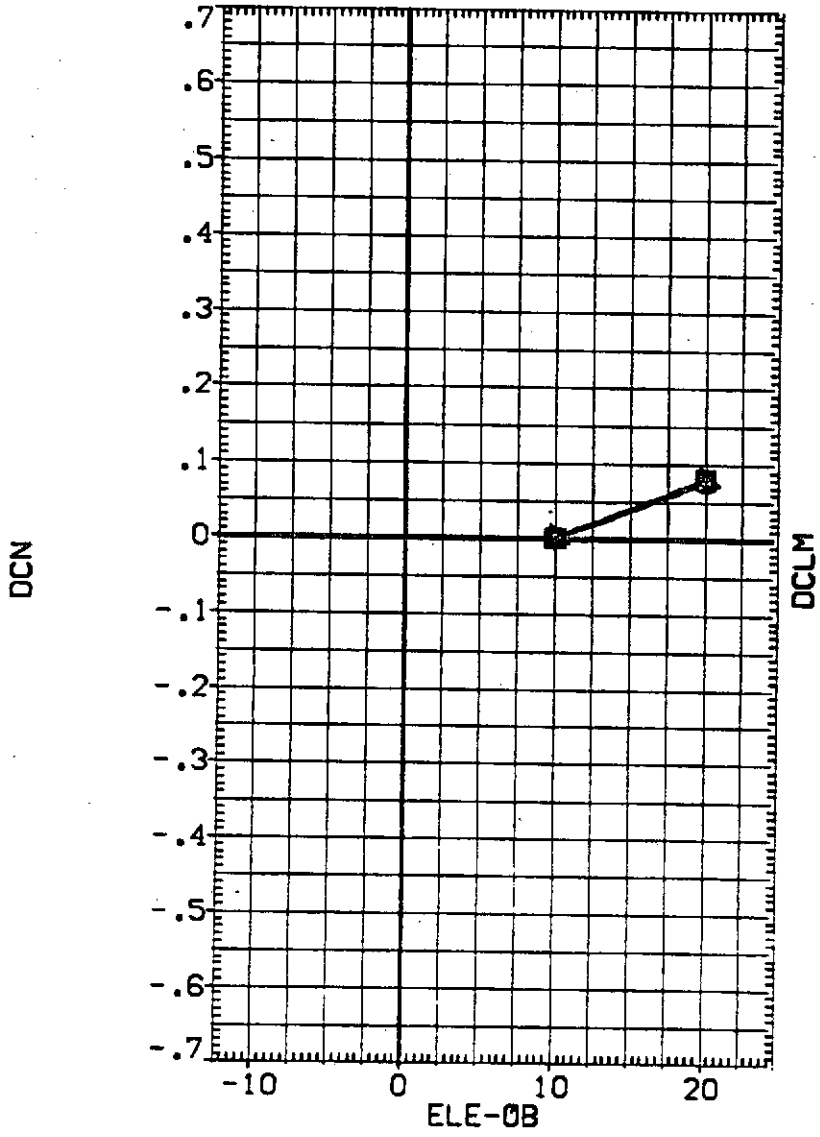


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000		LREF	19.2299	INCHES
◇	-6.000	ELE-RO	10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	-2.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



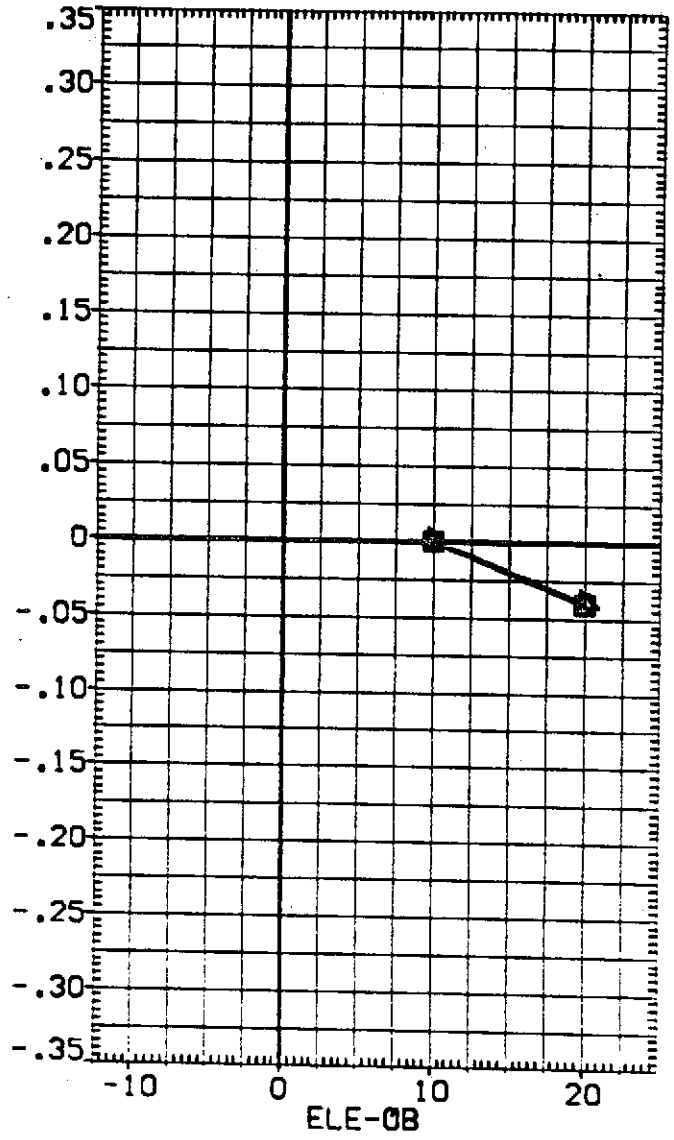


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000		LREF	19.2299	INCHES
◇	4.000	ELE-RO	10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	6.000	BDFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

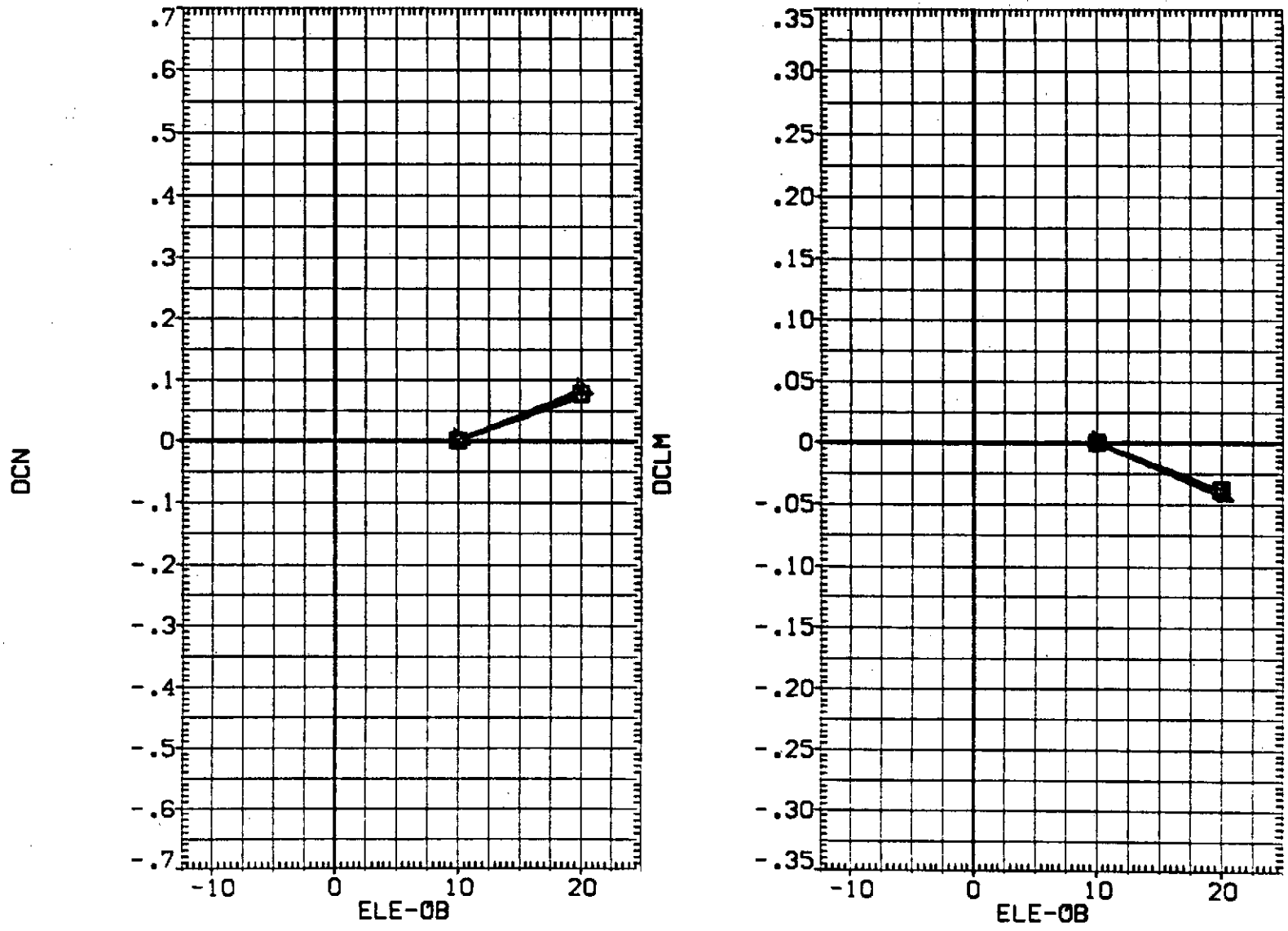


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000		LREF	19.2299	INCHES
◇	14.000	ELE-RO	10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	16.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

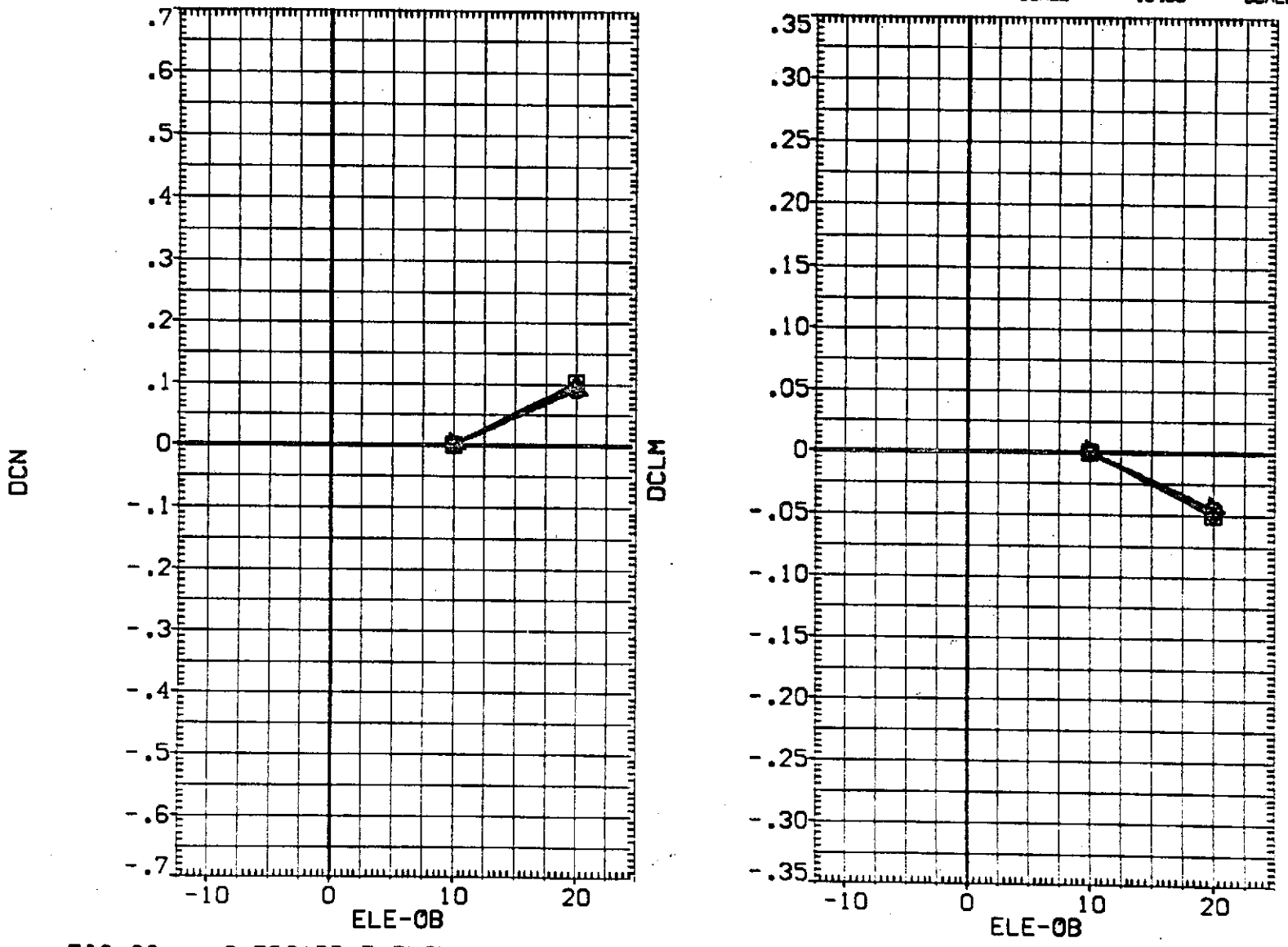


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

0A118 B26C9M7F8W116E43V8R5X9 (HF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	20.000	DATASET	ELE-OB	DATASET	ELE-OB		SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	10.000	ELE-RI	20.000	HF6051	10.000	HF6023	20.000		LREF	19.2299	INCHES
◇	24.000	ELE-RO	10.000	SPOBRK	25.000						BREF	37.9359	INCHES
△	25.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

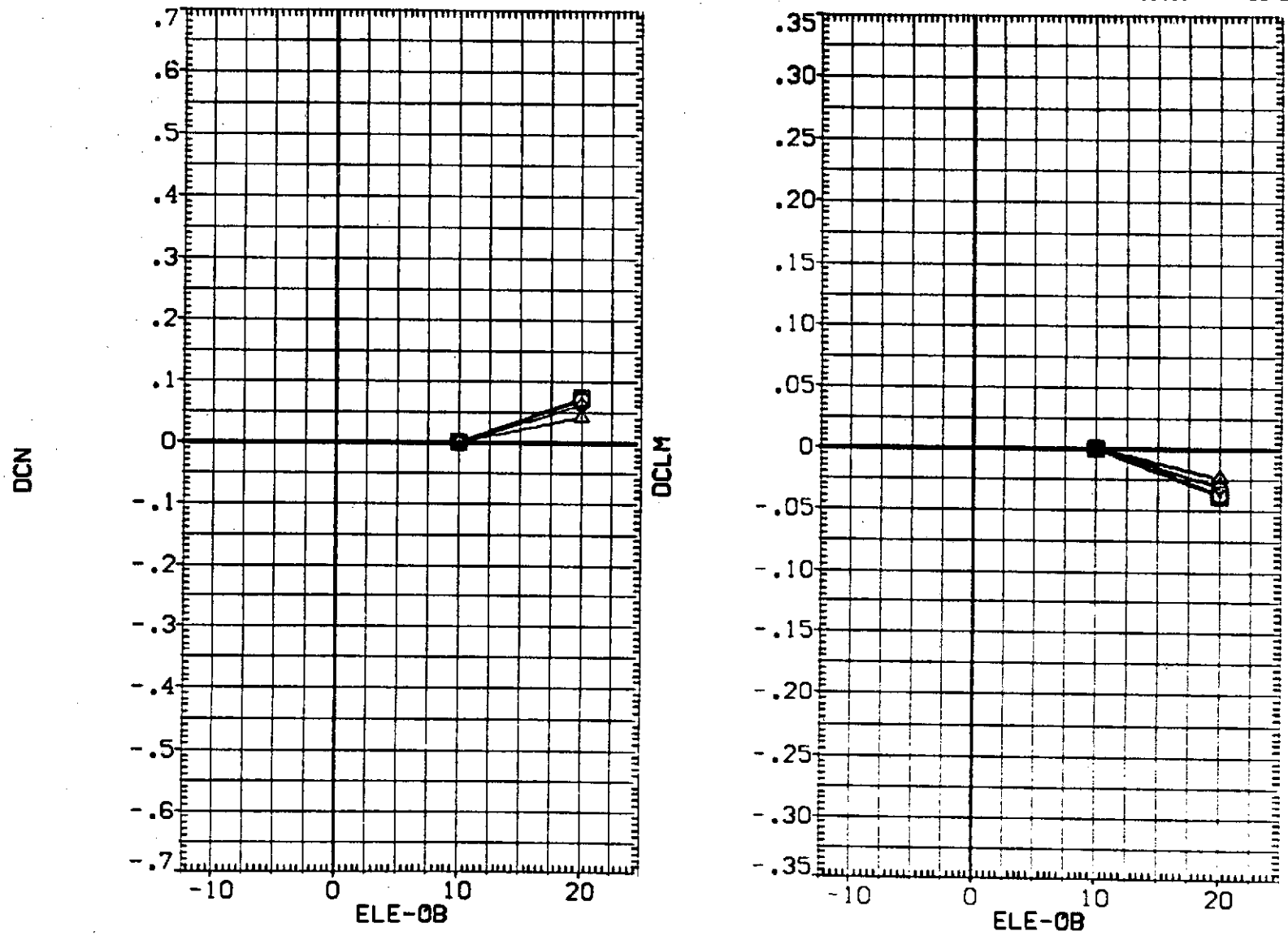


FIG 28 OUTBOARD ELEVON EFFECTIVENESS, SIX INCH GAPS, INBD ELEVON = 20 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(RF6051)	○	0A118 B26C9M7F8W116E43V8R5X9
(RF6052)	□	0A118 B26C9M7F8W116E43V8R5X9
(RF6053)	◇	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
10.000	20.000	20.000	10.000
15.000	20.000	20.000	15.000
20.000	20.000	20.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

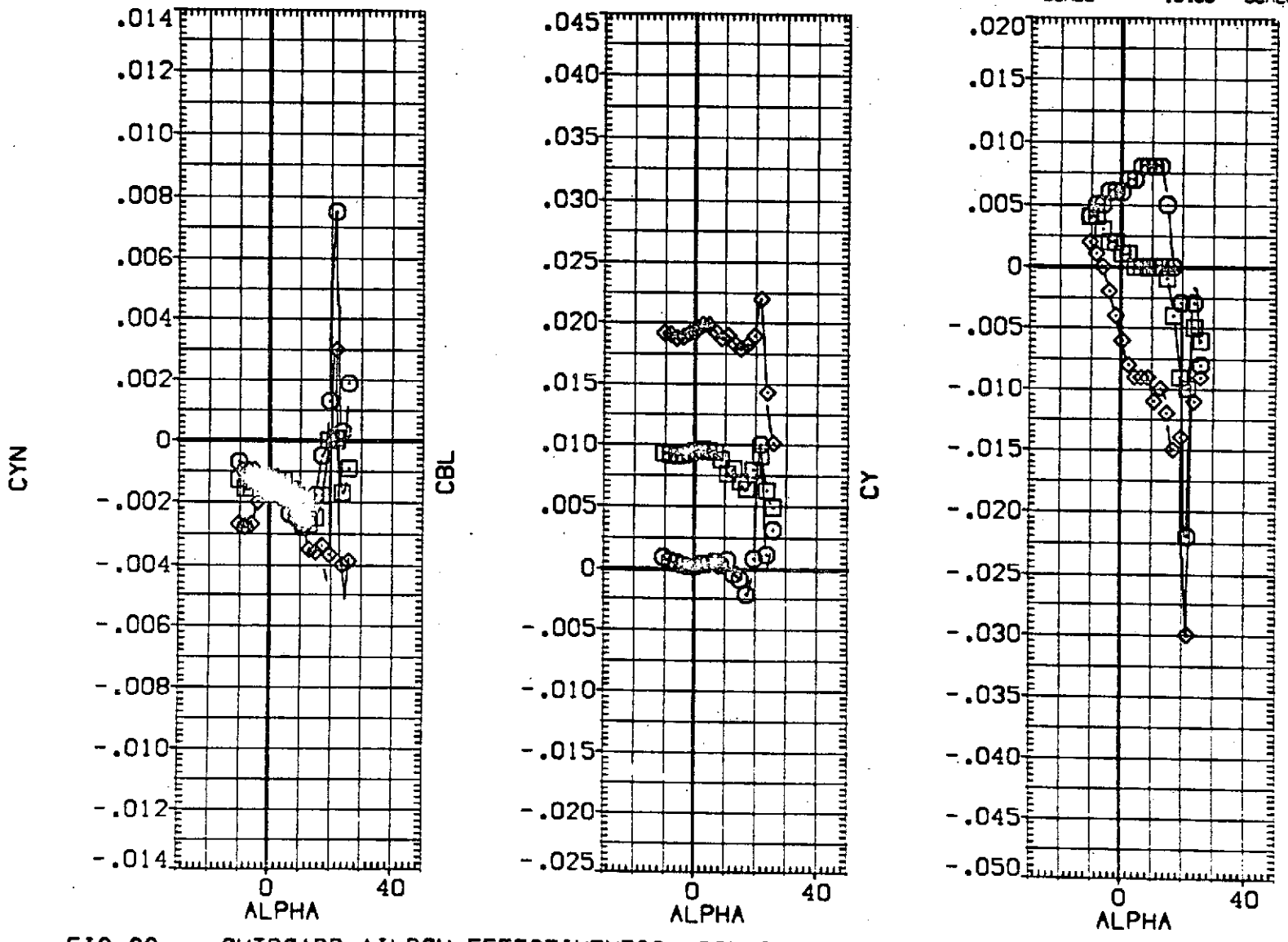


FIG 29 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAP, INBD ELEVON = 20

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LI	20.000	DATASET	AIL-0B	DATASET	AIL-0B		SREF	4.4119	SQ.FT.
□	-8.000	ELE-LO	10.000	ELE-RI	20.000	FF6051	.000	FF6052	5.000		LREF	19.2299	INCHES
◇	-6.000	ELE-RO	10.000	SPOBRK	25.000	FF6053	10.000				BREF	37.9359	INCHES
△	-4.000	BOFLAP	-12.000	RUDDER	.000						XMRP	43.5974	INCHES
◺	-2.000	ELE-OB	10.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

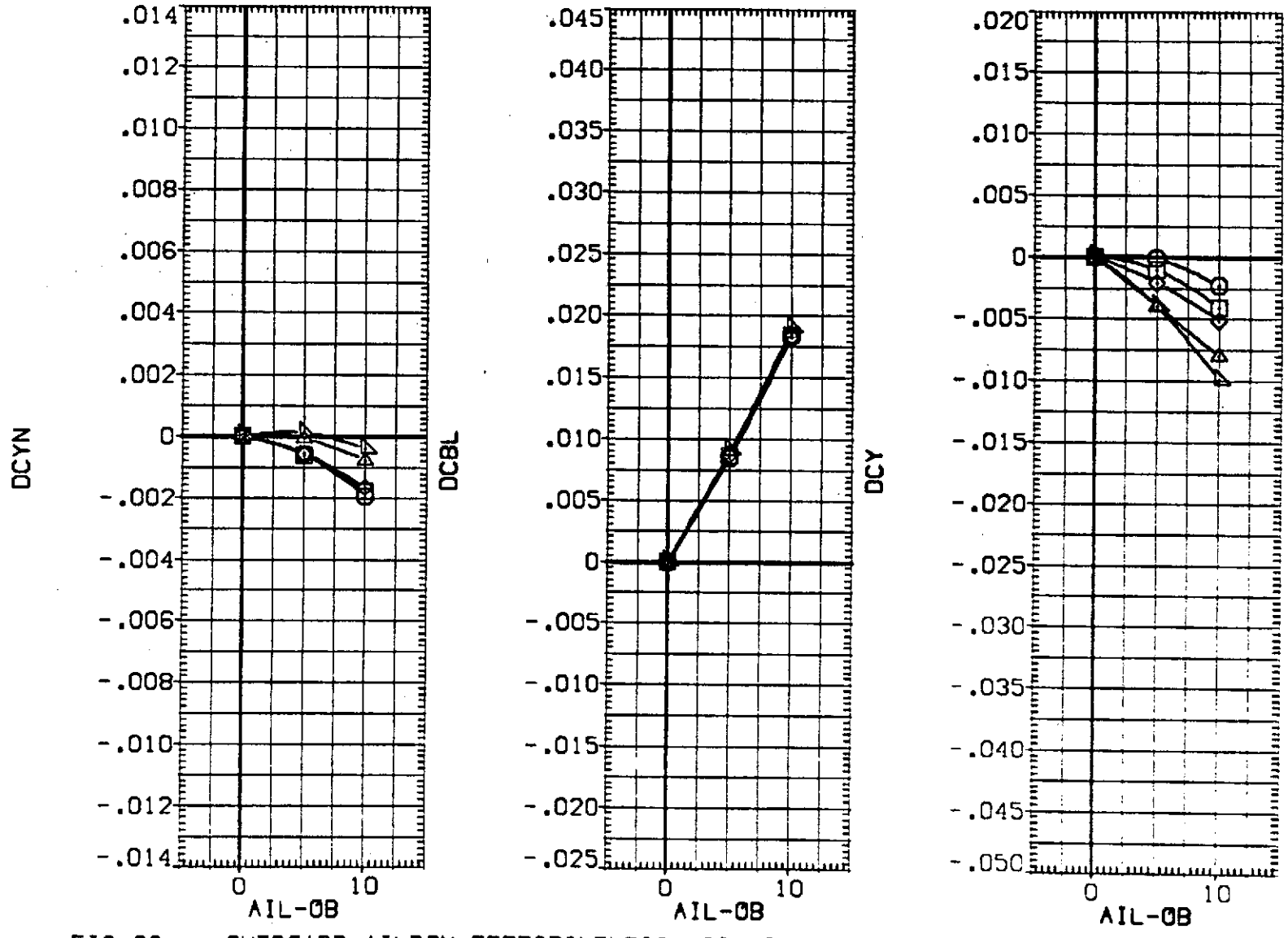


FIG 29 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAP, INBD ELEVON = 20

0A118 B26C9M7F8W116E43V8R5X9 (FF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LI	20.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	2.000	ELE-LO	10.000	ELE-RI	20.000	FF6051	.000	FF6052	5.000	LREF	19.2299	INCHES
◇	4.000	ELE-RO	10.000	SPOBRK	25.000	FF6053	10.000			BREF	37.9359	INCHES
△	6.000	BOFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	8.000	ELE-OB	10.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

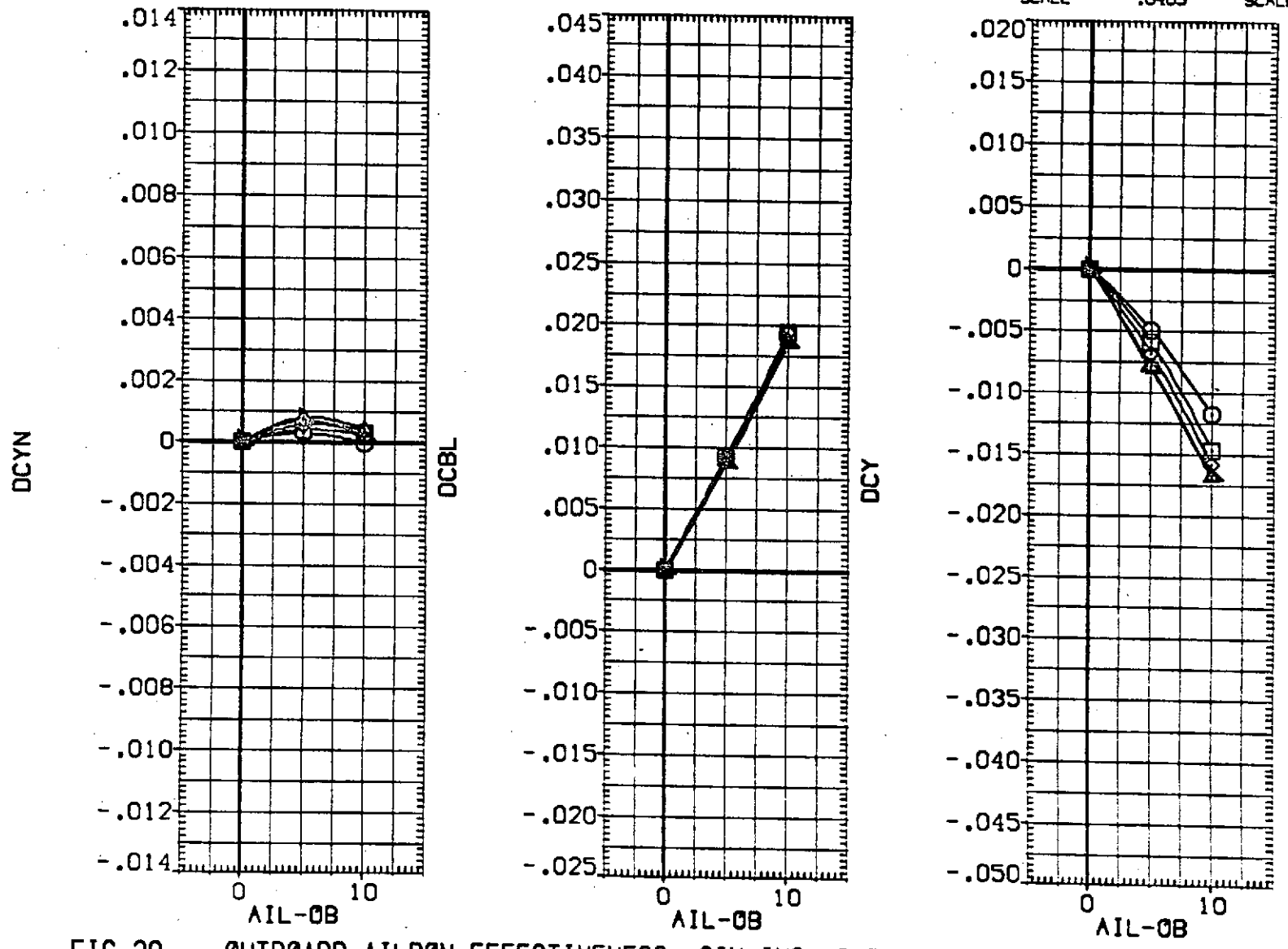


FIG 29 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAP, INBD ELEVON = 20

0A118 B26C9M7F8W116E43V8R5X9 (FF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LI	20.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	12.000	ELE-LO	10.000	ELE-RI	20.000	FF6051	.000	FF6052	5.000	LREF	19.2299	INCHES
◇	14.000	ELE-RO	10.000	SPOBRK	25.000	FF6053	10.000			BREF	37.9359	INCHES
△	16.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
◺	18.000	ELE-OB	10.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1675	INCHES
										SCALE	.0405	SCALE

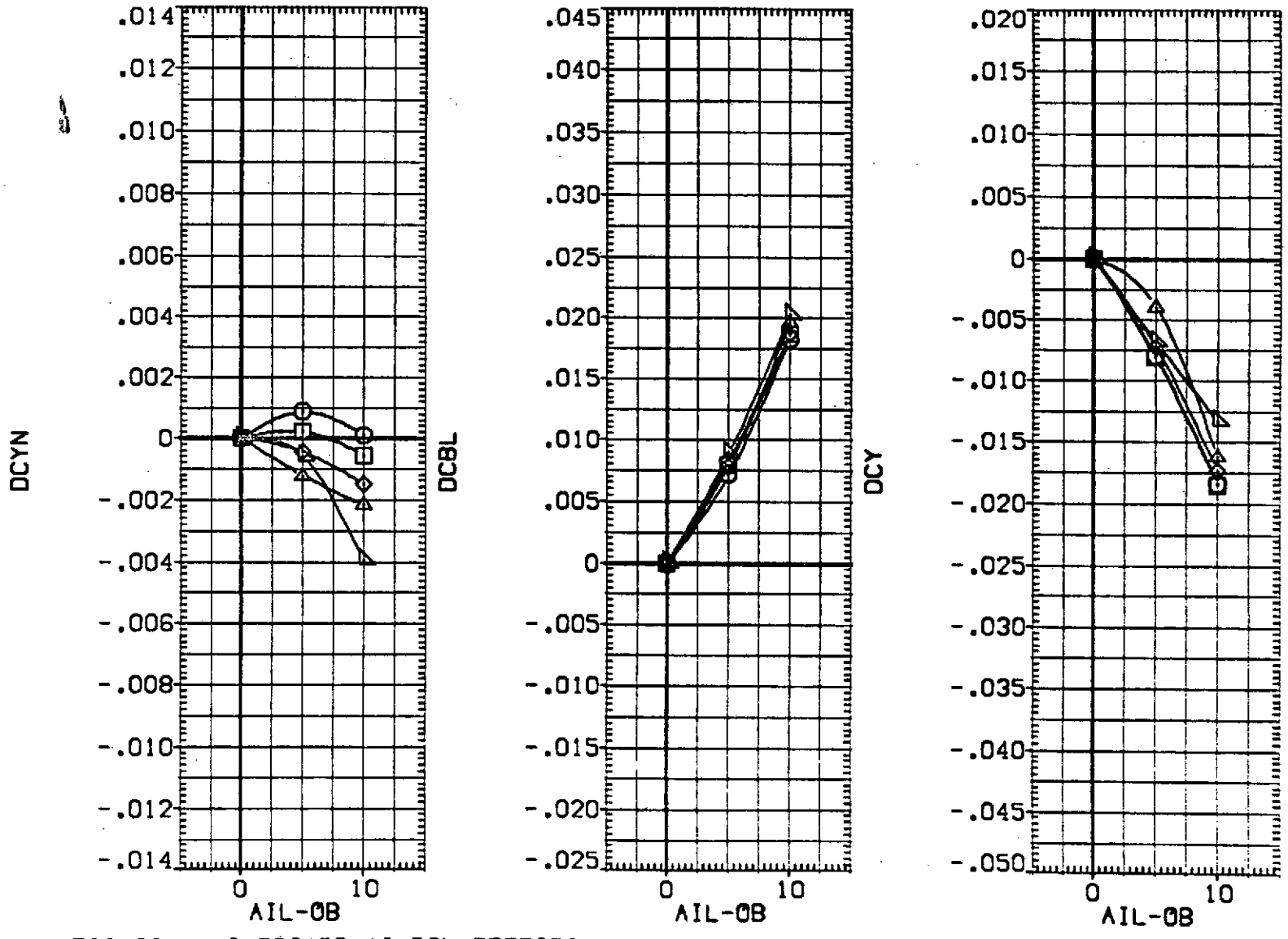


FIG 29 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAP, INBD ELEVON = 20

0A118 B26C9M7F8W116E43V8R5X9 (FF6051)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LI	20.000	DATASET	AIL-OB	DATASET	AIL-OB	SREF	4.4119	SQ.FT.
□	22.000	ELE-LO	10.000	ELE-RI	20.000	FF6051	.000	FF6052	5.000	LREF	19.2299	INCHES
◇	24.000	ELE-RO	10.000	SPDBRK	25.000	FF6053	10.000			BREF	37.9359	INCHES
△	25.000	BDFLAP	-12.000	RUDDER	.000					XMRP	43.5974	INCHES
		ELE-OB	10.000	BETA	.000					YMRP	.0000	INCHES
										ZMRP	15.1875	INCHES
										SCALE	.0405	SCALE

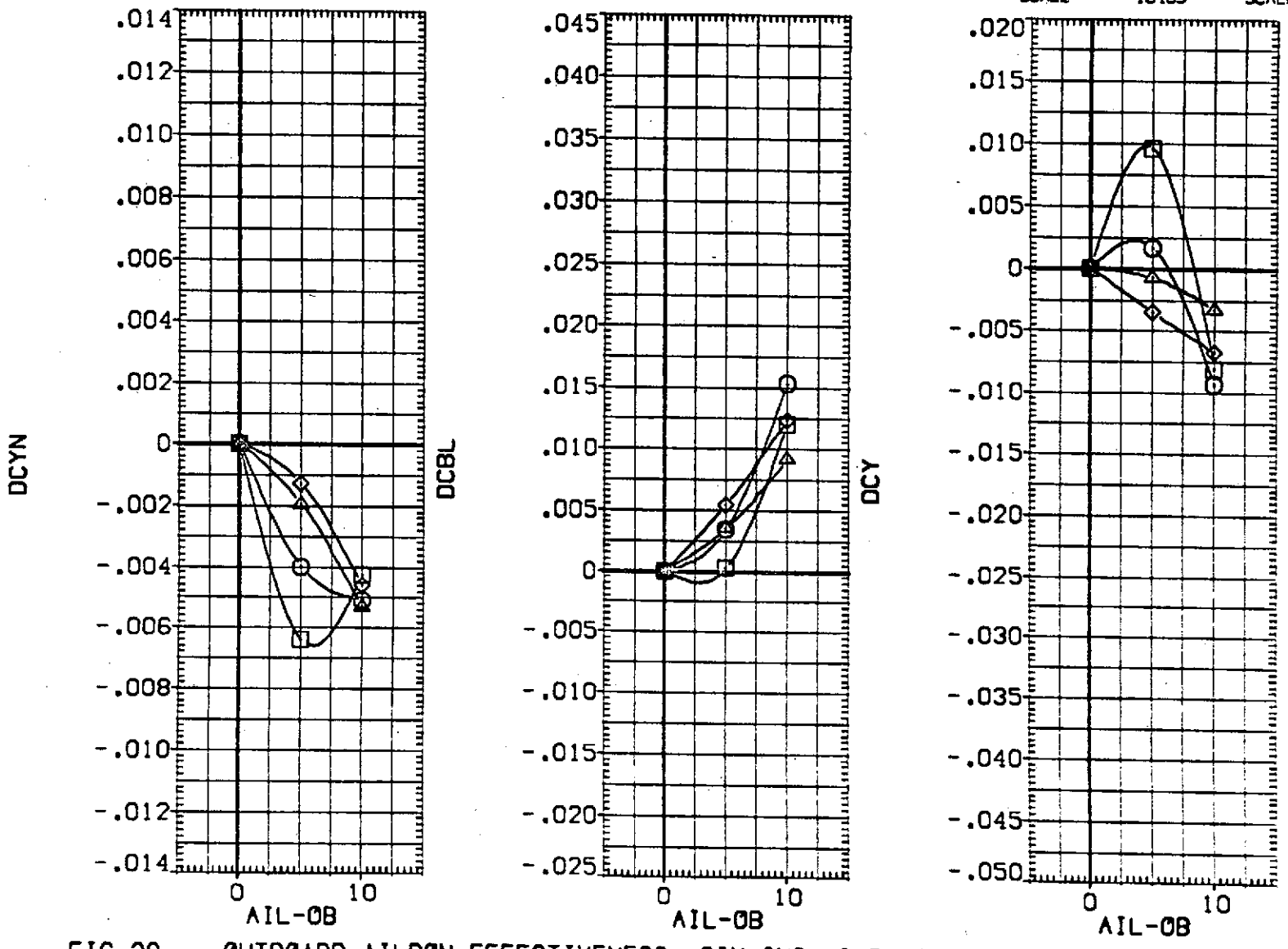
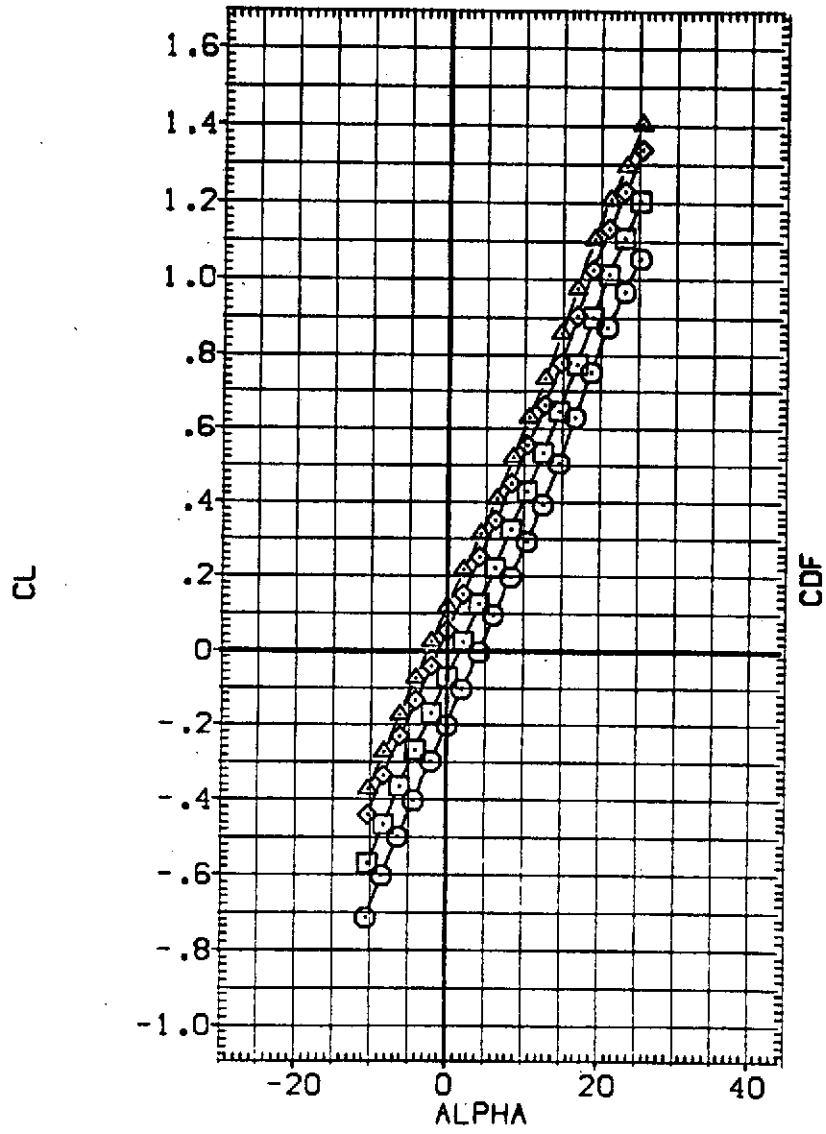


FIG 29 OUTBOARD AILRON EFFECTIVENESS, SIX INCH GAP, INBD ELEVON = 20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6043)	○	0A118 B26C9M7F8W116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8W116E43V8R5X9
(BF6057)	◇	0A118 B26C9M7F8W116E43V8R5X9
(BF6044)	△	0A118 B26C9M7F8W116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	-10.000	-10.000	.000
.000	.000	.000	.000
.000	10.000	10.000	.000
.000	15.000	15.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



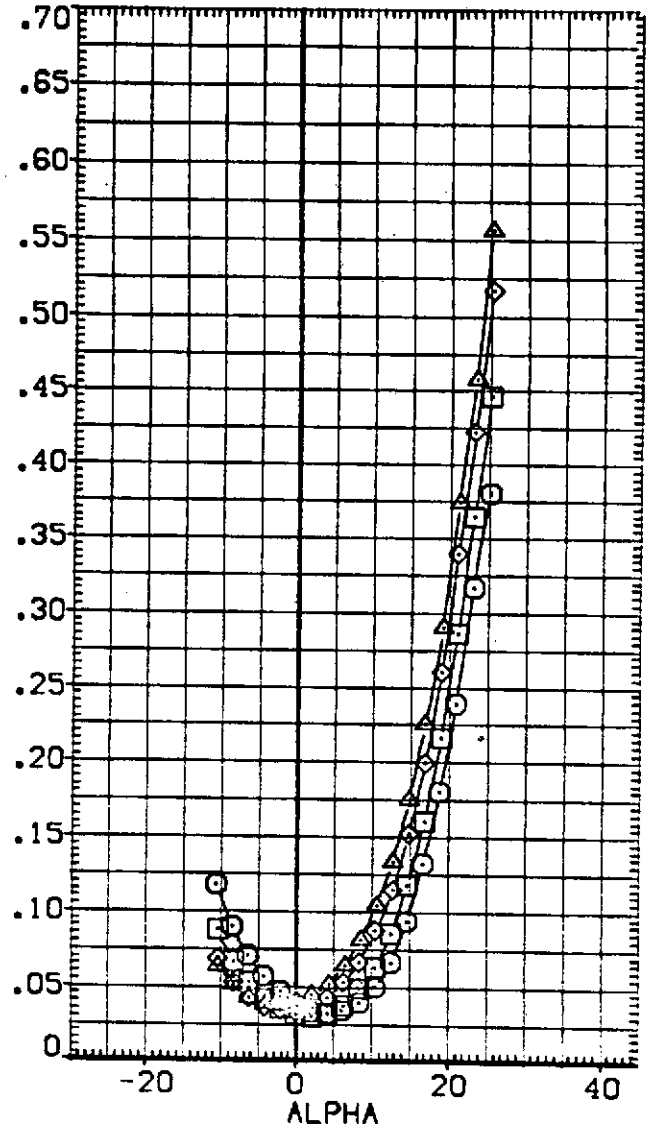


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

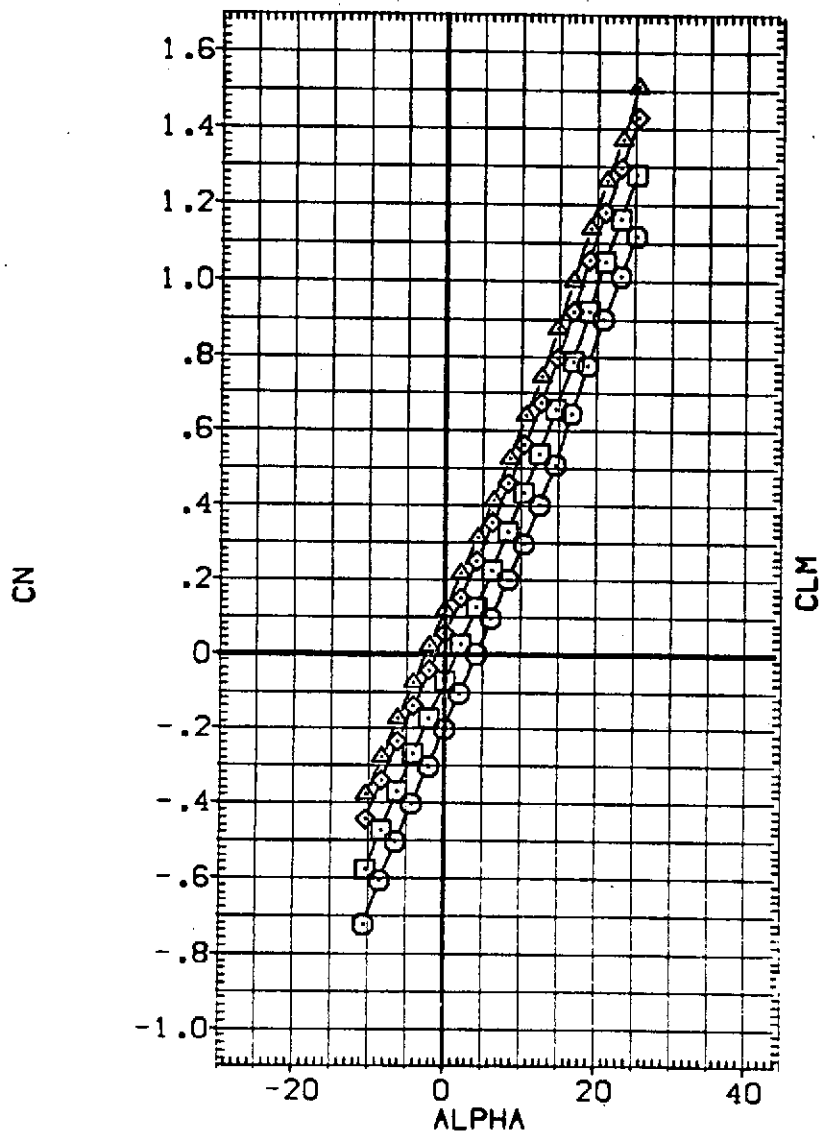
(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6043)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6057)	◇	0A118 B26C9M7F8V116E43V8R5X9
(BF6044)	△	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	-10.000	-10.000	.000
.000	.000	.000	.000
.000	10.000	10.000	.000
.000	15.000	15.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



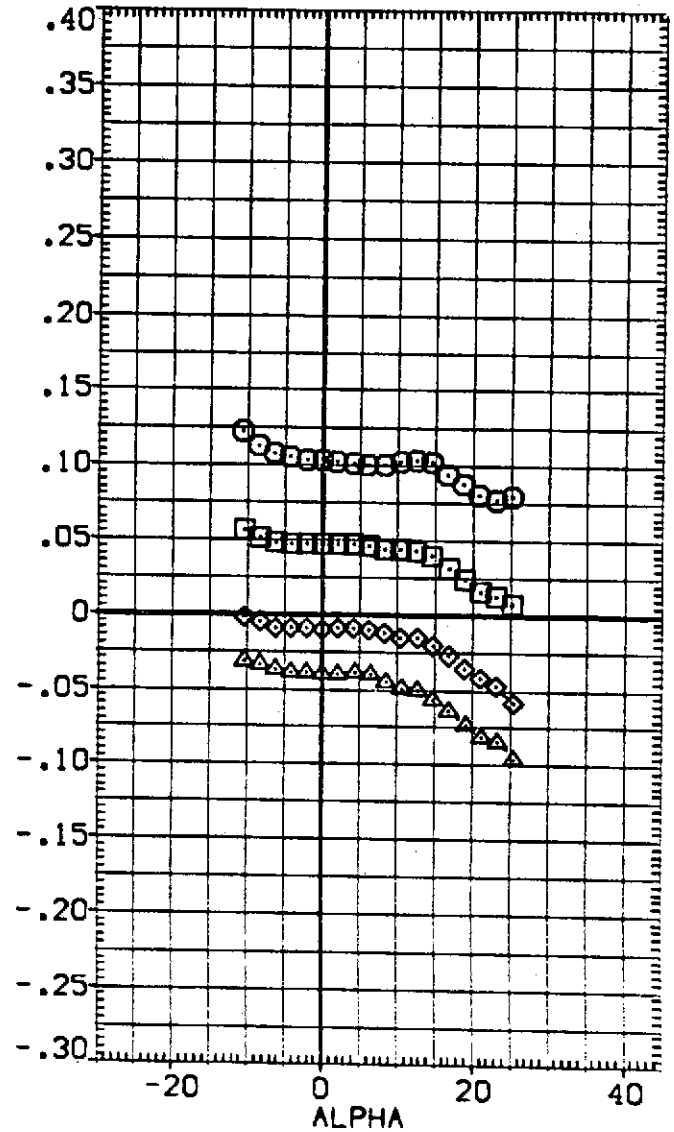


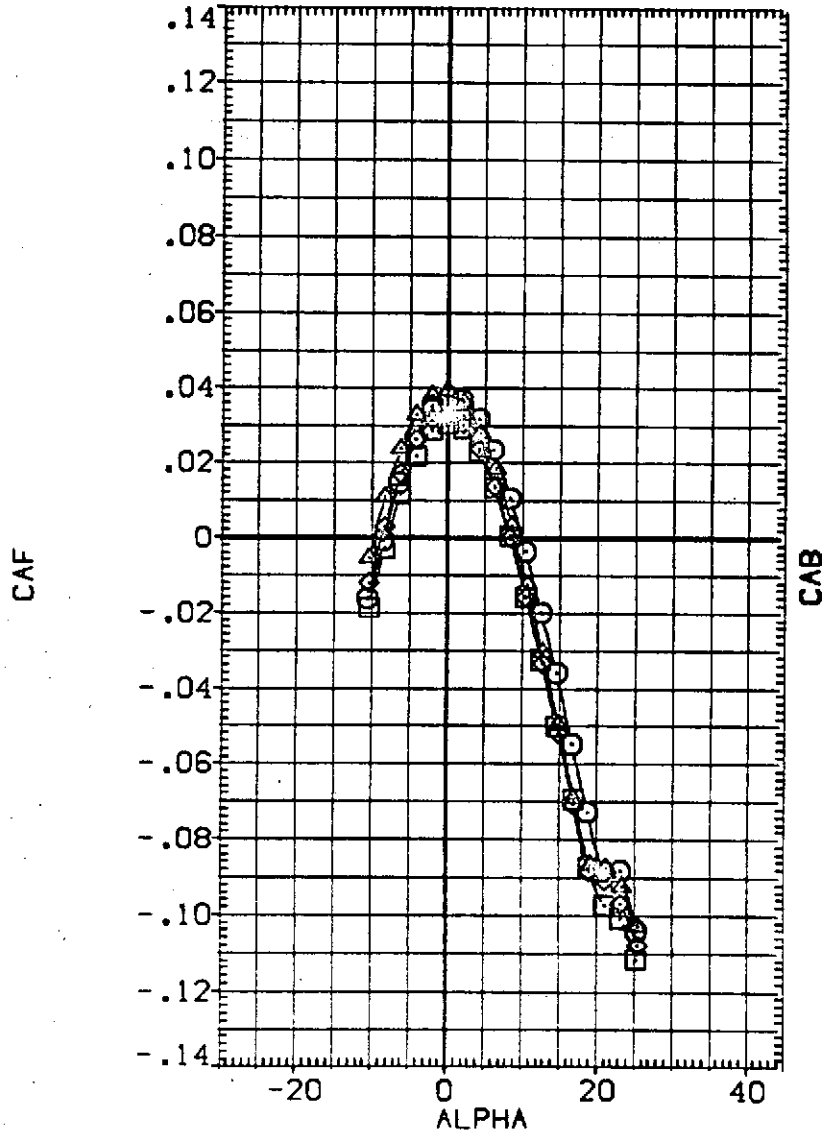
FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	
(BF6043)	○	0A118	B26C9M7F8V116E43V8R5X9
(BF6018)	□	0A118	B26C9M7F8V116E43V8R5X9
(BF6057)	◇	0A118	B26C9M7F8V116E43V8R5X9
(BF6044)	△	0A118	B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	-10.000	-10.000	.000
.000	.000	.000	.000
.000	10.000	10.000	.000
.000	15.000	15.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



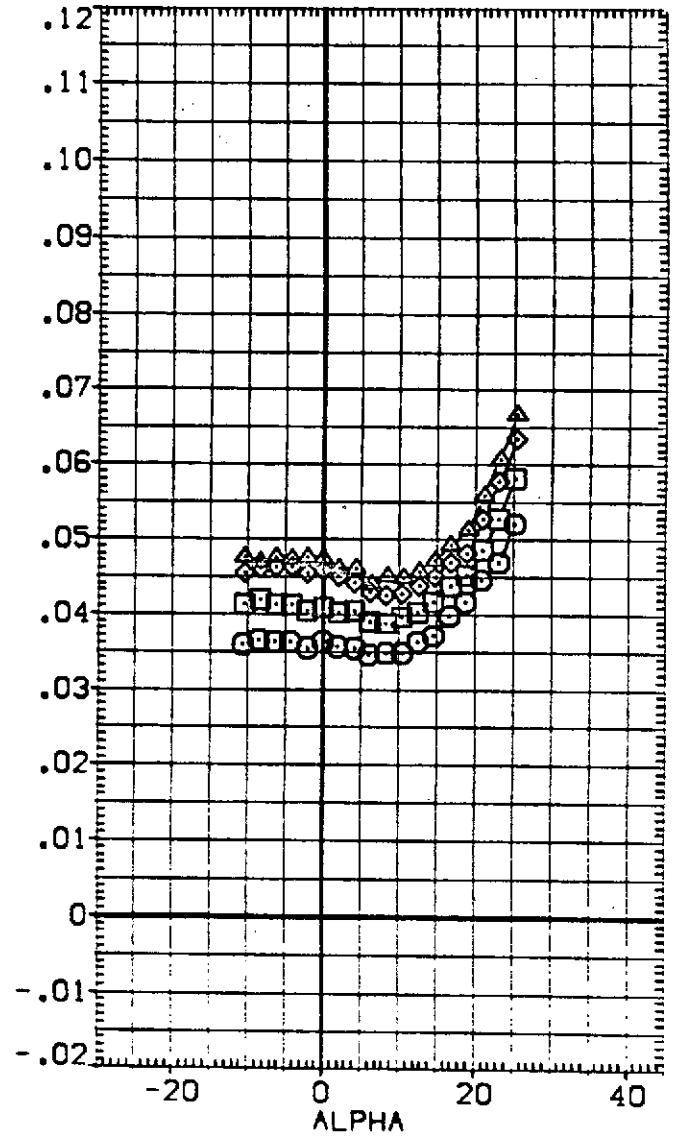


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(BF6043)	○	0A118 B26C9M7F8V116E43V8R5X9
(BF6018)	□	0A118 B26C9M7F8V116E43V8R5X9
(BF6057)	◇	0A118 B26C9M7F8V116E43V8R5X9
(BF6044)	△	0A118 B26C9M7F8V116E43V8R5X9

ELE-LO	ELE-LI	ELE-RI	ELE-RO
.000	-10.000	-10.000	.000
.000	.000	.000	.000
.000	10.000	10.000	.000
.000	15.000	15.000	.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

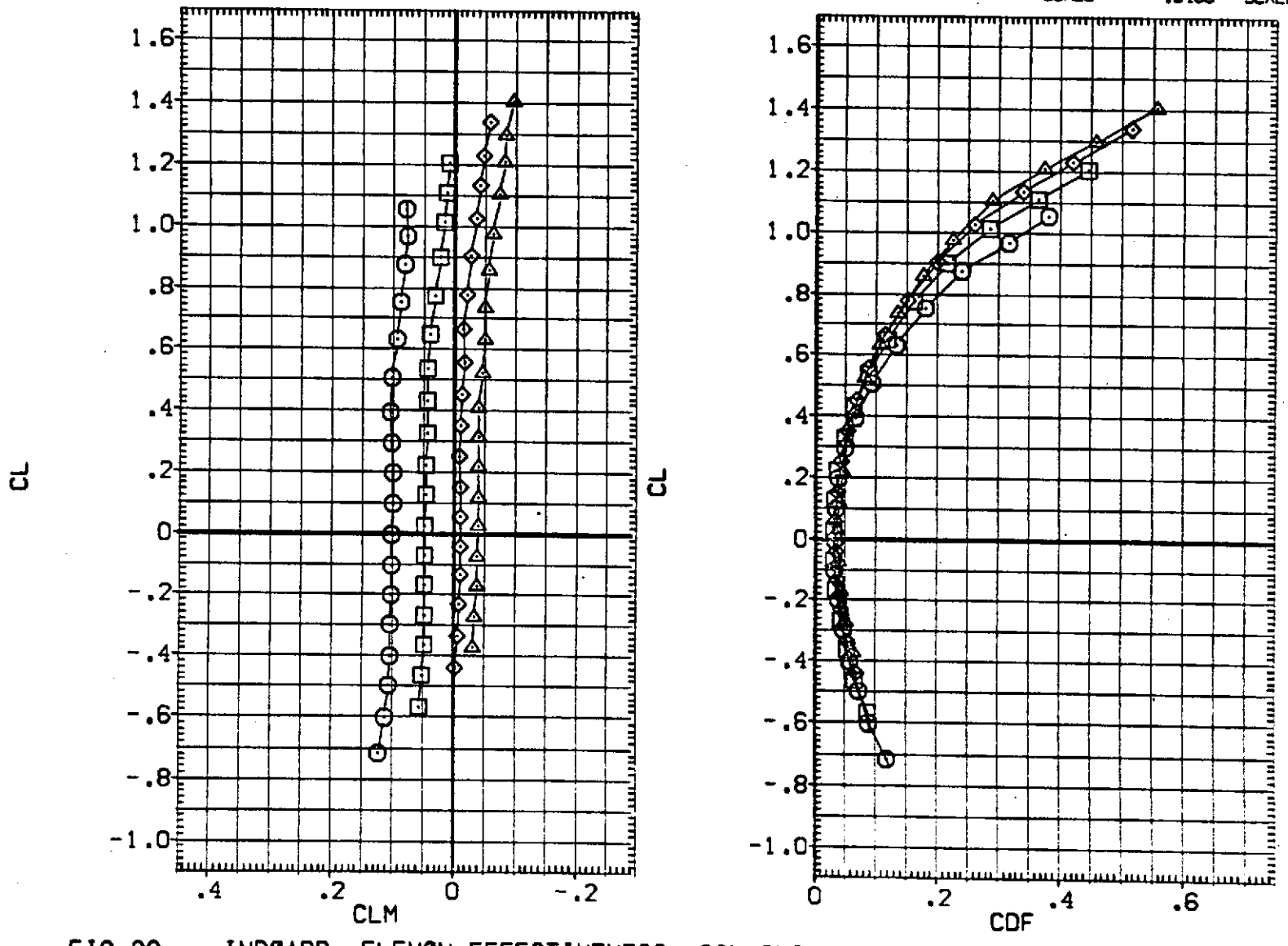


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELE-LO	ELE-LI	ELE-RI	ELE-RO
[BF6043]	○	0A118 B26C9M7F8V116843V8R5X9	.000	-10.000	-10.000	.000
[BF6018]	□	0A118 B26C9M7F8V116843V8R5X9	.000	.000	.000	.000
[BF6057]	◇	0A118 B26C9M7F8V116843V8R5X9	.000	10.000	10.000	.000
[BF6044]	△	0A118 B26C9M7F8V116843V8R5X9	.000	15.000	15.000	.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE

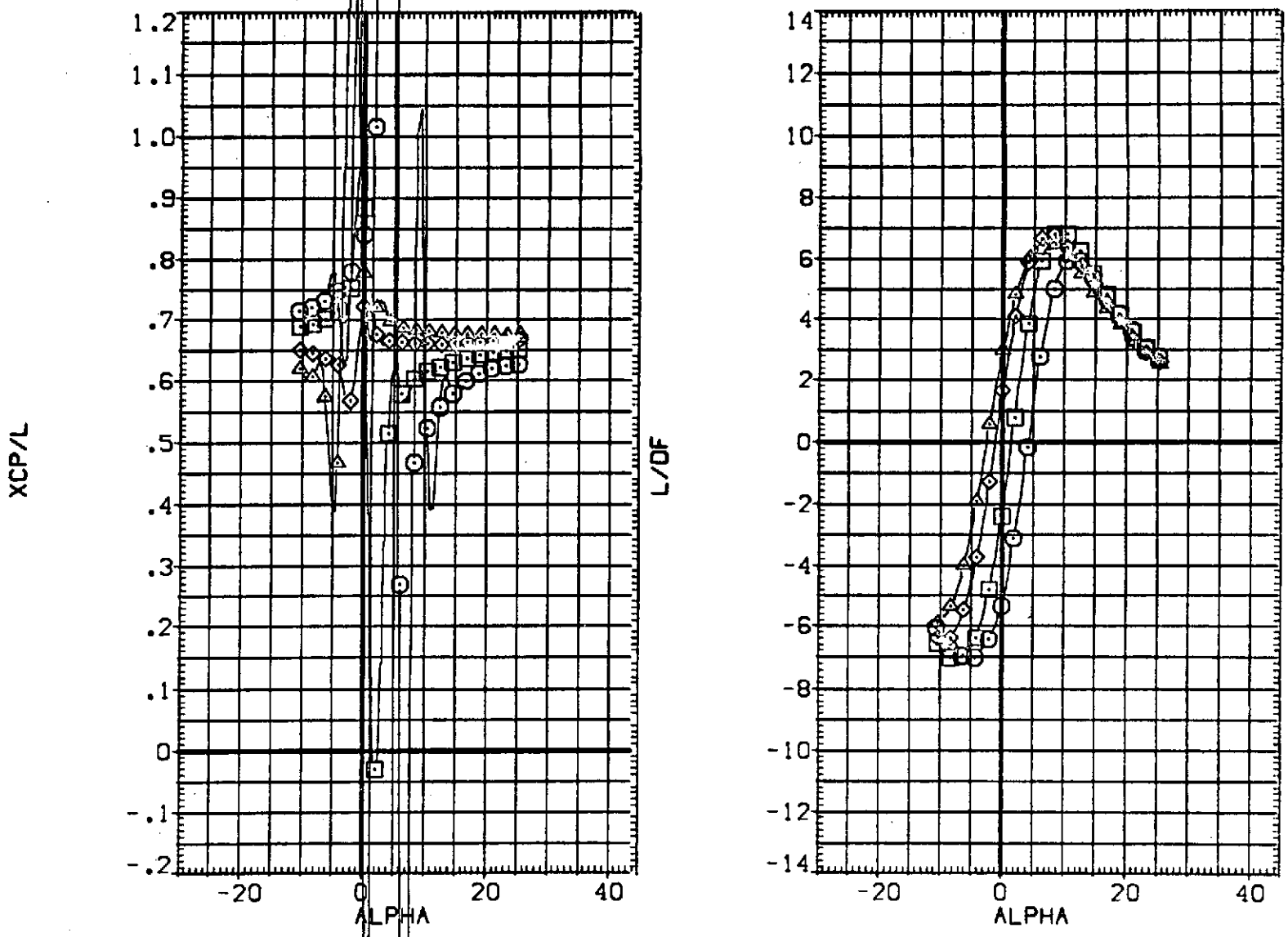
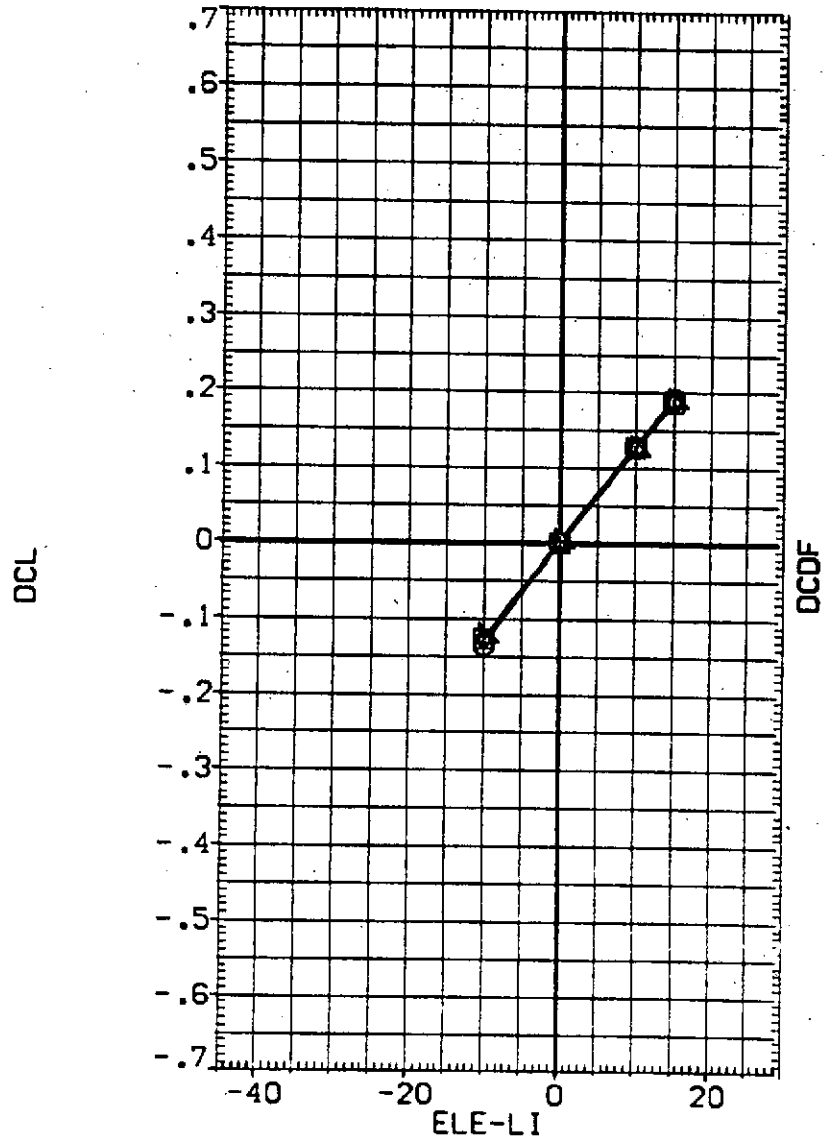


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

(A)MACH = .26

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	-6.000	SPOBRK	25.000	BOFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◿	-2.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



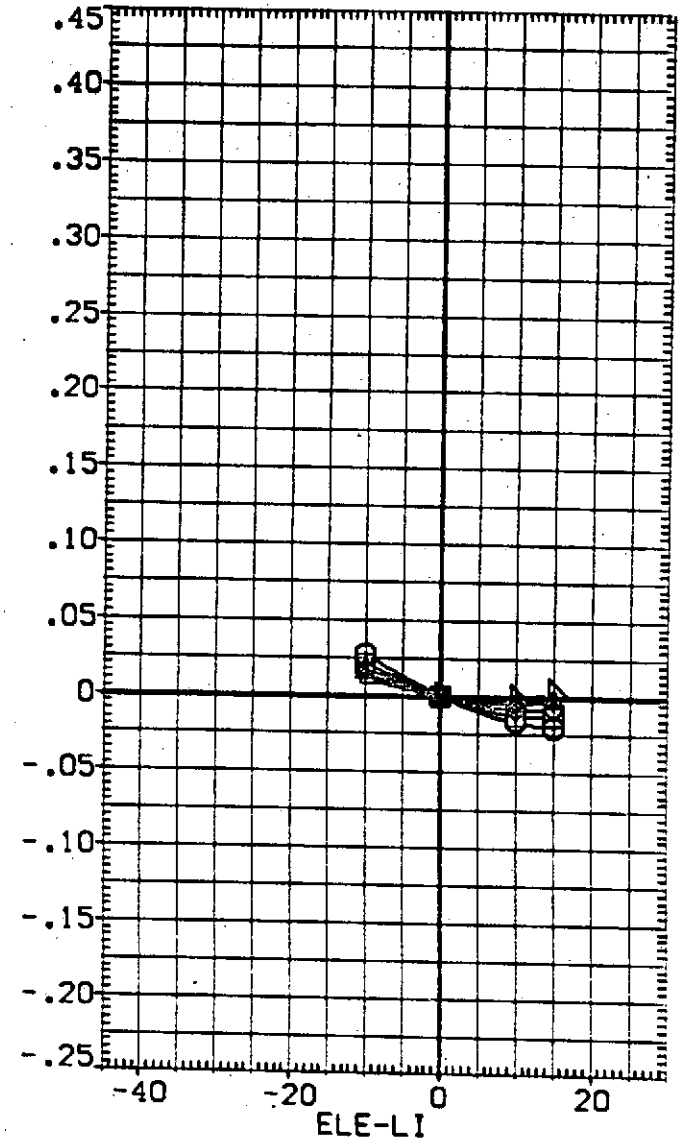
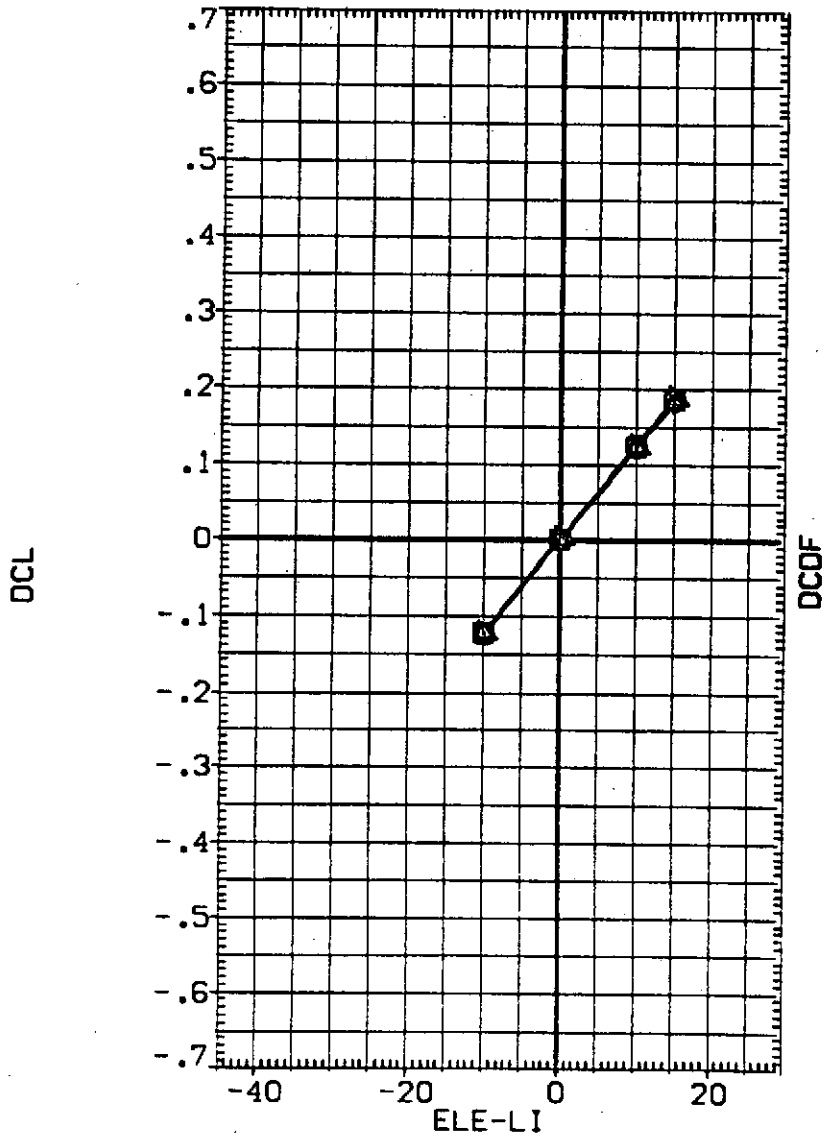


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	4.000	SPOBRK	25.000	BOFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	6.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◭	8.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



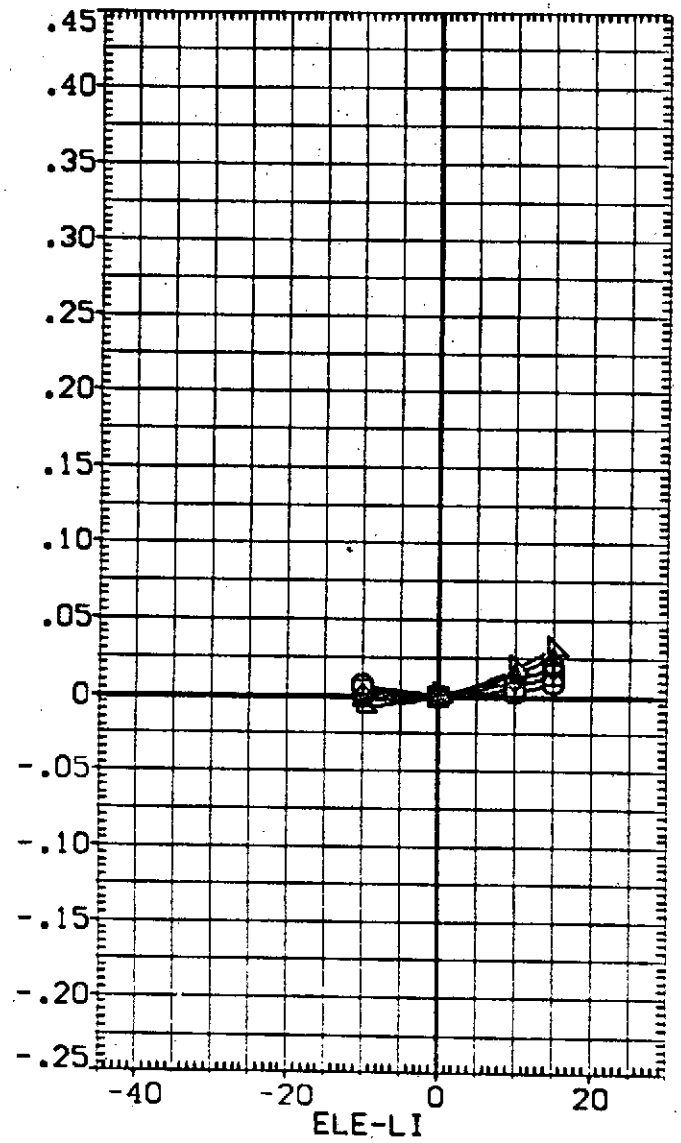
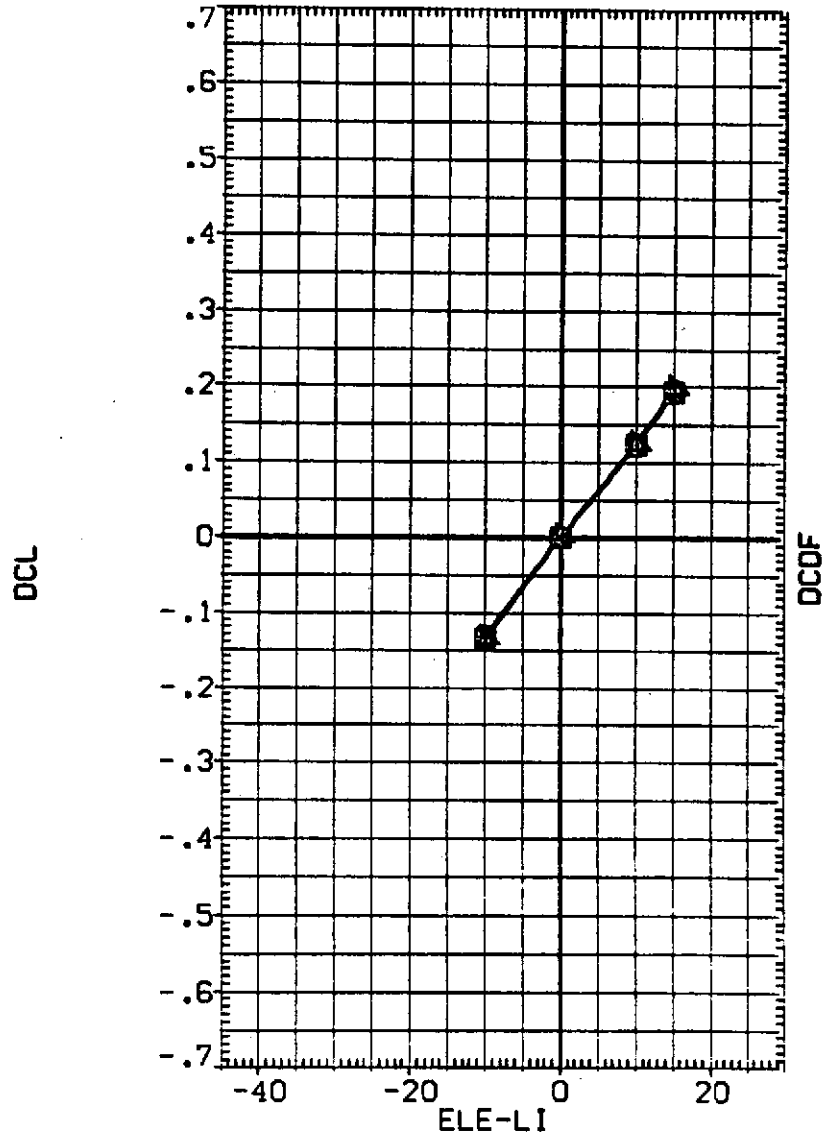


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	14.000	SPDBRK	25.000	BDFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	16.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◿	18.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



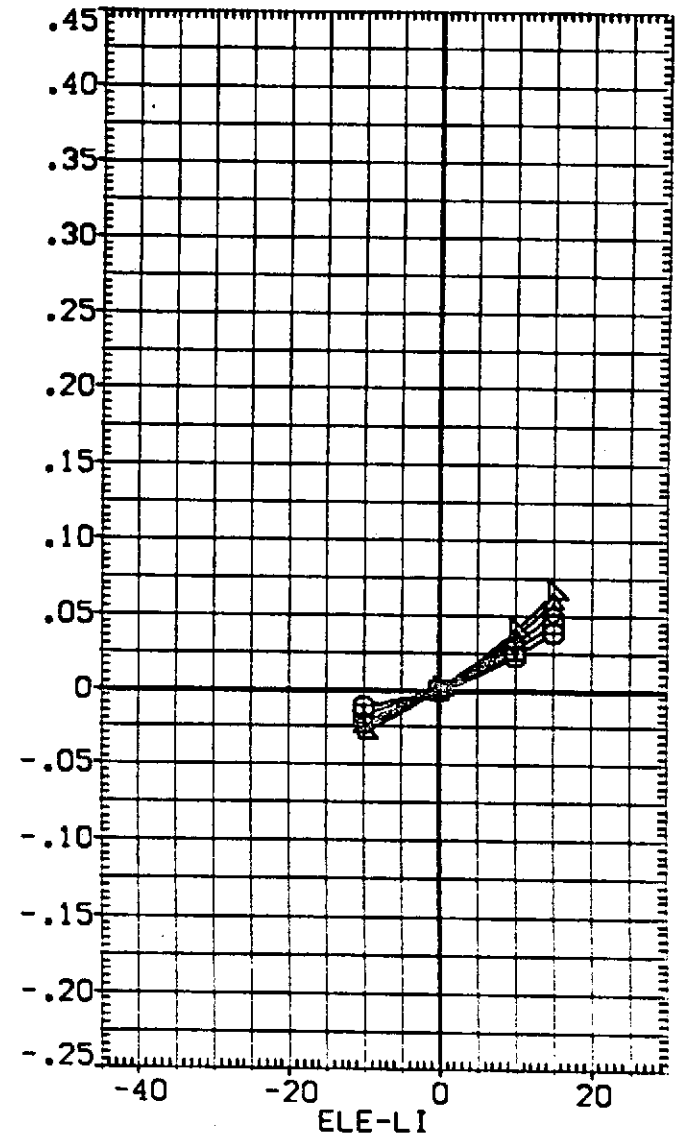
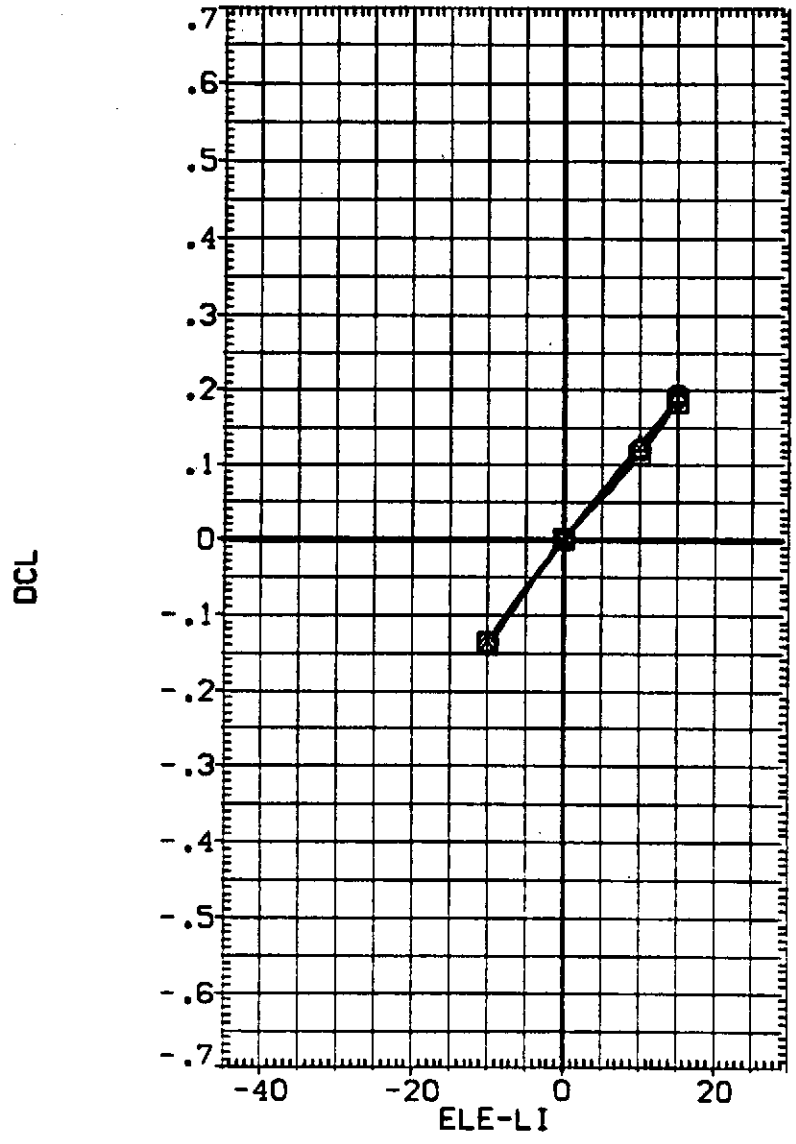


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	24.000	SPDBRK	25.000	BDFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	25.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



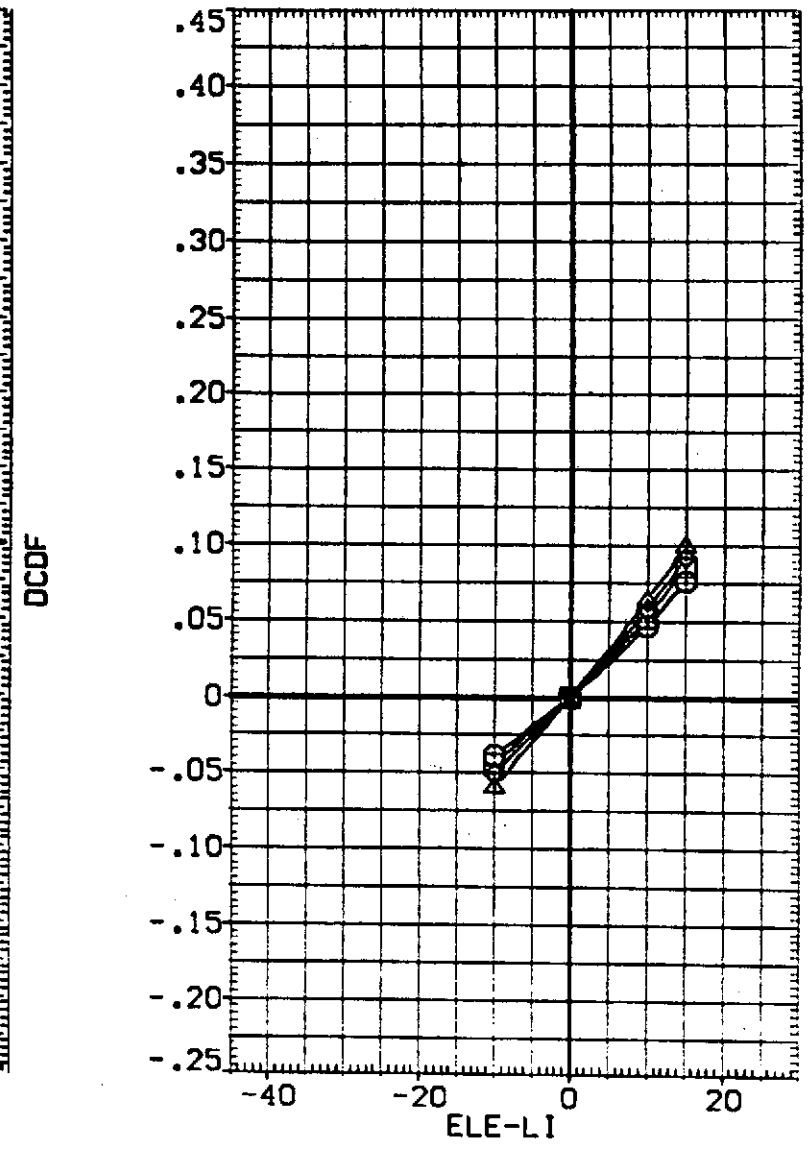
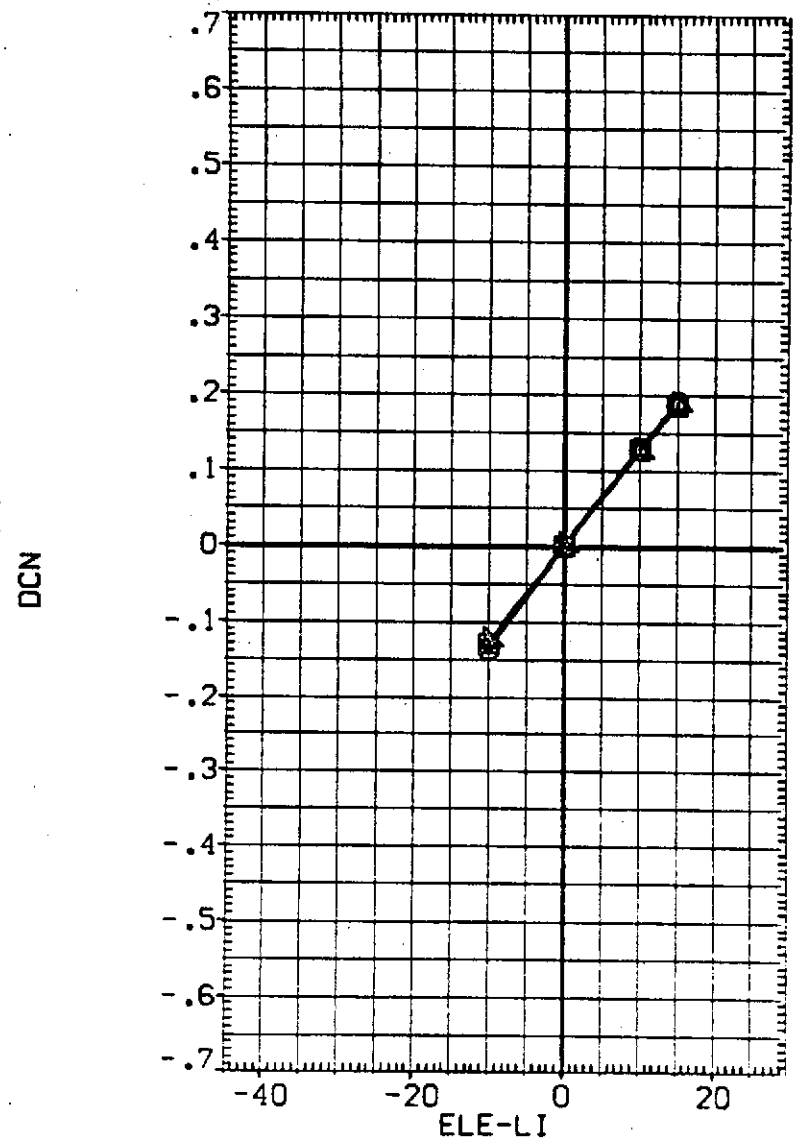


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	-10.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	-8.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	-6.000	SPDBRK	25.000	BDFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	-4.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◿	-2.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE



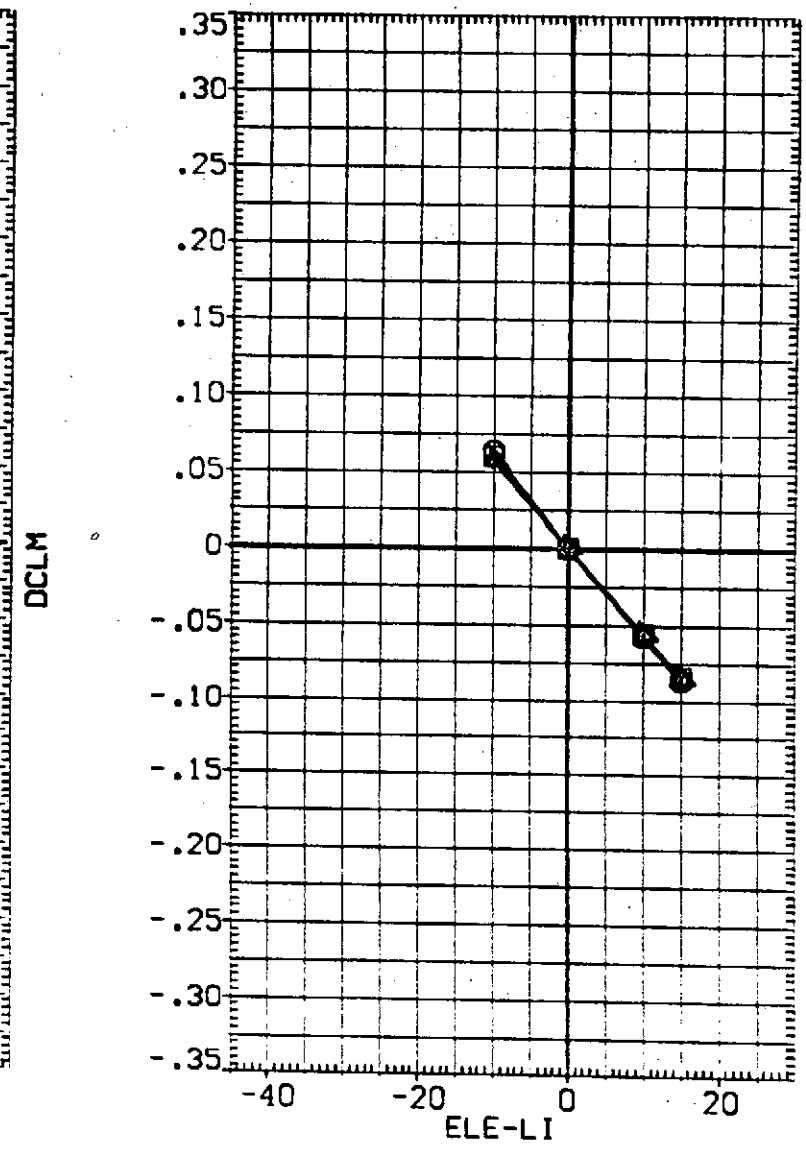


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	2.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	4.000	SPDBRK	25.000	BDFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	6.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◺	8.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

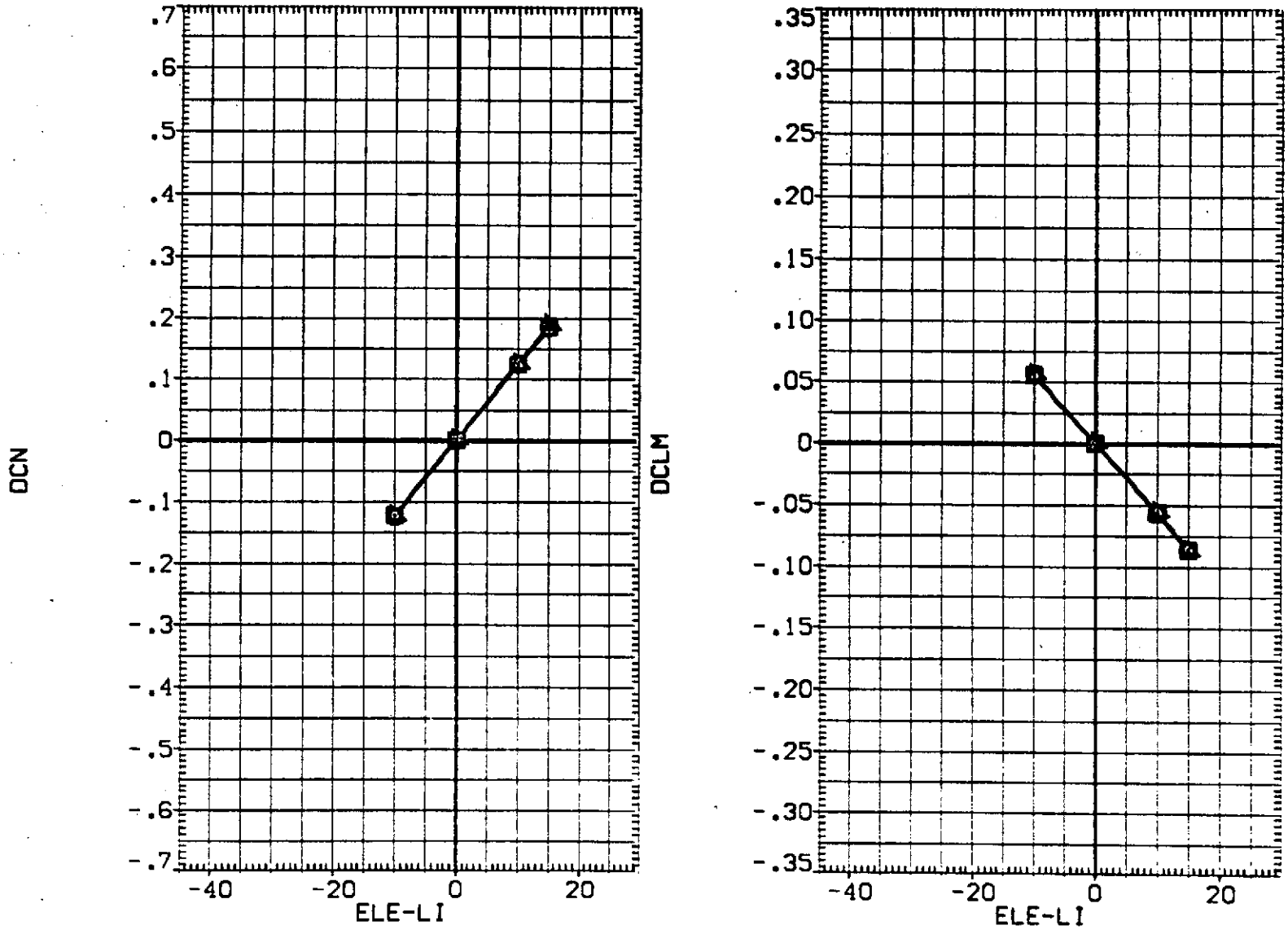


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	10.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	12.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	14.000	SPOBRK	25.000	BOFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	16.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
◺	18.000	AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

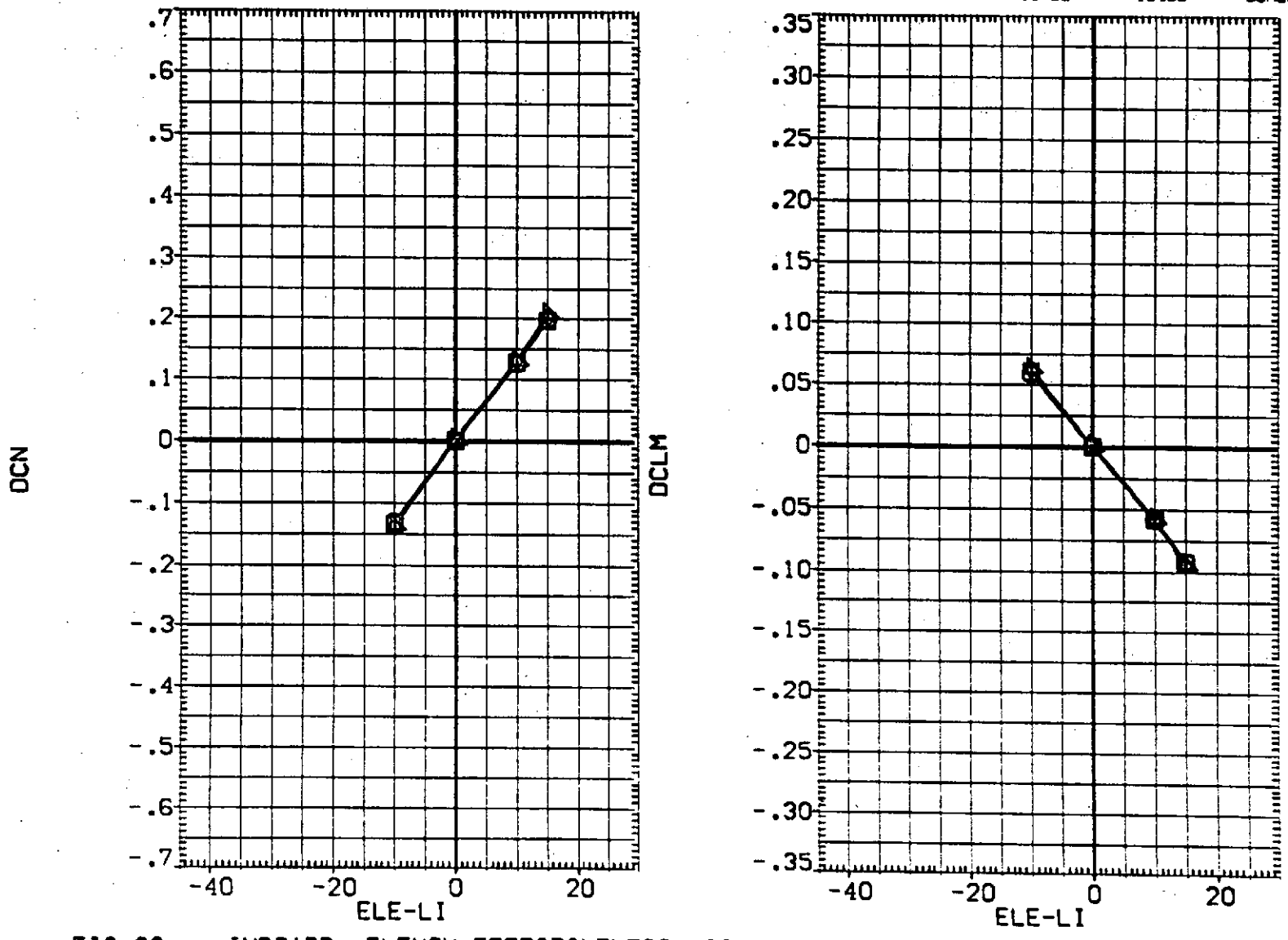


FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

0A118 B26C9M7F8W116E43V8R5X9 (FF6043)

SYMBOL	ALPHA	PARAMETRIC VALUES					DATA SOURCE				REFERENCE INFORMATION		
○	20.000	MACH	.260	ELE-LO	.000	DATASET	ELE-LI	DATASET	ELE-LI		SREF	4.4119	SQ.FT.
□	22.000	ELE-RI	-10.000	ELE-RO	.000	FF6043	-10.000	FF6018	.000		LREF	19.2299	INCHES
◇	24.000	SPOBRK	25.000	BOFLAP	-12.000	FF6057	10.000	FF6044	15.000		BREF	37.9359	INCHES
△	25.000	RUDDER	.000	ELE-OB	.000						XMRP	43.5974	INCHES
		AIL-OB	.000	BETA	.000						YMRP	.0000	INCHES
											ZMRP	15.1875	INCHES
											SCALE	.0405	SCALE

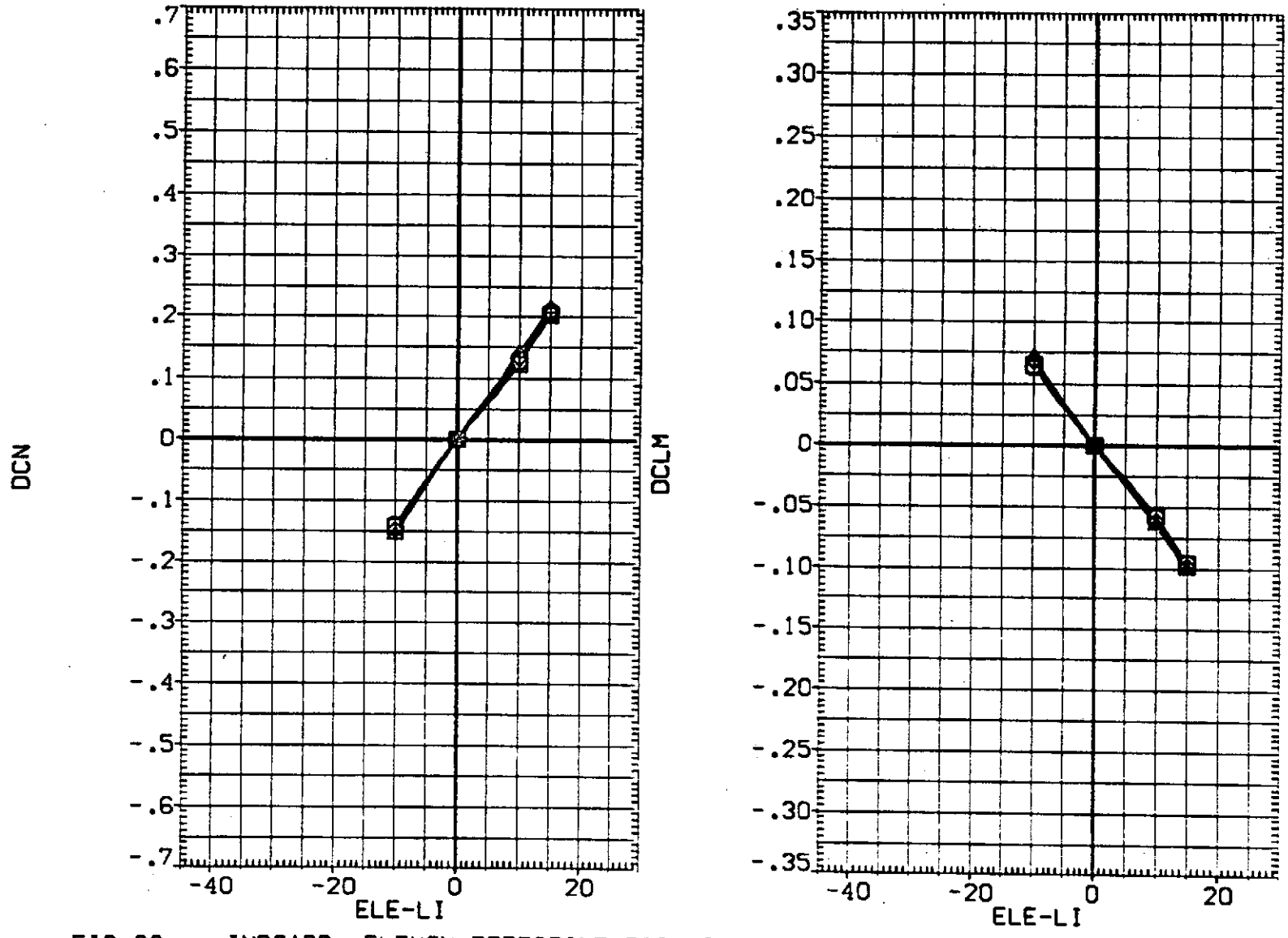


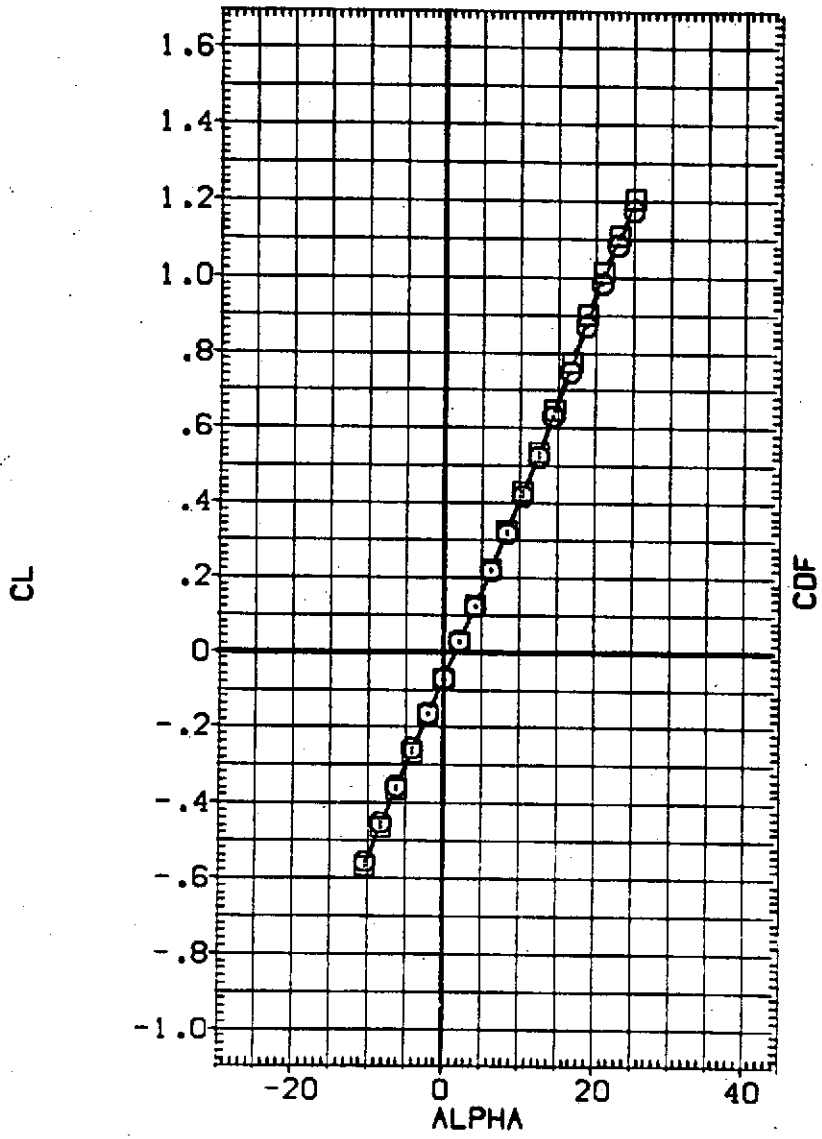
FIG 30 INBOARD ELEVON EFFECTIVENESS, SIX INCH GAP, OTBD ELEVON = 0

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ZF6019)	○	0A118 B26C9M7F8W116E43V8R5X9
(ZF6018)	□	0A118 B26C9M7F8W116E43V8R5X9

MACH	ELEVON	BDFLAP	SPDBRK
.200	.000	-12.000	25.000
.260	.000	-12.000	25.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



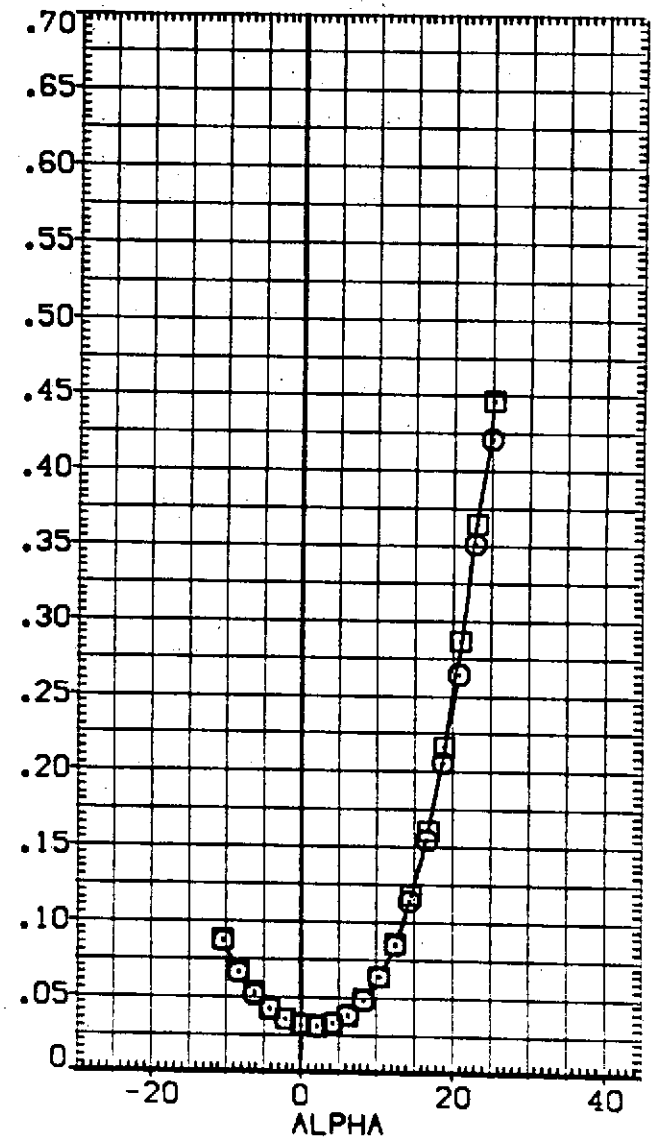


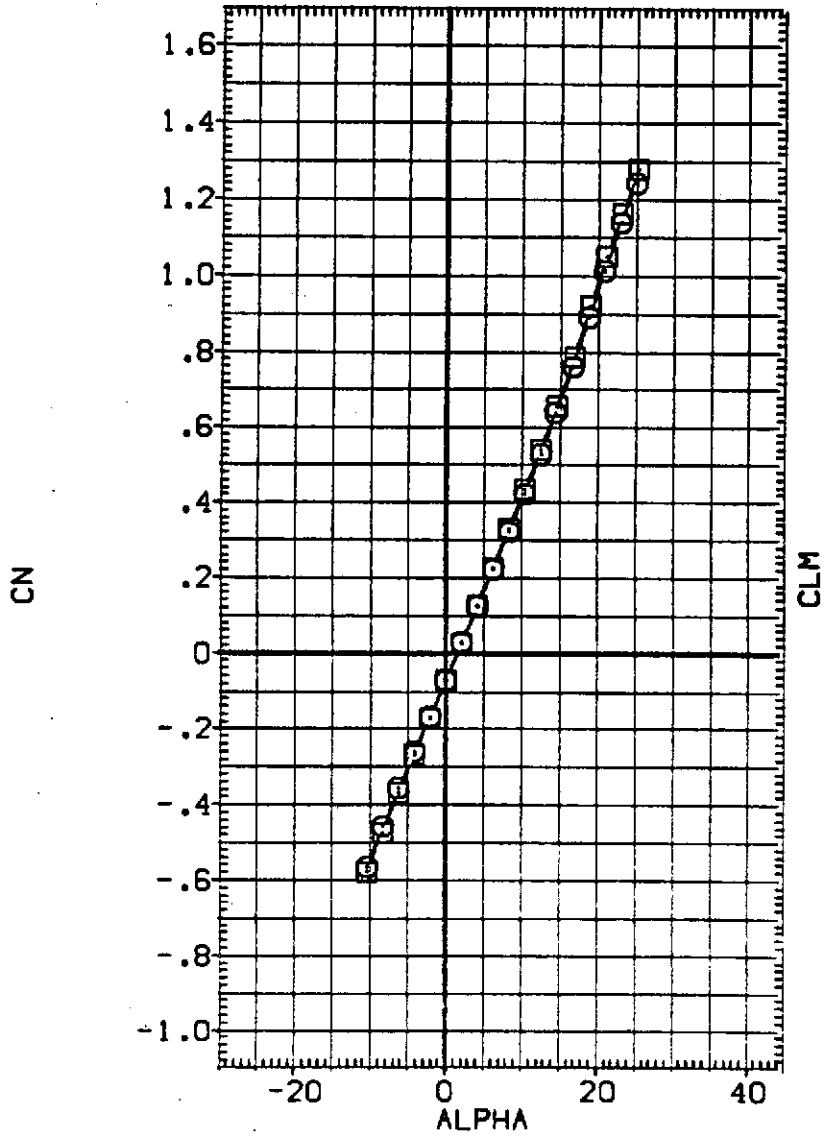
FIG 31 EFFECT OF MACH NO., SIX INCH GAPS, ELEVON = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ZF6019)	○	0A118 B26C9M7F8W116E43V8R5X9
(ZF6018)	□	0A118 B26C9M7F8W116E43V8R5X9

MACH	ELEVON	BDFLAP	SPOBRK
.200	.000	-12.000	25.000
.260	.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



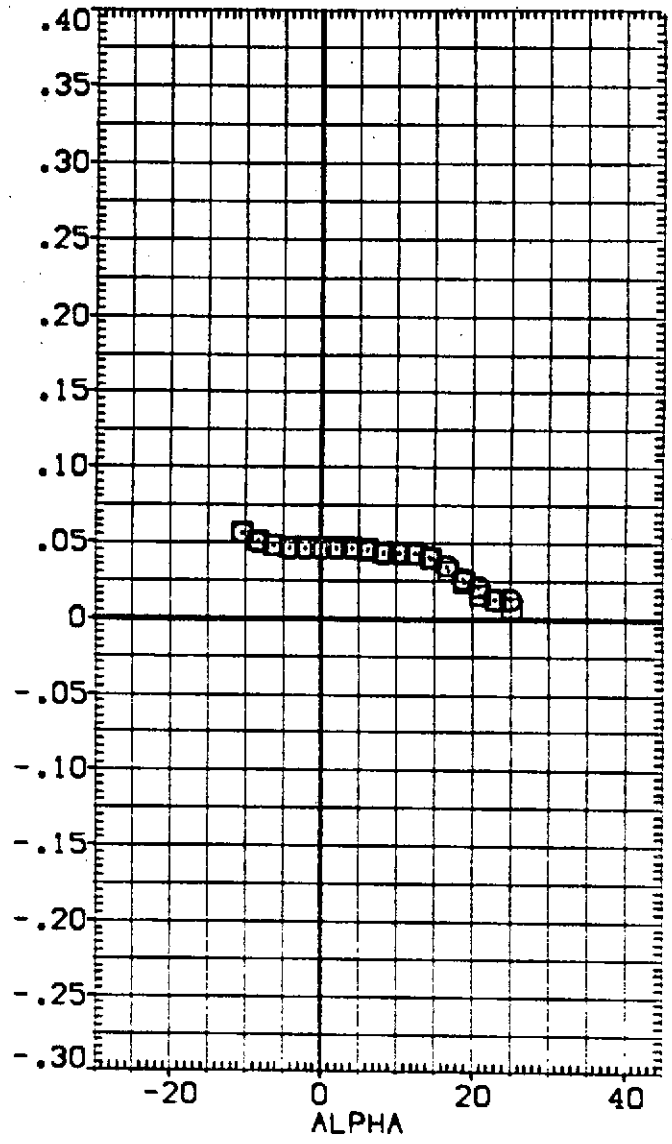


FIG 31 EFFECT OF MACH NO., SIX INCH GAPS, ELEVON = 0

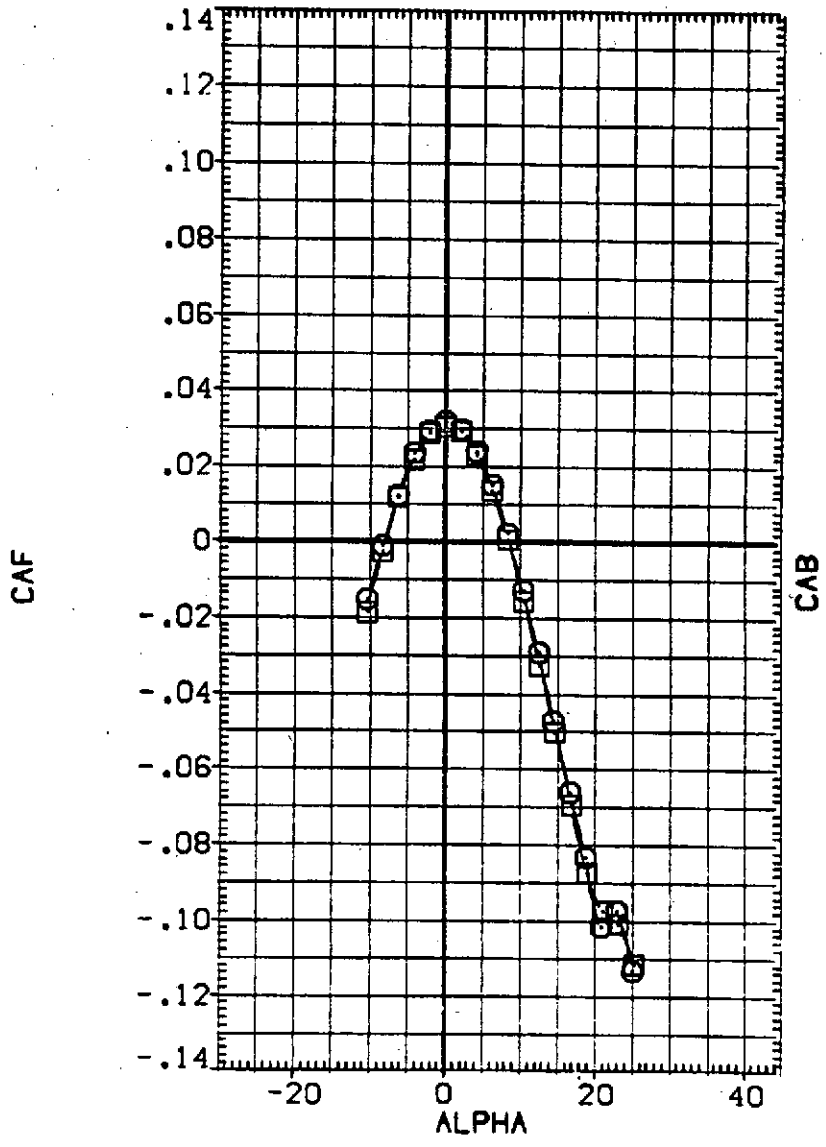
(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ZF6019)	○	0A118 B26C9M7F8V116E43V8R5X9
(ZF6018)	□	0A118 B26C9M7F8V116E43V8R5X9

MACH	ELEVON	BDFLAP	SPDBRK
.200	.000	-12.000	25.000
.260	.000	-12.000	25.000

REFERENCE INFORMATION

SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



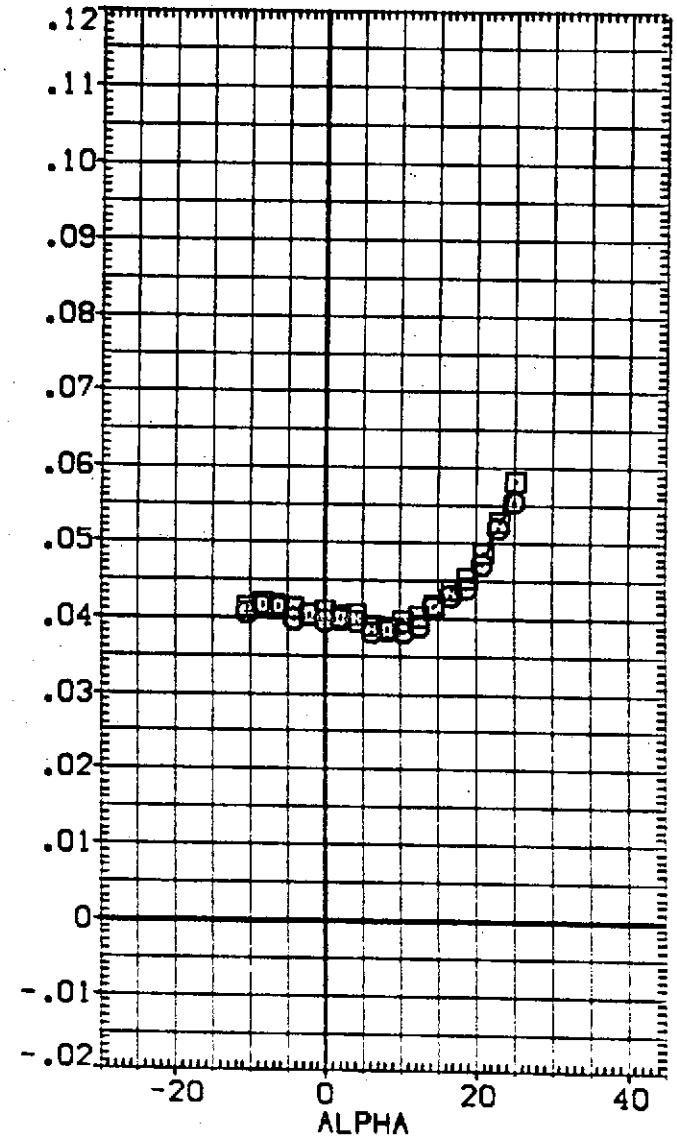


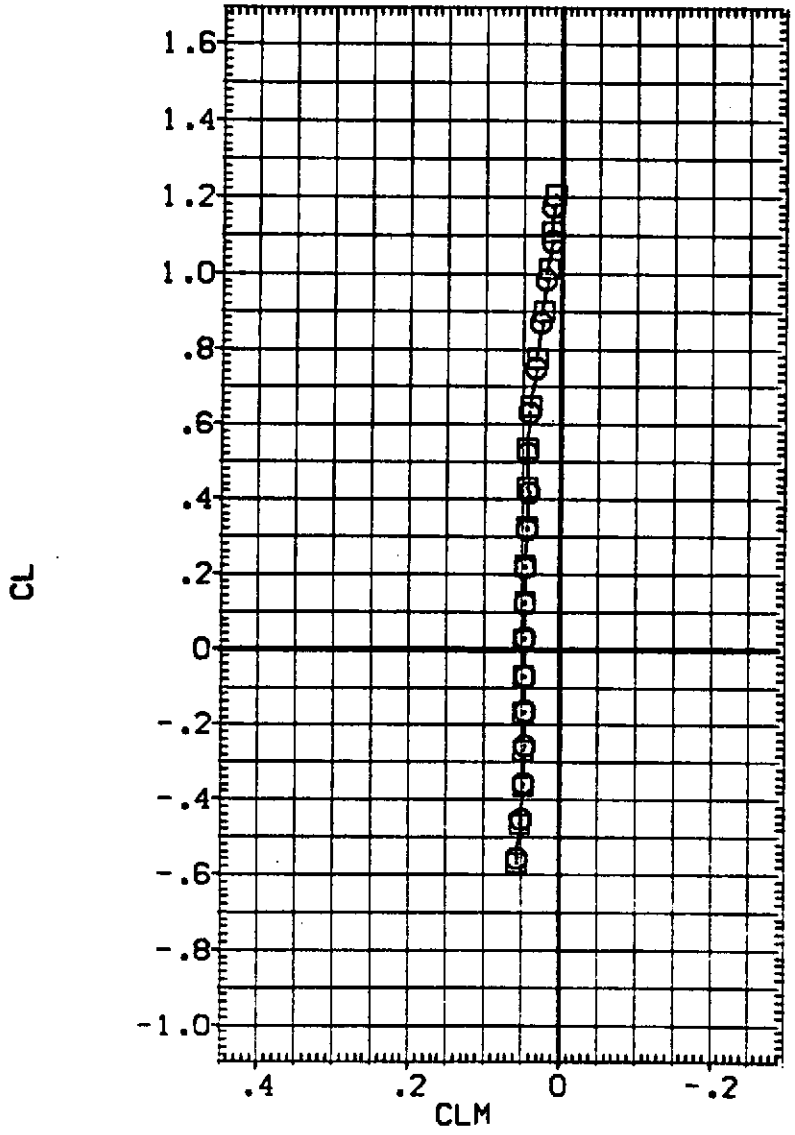
FIG 31 EFFECT OF MACH NO., SIX INCH GAPS, ELEVON = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ZF6019)	○	0A118 B26C9M7F8V116E43V8R5X9
(ZF6018)	□	0A118 B26C9M7F8V116E43V8R5X9

MACH	ELEVON	BDFLAP	SPDBRK
.200	.000	-12.000	25.000
.260	.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



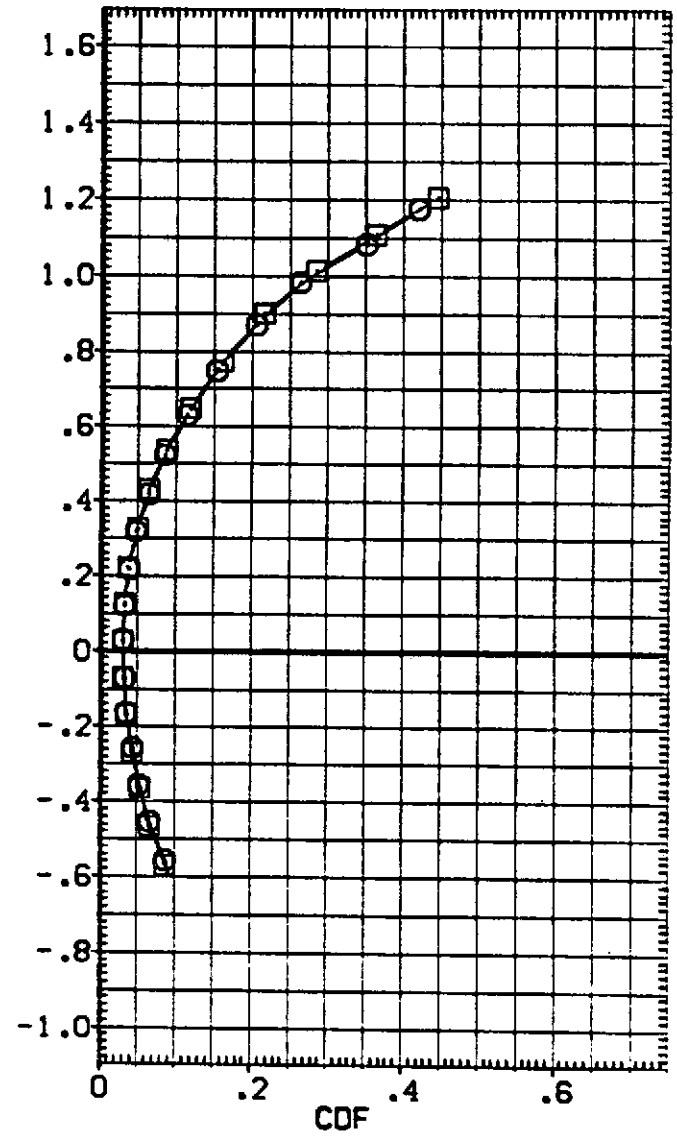


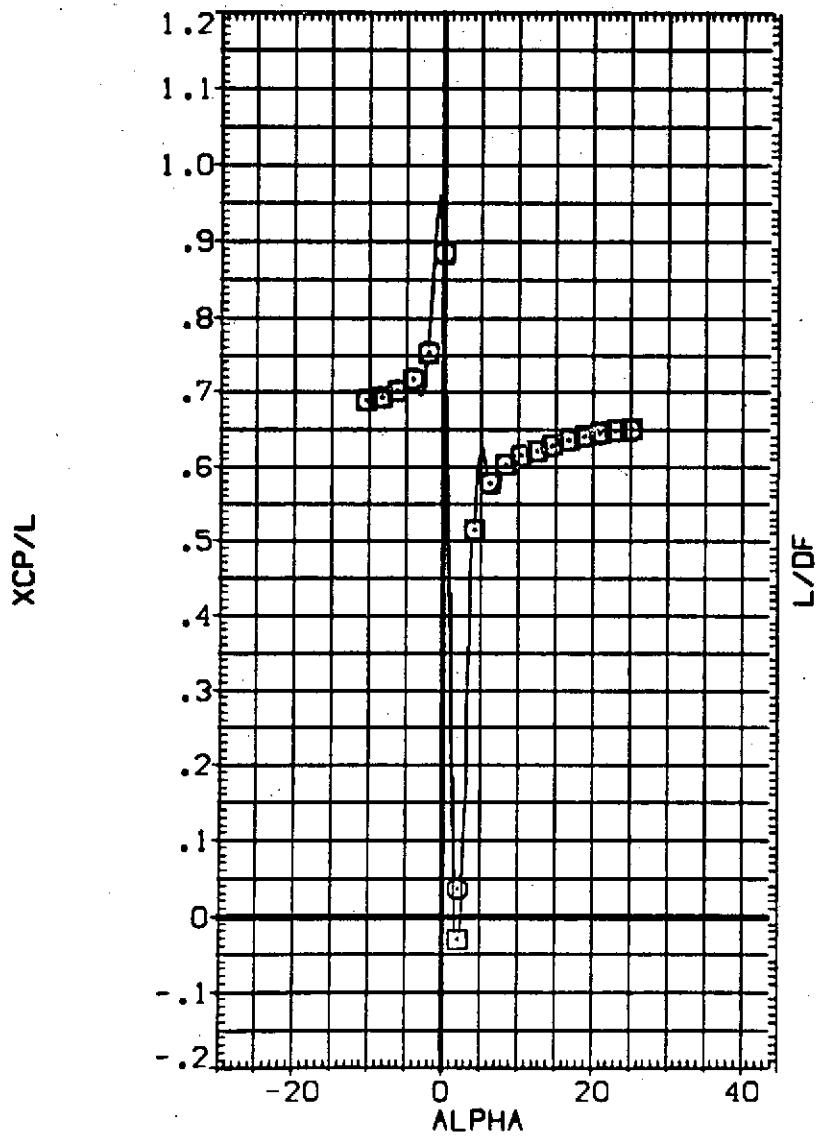
FIG 31 EFFECT OF MACH NO., SIX INCH GAPS, ELEVON = 0

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ZF6019)	○	0A118 B26C9M7F8V116E43V8R5X9
(ZF6018)	□	0A118 B26C9M7F8V116E43V8R5X9

MACH	ELEVON	BDFLAP	SPDBRK
.200	.000	-12.000	25.000
.260	.000	-12.000	25.000

REFERENCE INFORMATION		
SREF	4.4119	SQ.FT.
LREF	19.2299	INCHES
BREF	37.9359	INCHES
XMRP	43.5974	INCHES
YMRP	.0000	INCHES
ZMRP	15.1875	INCHES
SCALE	.0405	SCALE



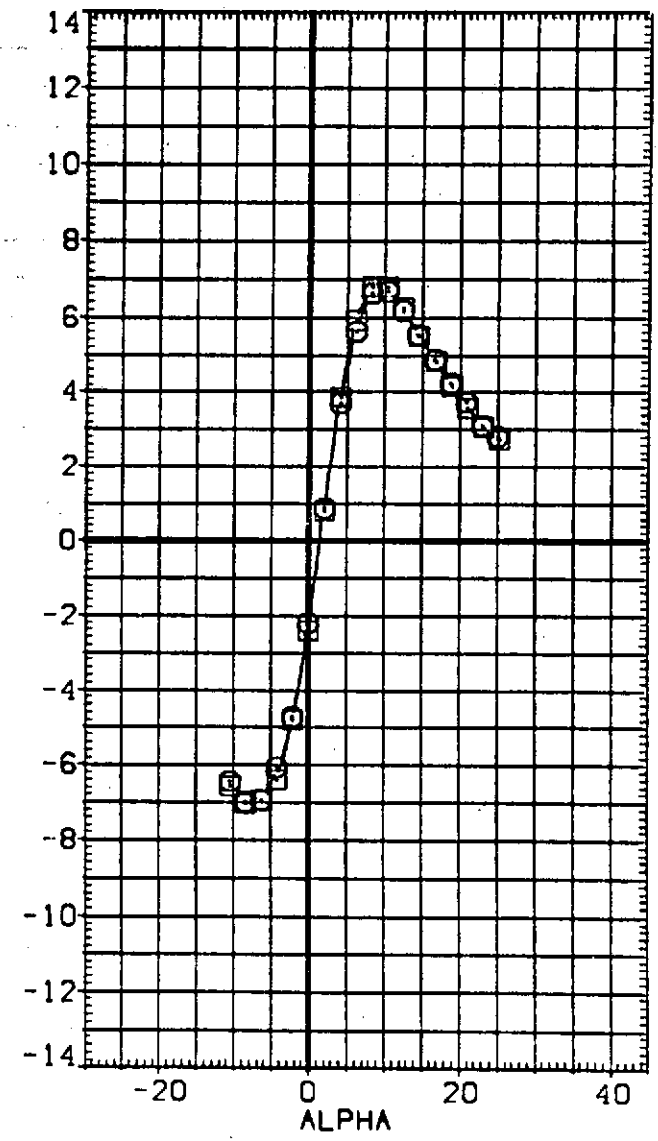


FIG 31 EFFECT OF MACH NO., SIX INCH GAPS, ELEVON = 0

(A)MACH = .20

APPENDIX

TABULATED SOURCE DATA

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

OA118 B26C9H7F8W116E28V8R3X9 (RF6001) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = .000
ELE-LO = .000 ELE-RI = .000
ELE-RO = .000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 1/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.470	-.36310	.08670	.05860	-.36940	-.01705	-.00080	.00270	.00400	.68600	.03992
.260	-8.380	-.45920	.06570	.05160	-.46390	-.00164	-.00120	.00230	.00500	.69300	.04053
.260	-6.290	-.55840	.05140	.04810	-.56190	.01186	-.00150	.00190	.00500	.70100	.04060
.260	-4.170	-.26040	.04170	.04690	-.26270	.02267	-.00170	.00170	.00600	.71700	.04006
.260	-2.130	-.16340	.03470	.04710	-.16460	.02866	-.00180	.00170	.00600	.75700	.03983
.260	-.030	-.06800	.03040	.04720	-.06800	.03035	-.00170	.00170	.00500	.90700	.03970
.260	2.050	.03000	.02990	.04720	.03100	.02883	-.00150	.00190	.00400	.09200	.03904
.260	4.160	.12880	.03220	.04720	.13080	.02260	-.00160	.00190	.00400	.51900	.03853
.260	6.220	.22870	.03770	.04640	.23140	.01271	-.00170	.00170	.00500	.57800	.03820
.260	8.300	.32990	.04790	.04490	.33340	-.00022	-.00170	.00160	.00500	.60200	.03765
.260	10.400	.43020	.06240	.04370	.43440	-.01622	-.00180	.00140	.00600	.61500	.03832
.260	12.510	.53410	.08430	.04220	.53970	-.03343	-.00180	.00120	.00600	.62300	.03918
.260	14.590	.65060	.11790	.03660	.65930	-.04988	-.00080	.00070	.00300	.63100	.04031
.260	16.730	.77490	.16210	.02980	.78880	-.06780	-.00090	.00060	.00300	.63800	.04198
.260	18.800	.89560	.21380	.02210	.91670	-.08631	-.00090	.00190	.00300	.64300	.04462
.260	20.910	1.00650	.28240	.01610	1.04100	-.09535	.00330	.00470	-.00600	.64600	.04703
.260	23.010	1.10090	.36010	.01240	1.15410	-.09893	.00220	.00350	-.00500	.64800	.05183
.260	25.120	1.20260	.43640	.00860	1.27410	-.11549	.00310	.00290	-.01000	.64900	.05755
	GRADIENT	.04663	-.00114	.00003	.04715	.00002	.00002	.00003	-.00029	-.05089	-.00018

OA118 B26C9W7F8W118E26V8R5X9 (RF0002) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	.000	ELE-RI =	.000
ELE-RO =	.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 2/ 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	-10.490	-.38140	.08810	.06250	-.38770	-.01929	-.00070	.00260	.00400	.69100	.04020
.260	-8.390	-.47560	.06670	.05700	-.48020	-.00344	-.00100	.00240	.00500	.69500	.04062
.260	-6.300	-.37500	.05190	.05320	-.37840	.01041	-.00130	.00210	.00600	.70300	.04045
.260	-4.210	-.27920	.04170	.05220	-.28150	.02110	-.00160	.00180	.00600	.72000	.03963
.260	-2.120	-.18000	.03430	.05190	-.18110	.02763	-.00160	.00170	.00600	.75700	.03974
.260	-.050	-.08530	.02990	.05270	-.08530	.02986	-.00160	.00170	.00600	.87900	.03926
.260	2.030	.01270	.02830	.05290	.01370	.02787	-.00150	.00200	.00500	-.76600	.03927
.260	4.100	.11130	.03090	.05280	.11320	.02294	-.00140	.00190	.00400	.48000	.03804
.260	6.200	.21270	.03520	.05200	.21520	.01206	-.00150	.00190	.00500	.56300	.03833
.260	8.290	.31330	.04540	.05120	.31660	-.00026	-.00160	.00190	.00500	.59200	.03729
.260	10.380	.41690	.06050	.05090	.42100	-.01566	-.00160	.00200	.00500	.60700	.03798
.260	12.470	.52260	.08270	.04870	.52820	-.03209	-.00150	.00180	.00500	.61800	.03874
.260	14.560	.63760	.11470	.04270	.64610	-.04956	-.00110	.00120	.00300	.62700	.04015
.260	16.660	.76160	.15790	.03490	.77480	-.06745	-.00080	.00130	.00200	.63500	.04206
.260	18.810	.88620	.21080	.02730	.90690	-.08624	-.00090	.00220	.00300	.64100	.04448
.260	20.910	1.00380	.28190	.01860	1.03830	-.09496	.00340	.00470	-.00700	.64500	.04662
.260	23.000	1.10290	.35990	.01150	1.15590	-.09982	.00230	.00340	-.00500	.64800	.05209
.260	25.110	1.20550	.43710	.00670	1.27710	-.11599	.00290	.00260	-.00800	.65000	.05709
	GRADIENT	.04688	-.00133	.00011	.04739	.00019	.00002	.00002	-.00024	-.09651	-.00018

OA118 B26C9W7F8W116E26V8R5X9 (RF0003) (1F MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9559 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 5.000
ELE-LO = 5.000 ELE-RI = 5.000
ELE-RO = 5.000 SPOBRK = 85.000
BOFLAP = -12.000 RUDDER = .000

RUN NO. 3/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CM	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.440	-.46040	.07330	.01630	-.48570	-.01491	-.00090	.00300	.00300	.66400	.04270
.260	-8.340	-.37890	.05560	.01200	-.38290	.00004	-.00120	.00290	.00400	.66300	.04372
.260	-6.250	-.27590	.04440	.00930	-.27910	.01411	-.00140	.00270	.00400	.66400	.04343
.260	-4.160	-.17790	.03690	.00930	-.18010	.02396	-.00160	.00260	.00400	.67100	.04262
.260	-2.060	-.08090	.03230	.00930	-.08200	.02938	-.00160	.00280	.00400	.69400	.04289
.260	.010	.01550	.03130	.00950	.01550	.03132	-.00150	.00280	.00300	.42600	.04175
.260	2.080	.11210	.03270	.00880	.11330	.02868	-.00150	.00290	.00300	.62300	.04141
.260	4.160	.21120	.03760	.00860	.21340	.02223	-.00160	.00270	.00400	.63700	.04100
.260	6.260	.31050	.04580	.00770	.31370	.01168	-.00180	.00250	.00400	.64300	.04037
.260	8.340	.41400	.05900	.00610	.41820	-.00171	-.00190	.00250	.00500	.64600	.04021
.260	10.430	.51500	.07700	.00440	.52040	-.01756	-.00200	.00260	.00600	.64900	.04093
.260	12.540	.62330	.10340	.00100	.63090	-.03435	-.00180	.00230	.00400	.65100	.04155
.260	14.650	.73950	.13960	-.00470	.75080	-.05180	-.00110	.00190	.00300	.65400	.04281
.260	16.750	.86440	.18710	-.01340	.88160	-.07002	-.00070	.00170	.00200	.65700	.04482
.260	18.850	.98580	.24300	-.02060	1.01140	-.08853	-.00050	.00280	.00200	.65900	.04735
.260	20.960	1.09800	.31810	-.02710	1.13910	-.09586	.00460	.00660	-.01100	.66000	.05044
.260	23.080	1.19140	.40160	-.03310	1.25350	-.09763	.00250	.00270	-.00500	.66100	.05579
.260	25.180	1.29120	.48240	-.03820	1.37370	-.11274	.00320	.00380	-.00900	.66200	.06122
	GRADIENT	.04674	.00009	-.00009	.04727	-.00020	.00000	.00001	-.00005	-.00670	-.00023

OA118 B26C9H7F8W116E26V8R3X9 (RF0004) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0409 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 5.000
ELE-LO = 5.000 ELE-RI = 5.000
ELE-RO = 5.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

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

MACH	ALPHA	CL	CDF	CLH	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.450	-.47540	.07230	.01180	-.48060	-.01491	-.00100	.00300	.00400	.66100	.04366
.260	-8.340	-.36960	.05580	.00720	-.37380	.00161	-.00120	.00280	.00400	.65900	.04332
.260	-6.240	-.26700	.04420	.00490	-.27030	.01489	-.00140	.00260	.00500	.65800	.04337
.260	-4.160	-.17040	.03720	.00450	-.17260	.02483	-.00150	.00240	.00500	.66100	.04265
.260	-2.070	-.07280	.03290	.00450	-.07400	.03030	-.00150	.00250	.00400	.67400	.04217
.260	.000	.02230	.03140	.00410	.02230	.03144	-.00150	.00260	.00400	.58300	.04219
.260	2.090	.12100	.03360	.00360	.12210	.02916	-.00150	.00270	.00500	.64100	.04156
.260	4.200	.22030	.03830	.00360	.22250	.02209	-.00160	.00250	.00400	.64600	.04144
.260	6.260	.31780	.04680	.00250	.32100	.01187	-.00170	.00220	.00500	.64900	.04084
.260	8.370	.42090	.06000	.00090	.42520	-.00185	-.00190	.00230	.00600	.65100	.04034
.260	10.450	.52140	.07840	.00050	.52700	-.01745	-.00190	.00220	.00600	.65100	.04085
.260	12.530	.62510	.10420	-.00160	.63280	-.03392	-.00170	.00190	.00600	.65300	.04152
.260	14.660	.74240	.14100	-.00740	.75390	-.05158	-.00130	.00110	.00400	.65500	.04251
.260	16.740	.86610	.18750	-.01580	.88350	-.06990	-.00090	.00080	.00300	.65800	.04464
.260	18.890	.98880	.24480	-.02220	1.01460	-.08847	-.00060	.00230	.00200	.66000	.04704
.260	20.970	1.09400	.31710	-.02690	1.13500	-.09542	.00440	.00640	-.01000	.66000	.05027
.260	23.050	1.18320	.39800	-.03040	1.24460	-.09715	.00240	.00260	-.00400	.66100	.05548
.260	25.160	1.28490	.48000	-.03710	1.36710	-.11232	.00280	.00340	-.00700	.66200	.06139
	GRADIENT	.04671	.00014	-.00013	.04724	-.00032	-.00001	.00002	-.00005	-.00299	-.00015

OA118 B26C9HTF8W116E26V8R5X9 (RF6005) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -10.000
ELE-LO = -10.000 ELE-RI = -10.000
ELE-RO = -10.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 5/ 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	-10.600	-.79280	.13460	.16080	-.80390	-.01322	.00050	.00400	.00500	.72500	.03288
.260	-8.520	-.68260	.10390	.15120	-.69050	.00154	-.00050	.00270	.00500	.73200	.03353
.260	-6.430	-.58100	.08220	.14590	-.58660	.01657	-.00070	.00250	.00500	.74300	.03380
.260	-4.330	-.48110	.06500	.14300	-.48470	.02843	-.00100	.00200	.00500	.76000	.03348
.260	-2.260	-.38270	.05110	.14140	-.38440	.03600	-.00120	.00160	.00600	.78700	.03376
.260	-.150	-.28490	.04050	.14070	-.28510	.03980	-.00130	.00150	.00600	.83300	.03369
.260	1.910	-.18780	.03250	.14090	-.18660	.03886	-.00130	.00160	.00600	.92900	.03374
.260	4.000	-.08970	.02890	.14090	-.08750	.03519	-.00130	.00170	.00600	1.24400	.03290
.260	6.060	.00580	.02710	.14140	.00860	.02637	-.00130	.00170	.00500	-5.36400	.03293
.260	8.170	.10740	.03080	.14180	.11070	.01522	-.00120	.00180	.00600	.18000	.03205
.260	10.260	.20650	.03880	.14340	.21010	.00143	-.00120	.00190	.00500	.40000	.03268
.260	12.360	.30960	.05340	.14290	.31380	-.01411	-.00120	.00160	.00400	.48400	.03382
.260	14.460	.42630	.07800	.13970	.43230	-.03093	-.00070	.00160	.00300	.53300	.03545
.260	16.590	.55060	.11360	.13440	.56020	-.04836	-.00070	.00210	.00300	.56300	.03716
.260	18.680	.67100	.15740	.12850	.68610	-.06584	-.00100	.00220	.00500	.58300	.03925
.260	20.770	.78530	.21110	.12230	.80910	-.08120	.00040	.00280	.00100	.59600	.04166
.260	22.880	.88980	.28500	.11510	.93060	-.08343	.00170	.00260	-.00200	.60600	.04400
.260	25.000	.99030	.34890	.11280	1.04500	-.10241	.00260	.00220	-.00700	.61200	.04938
	GRADIENT	.04694	-.00436	-.00023	.04763	.00079	-.00003	-.00003	.00010	.05328	-.00006

OA118 B26C9N7F8W116E26V8R5X9 (RF6006) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -10.000
ELE-LO = -10.000 ELE-RI = -10.000
ELE-RO = -10.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 6/ 0 RN/L = 1.85 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.610	-.81050	.13810	.16890	-.82210	-.01349	.00020	.00330	.00400	.72700	.03250
.260	-8.500	-.69690	.10510	.15740	-.70470	.00081	-.00070	.00230	.00500	.73400	.03352
.260	-6.410	-.59310	.08300	.15270	-.59870	.01630	-.00080	.00220	.00600	.74600	.03348
.260	-4.310	-.49490	.06520	.14970	-.49840	.02784	-.00100	.00180	.00600	.76200	.03358
.260	-2.240	-.39840	.05160	.14800	-.40010	.03596	-.00130	.00140	.00600	.78800	.03322
.260	-.140	-.29930	.04040	.14770	-.29940	.03970	-.00140	.00130	.00600	.83300	.03297
.260	1.910	-.20460	.03280	.14780	-.20340	.03969	-.00150	.00100	.00700	.91900	.03278
.260	3.980	-.10760	.02800	.14800	-.10540	.03545	-.00150	.00130	.00600	1.16900	.03233
.260	6.080	-.01130	.02640	.14890	-.00850	.02745	-.00140	.00130	.00500	7.08600	.03164
.260	8.160	.08680	.02810	.15030	.08990	.01548	-.00140	.00140	.00600	.03600	.03217
.260	10.270	.18670	.03670	.15130	.19030	.00282	-.00150	.00140	.00500	.35900	.03152
.260	12.360	.29320	.05080	.15160	.29730	-.01312	-.00160	.00120	.00500	.46400	.03313
.260	14.460	.40720	.07470	.14850	.41300	-.02935	-.00100	.00130	.00400	.51900	.03460
.260	16.570	.52890	.10850	.14270	.53790	-.04687	-.00090	.00200	.00300	.55400	.03670
.260	18.690	.65210	.15260	.13730	.66660	-.06436	-.00120	.00170	.00300	.57600	.03864
.260	20.790	.76660	.20650	.13110	.79000	-.07914	.00030	.00240	.00000	.59100	.04085
.260	22.890	.87540	.26080	.12210	.91570	-.08183	.00160	.00220	-.00100	.60300	.04263
.260	25.000	.98030	.34590	.11760	1.03460	-.10087	.00270	.00200	-.00700	.61000	.04828
	GRADIENT	.04672	-.00450	-.00017	.04741	.00092	-.00006	-.00007	.00005	.04555	-.00014

OA110 B26C9H7F8W116E26V8R3X9 (RF6807) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	15.000	ELE-RI =	15.000
ELE-RO =	15.000	SPOBRK =	25.000
BOFLAP =	-12.000	RUDDER =	.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	-10.320	-.25990	.05480	-.08390	-.26550	.00738	-.00100	.00370	.00200	.53500	.04824
.260	-8.210	-.15770	.04460	-.08690	-.16240	.02167	-.00120	.00340	.00300	.45500	.04693
.260	-6.120	-.05910	.03950	-.08760	-.06300	.03302	-.00130	.00340	.00300	.13900	.04935
.260	-4.040	.03470	.03890	-.08870	.03190	.04133	-.00110	.00340	.00300	1.67400	.04835
.260	-1.980	.13130	.04100	-.08920	.12980	.04561	-.00130	.00330	.00300	.90500	.04849
.260	.090	.22560	.04650	-.09040	.22570	.04617	-.00130	.00310	.00400	.79900	.04798
.260	2.200	.32490	.05480	-.09140	.32680	.04228	-.00150	.00310	.00400	.75500	.04744
.260	4.270	.41660	.06580	-.09050	.42030	.03458	-.00170	.00300	.00500	.73100	.04654
.260	6.390	.51670	.08130	-.09230	.52250	.02332	-.00170	.00310	.00500	.71700	.04565
.260	8.460	.61490	.10150	-.09460	.62310	.00992	-.00180	.00290	.00600	.70800	.04479
.260	10.550	.72730	.12840	-.09950	.73850	-.00695	-.00180	.00340	.00500	.70100	.04566
.260	12.650	.84010	.16330	-.10560	.85550	-.02459	-.00160	.00280	.00400	.69700	.04629
.260	14.780	.95620	.20880	-.11190	.97790	-.04208	-.00140	.00230	.00400	.69400	.04798
.260	16.880	1.07690	.26390	-.11870	1.10720	-.06031	-.00130	.00250	.00400	.69100	.04987
.260	18.950	1.19510	.32890	-.12620	1.23710	-.07709	-.00090	.00440	.00100	.68900	.05214
.260	21.050	1.28220	.41180	-.12730	1.34460	-.07637	.00700	.01160	-.02000	.68700	.05770
.260	23.150	1.36840	.49860	-.13100	1.45440	-.07946	.00150	.00080	.00000	.68500	.06349
.260	25.260	1.45050	.58640	-.13150	1.56290	-.08681	.00110	.00310	-.00300	.68300	.06828
	GRADIENT	.04605	.00325	-.00028	.04682	-.00081	-.00007	-.00005	.00024	-.09768	-.00024

OA118 B26C9M7F8W116E28V6R5X9 (RF6008) (17 MAY 74)

REFERENCE DATA

SREF = 1.4419 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1675 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 15.000
ELE-LO = 15.000 ELE-RI = 15.000
ELE-RO = 15.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 8/ 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	-10.310	-.26450	.05490	-.08190	-.27010	.00668	-.00090	.00390	.00200	.54000	.04852
.260	-8.220	-.16200	.04450	-.08520	-.16670	.02089	-.00120	.00360	.00200	.46300	.04945
.260	-6.110	-.06240	.03980	-.08680	-.06620	.03297	-.00120	.00370	.00300	.17000	.04884
.260	-4.050	.03250	.03890	-.08780	.02970	.04112	-.00110	.00380	.00300	1.73800	.04868
.260	-1.950	.13070	.04130	-.08840	.12920	.04583	-.00100	.00400	.00300	.90400	.04796
.260	.100	.22340	.04580	-.08940	.22340	.04544	-.00090	.00400	.00300	.79900	.04829
.260	2.180	.31790	.05380	-.08970	.31970	.04174	-.00110	.00390	.00200	.75500	.04718
.260	4.260	.40930	.06440	-.08840	.41290	.03388	-.00100	.00380	.00200	.73000	.04637
.260	6.340	.50630	.07960	-.08930	.51200	.02324	-.00130	.00360	.00400	.71600	.04516
.260	8.450	.60760	.09970	-.09120	.61570	.00930	-.00130	.00340	.00400	.70600	.04478
.260	10.520	.71540	.12620	-.09410	.72650	-.00651	-.00130	.00380	.00400	.69900	.04440
.260	12.630	.82470	.15960	-.09840	.83970	-.02460	-.00110	.00290	.00400	.69500	.04605
.260	14.730	.93770	.20390	-.10340	.95880	-.04157	-.00080	.00270	.00200	.69100	.04686
.260	16.650	1.03740	.25720	-.11040	1.08660	-.06041	-.00050	.00220	.00100	.68900	.04914
.260	18.950	1.17760	.32260	-.11800	1.21870	-.07741	-.00080	.00540	.00100	.68700	.05138
.260	21.040	1.26660	.40520	-.12070	1.32760	-.07655	.00760	.01290	-.02200	.68500	.05670
.260	23.150	1.35950	.49410	-.12520	1.44430	-.08010	.00160	.00150	-.00100	.68400	.06242
.260	25.260	1.44040	.58340	-.12580	1.55160	-.08716	.00160	.00460	-.00500	.68100	.06703
	GRADIENT	.04534	.00306	-.00012	.04612	-.00089	.00000	-.00000	-.00014	-.10447	-.00026

OA116 B26C9N7F8W116E20V6R5X9 (RF6010) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -5.000
ELE-LO = -5.000 ELE-RI = -5.000
ELE-RO = -5.000 SPOBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

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

MACH	ALPHA	CL	CDF	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.540	-.68490	.10960	.11110	-.69340	-.01751	.00030	.00510	.00200	.71100	.03654
.260	-8.430	-.57800	.06260	.10350	-.58390	-.00509	-.00050	.00450	.00300	.71700	.03732
.260	-6.360	-.47900	.06500	.09920	-.48320	.01156	-.00070	.00400	.00500	.72700	.03731
.260	-4.250	-.37720	.05170	.09700	-.38000	.02364	-.00080	.00360	.00400	.74600	.03649
.260	-2.170	-.27900	.04060	.09600	-.28040	.03002	-.00090	.00330	.00400	.77800	.03719
.260	-.110	-.18300	.03390	.09560	-.18300	.03358	-.00110	.00330	.00500	.84400	.03632
.260	1.990	-.08360	.02890	.09610	-.08250	.03181	-.00090	.00350	.00400	1.08000	.03677
.260	4.080	.01440	.02750	.09630	.01630	.02645	-.00090	.00360	.00300	-1.51100	.03666
.260	6.160	.11300	.03060	.09630	.11570	.01828	-.00080	.00360	.00300	.34500	.03485
.260	8.250	.21530	.03730	.09540	.21840	.00604	-.00080	.00380	.00200	.49100	.03435
.260	10.340	.31760	.04760	.09560	.32100	-.01015	-.00080	.00410	.00300	.54200	.03640
.260	12.440	.42620	.06850	.09460	.43100	-.02493	-.00060	.00380	.00200	.57100	.03592
.260	14.540	.53800	.09510	.09080	.54470	-.04302	-.00020	.00320	.00000	.59000	.03849
.260	16.640	.65880	.13360	.08380	.66950	-.06061	-.00010	.00360	.00000	.60600	.03995
.260	18.750	.78100	.18280	.07480	.79840	-.07793	-.00030	.00440	.00000	.61700	.04102
.260	20.860	.90190	.24540	.06740	.93010	-.09213	.00210	.00550	-.00500	.62500	.04414
.260	22.960	1.00120	.32230	.06180	1.04760	-.09365	.00250	.00470	-.00500	.63000	.04724
.260	25.060	1.09960	.39250	.05930	1.16230	-.11034	.00330	.00410	-.01100	.63300	.05205
	GRADIENT	.04700	-.00288	-.00006	.04757	.00035	-.00001	.00001	-.00010	-.20276	-.00000

OA118 B26C9H7F8W110E26V8R5X9 (RF6011) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-5.000
ELE-LO =	-5.000	ELE-RI =	-5.000
ELE-RO =	-5.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.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	-10.540	-.70410	.11210	.12000	-.71270	-.01865	.00010	.00470	.00200	.71400	.03566
.260	-8.440	-.59260	.08510	.11150	-.59870	-.00286	-.00060	.00410	.00400	.72000	.03575
.260	-6.360	-.49300	.06620	.10710	-.49730	.01115	-.00080	.00360	.00400	.73100	.03663
.260	-4.260	-.39480	.05110	.10440	-.39750	.02168	-.00110	.00320	.00300	.74800	.03717
.260	-2.170	-.29340	.04140	.10310	-.29470	.03027	-.00120	.00280	.00400	.78000	.03599
.260	-.120	-.19850	.03290	.10320	-.19850	.03253	-.00120	.00280	.00400	.84300	.03651
.260	1.980	-.10080	.02870	.10390	-.09980	.03220	-.00120	.00290	.00500	1.03500	.03550
.260	4.070	-.00200	.02690	.10410	-.00010	.02707	-.00110	.00310	.00400	32.76700	.03523
.260	6.160	.09710	.02870	.10420	.09970	.01809	-.00090	.00320	.00300	.26700	.03474
.260	8.230	.19460	.03420	.10460	.19750	.00606	-.00100	.00320	.00200	.45600	.03435
.260	10.330	.29730	.04560	.10440	.30070	-.00820	-.00120	.00320	.00300	.52400	.03422
.260	12.430	.40480	.06420	.10370	.40920	-.02448	-.00090	.00320	.00200	.55600	.03558
.260	14.500	.52090	.09200	.10040	.52730	-.04138	-.00050	.00260	.00200	.58200	.03720
.260	16.620	.64090	.12970	.09310	.65120	-.05900	-.00040	.00320	.00000	.59900	.03872
.260	18.740	.76490	.17820	.08570	.76160	-.07701	-.00060	.00390	.00000	.61100	.04059
.260	20.860	.88500	.23970	.07710	.91240	-.09119	.00110	.00430	-.00300	.62100	.04215
.260	22.950	.98830	.31810	.06770	1.03420	-.09248	.00230	.00410	-.00500	.62800	.04614
.260	25.070	1.09350	.38950	.06390	1.15550	-.11054	.00310	.00370	-.01000	.63100	.05177
	GRADIENT	.04701	-.00293	.00001	.04756	.00061	.00000	-.00000	.00014	3.09535	-.00021

OA118 B26C9H7F8W116E28V8R5X9 (RF6012) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 10.000
ELE-LO = 10.000 ELE-RI = 10.000
ELE-RO = 10.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 12/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.320	-.38440	.06000	-.03660	-.36930	-.00627	-.00070	.00340	.00200	.61500	.04614
.260	-8.220	-.25990	.04670	-.04010	-.26390	.00905	-.00110	.00300	.00300	.59600	.04648
.260	-6.140	-.16020	.03900	-.04230	-.16350	.02168	-.00130	.00290	.00300	.55600	.04670
.260	-4.050	-.06600	.03510	-.04270	-.06830	.03041	-.00140	.00300	.00300	.42100	.04607
.260	-1.970	.03170	.03390	-.04310	.03060	.03506	-.00130	.00310	.00300	1.17000	.04600
.260	.090	.12810	.03630	-.04320	.12810	.03612	-.00130	.00330	.00300	.77600	.04539
.260	2.170	.22360	.04160	-.04360	.22500	.03317	-.00140	.00320	.00300	.72300	.04501
.260	4.260	.32180	.04970	-.04400	.32460	.02569	-.00140	.00320	.00300	.70200	.04430
.260	6.360	.41970	.06190	-.04560	.42400	.01498	-.00140	.00310	.00400	.69100	.04333
.260	8.460	.51910	.07770	-.04730	.52490	.00051	-.00160	.00310	.00400	.68500	.04330
.260	10.530	.61900	.10000	-.04710	.62690	-.01478	-.00140	.00310	.00300	.67900	.04297
.260	12.610	.72450	.12930	-.04970	.73530	-.03199	-.00110	.00270	.00300	.67700	.04400
.260	14.730	.84110	.16960	-.05450	.85660	-.04984	-.00090	.00230	.00300	.67500	.04548
.260	16.830	.96510	.22130	-.06350	.98760	-.06758	-.00060	.00170	.00300	.67500	.04689
.260	18.960	1.08570	.28250	-.07100	1.11860	-.08560	-.00080	.00530	.00100	.67500	.04866
.260	21.060	1.18360	.36360	-.07560	1.23520	-.08612	.00720	.01150	-.02000	.67400	.05350
.260	23.140	1.27510	.44600	-.07890	1.34780	-.09103	.00240	.00300	-.00400	.67300	.05875
.260	25.260	1.36890	.53620	-.08460	1.46690	-.09932	.00150	.00480	-.00700	.67300	.06382
	GRADIENT	.04660	.00178	-.00015	.04722	-.00055	-.00000	.00002	-.00000	.00557	-.00022

OA118 B26C9H7F8W116E26V8R5X9 (RF8013) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5874 INCHES
LREF = 18.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9559 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 10.000
ELE-LO = 10.000 ELE-RI = 10.000
ELE-RO = 10.000 SPOBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

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

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYM	CBL	CY	XCP/L	CAB
.260	-10.350	-.37350	.06200	-.03400	-.37860	-.00607	-.00080	.00340	.00200	.61900	.04485
.260	-8.250	-.27020	.04780	-.03670	-.27420	.00853	-.00110	.00330	.00300	.60200	.04598
.260	-6.180	-.16960	.03880	-.03690	-.17300	.02031	-.00130	.00320	.00300	.56900	.04690
.260	-4.090	-.07320	.03480	-.03910	-.07550	.02955	-.00120	.00330	.00300	.46100	.04617
.260	-1.990	.02290	.03360	-.03970	.02170	.03464	-.00120	.00330	.00300	1.32500	.04571
.260	.080	.11930	.03550	-.04010	.11930	.03536	-.00120	.00330	.00300	.77500	.04562
.260	2.150	.21540	.04090	-.04110	.21680	.03284	-.00120	.00340	.00200	.72200	.04438
.260	4.240	.31180	.04670	-.04190	.31460	.02557	-.00110	.00340	.00300	.70100	.04392
.260	6.330	.41160	.06040	-.04340	.41580	.01464	-.00120	.00340	.00300	.69000	.04325
.260	8.410	.51260	.07630	-.04550	.51620	.00053	-.00130	.00330	.00400	.68400	.04295
.260	10.500	.61570	.09880	-.04780	.62340	-.01498	-.00130	.00330	.00400	.68000	.04269
.260	12.600	.72600	.12930	-.05200	.73680	-.03218	-.00100	.00280	.00400	.67800	.04382
.260	14.710	.84640	.17040	-.05680	.86190	-.05018	-.00070	.00260	.00300	.67700	.04557
.260	16.800	.97000	.22160	-.06800	.99270	-.06836	-.00040	.00230	.00200	.67700	.04749
.260	18.940	1.09150	.28340	-.07640	1.12440	-.08626	-.00060	.00560	.00100	.67700	.04982
.260	21.040	1.19300	.36570	-.08210	1.24470	-.08713	.00750	.01130	-.02000	.67600	.05461
.260	23.130	1.28410	.45420	-.08970	1.35930	-.08681	.00050	.00300	.00000	.67600	.06040
.260	25.220	1.37770	.53830	-.09090	1.47570	-.10008	.00130	.00440	-.00500	.67400	.06500
	GRADIENT	.04627	.00168	-.00034	.04689	-.00047	.00001	.00001	-.00005	-.00569	-.00026

OA118 B26C9W7F8W118E28V8R5X9 (RF6D14) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5874 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -15.000
ELE-LO = -15.000 ELE-RI = -15.000
ELE-RO = -15.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 14/ 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	-10.650	-.89350	.16280	.20770	-.90830	-.00519	.00070	.00340	.00100	.73600	.02923
.260	-8.540	-.76810	.12490	.19120	-.77810	.00946	-.00030	.00320	.00500	.74200	.03014
.260	-6.450	-.66610	.09850	.18460	-.67290	.02303	-.00040	.00370	.00500	.75300	.03203
.260	-4.370	-.57120	.07900	.18160	-.57560	.03524	-.00060	.00330	.00500	.76800	.03198
.260	-2.270	-.47100	.06360	.17970	-.47320	.04498	-.00080	.00280	.00400	.79100	.03072
.260	-.210	-.37520	.05000	.17920	-.37540	.04866	-.00100	.00280	.00500	.82700	.03119
.260	1.890	-.27870	.04010	.17910	-.27720	.04932	-.00110	.00260	.00500	.88900	.03059
.260	3.930	-.18270	.03320	.17940	-.18000	.04570	-.00110	.00260	.00500	1.01800	.03035
.260	6.030	-.08640	.02900	.18030	-.08280	.03801	-.00100	.00280	.00400	1.45200	.03013
.260	8.140	.01310	.02940	.18180	.01710	.02727	-.00100	.00300	.00500	-3.25200	.02973
.260	10.220	.10890	.03450	.18440	.11330	.01466	-.00100	.00300	.00500	.05300	.03043
.260	12.300	.21000	.04560	.18510	.21490	-.00017	-.00100	.00300	.00300	.33500	.03156
.260	14.410	.32430	.06660	.18260	.33070	-.01621	-.00060	.00240	.00200	.44800	.03318
.260	16.500	.44360	.09690	.17770	.45280	-.03315	-.00060	.00300	.00200	.50700	.03472
.260	18.640	.56490	.13710	.17380	.57910	-.05064	-.00060	.00390	.00100	.54100	.03729
.260	20.740	.68040	.18950	.16800	.70340	-.06371	.00070	.00410	.00000	.56400	.03799
.260	22.840	.78920	.25720	.16080	.82720	-.06938	.00160	.00360	-.00300	.58000	.04067
.260	24.950	.88950	.31660	.15920	.94000	-.08821	.00270	.00340	-.01000	.58900	.04565
	GRADIENT	.04669	-.00555	-.00024	.04755	.00122	-.00006	-.00008	.00005	.02877	-.00016

OA118 B26C9M7F8W118E28V8R5X9 (RF6015) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-15.000
ELE-LO =	-15.000	ELE-RI =	-15.000
ELE-RO =	-15.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.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	-10.660	-.90620	.16570	.21360	-.92120	-.00481	.00060	.00370	.00300	.73700	.02875
.260	-8.570	-.77820	.12580	.19600	-.78830	.00843	-.00030	.00330	.00500	.74300	.03135
.260	-6.480	-.67730	.10070	.18990	-.68440	.02365	-.00050	.00350	.00600	.75400	.03129
.260	-4.390	-.58060	.08070	.18680	-.58530	.03605	-.00070	.00320	.00500	.76900	.03093
.260	-2.310	-.48400	.06390	.18540	-.48620	.04431	-.00100	.00270	.00600	.79200	.03122
.260	-.210	-.38650	.05100	.18500	-.38670	.04960	-.00100	.00260	.00600	.82600	.03032
.260	1.660	-.29030	.04000	.18620	-.28880	.04951	-.00120	.00250	.00600	.88900	.03059
.260	3.940	-.19460	.03320	.18550	-.19190	.04654	-.00100	.00250	.00500	1.00800	.02966
.260	6.010	-.09960	.02850	.18660	-.09600	.03886	-.00110	.00260	.00500	1.36700	.02958
.260	8.120	-.00440	.02810	.18810	-.00030	.02852	-.00110	.00250	.00500	32.76700	.02919
.260	10.180	.08980	.03190	.19120	.09410	.01553	-.00110	.00270	.00500	-.09500	.03029
.260	12.290	.19580	.04390	.19290	.20070	.00120	-.00130	.00280	.00400	.29800	.03106
.260	14.380	.30710	.06370	.18960	.31330	-.01457	-.00080	.00210	.00300	.42900	.03238
.260	16.500	.42970	.09390	.18500	.43870	-.03205	-.00070	.00270	.00300	.49600	.03461
.260	18.610	.54780	.13350	.18230	.56170	-.04831	-.00070	.00380	.00300	.53200	.03616
.260	20.720	.66560	.18490	.17680	.68800	-.06256	.00060	.00410	.00100	.55700	.03824
.260	22.820	.77490	.25310	.16860	.81240	-.06736	.00150	.00320	-.00100	.57500	.03962
.260	24.930	.88020	.31360	.16650	.93030	-.08702	.00280	.00350	-.00900	.58600	.04531
	GRADIENT	.04638	-.00571	-.00009	.04725	.00126	-.00004	-.00008	.00000	.02759	-.00015

OA110 B26C9N7F6W110E26V0R5X9 (RF6010) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	20.000
ELE-LO =	20.000	ELE-RI =	20.000
ELE-RO =	20.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

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

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYM	CBL	CY	XCP/L	CAB
.260	-10.190	-.13570	.05400	-.14050	-.14320	.02918	-.00130	.00050	.00600	.29100	.05022
.260	-8.120	-.03900	.04790	-.14310	-.04540	.04197	-.00140	.00020	.00700	-.50600	.05170
.260	-6.030	.05400	.04760	-.14380	.04870	.05311	-.00110	.00030	.00700	1.73700	.05130
.260	-3.960	.14560	.04910	-.14410	.14190	.05909	-.00110	.00030	.00800	1.02500	.05169
.260	-1.870	.23810	.05460	-.14400	.23620	.06243	-.00090	.00040	.00700	.87600	.05094
.260	.200	.33030	.06350	-.14310	.33050	.06239	-.00090	.00040	.00700	.81100	.05007
.260	2.280	.42170	.07440	-.14160	.42430	.05754	-.00090	.00050	.00700	.77400	.04932
.260	4.350	.51040	.08880	-.13990	.51570	.04987	-.00060	.00020	.00600	.75200	.04835
.260	6.460	.61480	.10930	-.14430	.62320	.03941	-.00090	.00020	.00800	.73700	.04744
.260	8.520	.71740	.13320	-.14820	.72920	.02538	-.00120	.00040	.00900	.72600	.04779
.260	10.670	.85980	.17180	-.16750	.87670	.00963	-.00160	-.00070	.01000	.72200	.04875
.260	12.750	.96910	.21140	-.17270	.99190	-.00774	-.00160	-.00110	.01000	.71600	.04896
.260	14.860	1.08150	.26020	-.17790	1.11200	-.02595	-.00140	-.00220	.01000	.71100	.05042
.260	16.960	1.20260	.32020	-.18630	1.24380	-.04464	-.00200	.00000	.01100	.70700	.05265
.260	19.080	1.30310	.39560	-.18710	1.36080	-.05215	.00450	.00570	-.00700	.70200	.05649
.260	21.150	1.36790	.47740	-.18220	1.44800	-.04845	.00200	.00240	.00100	.69800	.06231
.260	23.260	1.46610	.56850	-.19000	1.57150	-.03669	.00000	-.00090	.00500	.69600	.06771
.260	25.330	1.51670	.64670	-.17830	1.64760	-.06457	.00210	.00310	-.00500	.69100	.07197
	GRADIENT	.04397	.00478	.00052	.04505	-.00112	.00005	-.00000	-.00019	-.03122	-.00040

OA118 B26C9H7F8W118E28V8R5X9 (RF6017) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0403 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	20.000
ELE-LO =	20.000	ELE-RI =	20.000
ELE-RO =	20.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.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	-10.240	-.15350	.05480	-.13200	-.16080	.02664	-.00150	.00010	.00700	.35000	.05034
.260	-8.130	-.05260	.04820	-.13500	-.05890	.04029	-.00180	-.00020	.00800	-.19000	.05145
.260	-6.060	.04120	.04770	-.13620	.03590	.05181	-.00170	-.00020	.00900	2.04400	.05062
.260	-3.980	.13550	.04930	-.13750	.13180	.05864	-.00180	-.00010	.01000	1.03600	.05102
.260	-1.920	.22560	.05470	-.13780	.22370	.06232	-.00160	.00000	.00900	.87600	.05024
.260	.160	.32000	.06210	-.13760	.32010	.06119	-.00150	.00000	.01100	.61000	.05045
.260	2.240	.41220	.07280	-.13650	.41470	.05659	-.00120	-.00030	.00900	.77300	.04974
.260	4.320	.50200	.08720	-.13470	.50710	.04912	-.00090	-.00060	.00900	.74900	.04856
.260	6.420	.60120	.10630	-.13730	.60930	.03839	-.00120	.00000	.01000	.73500	.04770
.260	8.530	.70780	.13110	-.14210	.71940	.02459	-.00150	.00020	.01000	.72400	.04734
.260	10.610	.83750	.16500	-.15600	.85360	.00790	-.00160	-.00050	.01000	.71900	.04904
.260	12.700	.94510	.20400	-.16000	.96690	-.00886	-.00150	-.00110	.01100	.71300	.04856
.260	14.820	1.05400	.25140	-.16340	1.08330	-.02660	-.00130	-.00210	.01000	.70700	.04964
.260	16.930	1.16950	.30900	-.17020	1.20880	-.04487	-.00170	.00000	.01000	.70300	.05137
.260	19.030	1.27590	.38020	-.17160	1.33020	-.05662	.00200	.00320	.00000	.69900	.05386
.260	21.100	1.34110	.46480	-.16650	1.41850	-.04936	.00250	.00250	.00000	.69500	.06063
.260	23.230	1.44620	.55830	-.17760	1.54920	-.05733	.00040	-.00080	.00400	.69400	.06637
.260	25.310	1.50440	.63860	-.16940	1.63300	-.06603	.00250	.00360	-.00600	.69000	.07085
	GRADIENT	.04430	.00452	.00033	.04536	-.00119	.00011	-.00006	-.00010	-.03268	-.00026

OA118 B26C9N7F8W116E43V6R5X9 (AF6018) (04 JUN 74)

REFERENCE DATA

SREF =	4.4118 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	.000	ELE-RI =	.000
ELE-RO =	.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	.000

RUN NO. 18/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.550	-.57150	.08720	.05650	-.57780	-.01886	-.00070	.00430	.00500	.68800	.04128
.260	-8.450	-.46770	.06690	.05110	-.47240	-.00296	-.00100	.00370	.00500	.69200	.04177
.260	-6.340	-.36580	.05250	.04820	-.36930	.01173	-.00150	.00310	.00500	.70000	.04115
.260	-4.240	-.26850	.04180	.04690	-.27080	.02192	-.00140	.00280	.00500	.71600	.04123
.260	-2.140	-.17030	.03540	.04690	-.17150	.02908	-.00140	.00270	.00500	.75200	.04033
.260	-.050	-.07430	.03060	.04690	-.07440	.03058	-.00140	.00290	.00400	.68400	.04077
.260	2.060	.02400	.03000	.04680	.02510	.02913	-.00140	.00290	.00400	-.03200	.04023
.260	4.130	.12240	.03170	.04640	.12440	.02284	-.00150	.00310	.00200	.51400	.04034
.260	6.240	.22160	.03760	.04560	.22440	.01328	-.00140	.00300	.00300	.57700	.03694
.260	8.330	.32640	.04620	.04370	.32990	.00043	-.00150	.00290	.00300	.60500	.03861
.260	10.460	.42970	.06330	.04320	.43400	-.01583	-.00160	.00300	.00200	.61500	.03945
.260	12.550	.53430	.08570	.04300	.54010	-.03249	-.00160	.00290	.00100	.62200	.04016
.260	14.660	.64600	.11780	.03920	.65670	-.05023	-.00100	.00250	.00000	.63000	.04161
.260	16.800	.77280	.16090	.03090	.78630	-.06945	-.00050	.00200	-.00100	.63700	.04382
.260	18.940	.89700	.21560	.02370	.91840	-.08732	-.00050	.00370	-.00200	.64200	.04528
.260	21.050	1.01350	.28570	.01550	1.04850	-.09753	.00380	.00570	-.01200	.64600	.04853
.260	23.170	1.10720	.36430	.01200	1.16120	-.10065	.00270	.00410	-.01000	.64800	.05282
.260	25.290	1.20540	.44580	.00730	1.28030	-.11195	.00080	.00350	-.00800	.65000	.05825
	GRADIENT	.04661	-.00122	-.00005	.04713	.00009	.00001	.00004	-.00033	-.05693	-.00009

OA118 B26C9M7F8W116E43V8R5X9 (RFG819) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = .000
ELE-LO = .000 ELE-RI = .000
ELE-RO = .000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 19/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.390	-.59830	.08650	.05660	-.56480	-.01566	-.00020	.00420	.00400	.68900	.04063
.200	-8.330	-.45490	.06520	.05050	-.45960	-.00133	-.00070	.00420	.00500	.69200	.04139
.200	-6.240	-.35540	.05120	.04760	-.35880	.01223	-.00120	.00320	.00500	.70000	.04158
.200	-4.170	-.25860	.04250	.04600	-.26100	.02356	-.00140	.00280	.00600	.71700	.03967
.200	-2.080	-.16650	.03530	.04610	-.16770	.02921	-.00140	.00270	.00500	.75300	.04043
.200	-.020	-.07110	.03180	.04530	-.07110	.03176	-.00150	.00260	.00500	.88600	.03946
.200	2.050	.02630	.03060	.04590	.02740	.02965	-.00150	.00270	.00400	.03600	.03975
.200	4.100	.12030	.03270	.04530	.12240	.02402	-.00140	.00290	.00400	.51500	.03959
.200	6.170	.21660	.03850	.04480	.21950	.01498	-.00160	.00280	.00400	.57700	.03815
.200	8.240	.31660	.04800	.04290	.32020	.00215	-.00170	.00260	.00400	.60200	.03833
.200	10.330	.41780	.06280	.04220	.42230	-.01315	-.00170	.00290	.00400	.61500	.03817
.200	12.420	.52020	.08450	.04290	.52620	-.02936	-.00160	.00280	.00200	.62200	.03889
.200	14.490	.63050	.11390	.04090	.63890	-.04747	-.00110	.00250	.00000	.62800	.04132
.200	16.600	.74820	.15440	.03400	.76180	-.06599	-.00070	.00150	.00000	.63500	.04281
.200	18.700	.86830	.20600	.02620	.88860	-.08335	-.00070	.00320	.00000	.64100	.04400
.200	20.790	.98350	.26450	.02050	1.01340	-.10189	-.00060	.00470	-.00100	.64400	.04712
.200	22.870	1.08390	.35140	.01220	1.13530	-.09759	.00260	.00620	-.00800	.64800	.05179
.200	24.950	1.17410	.42120	.01210	1.24220	-.11351	.00330	.00400	-.01200	.64800	.05535
	GRADIENT	.04599	-.00118	-.00008	.04653	.00007	-.00000	.00001	-.00024	-.05427	-.00004

OA118 B28C9N7F8W116E43V6R5X9 (RF6B26) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9339 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	5.000
ELE-LO =	5.000	ELE-RI =	5.000
ELE-RO =	5.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 20/ 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	-10.480	-.48490	.07410	.01720	-.49030	-.01528	.00000	.00630	.00100	.66500	.04582
.260	-8.360	-.37950	.05620	.01310	-.38370	.00037	-.00030	.00580	.00200	.66400	.04462
.260	-6.290	-.28250	.04450	.01080	-.28570	.01335	-.00060	.00540	.00200	.66600	.04508
.260	-4.160	-.18420	.03760	.00980	-.18650	.02420	-.00060	.00530	.00100	.67100	.04390
.260	-2.090	-.09050	.03300	.00960	-.09170	.02968	-.00070	.00530	.00100	.69100	.04387
.260	.030	.01020	.03110	.00980	.01020	.03117	-.00060	.00560	.00100	.29900	.04358
.260	2.120	.10520	.03280	.00950	.10640	.02891	-.00070	.00560	.00000	.61900	.04298
.260	4.250	.20610	.03840	.00900	.20840	.02299	-.00080	.00540	.00000	.63600	.04162
.260	6.320	.30500	.04620	.00800	.30830	.01235	-.00080	.00540	-.00100	.64200	.04122
.260	8.410	.40880	.05930	.00660	.41310	-.00110	-.00080	.00550	-.00100	.64600	.04050
.260	10.540	.50960	.07670	.00680	.51500	-.01780	-.00080	.00550	-.00200	.64700	.04123
.260	12.630	.61370	.10220	.00670	.62120	-.03451	-.00050	.00570	-.00300	.64800	.04181
.260	14.750	.72910	.13740	.00270	.74010	-.05272	.00010	.00510	-.00600	.65000	.04346
.260	16.890	.85250	.18450	-.00450	.86930	-.07114	.00060	.00450	-.00700	.65400	.04490
.260	18.990	.97320	.24080	-.01150	.99860	-.08907	.00010	.00700	-.00900	.65600	.04655
.260	21.140	1.08900	.31670	-.01870	1.12990	-.09748	.00540	.00990	-.02100	.65800	.04998
.260	23.240	1.18220	.39950	-.02500	1.24390	-.09952	.00310	.00610	-.01500	.65900	.05510
.260	25.370	1.27370	.48450	-.02760	1.35840	-.10813	.00160	.00700	-.01500	.65900	.05978
	GRADIENT	.04643	.00007	-.00009	.04698	-.00015	-.00002	.00002	-.00014	-.00688	-.00026

OA118 B26C9H7F8W116E43V8R5X9 (AF0021) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	10.808
ELE-LO =	10.000	ELE-RI =	10.000
ELE-RO =	10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	10.000

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	-10.430	-.38440	.06200	-.02890	-.36930	-.00866	-.00020	.00480	.00200	.62400	.04713
.260	-8.320	-.28210	.04870	-.03250	-.28620	.00732	-.00070	.00440	.00200	.61000	.04709
.260	-6.190	-.18130	.04010	-.03460	-.18460	.02037	-.00090	.00430	.00300	.58300	.04731
.260	-4.080	-.08480	.03560	-.03540	-.08710	.02949	-.00110	.00430	.00300	.50200	.04715
.260	-2.030	.00980	.03400	-.03560	.00860	.03434	-.00100	.00450	.00200	2.16600	.04701
.260	.060	.10680	.03360	-.03620	.10680	.03554	-.00110	.00470	.00200	.77700	.04629
.260	2.160	.20710	.03970	-.03650	.20840	.03187	-.00120	.00460	.00100	.71600	.04652
.260	4.250	.30110	.04790	-.03630	.30380	.02545	-.00110	.00440	.00100	.69600	.04508
.260	6.400	.40270	.05980	-.03730	.40690	.01453	-.00130	.00440	.00100	.68500	.04375
.260	8.460	.50370	.07530	-.03880	.50930	.00044	-.00120	.00440	.00000	.68000	.04349
.260	10.560	.60740	.09790	-.03960	.61500	-.01513	-.00130	.00450	.00000	.67500	.04329
.260	12.680	.71350	.12710	-.04160	.72400	-.03271	-.00110	.00480	-.00100	.67300	.04438
.260	14.800	.82940	.16660	-.04580	.84450	-.05078	-.00080	.00450	-.00200	.67200	.04607
.260	16.950	.95390	.21830	-.05380	.97620	-.06927	-.00010	.00370	-.00500	.67200	.04700
.260	19.060	1.07510	.27900	-.06020	1.10730	-.08730	-.00050	.00660	-.00700	.67200	.04894
.260	21.200	1.17730	.36200	-.06620	1.22850	-.08834	.00770	.01250	-.02700	.67200	.05303
.260	23.310	1.27270	.44580	-.07000	1.34520	-.09428	.00250	.00510	-.01300	.67100	.05867
.260	25.420	1.35970	.53330	-.07350	1.45700	-.10205	.00160	.00720	-.01500	.67000	.06380
	GRADIENT	.04644	.00145	-.00013	.04704	-.00051	-.00001	.00001	-.00024	-.05163	-.00022

OA118 BZ6C9H7F8W116E43V8B5X9 (AF60B2) (04 JUN 74)

REFERENCE DATA

SREF =	4.4118 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	19.000
ELE-LO =	15.000	ELE-RI =	15.000
ELE-RO =	15.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	15.000	AIL-OB =	.000

RUN NO. 22/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.360	-.27600	.05640	-.07800	-.28170	.00582	-.00030	.00410	.00200	.35000	.04904
.260	-8.250	-.17270	.04600	-.08200	-.17760	.02078	-.00070	.00380	.00300	.48200	.04981
.260	-6.150	-.07580	.04090	-.08470	-.07780	.03283	-.00100	.00360	.00400	.25100	.05004
.260	-4.050	.02310	.04010	-.08580	.02020	.04167	-.00090	.00350	.00300	2.20900	.04959
.260	-1.950	.11760	.04210	-.08670	.11610	.04612	-.00080	.00360	.00300	.92700	.04891
.260	.120	.21460	.04670	-.08720	.21470	.04629	-.00100	.00380	.00300	.80100	.04889
.260	2.230	.31260	.05480	-.08740	.31450	.04256	-.00110	.00360	.00300	.75400	.04792
.260	4.330	.40670	.06510	-.08640	.41050	.03427	-.00120	.00350	.00300	.72900	.04749
.260	6.440	.50570	.08120	-.08810	.51160	.02395	-.00130	.00340	.00300	.71500	.04560
.260	8.540	.61170	.10100	-.09140	.62000	.00903	-.00150	.00320	.00300	.70600	.04607
.260	10.670	.72090	.12890	-.09450	.73230	-.00687	-.00150	.00380	.00200	.69900	.04587
.260	12.760	.82630	.16200	-.09640	.84170	-.02451	-.00130	.00360	.00000	.69400	.04669
.260	14.910	.94290	.20680	-.10100	.96440	-.04282	-.00090	.00350	-.00100	.69000	.04858
.260	17.000	1.06220	.26050	-.10830	1.09200	-.06154	-.00040	.00250	-.00300	.68800	.05013
.260	19.130	1.18270	.32660	-.11450	1.22440	-.07917	-.00060	.00590	-.00400	.68600	.05250
.260	21.260	1.27550	.41250	-.11850	1.33820	-.07803	.00850	.01230	-.02800	.68400	.05746
.260	23.370	1.36950	.50680	-.12590	1.45810	-.07819	.00010	.00270	-.00500	.68300	.06447
.260	25.470	1.44290	.58960	-.12260	1.55630	-.08826	.00190	.00500	-.01200	.68100	.06853
	GRADIENT	.04595	.00300	-.00009	.04675	-.00068	-.00004	-.00000	.00000	-.14954	-.00025

OA118 B26C9H7F8W116E43V8R5X9 (AF6023) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9339 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	20.000
ELE-LO =	20.000	ELE-RI =	20.000
ELE-RO =	20.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	20.000	AIL-OB =	.000

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

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.260	-.16730	.05700	-.12850	-.17480	.02633	-.00100	.00180	.00500	.38100	.05043
.260	-8.150	-.06530	.05010	-.13290	-.07180	.04032	-.00110	.00190	.00500	-.02900	.05224
.260	-6.050	.03320	.04850	-.13550	.02790	.05175	-.00120	.00190	.00500	2.43700	.05238
.260	-3.960	.12750	.05060	-.13620	.12370	.05931	-.00150	.00140	.00700	1.05700	.05193
.260	-1.860	.22360	.05580	-.13770	.22170	.06311	-.00160	.00160	.00700	.68000	.05173
.260	.220	.31980	.06470	-.13760	.32010	.06349	-.00160	.00160	.00700	.81000	.05029
.260	2.310	.41170	.07490	-.13600	.41440	.05825	-.00160	.00130	.00600	.77200	.04985
.260	4.420	.50330	.08960	-.13480	.50870	.05056	-.00180	.00100	.00700	.74900	.04940
.260	6.550	.60570	.10940	-.13820	.61420	.03960	-.00210	.00160	.00700	.73400	.04803
.260	8.620	.72460	.13640	-.14910	.73680	.02621	-.00200	.00080	.00700	.72600	.04819
.260	10.770	.84420	.17060	-.15680	.86120	.00979	-.00190	.00090	.00500	.71900	.04828
.260	12.870	.95290	.20910	-.16000	.97550	-.00653	-.00190	.00090	.00400	.71200	.04946
.260	14.980	1.05770	.25600	-.16190	1.08790	-.02614	-.00190	.00070	.00400	.70600	.05019
.260	17.150	1.16310	.31740	-.17020	1.22410	-.04560	-.00160	.00160	.00200	.70300	.05227
.260	19.220	1.28000	.39100	-.17050	1.33740	-.05220	.00500	.00750	-.01500	.69900	.05568
.260	21.330	1.35860	.47340	-.16850	1.43770	-.05330	.00480	.00610	-.01400	.69500	.06113
.260	23.480	1.45930	.57110	-.17930	1.56600	-.05780	.00060	.00180	-.00400	.69400	.06731
.260	25.540	1.51140	.64900	-.16670	1.64350	-.06619	.00290	.00630	-.01600	.68900	.07202
	GRADIENT	.04490	.00464	.00022	.04600	-.00107	-.00003	-.00005	-.00005	-.03458	-.00035

OA118 B26C9N7F8W116E43V8R5X9 (RF6024) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-5.000
ELE-LO =	-5.000	ELE-RI =	-5.000
ELE-RO =	-5.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

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

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYM	CBL	CY	XCP/L	CAB
.260	-10.630	-.66820	.11070	.10230	-.67720	-.01450	.00140	.00170	.00100	.70700	.03821
.260	-8.520	-.55250	.08340	.09130	-.55880	.00067	.00050	-.00100	.00300	.71200	.03924
.260	-6.400	-.45000	.06630	.08770	-.45460	.01573	.00020	-.00090	.00400	.72300	.03897
.260	-4.300	-.35150	.05370	.08600	-.35450	.02721	.00000	-.00100	.00400	.74100	.03840
.260	-2.160	-.25080	.04360	.08460	-.25230	.03416	-.00030	-.00120	.00400	.77500	.03860
.260	-.100	-.15370	.03730	.08350	-.15380	.03704	-.00060	-.00150	.00500	.85100	.03833
.260	1.970	-.05810	.03410	.08310	-.05690	.03611	-.00070	-.00150	.00500	1.18900	.03757
.260	4.060	.04010	.03340	.08310	.04240	.03050	-.00070	-.00150	.00400	-.06900	.03745
.260	6.180	.13750	.03660	.08340	.14070	.02157	-.00090	-.00120	.00500	.43400	.03643
.260	8.300	.23550	.04250	.08460	.23920	.00810	-.00080	.00010	.00400	.52100	.03635
.260	10.390	.33290	.05360	.08700	.33720	-.00717	-.00090	.00150	.00300	.55700	.03667
.260	12.500	.43330	.07140	.08820	.43850	-.02402	-.00070	.00260	.00100	.57800	.03787
.260	14.620	.54610	.10010	.08630	.55370	-.04099	-.00010	.00290	.00000	.59400	.03906
.260	16.730	.67010	.13900	.07920	.68180	-.05983	.00000	.00340	-.00200	.60900	.04132
.260	18.880	.79220	.18830	.07200	.81050	-.07816	.00010	.00480	-.00200	.61900	.04331
.260	21.000	.91390	.25000	.06370	.94290	-.09407	.00200	.00520	-.00700	.62700	.04626
.260	23.100	1.01290	.32840	.05790	1.06050	-.09547	.00310	.00540	-.01000	.63200	.05023
.260	25.240	1.11030	.39930	.05730	1.17460	-.11246	.00400	.00540	-.01400	.63400	.05528
	GRADIENT	.04661	-.00241	-.00035	.04744	.00041	-.00009	-.00006	.00005	-.03782	-.00014

OA118 B26C9M7F8W116E43V8R5X9 (AF6025) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-10.000
ELE-LO =	-10.000	ELE-RI =	-10.000
ELE-RO =	-10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	-10.000	AIL-OB =	.000

RUN NO. 25/ 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	-10.720	-.79030	.13570	.15570	-.80170	-.01371	-.00040	.00290	.00500	.72500	.03444
.260	-8.610	-.67400	.10290	.14580	-.68180	.00078	-.00130	.00240	.00700	.73000	.03517
.260	-6.470	-.56890	.08130	.13980	-.57440	.01659	-.00130	.00220	.00600	.74100	.03477
.260	-4.390	-.46980	.06390	.13750	-.47330	.02776	-.00140	.00210	.00600	.75800	.03558
.260	-2.290	-.37220	.05080	.13570	-.37400	.03592	-.00140	.00190	.00500	.78500	.03506
.260	-.180	-.27270	.04040	.13470	-.27280	.03959	-.00170	.00180	.00600	.83300	.03512
.260	1.880	-.17490	.03370	.13480	-.17370	.03952	-.00170	.00170	.00500	.93700	.03489
.260	3.980	-.08070	.03000	.13440	-.07850	.03564	-.00180	.00170	.00500	1.26200	.03392
.260	6.090	.01920	.02940	.13430	.02220	.02726	-.00170	.00170	.00400	-1.57200	.03341
.260	8.200	.12170	.03260	.13390	.12510	.01497	-.00170	.00170	.00400	.25800	.03365
.260	10.310	.22370	.04100	.13350	.22750	.00035	-.00180	.00160	.00300	.43600	.03458
.260	12.420	.32580	.05660	.13430	.33030	-.01471	-.00180	.00150	.00300	.50200	.03511
.260	14.520	.43960	.08100	.13100	.44580	-.03177	-.00130	.00170	.00100	.54300	.03728
.260	16.660	.56490	.11670	.12470	.57470	-.05019	-.00120	.00160	.00100	.57200	.03921
.260	18.780	.68470	.16090	.11900	.70010	-.06804	-.00110	.00230	.00100	.58900	.04144
.260	20.910	.80770	.21860	.11160	.83260	-.08416	.00040	.00280	-.00200	.60200	.04435
.260	23.040	.91280	.29450	.10440	.95520	-.08618	.00210	.00370	-.00600	.61100	.04696
.260	25.150	1.00670	.35760	.10520	1.06510	-.10501	.00290	.00350	-.01200	.61500	.05247
	GRADIENT	.04665	-.00406	-.00032	.04734	.00093	-.00005	-.00005	-.00010	.05735	-.00017

OA118 B26C9W7F8W116E43V0R5X9 (RF6027) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -15.000
ELE-LO = -15.000 ELE-RI = -15.000
ELE-RO = -15.000 SPDBRK = 23.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 27/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.760	-.87360	.16180	.19660	-.88870	-.00429	.00060	.00270	.00400	.73300	.03150
.260	-8.620	-.75500	.12410	.18480	-.76510	.00959	-.00030	.00200	.00500	.74100	.03258
.260	-6.530	-.64560	.09960	.17600	-.65270	.02549	-.00040	.00180	.00500	.75100	.03245
.260	-4.430	-.54920	.08020	.17340	-.55380	.03749	-.00050	.00150	.00500	.76700	.03283
.260	-2.300	-.44970	.06470	.17220	-.45200	.04665	-.00080	.00110	.00600	.79200	.03238
.260	-.230	-.35360	.05280	.17180	-.35390	.05136	-.00100	.00120	.00500	.83000	.03228
.260	1.850	-.25670	.04320	.17070	-.25510	.05159	-.00120	.00110	.00600	.89600	.03234
.260	3.940	-.16000	.03780	.17050	-.15700	.04876	-.00110	.00120	.00500	1.05100	.03176
.260	6.030	-.06300	.03450	.17080	-.05900	.04098	-.00120	.00110	.00500	1.71600	.03163
.260	8.140	.03830	.03510	.17070	.04290	.02940	-.00120	.00120	.00500	-.81000	.03191
.260	10.260	.13710	.04100	.17110	.14220	.01594	-.00140	.00150	.00500	.20900	.03265
.260	12.360	.23700	.05320	.17250	.24290	.00122	-.00150	.00160	.00400	.39000	.03383
.260	14.470	.34910	.07510	.17060	.35680	-.01452	-.00090	.00140	.00200	.47600	.03549
.260	16.610	.48540	.11170	.15820	.49710	-.03169	-.00060	-.00140	.00500	.53300	.03761
.260	18.740	.60100	.15270	.15480	.61830	-.04852	-.00040	-.00070	.00400	.55900	.03991
.260	20.870	.71890	.20560	.15060	.74500	-.06403	.00130	.00070	.00100	.57700	.04353
.260	22.970	.82030	.27450	.14400	.86240	-.06742	.00310	.00210	-.00300	.59000	.04614
.260	25.100	.91630	.33390	.14620	.97140	-.08632	.00390	.00310	-.00900	.59600	.05045
	GRADIENT	.04650	-.00509	-.00035	.04742	.00132	-.00008	-.00003	.00000	.03224	-.00010

OA110 B26C9H7F6W116E43V8R5X9 (RF6028) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0409 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-20.000
ELE-LO =	-20.000	ELE-RI =	-20.000
ELE-RO =	-20.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

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

MACH	ALPHA	CL	CDF	CLH	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.760	-.93310	.19090	.22640	-.95240	.01300	.00010	.00030	.00500	.73900	.03001
.260	-8.660	-.80520	.15240	.21120	-.81900	.02935	-.00060	-.00190	.00600	.74700	.03001
.260	-6.530	-.68530	.12240	.19640	-.69470	.04362	-.00070	-.00130	.00600	.75600	.03179
.260	-4.440	-.58770	.10160	.19300	-.59360	.05577	-.00070	-.00230	.00500	.77100	.03277
.260	-2.340	-.49440	.08460	.19210	-.49750	.06438	-.00090	-.00260	.00600	.79400	.03262
.260	-.250	-.40920	.07010	.19520	-.40950	.06830	-.00060	-.00010	.00500	.82700	.03261
.260	1.850	-.31310	.05860	.19430	-.31100	.06875	-.00080	-.00060	.00600	.88200	.03207
.260	3.900	-.21910	.04970	.19360	-.21520	.06456	-.00110	-.00110	.00700	.98300	.03262
.260	6.060	-.11490	.04470	.19160	-.10950	.05667	-.00130	-.00190	.00600	1.29500	.03237
.260	8.180	-.01600	.04350	.19120	-.00960	.04538	-.00150	-.00240	.00800	7.92500	.03265
.260	10.260	.08370	.04680	.19170	.09070	.03121	-.00180	-.00250	.00900	-.12500	.03342
.260	12.360	.18270	.05690	.19340	.19060	.01649	-.00200	-.00240	.01000	.27800	.03470
.260	14.460	.28870	.07580	.19270	.29850	.00126	-.00160	-.00270	.00900	.41400	.03554
.260	16.560	.40350	.10380	.19060	.41640	-.01562	-.00120	-.00180	.00800	.48300	.03724
.260	18.730	.51530	.14110	.18930	.53330	-.03178	-.00080	-.00070	.00700	.52100	.03880
.260	20.840	.62800	.18960	.18620	.65440	-.04622	.00060	.00020	.00300	.54700	.04136
.260	22.940	.73370	.24910	.18290	.77270	-.05661	-.00010	-.00020	.00300	.56500	.04409
.260	25.040	.82440	.30910	.18290	.87770	-.06896	.00260	.00090	-.00600	.57500	.04765
	GRADIENT	.04401	-.00622	.00016	.04522	.00106	-.00003	.00021	.00019	.02450	-.00004

OA118 B26C9W7F8W118E28V8R5X9 (RF6629) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -20.000
ELE-LO = -20.000 ELE-RI = -20.000
ELE-RO = -20.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .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	-10.840	-.98040	.19500	.24550	-.99960	.00702	.00000	.00490	.00500	.74200	.02748
.260	-8.710	-.84070	.15150	.22490	-.85400	.02239	-.00100	.00590	.00700	.74900	.02889
.260	-6.600	-.73250	.12200	.21620	-.74170	.03701	-.00170	.00490	.00700	.75900	.02947
.260	-4.500	-.63400	.10000	.21180	-.63990	.04993	-.00180	.00530	.00700	.77400	.02917
.260	-2.410	-.54030	.08180	.21110	-.54320	.05895	-.00200	.00510	.00600	.79500	.02957
.260	-.320	-.44810	.06720	.21110	-.44850	.06469	-.00210	.00440	.00600	.82500	.02879
.260	1.780	-.35230	.05360	.21240	-.35050	.06454	-.00220	.00310	.00600	.87500	.02932
.260	3.860	-.25790	.04360	.21200	-.25430	.06111	-.00220	.00260	.00600	.95800	.02922
.260	5.990	-.16260	.03690	.21270	-.15790	.05369	-.00210	.00250	.00500	1.14700	.02947
.260	8.090	-.06980	.03430	.21510	-.06430	.04379	-.00200	.00220	.00400	1.88200	.02852
.260	10.160	.02380	.03520	.21870	.02960	.03049	-.00190	.00230	.00300	-2.05900	.03037
.260	12.270	.11770	.04300	.22220	.12410	.01701	-.00190	.00230	.00300	-.00600	.03100
.260	14.400	.22690	.06110	.22160	.23690	.00231	-.00170	.00160	.00200	.30700	.03168
.260	16.490	.34200	.08640	.21750	.35250	-.01428	-.00130	.00160	.00100	.42500	.03425
.260	18.630	.45590	.12180	.21630	.47100	-.03018	-.00110	.00290	.00200	.48300	.03574
.260	20.750	.56970	.16830	.21230	.59240	-.04444	.00020	.00330	.00000	.52000	.03811
.260	22.860	.68140	.22930	.20690	.71690	-.05351	-.00010	.00210	.00000	.54500	.03930
.260	24.990	.77920	.28850	.20520	.82820	-.06767	.00190	.00270	-.00700	.56000	.04254
	GRADIENT	.04498	-.00604	.00012	.04600	.00034	-.00003	-.00031	-.00014	.03280	.00001

OA116 B26C9W7F6W116ER6V8R5X9 (RF8050) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-20.000
ELE-LO =	-20.000	ELE-RI =	-20.000
ELE-RO =	-20.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 30/ 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	-10.830	-1.00300	.20030	.25620	-1.02270	.00813	-.00080	.00510	.00700	.74400	.02726
.260	-8.660	-.84330	.15170	.22670	-.85660	.02264	-.00130	.00490	.00700	.74900	.03026
.260	-6.570	-.72970	.12190	.21640	-.73880	.03764	-.00190	.00370	.00800	.75900	.03128
.260	-4.470	-.63400	.09950	.21220	-.63990	.04977	-.00200	.00350	.00700	.77400	.03190
.260	-2.380	-.53940	.08150	.21190	-.54240	.05898	-.00210	.00320	.00700	.79500	.03195
.260	-.280	-.44910	.06680	.21340	-.44940	.06462	-.00210	.00300	.00600	.82600	.03153
.260	1.800	-.35030	.05480	.21260	-.34840	.06587	-.00240	.00260	.00700	.87600	.03122
.260	3.900	-.25910	.04550	.21370	-.25140	.06284	-.00250	.00260	.00500	.96400	.03121
.260	6.020	-.16330	.03870	.21510	-.15840	.05571	-.00250	.00280	.00500	1.15100	.03018
.260	8.130	-.07230	.03540	.21840	-.06660	.04531	-.00220	.00270	.00400	1.85800	.02997
.260	10.190	.01720	.03650	.22330	.02340	.03290	-.00220	.00280	.00400	-2.85100	.03077
.260	12.300	.11210	.04420	.22760	.11900	.01933	-.00230	.00340	.00400	-.05100	.03144
.260	14.400	.21650	.06080	.22670	.22480	.00502	-.00200	.00250	.00200	.28100	.03199
.260	16.500	.32730	.08590	.22490	.33820	-.01065	-.00170	.00250	.00200	.40700	.03380
.260	18.640	.43440	.11940	.22630	.44980	-.02576	-.00160	.00370	.00200	.46700	.03524
.260	20.750	.54660	.16520	.22360	.56970	-.03917	-.00030	.00400	.00000	.50700	.03726
.260	22.910	.63880	.22570	.21980	.69470	-.04857	-.00060	.00260	.00100	.53500	.03911
.260	25.020	.75590	.28500	.21750	.80550	-.06145	.00140	.00280	-.00500	.55200	.04144
	GRADIENT	.04526	-.00644	.00018	.04641	.00158	-.00006	-.00011	-.00019	.02204	-.00010

OA118 B26C9W7F8W116E26V8R5X9 (RF6031) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-30.000
ELE-LO =	-30.000	ELE-RI =	-30.000
ELE-RO =	-30.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

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

MACH	ALPHA	CL	CDF	CLH	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.640	-.97540	.21920	.24140	-.99930	.03186	-.00060	.00220	.00600	.74100	.03518
.260	-8.710	-.86080	.17800	.23140	-.87790	.04565	-.00140	.00090	.00600	.74900	.03525
.260	-6.800	-.75210	.14830	.22210	-.76420	.06081	-.00190	.00040	.00600	.75900	.03597
.260	-4.500	-.65240	.12450	.21550	-.66020	.07296	-.00190	.00020	.00600	.77200	.03672
.260	-2.420	-.55530	.10590	.21320	-.55930	.08239	-.00220	-.00130	.00600	.79200	.03648
.260	-.520	-.46500	.09000	.21400	-.46550	.08742	-.00230	-.00130	.00600	.82100	.03755
.260	1.800	-.36680	.07670	.21310	-.36420	.08829	-.00240	-.00100	.00600	.86700	.03735
.260	3.850	-.27410	.06640	.21230	-.26900	.08475	-.00250	-.00150	.00600	.94200	.03723
.260	5.940	-.17990	.05960	.21300	-.17280	.07793	-.00250	-.00150	.00700	1.10500	.03676
.260	8.070	-.08530	.05520	.21470	-.07670	.06669	-.00260	-.00170	.00700	1.68200	.03688
.260	10.140	.00310	.05610	.21960	.01290	.05468	-.00290	-.00200	.00900	-5.56400	.03739
.260	12.240	.09530	.06320	.22440	.10660	.04161	-.00300	-.00150	.00900	-.12200	.03777
.260	14.360	.19420	.07840	.22790	.20760	.02787	-.00310	-.00210	.01000	.24800	.03764
.260	16.450	.28940	.10040	.23310	.30600	.01431	-.00300	-.00180	.00900	.37100	.03792
.260	18.560	.38220	.13000	.23900	.40380	.00162	-.00280	-.00010	.00900	.43400	.03767
.260	20.700	.48730	.17320	.23980	.51710	-.01024	-.00190	.00010	.00700	.48100	.03720
.260	22.790	.56710	.22090	.24940	.60840	-.01611	-.00320	-.00360	.01100	.50100	.03809
.260	24.890	.63470	.26770	.26070	.68840	-.02435	-.00070	-.00340	.00300	.51200	.03922
	GRADIENT	.04518	-.00624	-.00022	.04662	.00045	-.00005	-.00012	.00007	.02953	.00003

OA118 B28C9N7F8W118E28V6R5X9 (RF0032) (17 MAY 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = -30.000
ELE-LO = -30.000 ELE-RI = -30.000
ELE-RO = -30.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000

RUN NO. 32/ 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	-10.840	-.98420	.22220	.24580	-1.00850	.03308	-.00040	.00000	.00500	.74100	.03446
.260	-8.740	-.86760	.18140	.23480	-.88510	.04752	-.00140	.00000	.00500	.74900	.03464
.260	-6.620	-.76470	.13240	.22810	-.77720	.06317	-.00250	-.00120	.00700	.76000	.03503
.260	-4.540	-.66070	.12860	.22120	-.66880	.07598	-.00240	-.00030	.00800	.77300	.03494
.260	-2.410	-.55850	.10710	.21380	-.56050	.08351	-.00150	-.00050	.00400	.79200	.03482
.260	-.340	-.46290	.09230	.21380	-.46350	.08952	-.00190	-.00100	.00500	.82100	.03455
.260	1.770	-.37240	.07920	.21520	-.36970	.09082	-.00200	-.00140	.00500	.86600	.03505
.260	3.840	-.27530	.06840	.21350	-.27010	.08674	-.00210	-.00120	.00600	.94300	.03563
.260	5.980	-.17660	.06100	.21330	-.16940	.07916	-.00200	-.00140	.00600	1.11500	.03532
.260	8.060	-.08260	.05640	.21410	-.07410	.06754	-.00200	-.00140	.00600	1.71500	.03577
.260	10.160	.00950	.05710	.21740	.01940	.05454	-.00220	-.00150	.00700	-3.45300	.03655
.260	12.250	.10160	.06390	.22200	.11280	.04088	-.00250	-.00070	.00700	-.07100	.03745
.260	14.370	.20460	.07960	.22340	.21800	.02637	-.00280	-.00260	.00800	.27500	.03681
.260	16.460	.29630	.10080	.22950	.31280	.01269	-.00230	-.00180	.00700	.38200	.03760
.260	18.590	.39520	.13210	.23380	.41670	-.00082	-.00180	.00060	.00600	.44500	.03773
.260	20.690	.49780	.17490	.23680	.52750	-.01226	-.00100	.00000	.00600	.48600	.03804
.260	22.790	.57550	.22280	.24470	.61690	-.01754	-.00210	-.00330	.00700	.50600	.03751
.260	24.900	.65020	.27150	.25410	.70410	-.02754	-.00030	-.00360	.00200	.51900	.03969
	GRADIENT	.04565	-.00636	-.00053	.04713	.00036	.00000	-.00011	-.00006	.03008	.00007

OA118 B26C9M7F9W118E43V0R5X9 (RF6033) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-30.000
ELE-LO =	-30.000	ELE-RI =	-30.000
ELE-RO =	-30.000	SPDBRK =	25.000
BOFLAP =	-12.000	RUDDER =	.000

RUN NO. 53/ 0 RN/L = 1.85 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.840	-.98650	.21830	.23710	-.99030	.03271	-.00060	.00110	.00600	.74000	.03599
.260	-8.710	-.84910	.17910	.22530	-.86650	.04842	-.00130	.00000	.00600	.74700	.03550
.260	-6.600	-.74830	.15020	.21970	-.76070	.06312	-.00200	-.00060	.00700	.75800	.03660
.260	-4.500	-.63540	.12450	.20840	-.64320	.07417	-.00220	-.00270	.00500	.77100	.03574
.260	-2.410	-.54830	.10780	.21020	-.55240	.08458	-.00250	-.00200	.00600	.79200	.03602
.260	-.320	-.45860	.09350	.21190	-.45930	.09097	-.00270	-.00160	.00700	.82100	.03588
.260	1.760	-.36280	.08070	.21030	-.36010	.09191	-.00280	-.00160	.00700	.86700	.03589
.260	3.860	-.26550	.07030	.20850	-.26010	.08811	-.00290	-.00140	.00800	.94700	.03644
.260	5.980	-.16970	.06330	.20860	-.16220	.08066	-.00300	-.00160	.00800	1.12500	.03626
.260	8.060	-.07300	.05920	.20870	-.06400	.06888	-.00310	-.00220	.00700	1.85200	.03675
.260	10.150	.02320	.06030	.21120	.03350	.05530	-.00330	-.00260	.00900	-1.66400	.03778
.260	12.280	.11940	.06730	.21360	.13100	.04057	-.00350	-.00260	.01000	.05200	.03856
.260	14.400	.21980	.08260	.21610	.23340	.02536	-.00350	-.00290	.01000	.31100	.03914
.260	16.500	.32210	.10660	.21810	.33920	.01072	-.00290	-.00110	.00800	.41500	.03952
.260	18.590	.42270	.13880	.22150	.44490	-.00320	-.00210	.00110	.00700	.46800	.04077
.260	20.710	.51310	.17850	.22840	.54310	-.01452	-.00070	-.00040	.00500	.49700	.04340
.260	22.820	.59050	.22840	.23730	.63290	-.01848	-.00030	-.00010	.00300	.51400	.04436
.260	24.930	.66990	.27800	.24430	.72470	-.03052	.00100	.00030	-.00200	.52800	.04714
	GRADIENT	.04466	-.00588	-.00008	.04613	.00060	-.00007	.00010	.00029	.03116	.00005

OA116 B26C9N7F6W116E43V8R5X9 (RF6034) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-40.000
ELE-LO =	-40.000	ELE-RI =	-40.000
ELE-RO =	-40.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 34/ 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	-10.870	-.99620	.25510	.24340	-1.02640	.06268	-.00110	.00010	.00700	.73900	.03828
.260	-8.760	-.89950	.21680	.24210	-.92210	.07732	-.00080	.00000	.00600	.74600	.03765
.260	-6.660	-.80050	.18960	.23580	-.81060	.09154	-.00210	.00000	.00800	.75800	.03807
.260	-4.570	-.70090	.15960	.23000	-.71140	.10327	-.00230	-.00060	.00600	.77100	.03790
.260	-2.470	-.59970	.13680	.22280	-.60500	.11079	-.00240	-.00060	.00700	.78700	.03770
.260	-.370	-.49240	.11630	.21640	-.49320	.11310	-.00200	-.00020	.00600	.81300	.03865
.260	1.760	-.37940	.09830	.20780	-.37610	.10992	-.00160	.00000	.00500	.85500	.03878
.260	3.840	-.27760	.08770	.20400	-.27130	.10613	-.00190	-.00010	.00500	.92800	.03842
.260	5.960	-.18230	.08000	.20430	-.17300	.09859	-.00200	.00000	.00600	1.08600	.03870
.260	8.010	-.09440	.07630	.20740	-.08290	.08878	-.00180	.00010	.00500	1.57200	.03918
.260	10.130	-.00010	.07690	.20940	.01340	.07580	-.00170	.00110	.00500	-5.09700	.03960
.260	12.240	.10110	.08510	.21030	.11680	.06172	-.00190	.00170	.00600	-.01000	.04037
.260	14.370	.20900	.10000	.21070	.22730	.04501	-.00160	.00170	.00500	.31000	.04276
.260	16.470	.31180	.12570	.21090	.33460	.03219	-.00080	.00250	.00300	.42000	.04286
.260	18.580	.41000	.15730	.21440	.43680	.01838	.00000	.00470	.00100	.47200	.04351
.260	20.710	.50690	.19990	.21810	.54490	.00767	.00130	.00440	-.00100	.50400	.04505
.260	22.600	.58890	.25120	.22520	.64030	.00337	.00010	.00050	.00100	.52200	.04646
.260	24.920	.66370	.30090	.23520	.72870	-.00671	.00030	-.00200	.00000	.53300	.04902
	GRADIENT	.04981	-.00764	-.00263	.05169	-.00055	.00004	.00006	-.00023	.02768	.00009

OA118 B26C8N7F6W116E28V8R5X9 (RF6055) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-40.000
ELE-LO =	-40.000	ELE-RI =	-40.000
ELE-RO =	-40.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 35/ 0 RN/L = 1.85 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.890	-1.02570	.26310	.25700	-1.05700	.06462	-.00130	.00170	.01000	.74100	.03586
.260	-8.770	-.91730	.21880	.25000	-.94000	.07633	-.00100	.00130	.00800	.75000	.03559
.260	-6.660	-.81870	.18760	.24550	-.83490	.09112	-.00230	.00000	.00900	.76000	.03666
.260	-4.570	-.72550	.16260	.24180	-.73610	.10421	-.00250	.00000	.00900	.77300	.03626
.260	-2.460	-.62370	.13870	.23550	-.62910	.11180	-.00260	-.00050	.00900	.78900	.03699
.260	-.340	-.51970	.11630	.22930	-.52050	.11522	-.00250	.00000	.00800	.81400	.03663
.260	1.720	-.40800	.09950	.22030	-.40480	.11178	-.00210	.00070	.00800	.85200	.03757
.260	3.840	-.30020	.08700	.21430	-.29360	.10698	-.00180	.00120	.00700	.92000	.03705
.260	5.940	-.20530	.07900	.21320	-.19610	.09985	-.00170	.00100	.00600	1.05200	.03767
.260	8.050	-.11070	.07510	.21490	-.09910	.08997	-.00170	.00120	.00500	1.44900	.03761
.260	10.160	-.01420	.07430	.21750	-.00090	.07568	-.00160	.00200	.00500	32.76700	.03975
.260	12.230	.08290	.08160	.21870	.09840	.06242	-.00240	.00150	.00800	-.16500	.03911
.260	14.380	.18920	.09820	.21780	.20770	.04820	-.00220	.00090	.00700	.26600	.03851
.260	16.450	.28690	.12050	.22100	.30930	.03429	-.00150	.00150	.00500	.36900	.03869
.260	18.580	.38900	.15300	.22460	.41750	.02109	-.00070	.00360	.00400	.45400	.03803
.260	20.680	.48040	.19200	.23100	.51730	.00992	.00120	.00410	.00000	.46700	.03972
.260	22.810	.56590	.24280	.23790	.61560	.00431	.00020	.00250	.00100	.51000	.04038
.260	24.900	.64480	.29390	.24460	.70860	-.00499	.00130	.00160	-.00100	.52500	.04172
	GRADIENT	.05010	-.00805	-.00293	.05199	-.00054	.00010	.00015	-.00029	.02484	.00011

OA118 B26C9M7F8W116E26V8R5X9 (RF6036) (17 MAY 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-40.000
ELE-LO =	-40.000	ELE-RI =	-40.000
ELE-RO =	-40.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000

RUN NO. 36/ 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	-10.840	-1.01500	.25980	.25230	-1.04580	.06417	-.00060	.00120	.00700	.74000	.03541
.260	-8.740	-.90940	.21410	.24550	-.93130	.07340	-.00090	.00150	.00700	.74900	.03629
.260	-6.630	-.81150	.18270	.24050	-.82720	.08770	-.00230	.00060	.00900	.75900	.03721
.260	-4.530	-.71350	.15660	.23680	-.72360	.09972	-.00280	.00000	.00900	.77200	.03808
.260	-2.450	-.61900	.13500	.23260	-.62420	.10844	-.00290	-.00020	.00900	.78900	.03860
.260	-.350	-.51940	.11620	.22830	-.52010	.11302	-.00270	-.00060	.00700	.81300	.03833
.260	1.740	-.41330	.09800	.22170	-.41010	.11058	-.00230	-.00020	.00600	.85100	.03934
.260	3.840	-.30560	.08500	.21550	-.29920	.10539	-.00170	.00070	.00500	.91700	.03962
.260	5.940	-.20790	.07660	.21410	-.19890	.09779	-.00170	.00080	.00500	1.04800	.04017
.260	8.070	-.11340	.07250	.21600	-.10210	.08777	-.00150	.00080	.00400	1.43000	.04035
.260	10.150	-.01610	.07300	.21780	-.00290	.07474	-.00150	.00140	.00400	27.53500	.04027
.260	12.260	.08210	.07950	.21890	.09720	.06022	-.00190	.00200	.00500	-.17600	.04090
.260	14.400	.19110	.09600	.21870	.20890	.04552	-.00160	.00150	.00500	.26600	.04084
.260	16.490	.29060	.11990	.22050	.31270	.03247	-.00100	.00230	.00400	.39200	.03938
.260	18.580	.38660	.15000	.22570	.41420	.01895	-.00060	.00410	.00300	.45100	.03924
.260	20.700	.48430	.19200	.22890	.52090	.00832	.00070	.00400	.00000	.49000	.03864
.260	22.810	.56270	.24140	.23940	.61230	.00440	-.00050	-.00050	.00200	.50800	.03992
.260	24.920	.63670	.29070	.25000	.69990	-.00460	.00130	-.00050	-.00100	.52000	.04214
	GRADIENT	.04876	-.00775	-.00234	.05059	-.00029	.00013	.00010	-.00045	.02459	.00020

OA118 B26C9M7F8W116E43V8R5X9 (AF6037) (04 JUN 74)

REFERENCE DATA

SREF =	4.4115 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9339 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0409 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	-10.000	ELE-RI =	.000
ELE-RO =	-10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	-10.000	AIL-OB =	.000

RUN NO. 37/ 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	-10.610	-.64080	.10330	.08960	-.64690	-.01644	.00000	.00380	.00300	.70300	.03893
.260	-8.500	-.53570	.07710	.08350	-.54120	-.00288	-.00080	.00320	.00400	.70800	.04107
.260	-6.410	-.43560	.06180	.08010	-.43980	.01277	-.00100	.00270	.00500	.71900	.03917
.260	-4.310	-.33480	.04830	.07800	-.33750	.02305	-.00130	.00220	.00500	.73700	.03969
.260	-2.200	-.23620	.03900	.07700	-.23750	.02989	-.00140	.00210	.00400	.77100	.03989
.260	-.090	-.14050	.03350	.07700	-.14050	.03328	-.00150	.00220	.00500	.85300	.03907
.260	1.980	-.04590	.02990	.07710	-.04480	.03153	-.00150	.00200	.00400	1.26500	.03911
.260	4.090	.05440	.03040	.07780	.05650	.02645	-.00140	.00230	.00300	.14500	.03855
.260	6.180	.14960	.03400	.07770	.15240	.01771	-.00140	.00220	.00200	.46400	.03744
.260	8.290	.25280	.04120	.07710	.25610	.00430	-.00150	.00220	.00300	.54100	.03752
.260	10.380	.36150	.05460	.07390	.36540	-.01120	-.00150	.00220	.00200	.57700	.03821
.260	12.500	.46610	.07490	.07320	.47130	-.02778	-.00160	.00210	.00200	.59400	.03938
.260	14.650	.58340	.10490	.07010	.59100	-.04601	-.00090	.00180	.00000	.60800	.04128
.260	16.740	.70160	.14380	.06340	.71330	-.06432	-.00070	.00260	-.00100	.61900	.04272
.260	18.880	.82880	.19540	.05510	.84740	-.08332	-.00060	.00340	-.00200	.62800	.04512
.260	21.020	.95110	.26530	.04450	.98300	-.09354	.00400	.00530	-.01200	.63500	.04820
.260	23.150	1.05630	.34280	.03630	1.10600	-.10010	.00260	.00310	-.00900	.64000	.05315
.260	25.270	1.16420	.42470	.02860	1.23410	-.11294	.00100	.00320	-.00800	.64300	.05848
	GRADIENT	.04617	-.00214	-.00001	.04674	.00040	-.00001	.00000	-.00019	-.03204	-.00015

OA118 B26C9MPF8W116E43V8R5X9 (AF6838) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	10.000	ELE-RI =	.000
ELE-RO =	-10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	10.000

RUN NO. 38/ 0 RN/L = 1.85 GRADIENT INTERVAL = -8.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.570	-.57450	.09170	.05730	-.58160	-.01528	-.00020	.02170	.00100	.68800	.04119
.260	-8.460	-.46640	.06950	.05120	-.47150	.00014	-.00110	.02090	.00200	.69200	.04168
.260	-6.360	-.36430	.05550	.04800	-.36820	.01485	-.00120	.02010	.00100	.70000	.04114
.260	-4.230	-.26520	.04470	.04620	-.26780	.02503	-.00120	.01950	.00000	.71500	.04100
.260	-2.160	-.16980	.03780	.04580	-.17110	.03145	-.00070	.01950	-.00100	.75000	.04031
.260	-.060	-.07160	.03430	.04540	-.07160	.03422	-.00050	.01980	-.00300	.68500	.04007
.260	2.040	.02590	.03320	.04520	.02700	.03228	.00000	.02000	-.00700	.03700	.03955
.260	4.120	.12350	.03540	.04480	.12580	.02650	.00050	.02070	-.01000	.52000	.03964
.260	6.240	.22440	.04160	.04470	.22760	.01699	.00060	.02120	-.01100	.57900	.03856
.260	8.350	.32590	.05140	.04370	.32990	.00351	.00090	.02130	-.01300	.60300	.03821
.260	10.460	.42880	.06640	.04350	.43380	-.01254	.00070	.02020	-.01400	.61500	.03698
.260	12.560	.53230	.08930	.04360	.53900	-.02857	.00080	.01980	-.01600	.62200	.03908
.260	14.680	.64540	.12100	.04040	.65500	-.04650	.00110	.01960	-.01800	.62900	.04127
.260	16.810	.76480	.16340	.03430	.77940	-.06482	.00110	.02020	-.02000	.63500	.04281
.260	18.930	.89240	.21760	.02470	.91480	-.08375	.00040	.02180	-.01900	.64200	.04538
.260	21.080	1.01420	.29090	.01450	1.05090	-.09340	.00470	.02330	-.02900	.64700	.04856
.260	23.160	1.10860	.36900	.00940	1.16440	-.09678	.00220	.01850	-.02200	.64900	.05245
.260	25.280	1.20300	.44920	.00580	1.27960	-.10757	-.00090	.01630	-.01700	.65000	.05808
	GRADIENT	.04656	-.00111	-.00018	.04714	.00018	.00020	.00014	-.00124	-.05291	-.00017

OA118 B28C9N7F8W116E43V8R5X9 (AF6039) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	10.000	ELE-RI =	.000
ELE-RO =	10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	.000

RUN NO. 59/ 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	-10.480	-.50160	.07680	.02360	-.50760	-.01374	-.00040	.00290	.00300	.66900	.04241
.260	-8.380	-.39270	.06070	.01720	-.39740	.00282	-.00090	.00230	.00400	.66800	.04245
.260	-6.290	-.29420	.04900	.01470	-.29780	.01647	-.00110	.00210	.00500	.67000	.04228
.260	-4.200	-.19710	.04070	.01410	-.19960	.02618	-.00140	.00190	.00500	.67600	.04200
.260	-2.080	-.10110	.03530	.01400	-.10230	.03169	-.00140	.00190	.00400	.70200	.04206
.260	.000	-.00600	.03380	.01350	-.00600	.03381	-.00130	.00210	.00300	1.46700	.04119
.260	2.090	.09530	.03510	.01250	.09660	.03166	-.00130	.00200	.00300	.60400	.04109
.260	4.200	.19360	.03920	.01180	.19600	.02496	-.00140	.00190	.00200	.62900	.04068
.260	6.300	.29460	.04800	.01090	.29810	.01539	-.00150	.00190	.00200	.63800	.03954
.260	8.410	.39480	.05970	.01040	.39930	.00131	-.00160	.00180	.00200	.64200	.03959
.260	10.520	.49200	.07710	.01290	.49780	-.01402	-.00170	.00160	.00300	.64200	.03903
.260	12.630	.59490	.10150	.01250	.60270	-.03107	-.00130	.00150	.00100	.64400	.04013
.260	14.720	.70560	.13550	.00970	.71690	-.04826	-.00110	.00190	.00000	.64700	.04160
.260	16.640	.83100	.18150	.00180	.84790	-.06715	-.00080	.00090	.00000	.65100	.04357
.260	18.990	.95480	.23820	-.00640	.98030	-.08541	-.00100	.00330	-.00100	.65400	.04541
.260	21.120	1.07090	.31310	-.01390	1.11180	-.09393	.00420	.00570	-.01400	.65600	.04808
.260	23.210	1.15520	.39160	-.01580	1.21600	-.09543	.00280	.00410	-.01100	.65600	.05295
.260	25.340	1.24180	.47400	-.01620	1.32520	-.10331	.00110	.00370	-.00900	.65600	.05793
	GRADIENT	.04663	-.00015	-.00029	.04721	-.00012	.00000	.00000	-.00033	-.00936	-.00015

OA116 B26C9N7F8W116E43V0R5X0 (AF6040) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	.000
ELE-LO =	5.000	ELE-RI =	.000
ELE-RO =	-5.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	5.000

RUN NO. 40/ 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	-10.540	-.37300	.06900	.05840	-.37960	-.01728	-.00030	.01300	.00300	.68900	.04081
.260	-8.430	-.46560	.06740	.05220	-.47040	-.00156	-.00090	.01220	.00300	.69300	.04091
.260	-6.330	-.56670	.05320	.04950	-.57030	.01245	-.00120	.01150	.00400	.70100	.04077
.260	-4.230	-.26870	.04260	.04790	-.27110	.02270	-.00110	.01080	.00200	.71700	.04074
.260	-2.130	-.17140	.03570	.04720	-.17260	.02931	-.00120	.01070	.00200	.75200	.04035
.260	-.040	-.07440	.03150	.04720	-.07440	.03144	-.00090	.01070	.00000	.86500	.04045
.260	2.030	.02510	.03090	.04680	.02420	.03007	-.00060	.01110	-.00100	-.05900	.03971
.260	4.170	.12580	.03290	.04690	.12580	.02383	-.00050	.01140	-.00300	.51500	.03960
.260	6.230	.22070	.03880	.04600	.22370	.01462	-.00040	.01150	-.00400	.57600	.03859
.260	8.350	.32400	.04900	.04450	.32770	.00147	-.00050	.01130	-.00500	.60200	.03815
.260	10.480	.42840	.06410	.04410	.43290	-.01484	-.00070	.01050	-.00400	.61400	.03876
.260	12.550	.52640	.08560	.04540	.53440	-.03110	-.00060	.01060	-.00600	.62000	.03943
.260	14.700	.64380	.11780	.04200	.65260	-.04935	-.00010	.01020	-.00800	.62800	.04116
.260	16.810	.76350	.16050	.03500	.77730	-.06714	.00020	.01050	-.01100	.63500	.04248
.260	18.940	.89130	.21460	.02590	.91280	-.08640	-.00010	.01220	-.01100	.64100	.04505
.260	21.080	1.01060	.28710	.01620	1.04620	-.09570	.00430	.01420	-.02100	.64600	.04824
.260	23.190	1.10810	.36580	.01140	1.16260	-.10011	.00250	.01150	-.01700	.64800	.05255
.260	25.310	1.20020	.44570	.00930	1.27550	-.11034	.00010	.01020	-.01400	.64900	.05746
	GRADIENT	.04673	-.00115	-.00011	.04726	.00014	.00009	.00008	-.00062	-.05758	-.00014

OA118 B26C9N7F8W116E43V8R5X9 (AF6842) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-10.000
ELE-LO =	10.000	ELE-RI =	-10.000
ELE-RO =	-10.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	10.000

RUN NO. 42/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.610	-.64890	.11100	.08960	-.65830	-.01033	-.00030	.00200	.00400	.70200	.03683
.260	-8.500	-.53830	.08500	.07980	-.54500	.00440	-.00120	.00160	.00600	.70600	.03758
.260	-6.400	-.43410	.06850	.07600	-.43900	.01966	-.00140	.00140	.00500	.71500	.03724
.260	-4.290	-.33650	.05620	.07490	-.33980	.03090	-.00150	.00130	.00500	.73300	.03696
.260	-2.180	-.23880	.04660	.07370	-.24040	.03768	-.00160	.00120	.00500	.76500	.03717
.260	-.090	-.14110	.04100	.07280	-.14120	.04083	-.00160	.00130	.00500	.84100	.03630
.260	2.000	-.04130	.03750	.07150	-.04000	.03898	-.00160	.00140	.00400	1.31000	.03678
.260	4.070	.05630	.03830	.07050	.05890	.03422	-.00160	.00140	.00300	.21200	.03603
.260	6.210	.15730	.04220	.06960	.16090	.02499	-.00140	.00160	.00200	.49300	.03500
.260	8.290	.25490	.04950	.06990	.25930	.01228	-.00160	.00160	.00300	.55200	.03468
.260	10.400	.35240	.06230	.07190	.35780	-.00231	-.00170	.00140	.00200	.57800	.03503
.260	12.510	.45460	.08140	.07280	.46150	-.01900	-.00140	.00140	.00200	.59400	.03674
.260	14.590	.56450	.11060	.07130	.57410	-.03515	-.00100	.00160	.00000	.60600	.03797
.260	16.710	.66500	.15070	.06440	.69940	-.05266	-.00120	.00070	.00100	.61800	.03954
.260	18.880	.81090	.20120	.05740	.83240	-.07210	-.00120	.00170	.00000	.62600	.04227
.260	21.000	.92500	.25360	.05290	.95810	-.08553	.00050	.00350	-.00400	.63100	.04339
.260	23.110	1.00620	.33890	.05390	1.05850	-.08329	.00270	.00480	-.00900	.63300	.04719
.260	25.210	1.08730	.40520	.05650	1.15640	-.09659	.00240	.00260	-.00800	.63400	.05172
	GRADIENT	.04704	-.00216	-.00053	.04774	.00038	-.00001	.00002	-.00024	-.02351	-.00011

OA118 B28C9H7F8W116E43V8R5X9 (AF8045) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	45.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	-10.000
ELE-LO =	.000	ELE-RI =	-10.000
ELE-RO =	.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	.000

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

MACH	ALPHA	CL	CDF	CLM	CM	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.650	-.71680	.11800	.12260	-.72600	-.01642	-.00030	.00310	.00580	.71400	.03570
.260	-8.550	-.60260	.08960	.11250	-.60920	-.00097	-.00140	.00260	.00700	.72000	.03630
.260	-6.440	-.49790	.07110	.10730	-.50270	.01484	-.00150	.00230	.00600	.73000	.03620
.260	-4.330	-.40110	.05690	.10500	-.40420	.02646	-.00170	.00200	.00700	.74700	.03618
.260	-2.200	-.29930	.04650	.10360	-.30080	.03495	-.00180	.00190	.00600	.77800	.03528
.260	-.120	-.20250	.03770	.10300	-.20260	.03725	-.00180	.00200	.00600	.83900	.03620
.260	1.940	-.10500	.03340	.10230	-.10390	.03699	-.00180	.00230	.00500	1.01400	.03554
.260	4.080	-.00470	.03170	.10160	-.00240	.03199	-.00160	.00260	.00300	15.73500	.03536
.260	6.140	.09350	.03370	.10060	.09660	.02348	-.00161	.00250	.00300	.26600	.03449
.260	8.260	.19600	.03920	.10000	.19960	.01062	-.00171	.00250	.00300	.46700	.03477
.260	10.360	.29080	.04940	.10260	.29470	-.00362	-.00183	.00210	.00200	.52300	.03478
.260	12.480	.39410	.06660	.10380	.39920	-.02016	-.00161	.00220	.00200	.55600	.03620
.260	14.580	.50310	.09360	.10220	.51050	-.03606	-.00131	.00190	.00000	.57600	.03695
.260	16.700	.63070	.13190	.09420	.64200	-.05497	-.00140	.00130	.00100	.59800	.03985
.260	18.840	.75390	.18020	.08750	.77170	-.07297	-.00140	.00200	.00200	.61000	.04155
.260	20.970	.87150	.23930	.08030	.89940	-.08848	.00060	.00340	-.00300	.61900	.04459
.260	23.090	.98640	.31600	.07770	1.01300	-.08835	.00270	.00400	-.00900	.62300	.04686
.260	25.190	1.05370	.38040	.07940	1.11540	-.10434	.00280	.00280	-.00900	.62500	.05212
	GRADIENT	.04709	-.00303	-.00039	.04773	.00063	.0000[illegible]	.00008	-.00043	1.44598	-.00007

OA116 B2BC9N7F8W116E43V6R5X9 (AF0044) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9339 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	.000	ELE-RI =	15.000
ELE-RO =	.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	.000

RUN NO. 44/ 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	-10.410	-.37360	.06320	-.03210	-.37900	-.00540	-.00050	.00300	.00300	.62000	.04746
.260	-8.320	-.27490	.05120	-.03400	-.27950	.01085	-.00090	.00290	.00400	.60700	.04698
.260	-6.200	-.17100	.04270	-.03700	-.17460	.02398	-.00120	.00270	.00500	.57400	.04744
.260	-4.110	-.07460	.03850	-.03870	-.07720	.03312	-.00130	.00270	.00400	.46700	.04731
.260	-2.010	.02210	.03720	-.03930	.02080	.03804	-.00110	.00300	.00400	1.34700	.04743
.260	.070	.11680	.03930	-.03970	.11690	.03918	-.00110	.00300	.00300	.77700	.04724
.260	2.170	.21540	.04460	-.03970	.21690	.03645	-.00130	.00300	.00200	.71900	.04600
.260	4.290	.31150	.05160	-.03890	.31450	.02819	-.00120	.00300	.00300	.69700	.04594
.260	6.380	.41020	.06420	-.04010	.41480	.01824	-.00140	.00320	.00300	.68700	.04398
.260	8.460	.52050	.08060	-.04540	.52670	.00330	-.00160	.00300	.00300	.68300	.04494
.260	10.570	.62910	.10460	-.04950	.63760	-.01263	-.00160	.00320	.00300	.68000	.04463
.260	12.690	.73350	.13390	-.05030	.74500	-.03050	-.00150	.00280	.00200	.67700	.04566
.260	14.870	.85520	.17570	-.05640	.87170	-.04975	-.00110	.00270	.00000	.67500	.04707
.260	16.930	.97550	.22500	-.06370	.99670	-.06892	-.00020	.00290	-.00300	.67500	.04915
.260	19.110	1.10240	.29030	-.07310	1.13670	-.08671	-.00050	.00510	-.00400	.67500	.05119
.260	21.190	1.20720	.37430	-.08150	1.26090	-.08753	.00810	.01020	-.02400	.67500	.05594
.260	23.300	1.29660	.45770	-.08480	1.37190	-.09267	.00280	.00290	-.01000	.67400	.06077
.260	25.470	1.40600	.55600	-.09610	1.50850	-.10284	.00150	.00510	-.01200	.67500	.06679
	GRADIENT	.04602	.00160	-.00004	.04669	[illegible]	[illegible]	[illegible]	[illegible]	-.00797	-.00020

OA118 B26C9W7F8W116E43V8R5X9 (AF6045) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	5.000	ELE-RI =	15.000
ELE-RO =	5.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	5.000	AIL-OB =	.000

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

MACH	ALPHA	CL	CDF	CLM	CM	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.380	-.34210	.05930	-.04680	-.34720	-.00327	-.00030	.00310	.00300	.60200	.04780
.260	-8.300	-.24330	.04810	-.04900	-.24770	.01255	-.00070	.00270	.00300	.57900	.04783
.260	-6.180	-.14200	.04120	-.05170	-.14560	.02567	-.00120	.00250	.00500	.52100	.04794
.260	-4.070	-.04440	.03610	-.05300	-.04700	.03490	-.00110	.00250	.00400	.23700	.04764
.260	-1.960	.05150	.03770	-.05360	.05020	.03953	-.00120	.00260	.00400	1.04500	.04783
.260	.100	.14660	.04090	-.05350	.14670	.04063	-.00110	.00260	.00300	.78600	.04699
.260	2.190	.24230	.04610	-.05390	.24380	.03683	-.00120	.00240	.00300	.73300	.04671
.260	4.290	.33830	.05510	-.05290	.34140	.02960	-.00140	.00250	.00400	.70900	.04576
.260	6.390	.43860	.06840	-.05430	.44350	.01913	-.00150	.00250	.00400	.69700	.04453
.260	8.490	.54150	.08580	-.05710	.54820	.00485	-.00160	.00200	.00400	.69000	.04435
.260	10.620	.65580	.11060	-.06240	.66500	-.01218	-.00150	.00250	.00300	.68600	.04510
.260	12.740	.75770	.14130	-.06150	.77020	-.02926	-.00140	.00230	.00200	.68100	.04543
.260	14.860	.87710	.18290	-.06780	.89470	-.04813	-.00100	.00190	.00000	.68000	.04713
.260	16.970	.99820	.23450	-.07600	1.02320	-.06720	-.00010	.00150	-.00100	.67900	.04890
.260	19.110	1.12310	.29880	-.08530	1.15900	-.08550	-.00030	.00410	-.00300	.67900	.05155
.260	21.250	1.22660	.38960	-.09220	1.28320	-.08496	.00830	.01030	-.02500	.67800	.05596
.260	23.350	1.31890	.47160	-.09710	1.39780	-.08987	.00260	.00180	-.00800	.67700	.06140
.260	25.470	1.41510	.56570	-.10390	1.52080	-.09769	.00150	.00420	-.01100	.67700	.06659
	GRADIENT	.04577	.00203	-.00000	.04645	-.00064	-.00003	-.00001	-.00005	.03024	-.00023

OA118 B26C9N7F8W118E43V8R5X9 (AF8847) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	5.000	ELE-RI =	15.000
ELE-RO =	-5.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	5.000

RUN NO. 47/ 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	-10.410	-.37500	.06460	-.03020	-.38050	-.00417	-.00010	.01230	.00200	.62200	.04758
.260	-8.300	-.27380	.05230	-.03270	-.27850	.01222	-.00060	.01190	.00300	.60800	.04679
.260	-6.210	-.17270	.04380	-.03640	-.17640	.02493	-.00090	.01110	.00200	.57600	.04775
.260	-4.090	-.07490	.03920	-.03800	-.07750	.03384	-.00080	.01080	.00200	.47100	.04759
.260	-2.000	.02200	.03920	-.03850	.02060	.04003	-.00060	.01100	.00000	1.34000	.04646
.260	.120	.11970	.04090	-.03890	.11980	.04065	-.00050	.01110	.00000	.77100	.04665
.260	2.170	.21490	.04570	-.03890	.21650	.03754	-.00020	.01140	-.00200	.71800	.04581
.260	4.260	.30650	.05280	-.03740	.31160	.02970	-.00010	.01160	-.00400	.69600	.04541
.260	6.390	.40910	.06520	-.03890	.41380	.01930	-.00010	.01200	-.00400	.68600	.04431
.260	8.510	.51470	.08200	-.04190	.52120	.00495	-.00020	.01110	-.00400	.68100	.04401
.260	10.630	.62900	.10620	-.04810	.63780	-.01165	-.00010	.01210	-.00700	.67900	.04477
.260	12.720	.73060	.13510	-.04780	.74250	-.02914	-.00030	.01090	-.00700	.67500	.04535
.260	14.840	.84880	.17550	-.05410	.86540	-.04777	-.00040	.01160	-.00800	.67500	.04663
.260	16.980	.96860	.22580	-.06010	.99230	-.06694	.00030	.01210	-.01300	.67400	.04839
.260	19.100	1.09560	.28920	-.06950	1.13010	-.08542	.00000	.01400	-.01300	.67400	.05120
.260	21.230	1.20580	.37570	-.08000	1.26000	-.08661	.00790	.01700	-.03100	.67500	.05578
.260	23.340	1.30250	.46680	-.08850	1.36080	-.08752	-.00060	.00850	-.01000	.67500	.06215
.260	25.470	1.40650	.55640	-.09830	1.50910	-.10261	.00040	.00980	-.01500	.67500	.06696
	GRADIENT	.04590	.00161	.00004	.04658	-.00051	.00009	.00010	-.00067	-.00825	-.00024

OA118 BZ6C9N7F8W116E43V8R5X0 (AF6048) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	15.000	ELE-RI =	15.000
ELE-RO =	-5.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	5.000	AIL-OB =	10.000

RUN NO. 48/ 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	-10.400	-.34030	.06330	-.04640	-.34650	.00081	-.00120	.02080	.00000	.60200	.04756
.260	-8.280	-.23780	.05090	-.04950	-.24270	.01616	-.00150	.02060	.00000	.57700	.04796
.260	-6.160	-.13980	.04450	-.05280	-.13980	.02960	-.00160	.01980	.00000	.51300	.04727
.260	-4.060	-.03940	.04090	-.05440	-.04220	.03805	-.00130	.01980	-.00200	.17800	.04792
.260	-1.970	.05620	.04090	-.05550	.05470	.04289	-.00080	.02010	-.00500	1.02500	.04745
.260	.120	.15290	.04340	-.05540	.15300	.04314	-.00040	.02050	-.00900	.78500	.04788
.260	2.190	.24680	.04970	-.05520	.24850	.04927	-.00020	.02080	-.01000	.73300	.04652
.260	4.260	.34060	.05900	-.05370	.34410	.03336	-.00010	.02110	-.01200	.70900	.04531
.260	6.420	.44360	.07220	-.05510	.44890	.02212	-.00010	.02140	-.01300	.69700	.04468
.260	8.510	.54900	.09040	-.05850	.55640	.00813	-.00010	.02040	-.01400	.69000	.04436
.260	10.610	.65780	.11510	-.06320	.66760	-.00796	-.00040	.02070	-.01500	.68600	.04503
.260	12.730	.76510	.14600	-.06560	.77850	-.02628	-.00100	.02070	-.01600	.68300	.04584
.260	14.850	.87920	.18720	-.06970	.89780	-.04450	-.00110	.02040	-.01800	.68000	.04727
.260	16.960	.99720	.23790	-.07500	1.02320	-.06332	-.00050	.02060	-.02100	.67900	.04911
.260	19.120	1.12350	.30370	-.08530	1.16100	-.08112	-.00130	.02260	-.02000	.67900	.05130
.260	21.230	1.23330	.39130	-.09550	1.29130	-.08194	.00640	.02480	-.03700	.67900	.05605
.260	23.350	1.32560	.48130	-.10140	1.40780	-.08351	-.00210	.01560	-.01700	.67800	.06280
.260	25.460	1.41630	.56740	-.10410	1.52270	-.09666	-.00210	.01380	-.01500	.67700	.06701
	GRADIENT	.04561	.00216	.00008	.04637	-.00057	.00014	.00016	-.00120	.03702	-.00029

OA118 B26C9M7F8WL16E43V9R5X9 (AF6049) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1675 INCHES
SCALE =	.0403 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	10.000	ELE-RI =	15.000
ELE-RO =	-5.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	.000	AIL-OB =	10.000

RUN NO. 49/ 0 RN/L = 1.85 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.400	-.37590	.06720	-.03090	-.38190	-.00175	-.00040	.02050	.00100	.62200	.04771
.260	-8.270	-.27170	.05320	-.03400	-.27660	.01358	-.00080	.02010	.00100	.60600	.04834
.260	-6.160	-.17030	.04600	-.03750	-.17420	.02748	-.00080	.01950	.00000	.57200	.04754
.260	-4.080	-.07160	.04160	-.03930	-.07460	.03667	-.00070	.01930	.00000	.45800	.04753
.260	-1.950	.02560	.04060	-.03970	.02410	.04167	-.00030	.01930	-.00500	1.25600	.04712
.260	.100	.11950	.04230	-.04020	.11950	.04230	.00000	.01970	-.00500	.77600	.04684
.260	2.190	.21630	.04800	-.03960	.21800	.03968	.00030	.01990	-.00600	.71900	.04599
.260	4.280	.30870	.05610	-.03860	.31200	.03288	.00050	.02010	-.01000	.69700	.04492
.260	6.410	.41060	.06830	-.03990	.41560	.02202	.00070	.02070	-.01200	.68700	.04398
.260	8.540	.51760	.08540	-.04400	.52450	.00756	.00090	.02040	-.01400	.68300	.04421
.260	10.630	.62470	.10860	-.04710	.63400	-.00829	.00090	.02040	-.01500	.67900	.04416
.260	12.740	.73210	.13880	-.04920	.74470	-.02613	.00060	.01920	-.01500	.67600	.04503
.260	14.850	.84790	.17860	-.05400	.86530	-.04476	.00060	.01960	-.01800	.67500	.04695
.260	16.970	.96760	.22830	-.05970	.99210	-.06412	.00100	.02080	-.02100	.67400	.04911
.260	19.120	1.09000	.29150	-.06860	1.12530	-.08169	.00040	.02300	-.02200	.67400	.05061
.260	21.250	1.20670	.37960	-.08090	1.26220	-.08378	.00750	.02480	-.03700	.67500	.05572
.260	23.350	1.30190	.46980	-.08790	1.38150	-.08472	-.00130	.01560	-.01600	.67500	.06176
.260	25.500	1.39690	.55620	-.09270	1.50210	-.10046	-.00090	.01570	-.01800	.67400	.06682
	GRADIENT	.04562	.00171	.00007	.04636	-.00046	.00014	.00011	-.00120	-.00240	-.00030

OA118 B28C9N7F8W116E43V0R5X9 (AF6050) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	15.000
ELE-LO =	10.000	ELE-RI =	15.000
ELE-RO =	.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	5.000	AIL-OB =	5.000

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

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYM	CBL	CY	XCP/L	CAB
.260	-10.390	-.34100	.06070	-.04580	-.34640	-.00181	-.00070	.01150	.00100	.60300	.04769
.260	-8.300	-.23980	.04950	-.04910	-.24440	.01444	-.00120	.01120	.00200	.57800	.04723
.260	-6.190	-.13790	.04250	-.05240	-.14160	.02737	-.00140	.01080	.00200	.51600	.04721
.260	-4.070	-.04090	.03890	-.05370	-.04360	.03598	-.00130	.01090	.00100	.19800	.04732
.260	-1.990	.05470	.03820	-.05430	.05330	.04009	-.00110	.01100	.00000	1.02600	.04773
.260	.080	.14960	.04170	-.05440	.14960	.04150	-.00110	.01110	.00000	.78600	.04700
.260	2.200	.24660	.04680	-.05440	.24820	.03736	-.00080	.01120	-.00200	.73200	.04717
.260	4.260	.33950	.05550	-.05300	.34270	.03010	-.00090	.01120	-.00300	.70900	.04565
.260	6.390	.44020	.06860	-.05480	.44510	.01919	-.00100	.01160	-.00300	.69700	.04479
.260	8.510	.54930	.08710	-.05920	.55610	.00490	-.00120	.01110	-.00300	.69100	.04464
.260	10.600	.65730	.11170	-.06300	.66660	-.01120	-.00130	.01060	-.00400	.68600	.04491
.260	12.720	.76150	.14260	-.06350	.77430	-.02864	-.00130	.01020	-.00500	.68200	.04545
.260	14.850	.87790	.18400	-.06890	.89580	-.04715	-.00140	.01040	-.00700	.68000	.04678
.260	16.960	.99950	.23600	-.07590	1.02480	-.06590	-.00080	.01070	-.01000	.67900	.04850
.260	19.100	1.12590	.30150	-.08520	1.16260	-.08366	-.00100	.01270	-.01100	.67900	.05038
.260	21.240	1.23230	.38830	-.09380	1.28930	-.08445	.00730	.01710	-.03100	.67800	.05566
.260	23.340	1.32480	.47980	-.10050	1.40650	-.08442	-.00090	.00940	-.01100	.67800	.06185
.260	25.440	1.41870	.56630	-.10430	1.52440	-.09820	-.00030	.00880	-.01200	.67700	.06670
	GRADIENT	.04569	.00200	.00006	.04640	-.00070	.00005	.00004	-.00048	.03484	-.00019

OA116 B26C9N7F6W118E43V8R5X9 (AF8051) (04 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 20.000
ELE-LO = 10.000 ELE-RI = 20.000
ELE-RO = 10.000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000
ELE-OB = 10.000 AIL-OB = .000

RUN NO. 51/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.330	-.25040	.05640	-.08850	-.25650	.01061	-.00070	.00090	.00400	.52500	.04918
.260	-8.120	-.14390	.04720	-.09210	-.14920	.02642	-.00100	.00060	.00500	.42500	.04993
.260	-6.120	-.04950	.04340	-.09490	-.05390	.03769	-.00100	.00050	.00500	.00400	.05050
.260	-4.000	.04950	.04290	-.09640	.04640	.04635	-.00120	.00030	.00600	1.41600	.04999
.260	-1.910	.14260	.04570	-.09740	.14100	.05052	-.00130	.00020	.00600	.90600	.04964
.260	.180	.24000	.05110	-.09750	.24010	.05043	-.00150	.00020	.00600	.80100	.04925
.260	2.260	.33340	.05950	-.09710	.33550	.04634	-.00170	.00040	.00700	.75800	.04810
.260	4.330	.42460	.07070	-.09540	.42860	.03846	-.00190	.00040	.00700	.73400	.04748
.260	6.450	.52900	.08750	-.09860	.53550	.02749	-.00240	.00060	.00800	.71900	.04663
.260	8.560	.63650	.10910	-.10350	.64560	.01314	-.00250	.00030	.00800	.71100	.04679
.260	10.680	.75010	.13820	-.10960	.76280	-.00325	-.00280	.00070	.00800	.70500	.04669
.260	12.810	.85090	.17120	-.10790	.86770	-.02175	-.00250	-.00050	.00800	.69700	.04766
.260	14.900	.96440	.21570	-.11320	.98750	-.03961	-.00180	-.00090	.00500	.69400	.04900
.260	17.040	1.08490	.27100	-.12020	1.11670	-.05877	-.00050	-.00210	.00000	.69100	.05020
.260	19.170	1.21590	.34410	-.13200	1.26140	-.07420	.00130	.00060	-.00500	.69000	.05350
.260	21.300	1.29960	.42440	-.12980	1.36520	-.07673	.00750	.01000	-.02200	.68700	.05783
.260	23.400	1.39920	.52660	-.14450	1.49330	-.07254	.00030	.00110	-.00300	.68700	.06461
.260	25.530	1.49290	.61790	-.14700	1.61340	-.08589	.00190	.00310	-.00800	.68500	.06919
	GRADIENT	.04517	.00333	.00011	.04605	-.00096	-.00009	.00002	.00014	-.07261	-.00031

OA118 B26C9N7F6W116E43V6R5X9 (AF6052) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	20.000
ELE-LO =	15.000	ELE-RI =	20.000
ELE-RO =	15.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	3.000

RUN NO. 52/ 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	-10.340	-.24800	.05730	-.08950	-.25430	.01191	-.00130	.00930	.00400	.52200	.04940
.260	-8.220	-.14460	.04830	-.09290	-.15010	.02712	-.00160	.00920	.00400	.42400	.04983
.260	-6.130	-.04730	.04410	-.09670	-.05180	.03880	-.00160	.00910	.00300	-.03400	.05063
.260	-4.040	.04970	.04390	-.09810	.04650	.04738	-.00130	.00920	.00200	1.42700	.05003
.260	-1.940	.14380	.04720	-.09880	.14210	.05208	-.00120	.00930	.00200	.90700	.04896
.260	.160	.24100	.05210	-.09860	.24120	.05143	-.00120	.00950	.00100	.80200	.04924
.260	2.250	.33340	.06060	-.09770	.33550	.04749	-.00130	.00960	.00100	.75900	.04819
.260	4.370	.42870	.07240	-.09630	.43300	.03953	-.00130	.00950	.00000	.73400	.04729
.260	6.450	.53000	.08830	-.09980	.53650	.02823	-.00160	.00940	.00000	.72000	.04688
.260	8.560	.64000	.11060	-.10550	.64930	.01414	-.00180	.00870	.00000	.71100	.04644
.260	10.670	.75350	.13900	-.11090	.76620	-.00296	-.00200	.00760	.00000	.70500	.04727
.260	12.800	.85570	.17320	-.11300	.87280	-.02071	-.00270	.00800	.00000	.69900	.04779
.260	14.910	.97730	.22040	-.11940	1.00110	-.03846	-.00250	.00700	-.00100	.69600	.04873
.260	17.020	1.09640	.27550	-.12650	1.12900	-.05748	-.00180	.00630	-.00400	.69300	.05067
.260	19.160	1.22270	.34800	-.13540	1.26920	-.07270	.00000	.00790	-.00900	.69100	.05337
.260	21.270	1.29380	.43240	-.13200	1.36250	-.06655	.00010	.00910	-.01000	.68700	.05831
.260	23.380	1.39850	.52680	-.14430	1.49270	-.07164	-.00170	.00620	-.00500	.68700	.06441
.260	25.510	1.48840	.61650	-.14670	1.60880	-.08477	-.00090	.00490	-.00600	.68500	.06961
	GRADIENT	.04510	.00335	.00022	.04600	-.00097	-.00000	.00004	-.00024	-.07298	-.00030

OA118 B26C9N7F8W116E43V8R5X9 (AF8053) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2259 INCHES	YMRP =	.0000 INCHES
BREF =	37.9358 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	20.000
ELE-LO =	20.000	ELE-RI =	20.000
ELE-RO =	.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	10.000

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

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYM	CBL	CY	XCP/L	CAB
.260	-10.330	-.24440	.05930	-.09080	-.25110	.01451	-.00270	.01920	.00200	.51900	.05025
.260	-8.240	-.14130	.05170	-.09420	-.14730	.03095	-.00280	.01910	.00100	.41600	.04935
.260	-6.120	-.04240	.04660	-.09780	-.04710	.04186	-.00270	.01880	.00000	-.11000	.05068
.260	-4.040	.05330	.04690	-.09930	.04990	.05062	-.00200	.01890	-.00200	1.38400	.05022
.260	-1.930	.14880	.04970	-.09980	.14700	.05469	-.00170	.01920	-.00400	.90100	.04997
.260	.160	.24390	.05540	-.09920	.24410	.05474	-.00150	.01940	-.00600	.80100	.04925
.260	2.290	.33960	.06440	-.09820	.34190	.05082	-.00140	.01980	-.00800	.75700	.04813
.260	4.340	.42660	.07570	-.09590	.43110	.04322	-.00150	.01980	-.00900	.73400	.04746
.260	6.440	.53180	.09250	-.10010	.53890	.03224	-.00200	.01930	-.00900	.72000	.04655
.260	8.590	.65160	.11630	-.10910	.66170	.01762	-.00240	.01880	-.00900	.71200	.04697
.260	10.710	.76330	.14580	-.11520	.77710	.00144	-.00280	.01900	-.01100	.70600	.04704
.260	12.780	.86610	.17950	-.11660	.88430	-.01664	-.00350	.01840	-.01000	.70000	.04811
.260	14.910	.97800	.22460	-.12020	1.00290	-.03465	-.00360	.01790	-.01200	.69600	.04897
.260	17.040	1.09980	.28120	-.12780	1.13390	-.05338	-.00340	.01830	-.01500	.69300	.05077
.260	19.190	1.21780	.34900	-.13240	1.26480	-.07086	-.00370	.01900	-.01400	.69000	.05337
.260	21.260	1.30550	.43080	-.13430	1.37280	-.07243	.00300	.02190	-.03000	.68800	.05774
.260	23.390	1.39510	.52820	-.14230	1.49020	-.06916	-.00400	.01430	-.01100	.68700	.06445
.260	25.510	1.48590	.61790	-.14550	1.60710	-.08241	-.00390	.01010	-.00900	.68500	.06963
	GRADIENT	.04468	.00544	.00040	.04565	-.00089	.00006	.00011	-.00086	-.06892	-.00035

OA118 B26C9H7F8W116E43V8R5X9 (AF00541 (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	10.000
ELE-LO =	20.000	ELE-RI =	10.000
ELE-RO =	.000	SPOBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	10.000

RUN NO. 54/ 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	-10.410	-.36810	.06480	-.03720	-.37380	-.00283	-.00280	.02110	.00000	.61500	.04664
.260	-8.300	-.26350	.05070	-.04140	-.26810	.01220	-.00290	.02100	.00100	.59500	.04782
.260	-6.190	-.16220	.04410	-.04390	-.16600	.02633	-.00260	.02070	-.00100	.55400	.04692
.260	-4.100	-.06520	.04030	-.04500	-.06790	.03553	-.00250	.02080	-.00300	.40800	.04682
.260	-1.990	.03070	.03930	-.04570	.02930	.04043	-.00210	.02120	-.00500	1.22500	.04702
.260	.090	.12580	.04190	-.04580	.12590	.04171	-.00190	.02150	-.00700	.78600	.04653
.260	2.210	.22190	.04740	-.04560	.22350	.03878	-.00150	.02190	-.01000	.72700	.04531
.260	4.290	.32030	.05560	-.04620	.32360	.03152	-.00160	.02230	-.01200	.70400	.04517
.260	6.390	.41900	.06840	-.04750	.42400	.02132	-.00180	.02260	-.01300	.69300	.04381
.260	8.500	.52420	.08630	-.05070	.53120	.00795	-.00210	.02290	-.01400	.68700	.04317
.260	10.600	.63290	.10990	-.05400	.64230	-.00839	-.00260	.02310	-.01400	.68300	.04375
.260	12.750	.73970	.14080	-.05490	.75260	-.02586	-.00310	.02290	-.01500	.67900	.04452
.260	14.840	.85040	.18060	-.05890	.86830	-.04332	-.00290	.02070	-.01700	.67700	.04555
.260	16.980	.96880	.23100	-.06370	.99400	-.06206	-.00270	.02010	-.01800	.67500	.04716
.260	19.090	1.08850	.29200	-.06990	1.12420	-.08008	-.00330	.02130	-.01700	.67500	.04950
.260	21.200	1.18710	.37000	-.07460	1.24060	-.08441	.00280	.02500	-.03200	.67400	.05307
.260	23.310	1.28000	.46250	-.08140	1.35850	-.08180	-.00380	.01680	-.01600	.67400	.05930
.260	25.450	1.37070	.54750	-.08380	1.47300	-.09472	-.00370	.01530	-.01600	.67300	.06431
	GRADIENT	.04586	.00164	-.00011	.04658	-.00046	.00011	.00018	-.00110	.00459	-.00024

OA118 B26C9H7F8W116E43V8R5X9 (AF6855) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	ELE-LI =	10.000
ELE-LO =	20.000	ELE-RI =	10.000
ELE-RO =	20.000	SPDBRK =	25.000
BDFLAP =	-12.000	RUDDER =	.000
ELE-OB =	20.000	AIL-OB =	.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	-10.360	-.29640	.06010	-.07080	-.30240	.00585	-.00060	.00290	.00300	.56500	.04795
.260	-8.260	-.18940	.04960	-.07650	-.19460	.02210	-.00110	.00240	.00400	.50700	.04824
.260	-6.160	-.09190	.04420	-.07860	-.09610	.03413	-.00120	.00230	.00400	.35000	.04870
.260	-4.050	.00390	.04240	-.07960	.00090	.04265	-.00120	.00240	.00400	32.07100	.04881
.260	-1.990	.09620	.04420	-.07950	.09460	.04756	-.00130	.00240	.00400	.96100	.04780
.260	.130	.19310	.04890	-.08050	.19320	.04855	-.00120	.00230	.00400	.80500	.04747
.260	2.200	.28820	.05600	-.08120	.29010	.04493	-.00120	.00200	.00300	.75500	.04739
.260	4.310	.38800	.06730	-.08170	.39200	.03795	-.00130	.00180	.00400	.72800	.04594
.260	6.440	.48950	.08250	-.08370	.49570	.02712	-.00150	.00200	.00400	.71400	.04503
.260	8.540	.59670	.10310	-.08720	.60540	.01333	-.00180	.00220	.00400	.70500	.04427
.260	10.650	.70260	.12930	-.08970	.71440	-.00277	-.00200	.00220	.00400	.69800	.04474
.260	12.740	.80500	.16210	-.09010	.82090	-.01944	-.00200	.00230	.00300	.69200	.04479
.260	14.860	.91450	.20400	-.09290	.93630	-.03745	-.00160	.00090	.00100	.68800	.04670
.260	16.990	1.03090	.25620	-.09790	1.06070	-.05616	-.00140	.00090	.00100	.68600	.04759
.260	19.090	1.14310	.31820	-.10190	1.18430	-.07322	-.00150	.00290	.00000	.68300	.04957
.260	21.240	1.23470	.39820	-.10210	1.29510	-.07609	.00620	.01130	-.02300	.68100	.05421
.260	23.320	1.32290	.49240	-.10850	1.40970	-.07150	.00000	.00330	-.00400	.68000	.05992
.260	25.450	1.40380	.57830	-.10810	1.51610	-.08131	.00160	.00430	-.01100	.67800	.06466
	GRADIENT	.04592	.00295	-.00028	.04676	-.00058	-.00000	-.00008	-.00005	-2.99918	-.00029

OA118 B26C9H7F8W118E43V8R5X9 (AF8656) (04 JUN 74)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.9974 INCHES		
LREF =	19.2299 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9359 INCHES	ZMRP =	15.1875 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	ELE-LI =	10.000
ELE-LO =	15.000	ELE-RI =	10.000
ELE-RO =	5.000	SPDBRK =	25.000
DOFLAP =	-12.000	RUDDER =	.000
ELE-OB =	10.000	AIL-OB =	5.000

RUN NO. 56/ 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	-10.400	-.37030	.06230	-.03330	-.37550	-.00557	-.00110	.01200	.00100	.61900	.04632
.260	-8.260	-.26740	.04850	-.03810	-.27160	.00950	-.00160	.01190	.00200	.60000	.04737
.260	-6.190	-.16740	.04060	-.04070	-.17060	.02257	-.00160	.01170	.00100	.56400	.04752
.260	-4.090	-.07070	.03680	-.04160	-.07310	.03172	-.00150	.01180	.00000	.44200	.04747
.260	-2.010	.02450	.03600	-.04220	.02330	.03686	-.00120	.01220	-.00100	1.31900	.04705
.260	.070	.11980	.03790	-.04250	.11980	.03782	-.00130	.01250	-.00200	.76200	.04653
.260	2.170	.21610	.04280	-.04290	.21750	.03466	-.00120	.01270	-.00300	.72400	.04622
.260	4.270	.31180	.05100	-.04270	.31480	.02762	-.00110	.01280	-.00500	.70200	.04506
.260	6.370	.41210	.06400	-.04340	.41670	.01792	-.00120	.01260	-.00500	.69000	.04330
.260	8.480	.51470	.07970	-.04480	.52090	.00288	-.00150	.01250	-.00500	.68300	.04362
.260	10.570	.62020	.10310	-.04690	.62860	-.01235	-.00180	.01230	-.00600	.67900	.04371
.260	12.740	.72930	.13360	-.04830	.74080	-.03051	-.00200	.01290	-.00700	.67600	.04497
.260	14.810	.83940	.17310	-.05220	.85580	-.04723	-.00180	.01180	-.00800	.67400	.04532
.260	16.930	.96110	.22430	-.05970	.98470	-.06541	-.00140	.01050	-.01000	.67400	.04654
.260	19.070	1.08520	.28640	-.06710	1.11920	-.08397	-.00170	.01270	-.01100	.67400	.04906
.260	21.200	1.18570	.36550	-.07060	1.23760	-.08815	.00490	.01810	-.02800	.67300	.05272
.260	23.320	1.27160	.44800	-.07420	1.34510	-.09191	.00000	.01030	-.01400	.67200	.05834
.260	25.420	1.36700	.54100	-.08000	1.46690	-.09817	-.00080	.01050	-.01500	.67200	.06368
	GRADIENT	.04577	.00169	-.00014	.04641	-.00050	.00004	.00012	-.00057	-.00369	-.00027

OA118 B26C9H7F8W116E43V8R5X9 (AF6857) (04 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9399 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 ELE-LI = 18.000
ELE-LO = .000 ELE-RI = 18.000
ELE-RO = .000 SPDBRK = 25.000
BDFLAP = -12.000 RUDDER = .000
ELE-OB = .000 AIL-OB = .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	-10.460	-.43910	.06660	-.00180	-.44420	-.01222	-.00010	.00390	.00300	.65000	.04539
.260	-8.360	-.33610	.05250	-.00580	-.34020	.00311	-.00080	.00340	.00400	.64500	.04612
.260	-6.200	-.23180	.04240	-.00930	-.23500	.01715	-.00100	.00310	.00400	.63700	.04615
.260	-4.160	-.13710	.03640	-.01000	-.13940	.02635	-.00120	.00290	.00400	.62500	.04619
.260	-2.070	-.04290	.03350	-.00990	-.04400	.03198	-.00120	.00290	.00400	.56800	.04550
.260	.020	.05410	.03300	-.01030	.05410	.03306	-.00110	.00300	.00300	.72200	.04572
.260	2.090	.14790	.03620	-.01000	.14910	.03076	-.00100	.00300	.00200	.67600	.04489
.260	4.220	.24840	.04230	-.00960	.25090	.02391	-.00120	.00310	.00200	.66600	.04418
.260	6.330	.34900	.05260	-.01040	.35270	.01382	-.00130	.00300	.00200	.66300	.04289
.260	8.410	.45240	.06690	-.01310	.45730	-.00002	-.00120	.00300	.00200	.66200	.04242
.260	10.520	.55630	.08730	-.01610	.56290	-.01579	-.00130	.00300	.00200	.66200	.04276
.260	12.660	.66410	.11470	-.01570	.67310	-.03365	-.00120	.00300	.00100	.66000	.04382
.260	14.770	.77920	.15190	-.02090	.79220	-.05181	-.00070	.00250	.00000	.66100	.04507
.260	16.880	.90110	.19940	-.02770	.92010	-.07086	.00000	.00200	-.00200	.66300	.04679
.260	19.020	1.02520	.26010	-.03600	1.05400	-.08827	-.00030	.00450	-.00300	.66400	.04812
.260	21.140	1.13100	.33990	-.04240	1.17750	-.09085	.00750	.01120	-.02400	.66500	.05276
.260	23.260	1.22720	.42190	-.04780	1.29410	-.09707	.00260	.00460	-.01000	.66500	.05778
.260	25.400	1.33920	.51640	-.05900	1.43130	-.10809	.00150	.00590	-.01200	.66700	.06333
	GRADIENT	.04598	.00070	.00003	.04655	-.00029	.00001	.00002	-.00029	.00007	-.00022